AGENDA

REGULAR MEETING
CYPRESS CITY COUNCIL
March 25, 2024
5:00 P.M. - Closed Session/Workshop
6:00 P.M. - General Session

www.cypressca.org

5275 Orange Avenue
Cypress, California

Interested in speaking to the City Council? Information about participating in the City Council meeting appears at the end of the agenda.

CALL TO ORDER

5:00 P.M.
Executive Board Room

ROLL CALL

Cypress City Council, also acting as the Ex-Officio Governing Board of Directors of the Cypress Recreation and Park District

Mayor Scott Minikus
Mayor Pro Tem Bonnie Peat
Council Member David Burke
Council Member Anne Mallari
Council Member Frances Marquez

ORAL COMMUNICATIONS ON CLOSED SESSION / WORKSHOP ITEMS (Limited to 30 minutes - three minutes per speaker. The City Council may adjust the time allotted per speaker.)

The public may address the City Council on Closed Session/Workshop items prior to any action taken. Although Council Members may provide brief responses, the City Council may not engage in a discussion with members of the public during the meeting. Please complete a Speaker's Card to address the City Council in-person. Members of the public are encouraged to communicate with the City Council via email at adm@cypressca.org or by calling 714-229-6699.

WORKSHOP SESSION

Review of Fiscal Strategies, Reserves, Pension Liabilities and Pension Trust

RECONVENE

6:00 P.M.
Council Chambers

ROLL CALL
Cypress City Council, also acting as the Ex-Officio Governing Board of Directors of the Cypress Recreation and Park District

Mayor Scott Minikus
Mayor Pro Tem Bonnie Peat
Council Member David Burke
Council Member Anne Mallari
Council Member Frances Marquez

INVOCATION SeaCoast Grace Church

PLEDGE OF ALLEGIANCE

REPORT OF CLOSED SESSION / WORKSHOP
City Manager/City Attorney

PRESENTATIONS

Introduction of New City Employees

ORAL COMMUNICATIONS ON AGENDA ITEMS (Three minutes per speaker. The City Council may adjust the time allotted per speaker.)

The public may address the City Council on agenda items prior to any action taken. Although Council Members may provide brief responses, the City Council may not engage in a discussion with members of the public during the meeting. Please complete a Speaker's Card to address the City Council in-person. Please follow the instructions at the end of the agenda and wait for the Mayor/City Clerk to call on you to address the City Council virtually. Speakers providing in-person comments will be called first. Members of the public are encouraged to communicate with the City Council via email at adm@cypressca.org or by calling 714-229-6699.

CONSENT CALENDAR
All matters listed on the Consent Calendar are to be approved with one motion unless a Council Member requests separate action on a specific item. Council Members voting no or abstaining on a Consent Calendar item may do so without removing the item from the Consent Calendar.

1. **Introduce and/or Adopt All Ordinances and Resolutions Presented for Consideration by Title Only and to Waive Further Reading**

2. **Second Reading and Adoption of an Ordinance Amending Park Regulations**
   Prepared by: Jeff Draper, Director of Recreation and Community Services

   Recommendation: Approve the second reading and adopt an Ordinance, by title only and waive further reading, amending Section 17-72 of Chapter 17 of the Municipal Code regarding park regulations.

3. Award Contracts for Community Center Roof Replacement, Project 329

Prepared by: Doug Dancs, Director of Public Works

Recommendation:

1. Award a contract to Rite-Way Roofing Corporation for $520,593.53, and authorize a contingency of $52,000; and

2. Approve a Task Order for Construction Inspection Services to Ardurra Group Inc., for $46,120, and authorize a contingency of $4,600.

4. Award Contract for Traffic Signal System Software and Components, Project 352

Prepared by: Doug Dancs, Director of Public Works

Recommendation: Award a contract to SWARCO McCain, Inc. for $998,760.61, for the purchase of Traffic Signal System Software and Components.

5. Award Contract for Veterans Park Pavilion Reconstruction, Project 368

Prepared by: Doug Dancs, Director of Public Works

Recommendation:

1. Award a contract to MDJ Management, LLC., for $171,994.78, and authorize a contingency of $25,800; and

2. Approve a $197,795 appropriation increase in the Recreation and Park District General Fund for the Veterans Park Picnic Pavilion Reconstruction, Project 368.

6. Approve an Amendment to the On-Call Stormwater/Fats Oils and Grease Inspection Services Contract

Prepared by: Doug Dancs, Director of Public Works

Recommendation:

1. Approve an Amendment to the with Charles Abbott Associates for On-Call Stormwater/Fats Oils and Grease Inspection Services; and

2. Appropriate $18,000 to the Strom Drain Fund and $2,000 to the Sewer Fund.

7. Receive and File the 2023 General Plan Annual Progress Report on the Implementation of the Housing Element

Prepared by: Alicia Velasco, Planning Director

Recommendation: Receive and file the 2023 General Plan Annual Progress Report on the implementation of the Housing Element.

8. Approve the Education, Outreach, and Communications Program for the Housing Element Implementation Ballot Measure

Prepared by: Alicia Velasco, Planning Director

Recommendation: Approve the education, outreach, and communications program for the Housing Element implementation ballot measure.

9. Approve a Task Order for an Environmental Impact Report for a Vesting Tentative Tract Map at Los Alamitos Race Course

Prepared by: Alicia Velasco, Planning Director

Recommendation: Approve a task order with LSA for the preparation of an Environmental Impact Report for $212,000 and a contingency of $21,000.

10. Adopt a Resolution Amending Hourly Pay Ranges for Temporary Part-Time and Seasonal Employees

Prepared by: Matt Burton, Director of Finance and Administrative Services

Recommendation: Adopt a Resolution amending hourly pay ranges for temporary part-time and seasonal employees.

11. Establish Pension Trust Goals and Funding Plan

Prepared by: Matt Burton, Director of Finance and Administrative Services

Recommendation:

1. Establish a goal and funding plan for Pension Trust assets to fully offset unfunded CalPERS pension liabilities by 2030; and

2. Authorize investments in the attached PARS Moderate portfolio; and

3. Approve a one-time transfer of $2.5 million from the City's General Fund assigned fund balance for the Pandemic Recovery Plan to the Employee Benefits Fund for investment in the Pension Trust; and

4. Approve a one-time transfer of $2 million from the City's Infrastructure Bank to the Employee Benefits Fund for investment in the Pension Trust.

12. Receive and File the Investment Report for the Month Ended February 29, 2024

Prepared by: Matt Burton, Director of Finance and Administrative Services

Recommendation: Receive and file the attached investment report.

13. Receive and File Register of Warrants, Transfers, and Wires Issued for the Period of February 10, 2024 through March 8, 2024.

Prepared by: Matt Burton, Director of Finance and Administrative Services

Recommendation: Receive and file the attached payment register summarized below for the period of February 10, 2024 through March 8, 2024:

- Electronic Funds Transfers 14545 through 14778
- Warrants 64532 through 64697
- Payroll Transfers W1523 through W1524

NEW BUSINESS

14. Approve a Service Agreement for Electronic Filing of Campaign Disclosure Statements, Statements of Economic Interest (Form 700), and Ethics Training Module

Prepared by: Alisha Farnell, City Clerk

Recommendation: Approve an agreement with NetFile, Inc. in an amount not to exceed $7,000 annually for electronic filing systems for campaign disclosure statements, statements of economic interest (Form 700), and an ethics training module.

15. Approve a Purchase and Sale Agreement for City-Owned Property at 5732 Lincoln Avenue

Prepared by: Alicia Velasco, Planning Director

Recommendation:

1. Adopt a Resolution approving a Purchase and Sale Agreement for City-owned property at 5732 Lincoln Avenue to Olson Urban Housing, LLC; and

2. Authorize the City Manager to sign and finalize documents associated with the sale; and

3. Find the project exempt from California Environmental Quality Act requirements.

16. Review, Potentially Revise, and Adopt the City Council's Civility, Conduct, Ethics and Governance Policy

Prepared by: Peter Grant, City Manager

Recommendation:

1. Review, Potentially Revise, and Adopt the City Council's Civility, Conduct, Ethics, and Governance Policy; and

2. Require each Council Member to sign the Civility, Conduct, Ethics, and Governance Policy and Code of Ethics by April 5, 2024.

ITEMS REMOVED FROM CONSENT CALENDAR

ORAL COMMUNICATIONS (Three minutes per speaker. The City Council may adjust the time allotted per speaker.)

The public may address the City Council on any item within the subject matter jurisdiction of the City Council. Although Council Members may provide brief responses, the City Council may not discuss nor take action on items that are not on the agenda. Please complete a Speaker's Card to address the City Council in-person. Members of the public are encouraged to communicate with the City Council via email at adm@cypressca.org or by calling 714-229-6699.

COUNCIL MEMBER REPORTS FROM CITY-AFFILIATED BOARDS AND COMMITTEES AND REMARKS

COUNCIL MEMBER ITEMS FOR FUTURE CONSIDERATION

CITY MANAGER REMARKS

ADJOURNMENT

The next meeting will be an adjourned Regular Meeting, to be held on Monday, April 22, 2024, beginning at 5:30 p.m. in the Executive Board Room.

Council Members and the public should promptly exit the Council Chambers and proceed through the Civic Center to the parking lot.

I hereby certify under penalty of perjury under the laws of the State of California, that the foregoing Agenda was posted on the City Hall bulletin board and City website not less than 72 hours prior to the meeting. Dated this 21st day of March, 2024.

_____

Alisha Farnell, City Clerk

PUBLIC PARTICIPATION

Members of the public can participate in the City Council meeting in the following ways:

1. Attend In-Person. First-come, first-served seating is available. All attendees must be free of any symptoms associated with contagious illnesses.

2. Attend Virtually via Webinar. Follow this link: **https://attendee.gotowebinar.com/register/8019369403264300 47** . Advanced registration is recommended.

The public may address the City Council virtually during Oral Communications on Agenda Items and Public Hearings. Virtual participants must click the 'hand raise' button prior to the end of the first in-person speaker to indicate they wish to address the City Council. Upon clicking the 'hand raise' button, please unmute your microphone and wait for the Mayor/City Clerk to call on you.

 = Hand Raise  = Unmute

3. Submit Public Comments Prior to the Meeting. The public may submit comments via email to cityclerk@cypressca.org. Comments submitted by 3:00 p.m. on the day of the meeting will be added to the City Council agenda as a Consent Calendar item.

4. Watch the Meeting. The City Council meeting can be viewed on Spectrum Cable Channel 36 or on the City's website at **www.cypressca.org/watchlive**.

5. Listen to the Meeting. Listen-only teleconferencing is available by calling (415) 655-0052 and entering Access Code 213-325-215. No registration or audio pin is necessary.

INVOCATION POLICY

The City Council does not endorse the content of the invocation and does not endorse the invocational speaker's particular faith, belief and/or religious denomination. The City Council has an established neutral policy for selecting and scheduling invocational speakers. The City Council's policy on invocations is available from the City Clerk.

AMERICANS WITH DISABILITIES ACT

In compliance with the Americans With Disabilities Act, if you need special assistance to participate in this meeting, you should contact the City Clerk at (714) 229-6685 at least 72 hours prior to the meeting to enable the City to make reasonable arrangements to assure accessibility to this meeting.

CITY OF CYPRESS

CITY COUNCIL REPORT

City Council Regular **2.**

FROM: Jeff Draper, Director of Recreation and Community Services

DATE: 03/25/2024

SUBJECT: **Second Reading and Adoption of an Ordinance Amending Park Regulations**

RECOMMENDATION

Approve the second reading and adopt an Ordinance, by title only and waive further reading, amending Section 17-72 of Chapter 17 of the Municipal Code regarding park regulations.

DISCUSSION

On March 11, the City Council conducted a public hearing and approved the first reading of an Ordinance amending section 17-72 of Chapter 17 of the Municipal Code relating to park regulations.

It is recommended the City Council approve the second reading and adopt the attached Ordinance. Once approved, the Ordinance will become effective April 24, 2024.

BUDGET IMPACT

None.

LEGAL REVIEW

This ordinance was reviewed and approved by the City Attorney.

APPROVED BY: Peter Grant, City Manager

Attachments

Ordinance

ORDINANCE NO. ____

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF CYPRESS, CALIFORNIA, AND ACTING AS EX-OFFICIO BOARD OF DIRECTORS OF THE CYPRESS RECREATION AND PARK DISTRICT, AMENDING SECTION 17-72 OF THE CYPRESS MUNICIPAL CODE RELATING TO PARK REGULATIONS AND FINDING THE ACTION EXEMPT FROM THE CALIFORNIA ENVIRONMENTAL QUALITY ACT

WHEREAS, the City Council of the City of Cypress, also acting as the ex-officio Board of Directors for the Cypress Recreation and Park District, desires to update the City's park regulations; and

WHEREAS, park regulations protect park areas and recreation facilities for the enjoyment, convenience, and safety of park visitors; and

WHEREAS, on March 11, 2024, the City Council held a duly noticed public hearing and considered public testimony and evidence on this Ordinance.

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF CYPRESS DOES ORDAIN AS FOLLOWS:

SECTION 1. The City Council hereby specifically finds that all of the facts set forth in the above Recitals are true and correct and are incorporated herein as findings of the City Council.

SECTION 2. Section 17-72 (Park Regulations) of Chapter 17 of the Cypress Municipal Code is hereby amended as follows (~~strikethrough~~ represents deleted language while underline represents added language):

17-72. Park Regulations

For the purposes of this section, the following terms shall have the meanings set forth herein:

1. Park means any public park or portion thereof, including a body of water, a publicly owned recreation or playground area, or any building or recreation facility thereon, including parking lot areas adjacent thereto, within the city which is owned and maintained by the city and/or the Cypress Recreation and Park District as a public park whether or not such has been formally dedicated to such purpose.

2. Recreation facility means any building or structure which is located on public property, including parking lot areas adjacent thereto, and available for use by the public for recreation purposes which is owned and maintained by the city and/or the Cypress Recreation and Park District.

It shall be unlawful for any person within the limits of any park or other recreation facility ~~(as those terms are defined in subsection (v) below)~~ owned and operated by the city and/or the Cypress Recreation and Park District to:

(a) Lead or let loose any animal except:

1. Dogs on a leash or cats, which are under the immediate control of the custodian of the same; or

2. Small pets which are held by a custodian at all times.

The provisions of this section shall not apply to any city~~/~~district~~-~~sanctioned program, activity, or event which makes an exception to this subsection.

(b) ~~Distribute any handbill or circular on or within any city park or recreation facility, or p~~Post or affix to any city/district park or recreation facility property, any bills, notice,

paper or advertising device or matter of any kind. The distribution of fliers at any city/district sanctioned event shall be conducted only at the times and locations determined by the city/district.

(c) Camp or lodge overnight. No person shall erect tents, shacks, or any other temporary shelter for the purpose of overnight camping in violation of Section 17-4, nor shall any person leave in a park after closing hours any movable structure or vehicle that could be used for such purpose in violation of Section 17-4. The provisions of this section shall not apply when in connection with a city/district-sanctioned event.

(d) Construct or erect any building or structure of whatever kind, whether permanent or temporary in character, without permit from the city/district for such purpose.

(e) Enter, remain within, or loiter in or upon any park or recreation facility during the hours such park or facility is deemed closed by posted signs except to attend a city/district sanctioned event or pursuant to an authorization issued by the city/district and then only in such park area or recreation facility area as designated by the city/district. This section shall not be enforced against persons experiencing homelessness ~~persons~~ for sitting, lying, or sleeping on any park or recreation facility if the City determines such enforcement would be inconsistent with any applicable state or federal law or regulation. ~~when no alternative shelter is available in accordance with the holding in *Martin v. City of Boise* (9th Cir. 2018) 902 F.3d 1031, and only during the timeframe that the case of *Martin v. City of Boise* (9th Cir. 2018) 902 F.3d 1031, is applicable law within the jurisdiction of the Ninth Circuit unless the procedures in Section 17-4(e)(2) are followed.~~

(f) Engage in any disorderly conduct. Disorderly conduct includes, but is not limited to:

1. ~~To engage in r~~Riotous, threatening or indecent conduct, or using abusive, threatening, or profane language

2. Any other violation of any section of the Penal Code section of the State of California regarding disorderly conduct

(g) Consume, distribute, or be in the possession of any alcoholic beverage except pursuant to an authorization issued by the city/district.

(h) Smoke or use tobacco and/or cannabis products within 25 feet of a playground, tot lot sandbox, or recreational area specifically designed for use by children, and within 250 feet of a youth sports event, which includes any practice, game, or related activity at which athletes up to 18 years of age are present.

(~~h~~i) Possess, transport, purchase, sell, give~~ing~~ away, ~~or~~ consume or ingest any nonprescription narcotics or illegal drugs.

(~~i~~j) Hold any organized or sponsored event, service, ~~sporting event,~~ concert, ~~exercise,~~ parade or exhibition consisting of ~~at which more than~~ twenty-five (25) or more persons ~~are expected to attend~~ without first obtaining a permit for such event from the city/district.

(k) Hold any organized exercise or athletic activity, practice, competition, camp, or tournament consisting of ten (10) or more persons without first obtaining a permit for such athletic activity from the city/district.

(l) Engage in any activity of any size that would unreasonably damage the park, recreation facility, or related amenities beyond normal wear and tear.

(~~j~~m) Light or maintain any fire except in designated picnic stoves, barbecues, fire pits or other area provided for such purposes.

(~~k~~n) Operate battery or fuel-powered model or miniature helicopters or airplanes, drones, rockets or missiles of any type except in areas designated by the city/district for such purposes.

(~~l~~o) Play, practice or in any way engage in the game of golf except at times and places designated by the city/district for such purposes.

(~~m~~p) ~~To p~~Practice, carry on, conduct or solicit for any trade, occupation, business or profession of whatsoever kind or character without permission of the city/district. Nothing in the ~~S~~subsection is intended to prevent any person from expressing freedoms protected by the First Amendment.

(~~n~~q) Dig or remove any soil, rock, stone, tree, shrub or plant, down-timber or other wood materials, or make any excavation by tool, equipment, blasting, or other means, except in designated sandboxes of the city/district. No materials, substances or objects shall be placed in the sandbox sand.

(~~o~~r) Willfully mark, deface, disfigure, injure, tamper with, displace or remove, any building, bridge, table, bench, fireplace, railing, paving, water line or other public utility, sign, notice or placard, monument, post, or other structure or equipment.

(~~p~~s) Install, use or operate a loudspeaker or any sound-amplifying equipment for the purpose of giving instruction, direction, talks, lectures, or of transmitting music to any persons in any park except under permit issued by the city and when operated in accordance with the terms of such permit. No person shall play any ~~radio, tape recorder or other~~ electronic sound-producing device, including those inside vehicles, at such a volume so as to be audible at a distance of 150 feet or more.

(~~q~~t) ~~For any female to expose the areola(s) of her breast(s), except while breastfeeding an infant, or for any person, male or female, to expose his or her genitalia or buttocks. The provisions of this section shall not apply to persons four (4) years of age or younger.~~ For any person over the age of four years old to appear, bathe, sunbathe, walk or be on any public park, playground, or on any other public land, or on any private property open to public view from any playground, park, public place, or public right-of-way in such a manner as to knowingly and intentionally expose his or her genitals, pubic hair, perineum, anal region or pubic hair region, or expose the nipples and/or areola of the female breast except as necessary while engaging in breastfeeding.

(~~r~~u) Throw, discard or dispose of any garbage or refuse upon the ground or in any place other than a garbage can or other receptacle maintained for such purpose. Large construction trash, waste, household furniture, grease, cooking oil or motor oil may not be disposed of in any garbage can or receptacle in a ~~city~~ park or recreation facility.

(~~s~~v) Molest, harass, injure or kill any animal. For the purposes of this section, harass is defined as an intentional act that disrupts an animal's normal behavior patterns, which includes but is not limited to, breeding, feeding or sheltering.

(~~t~~w) Drive or otherwise operate an e-bike or other motorized vehicle within a park or recreation facility, except upon surfaces ~~other than those~~ maintained and open to the public for purposes of vehicular travel. No person shall ride or propel a bicycle, scooter, skateboard, ~~or~~ roller skates, or other motorized vehicle outside of areas designated for such use. The provisions of this section shall not apply to any city/district-sanctioned program, activity, or event which makes an exception to this subsection.

(~~u~~x) Swim, fish in, bathe in, wade in, release pet animals in or pollute the water of any fountain, pond, lake, stream, reservoir or other area not designated for such purposes except by permission of the city/district.

~~(v) For the purposes of this section, the following terms shall have the meanings set forth herein:~~

~~1. *Park* means any public park or portion thereof, including a body of water, a publicly owned recreation or playground area, or any building or recreation facility thereon, including parking lot areas adjacent thereto, within the city which is owned and maintained by the city and/or the Cypress Recreation and Park District as a public park whether or not such has been formally dedicated to such purpose.~~

~~2. *Recreation facility* means any building or structure which is located on public property and available for use by the public for recreation purposes which is owned and maintained by the city and/or the Cypress Recreation and Park District.~~

(~~w~~y) 1. No owner or other person having the charge, custody or control of any dog(s) shall permit, either willfully or through failure to exercise due care, any such dog(s) to defecate and to allow any such feces to remain in any park or recreation facility~~, as those terms are defined in subsection (v) above~~.

2. Any person having charge, custody or control of any dog(s), in a park or recreational facility, shall have in possession a suitable disposable bag or container for the purpose of complying with the requirements of this section.

3. For purposes of this subsection, a "suitable disposable bag or container" shall not be considered to be an article of clothing.

4. The provisions of this section shall not apply to ~~blind~~ persons being accompanied by a trained ~~guide dog~~ service animal.

5. Any person violating any of the provisions of subsections (~~w~~y)1., 2., or 3. shall be deemed guilty of an infraction and upon conviction thereof shall be punished by a fine not to exceed ~~one~~two hundred and fifty dollars ($~~100.00~~250.00).

(~~x~~z) Lead, possess, consume, use the following equipment, or carry out any activity likely to do damage on synthetic turf athletic fields:

1. Pets or other animals.

2. Food, gum, seeds, tobacco products, or any other substances that can stain.

3. Drinks other than water in non-breakable containers.

4. Metal cleats, plastic cleats longer than one inch, or footwear containing mud or debris.

5. Equipment with sharp or narrow legs or posts including but not limited to flags, shade structures, tents, stakes, and umbrellas.

6. Vehicles of any kind including but not limited to automobiles, bicycles, scooters, skateboards, RC cars, planes, drones, or other vehicles ~~that use fuel~~ with powered motors.

7. Any person violating any of the provisions of subsection (~~x~~z) of this section shall be deemed guilty of an infraction and upon conviction thereof shall be punished by a fine not to exceed five hundred dollars ($500.00) ~~or~~ plus the cost to clean or repair any damage caused~~, whichever is greater~~.

SECTION 3. CEQA. This Ordinance is exempt from the requirements of the California Environmental Quality Act (CEQA) because: (1) it does not constitute a "project" under CEQA Guidelines Section 15378(b)(2) in that it constitutes general policy and procedure making; (2) it does not constitute a "project" under CEQA Guidelines Section 15378(b)(5) in that it has no potential for resulting in physical change to the environment, either directly or indirectly, and (3) in the alternative, it is exempt from CEQA pursuant to CEQA Guidelines Section 15060(c)(2), since the activity will not result in direct or reasonably foreseeable indirect physical change in the environment, and Section 15061(b)(3), since it can be seen with certainty that there is no possibility that this

Ordinance will have a significant effect on the environment, because the Ordinance is limited to amending park regulations within the City/District. No new construction is proposed.

SECTION 4. Severability. Should any provision of this Ordinance, or its application to any person or circumstance, be determined by a court of competent jurisdiction to be unlawful, unenforceable or otherwise void, that determination shall have no effect on any other provision of this Ordinance or the application of this Ordinance to any other person or circumstance and, to that end, the provisions hereof are severable. The City Council of the City of Cypress declares that it would have adopted all the provisions of this Ordinance that remain valid if any provisions of this Ordinance are declared invalid or unconstitutional.

SECTION 5. Effective date. This Ordinance shall become effective thirty (30) days from its adoption.

SECTION 6. Certification. The Mayor shall sign and the City Clerk shall certify to the passage and adoption of this Ordinance and shall cause the same to be published and posted pursuant to the provisions of law in that regard.

PASSED, APPROVED, AND ADOPTED by the City Council of the City of Cypress, and acting as ex-officio Board of Directors of the Cypress Recreation and Park District at a regular meeting held on the ___ day of _____, 2024.

_____
MAYOR OF THE CITY OF CYPRESS

ATTEST:

_____
CITY CLERK OF THE CITY OF CYPRESS

STATE OF CALIFORNIA }
COUNTY OF ORANGE } SS

I, ALISHA FARNELL, City Clerk of the City of Cypress, DO HEREBY CERTIFY that the foregoing Ordinance was duly adopted at a regular meeting of said City Council held on the ___ day of _____, 2024, by the following roll call vote:

AYES: COUNCIL MEMBERS:
NOES: COUNCIL MEMBERS:
ABSENT: COUNCIL MEMBERS:

_____
CITY CLERK OF THE CITY OF CYPRESS

CITY OF CYPRESS

CITY COUNCIL REPORT

City Council Regular **3.**

FROM: Douglas Dancs, Director of Public Works

DATE: 03/25/2024

SUBJECT: **Award Contracts for Community Center Roof Replacement, Project 329**

RECOMMENDATION

1. Award a contract to Rite-Way Roofing Corporation for $520,593.53, and authorize a contingency of $52,000; and

2. Approve a Task Order for Construction Inspection Services to Ardurra Group Inc., for $46,120, and authorize a contingency of $4,600.

DISCUSSION

The FY 2023-24 Capital Improvement Program (CIP) includes a project to replace the Cypress Community Center roof. The existing roof is over 15 years old and has reached the end of its useful life, is prone to leaks, and needs replacement.

Public Works is making use of Sourcewell ezIQC, an Indefinite Delivery, Indefinite Quantity (IDIQ) procurement process which are competitively-bid contracts awarded to contractors to accomplish the repair, alteration, modernization, and rehabilitation of infrastructure and facilities. Unlike traditional bidding where each project is scoped, designed, and put out to bid separately, Sourcewell ezIQC achieves competitively-bid pricing upfront and eliminates the need to separately bid each project, which is more efficient, simplifies the process, and produces faster response times from contractors. Sourcewell is a government cooperative that facilitates the competitive bidding process, and competitively solicits and awards cooperative purchasing contracts for use by federal, state and municipal agencies, K-12 and higher education entities, nonprofits, and tribal governments. Such cooperative purchasing agreements are allowed under Municipal Code Section 21A-10(e) and the California Government Code, enabling public entities to benefit from shared contracting efforts.

Sourcewell has contracted Gordian to administer the ezIQC program for Sourcewell members around the country. Through Gordian, Public Works is able to engage qualified contractors for general construction tasks. Gordian facilitated a comprehensive evaluation of the project site with Public Works and the contractor, Rite-Way Roofing Corporation. After a thorough review of the project scope of work, Rite-Way Roofing submitted a proposal for the

replacement of the Community Center roof for $520,593.53, which was 15-20% less than Public Works engineering cost estimate. This expedited procurement process was completed in just two weeks, which is significantly less time than the two months traditional bidding would have taken.

Ardurra Group Inc., the City's on-call construction manager, will inspect the project. Public Works coordinated with Community Center staff and construction will begin in May and take approximately two months to complete. The Community Center will remain open during construction, but room rentals will be affected in May.

BUDGET IMPACT

Total estimated project costs will not exceed $623,313.53. Sufficient amounts are budgeted in the Recreation and Park District's General Fund for project construction and inspection.

LEGAL REVIEW

The City has previously utilized Sourcewell for the purchase of products but not for construction projects. As this would be the first construction project using cooperative purchasing, the City Attorney has reviewed the process, prepared the construction agreement which incorporates the contractor's proposal, and determined it is consistent with purchasing arrangements authorized by Municipal Code Section 21A-10(e).

Also, attached is the Sourcewell contract for master Indefinite Delivery-Indefinite Quantity Construction Contracts. The construction component included in the contract recommended for award is compliant with Sourcewell unit prices, including labor.

APPROVED BY: Peter Grant, City Manager

Attachments

Contract Agreement
Task Order
Sourcewell Contract

CONTRACT AGREEMENT FORM FOR CONSTRUCTION SERVICES - ezIQC CONTRACTING

(TO BE EXECUTED AFTER CONTRACT AWARD)

AGREEMENT FOR CONSTRUCTION SERVICES (ezIQC CONTRACTING)
BETWEEN CITY OF CYPRESS AND
RITE-WAY ROOFING CORPORATION

FOR

COMMUNITY CENTER ROOF REPLACEMENT, PROJECT 329

THIS AGREEMENT FOR CONSTRUCTION SERVICES ("**Agreement**") is made and entered into on March 25, 2024 ("**Effective Date**"), by and between the City of Cypress, a California municipal corporation and Rite-Way Roofing Corporation ("**Contractor**"). City and Contractor may be referred to, sometimes individually or collectively, as "**Party**" or "**Parties**." Contractor's State License Number is [License No.] and DIR Registration Number is [DIR No.]

RECITALS

A. City desires a public works project for [PROJECT NAME / DESCRIPTION] ("**Project**") and issued a Notice Inviting Bids dated [NIB DATE] for the Project.

B. Bids for the Project were received, publicly opened, and declared on the date specified in said notice, or as otherwise accepted and processed through those procedures and approvals authorized under the City of Cypress Municipal Code.

C. City accepted the bid of Contractor dated [BID DATE] pursuant to legal requirements and selected Contractor for the Project.

D. City desires to retain Contractor, on an independent contractor basis, for the Project, as more particularly described below.

E. Contractor represents that it is fully qualified to perform such services by virtue of its experience and the training, education and expertise of its principals and employees.

F. Pursuant to the City of Cypress Municipal Code and California state law, City has authority to enter into and execute this Agreement.

G. The Parties desire to formalize the selection of Contractor for performance of the services and desire that the terms of that performance be as particularly defined and described herein.

NOW, THEREFORE, in consideration of the mutual promises and covenants made by the Parties and contained herein and other consideration, the value and adequacy of which are hereby acknowledged, the Parties agree as follows:

AGREEMENT

ARTICLE 1. CONTRACTOR SERVICES

1.1 Scope of Work.

The Contractor shall perform all of the work, furnish all labor, materials, equipment, tools, utility services, and transportation, and comply with all of the specifications and requirements (collectively referred to herein as the "**services**" or "**work**" hereunder) in the Contract Documents for [PROJECT NAME / DESCRIPTION] ("**Project**"). All such work shall be performed in a good and workmanlike manner, as reasonably determined by the City, and shall be performed in compliance with all local, state, and federal laws and regulations. By entering into this Agreement, Contractor acknowledges that there may be other contractors on the site whose work will be coordinated with that of its own. Contractor expressly agrees that it will cooperate with other contractors and will do nothing to delay, hinder, or interfere with the work of other separate contractors, the City, the Project Manager, architects, inspectors, engineers, or utilities. As used herein, "**Contract Documents**" refers to all of the following documents, all of which are component parts of this Agreement as if herein set out in full or attached hereto:

A. Notice of Inviting Bids, Bid Forms & Instructions to Bidders

B. Scope of Work, if any

C. Plans for the Project, if any

D. Project Construction Schedule

E. General Specifications and Provisions, if any

F. Special Provisions for the Project, if any

G. Standard Specifications

H. Technical Specifications

I. Addendum(s) as issued

J. Contractor's Signed Bid Proposal and Information Required of Bidder

K. Designated Subcontractors List, if any

L. Bid Bond, Performance Bond, Labor & Materials Payment Bond, and any other Bonds as required by this Agreement

M. Insurance Certificates and Written Endorsements

N. Notice to Proceed (issued by the City)

O. Notice of Completion (issued by the City at final completion of the project)

P. Guaranty Form

Q. All Changes Orders properly authorized after execution of Agreement.

The Contract Documents are incorporated into this Agreement and made part hereof. In the event of any conflict between the terms of the Contract Documents and this Agreement, the terms of this Agreement shall govern.

1.2 Incorporation of Greenbook.

The provisions of the 2018 Edition of the Standard Specifications for Public Works Construction, as updated by errata, ("**Greenbook**") are incorporated herein as the Standard Specifications, except as explicitly modified herein or by the Contract Documents. In the event of any conflict between the provisions of the Greenbook and this Agreement, the terms of this Agreement shall govern.

1.3 Compliance with Labor and Wage Laws.

(a) Public Work. The Parties acknowledge that the work to be performed under this Agreement is a public work as defined in Labor Code section 1720 and that this Agreement is therefore subject to the requirements of Division 2, Part 7, Chapter 1 (commencing with Section 1720) of the California Labor Code relating to public works contracts and the rules and regulations established by the Department of Industrial Relations ("**DIR**") implementing such statutes. The work performed under this Agreement is subject to compliance monitoring and enforcement by the DIR. Contractor shall post job site notices, as prescribed by regulation.

(b) Registration with DIR. Pursuant to Labor Code section 1771.1, Contractor and all subcontractors must be registered with, and pay an annual fee to, the DIR prior to and during the performance of any work under this Agreement.

(c) Prevailing Wages. Contractor shall pay prevailing wages to the extent required by Labor Code section 1771. Pursuant to Labor Code section 1773.2, copies of the prevailing rate of per diem wages are on file at City Hall and on the DIR website at http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm and will be made available to any interested party on request. By initiating any work under this Agreement, Contractor acknowledges receipt of a copy of the DIR determination of the prevailing rate of per diem wages, and Contractor shall post a copy of the same at each job site where work is performed under this Agreement. If this Agreement is subject to the payment of federal prevailing wages under the Davis-Bacon Act (40 U.S.C. § 3141 *et seq.*), then Contractor shall pay the higher of either the state or federal prevailing wage applicable to each laborer.

(d) Penalty for Failure to Pay Prevailing Wages. Contractor shall comply with and be bound by the provisions of Labor Code sections 1774 and 1775 concerning the payment of prevailing rates of wages to workers and the penalties for failure to pay prevailing wages. The Contractor shall, as a penalty to the City, forfeit the sum of $200 for each calendar day, or portion thereof, for each worker paid less than the prevailing rates as determined by the DIR for the work or craft in which the worker is employed for any public work done pursuant to this Agreement by Contractor or by any subcontractor.

(e) Payroll Records. Contractor shall comply with and be bound by the provisions of Labor Code section 1776, which requires Contractor and each subcontractor to: keep accurate payroll records and verify such records in writing under penalty of perjury, as specified in Labor Code section 1776; certify and make such payroll records available for inspection as provided by Labor Code section 1776; and inform the City of the location of the records. Contractor shall submit all required reporting and records directly to the DIR.

(f) Apprentices. Contractor shall comply with and be bound by the provisions of Labor Code sections 1777.5, 1777.6, and 1777.7 and California Code of Regulations Title 8, section 200 *et seq.* concerning the employment of apprentices on public works projects. Contractor shall be responsible for compliance with these aforementioned Sections for all apprenticeable occupations. Prior to commencing work under this Agreement, Contractor shall provide City with a copy of the information submitted to any applicable apprenticeship program. Within sixty (60) days after concluding work pursuant to this Agreement, Contractor and each of its subcontractors shall submit to the City a verified statement of the journeyman and apprentice hours performed under this Agreement.

(g) Eight-Hour Work Day. Contractor acknowledges that eight (8) hours labor constitutes a legal day's work. Contractor shall comply with and be bound by Labor Code section 1810.

(h) Penalties for Excess Hours. Contractor shall comply with and be bound by the provisions of Labor Code section 1813 concerning penalties for workers who work excess hours. The Contractor shall, as a penalty to the City, forfeit twenty-five dollars ($25) for each worker employed in the performance of this Agreement by the Contractor or by any subcontractor for each calendar day during which such worker is required or permitted to work more than eight (8) hours in any one calendar day and forty (40) hours in any one calendar week in violation of the provisions of Division 2, Part 7, Chapter 1, Article 3 of the Labor Code. Pursuant to Labor Code section 1815, work performed by employees of Contractor in excess of eight (8) hours per day, and forty (40) hours during any one week, shall be permitted upon public work upon compensation for all hours worked in excess of 8 hours per day at not less than one and one-half (1½) times the basic rate of pay.

(i) Workers' Compensation. California Labor Code sections 1860 and 3700 provide that every employer will be required to secure the payment of compensation to its employees if it has employees. In accordance with the provisions of California Labor Code section 1861 and Section 5.1 and 5.2 of this agreement, Contractor certifies as follows:

> "I am aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this contract."

(j) Contractor's Responsibility for Subcontractors. For every subcontractor who will perform work under this Agreement, Contractor shall be responsible for such subcontractor's compliance with Division 2, Part 7, Chapter 1 (commencing with Section 1720)

of the California Labor Code, and shall make such compliance a requirement in any contract with any subcontractor for work under this Agreement. Contractor shall be required to take all actions necessary to enforce such contractual provisions and ensure subcontractor's compliance, including without limitation, conducting a review of the certified payroll records of the subcontractor on a periodic basis or upon becoming aware of the failure of the subcontractor to pay his or her workers the specified prevailing rate of wages. Contractor shall diligently take corrective action to halt or rectify any such failure by any subcontractor.

1.4 Compliance with Law.

All services rendered hereunder shall be provided in accordance with all ordinances, resolutions, statutes, rules and regulations of City and any federal, state or local governmental agency having jurisdiction in effect at the time services are rendered. City, and its elected and appointed officers, employees, agents, designated volunteers, attorneys, successors and assigns shall not be liable at law or in equity for failure of Contractor to comply with this Section.

1.5 Licenses, Permits, Fees and Assessments.

Contractor has California State Contractor's License Board License Classification [LICENSE CLASS], No. [LICENSE NO.] and shall maintain said license and obtain and maintain, at its sole cost and expense, such licenses, permits, registrations, and approvals as may be required by law for the performance of the services required by this Agreement. Contractor shall have the sole obligation to pay for any fees, assessments and taxes, plus applicable penalties and interest, which may be imposed by law and arise from or are necessary for the Contractor's performance of the services required by this Agreement, and shall indemnify, defend and hold harmless City, its officers, employees or agents of City, against any such fees, assessments, taxes, penalties or interest levied, assessed or imposed against City hereunder.

1.6 Familiarity with Work.

By executing this Agreement, Contractor warrants that Contractor (i) has thoroughly investigated and considered the Scope of Work to be performed, (ii) has carefully considered how the services should be performed, and (iii) fully understands the facilities, difficulties and restrictions attending performance of the services under this Agreement. If the services involve work upon any site, Contractor warrants that Contractor has or will investigate the site and is or will be fully acquainted with the conditions there existing, prior to commencement of services hereunder.

1.7 Discovery of Unknown Conditions.

(a) Pursuant to Public Contract Code section 7104, Contractor shall promptly, and before the following conditions are disturbed, notify the City, in writing, of any: (i) material Contractor believes may be hazardous waste as defined in Section 25117 of the Health & Safety Code required to be removed to a Class I, II, or III disposal site in accordance with existing law; (ii) subsurface or latent physical conditions at the site differing from those indicated by information about the site made available to bidders prior to the deadline for submitting bids on the project; or (iii) unknown physical conditions at the site of any unusual nature, different materially from those

ordinarily encountered and generally recognized as inherent in work of the character provided for in this Agreement.

(b) City shall promptly investigate the conditions, and if it finds that the conditions do materially so differ, or do involve hazardous waste, and cause a decrease or increase in Contractor's cost of, or the time required for, performance of any part of the work, shall issue a change order in accordance with this Agreement.

(c) In the event that a dispute arises between City and Contractor whether the conditions materially differ, or involve hazardous waste, or cause a decrease or increase in Contractor's cost of, or time required for, performance of any part of the work, Contractor shall not be excused from any scheduled completion date provided for by the Agreement, but shall proceed with all work to be performed under the Agreement. Contractor shall retain any and all rights provided either by contract or by law, which pertain to the resolution of disputes and protests between the contracting Parties.

1.8 Unidentified Utilities.

To the extent required by Government Code section 4215, City will compensate Contractor for the cost of locating, repairing damage not due to the failure of Contractor to exercise reasonable care, and removing or relocating utility facilities not identified by City in the Contract Documents with reasonable accuracy, and for equipment on the project necessarily idled during such work. Nothing herein shall be deemed to require City to indicate the presence of existing service laterals or appurtenances whenever the presence of such utilities on the project site can be inferred from the presence of other visible facilities, such as buildings, meters, and junction boxes, on or adjacent to the site of the construction; provided, however, nothing herein shall relieve City from identifying main or trunklines in the plans and specifications. If Contractor, while performing the work, discovers utility facilities not identified by City in the plans or specifications, Contractor shall immediately notify City and the utility in writing. This Agreement is subject to Government Code sections 4216 through 4216.9. Contractor must notify utilities and obtain an identification number before excavation or be subject to liability for damages to subsurface installations. Pursuant to Government Code Sections 4216 through 4216.9, the methods used and costs involved to locate existing elements, points of connection and all construction methods are Contractor's sole responsibility. Accuracy of information furnished, as to existing conditions, is not guaranteed. Contractor, at its sole expense, must make all investigations necessary to determine locations of existing elements, which may include, without limitation, contacting U.S.A. alert and other private underground locating firm(s), and/or utilizing potholes, specialized locating equipment and/or hand trenching.

1.9 Trench Excavation.

Pursuant to Labor Code section 6705, if this Agreement is for more than $25,000 and requires the excavation of any trench or trenches five feet or more in depth, Contractor shall submit, in advance of such excavation, a detailed plan showing the design of shoring, bracing, sloping, or other provisions to be made for worker protection from the hazard of caving ground during the excavation of such trench or trenches. The plan shall be reviewed and accepted by the City, or a registered civil or structural engineer employed by the City to whom authority has been

delegated, prior to the excavation. If the plan varies from the shoring system standards, the plan shall be prepared by a registered civil or structural engineer. This section shall not be deemed to allow the use of a shoring, sloping, or protective system less effective than that required by the Construction Safety Orders. This subsection shall not be construed to impose tort liability on the City or any of its employees. Full compensation for sheeting, shoring, bracing, sloping, and all other provisions required for worker protection shall be considered as included in the contract price shown in the appropriate Bid item, and no additional compensation will be allowed therefor.

1.10 Protection and Care of Work and Materials.

The Contractor shall adopt reasonable methods, including providing and maintaining storage facilities, during the life of the Agreement, to furnish continuous protection to the work, and the equipment, materials, papers, documents, plans, studies and/or other components thereof to prevent losses or damages, and shall be responsible for all such damages, to persons or property, until acceptance of the work by City, except such losses or damages as caused by City's own negligence. Stored materials shall be reasonably accessible for inspection. Contractor shall not, without City's consent, assign, sell, mortgage, hypothecate, or remove equipment or materials which have been installed or delivered and which may be necessary for the completion of the work.

1.11 Warranty.

Contractor warrants all work under the Agreement (which for purposes of this Section shall be deemed to include unauthorized work which has not been removed and any non-conforming materials incorporated into the work) to be of good quality and free from any defective or faulty material and workmanship. Contractor agrees that for a period of one year (or the period of time specified elsewhere in the Agreement or in any guarantee or warranty provided by any manufacturer or supplier of equipment or materials incorporated into the work, whichever is later) after the date of final acceptance, Contractor shall within ten (10) calendar days after being notified in writing by the City of any defect in the work or non-conformance of the work to the Agreement, commence and prosecute with due diligence all work necessary to fulfill the terms of the warranty at its sole cost and expense. Contractor shall act as soon as requested by the City in response to an emergency. In addition, Contractor shall, at its sole cost and expense, repair, remove and/or replace any portions of the work (or work of other contractors or subcontractors) damaged by its defective work or which becomes damaged in the course of repairing or replacing defective work. For any work so corrected, Contractor's obligation hereunder to correct defective work shall be reinstated for an additional one year period, commencing with the date of acceptance of such corrected work. Contractor shall perform such tests as the City may require to verify that any corrective actions, including, without limitation, redesign, repairs, and replacements comply with the requirements of the Agreement. All costs associated with such corrective actions and testing, including the removal, replacement, and reinstitution of equipment and materials necessary to gain access, shall be the sole responsibility of the Contractor. All warranties and guarantees of subcontractors, suppliers and manufacturers with respect to any portion of the work, whether express or implied, are deemed to be obtained by Contractor for the benefit of the City, regardless of whether or not such warranties and guarantees have been transferred or assigned to the City by separate agreement and Contractor agrees to enforce such warranties and guarantees, if necessary, on behalf of the City. In the event that Contractor fails to perform its obligations under this Section, or under any other warranty or guaranty under this Agreement, to the reasonable satisfaction of the City, the

City shall have the right to correct and replace any defective or non-conforming work and any work damaged by such work or the replacement or correction thereof at Contractor's sole expense. Contractor shall be obligated to fully reimburse the City for any expenses incurred hereunder upon demand.

1.12 Additional Work and Change Orders.

(a) City shall have the right at any time during the performance of the services, without invalidating this Agreement, to order extra work beyond that specified in the Scope of Work or make changes by altering, adding to or deducting from said work. No such extra work may be undertaken unless an authorized written change order is first given by the City to the Contractor, incorporating therein any adjustment in (i) the Compensation Sum, and/or (ii) the time to perform this Agreement, which said adjustments are subject to the written approval of the Contractor ("Change Order"). All Change Orders must be signed by the Contractor and City's authorized representative, prior to commencing the extra work thereunder.

(b) Any increase in compensation of up to [CONTINGENCY PERCENTAGE] of the Compensation Sum or any increase in the time to perform of up to [CONTINGENCY TERM] ☐calendar / ☐working days and which are not detrimental to the Work or to the interest of the City, may be approved by the City's Director of Public Works or City Engineer, or either of their designees. Any greater increases, taken either separately or cumulatively, must be approved by the City Council.

(c) Any adjustment in the Compensation Sum for a Change Order must be in accordance with the rates set forth in the Contractor's Bid. If the rates in the Contractor's Bid do not cover the type of work in the Change Order, the cost of such work shall not exceed an amount agreed upon in writing and signed by Contractor and City's Director of Public Works or City Engineer, or either of their designees. If the cost of the Change Order cannot be agreed upon, the City will pay for actual work of the Change Order completed, to the satisfaction of the City, as follows:

(i) Labor: The cost of labor shall be the actual cost for wages of workers and subcontractors performing the work for the Change Order at the time such work is done. The use of labor classifications that would increase the cost of such work shall not be permitted.

(ii) Materials and Equipment: The cost of materials and equipment shall be at cost to Contractor or lowest current price which such materials and equipment are reasonably available at the time the work is done, whichever is lower.

(iii) If the cost of the extra work cannot be agreed upon, the Contractor must provide a daily report that includes invoices for labor, materials and equipment costs for the work under the Change Order. The daily report must include: list of names of workers, classifications, and hours worked; description and list of quantities of materials used; type of equipment, size, identification number, and hours of operation, including loading and transportation, if applicable; description of other City authorized services and expenditures in such

detail as the City may require. Failure to submit a daily report by the close of the next working day may, at the City's sole and absolute discretion, waive the Contractor's rights for that day.

(d) It is expressly understood by Contractor that the provisions of this Section shall not apply to services specifically set forth in the Scope of Work. Contractor hereby acknowledges that it accepts the risk that the services to be provided pursuant to the Scope of Work may be more costly or time consuming than Contractor anticipates and that Contractor shall not be entitled to additional compensation therefor. City may in its sole and absolute discretion have similar work done by other contractors.

(e) No claim for an increase in the Compensation Sum or time for performance shall be valid unless the procedures established in this Section are followed.

1.13 Special Requirements.

Additional terms and conditions of this Agreement, if any, which are made a part hereof are set forth in the "Special Requirements," attached hereto as **Exhibit B** and incorporated herein by this reference. In the event of a conflict between the provisions of Exhibit B and any other provisions of this Agreement or the Bid Documents, the provisions of Exhibit B shall govern.

ARTICLE 2. COMPENSATION AND METHOD OF PAYMENT.

2.1 Compensation Sum.

Subject to any limitations set forth in this Agreement, City agrees to pay Contractor the amount of _____ _____ as set forth in Contractor's Bid attached hereto as **Exhibit A** and incorporated herein by this reference ("**Compensation Sum**"). Subject to any additions or deductions that may be made by Change Order or amendment, and any penalties or damages that may be assessed against Contractor, Contractor shall receive a total compensation no greater than, including reimbursement of Contractor's expenses, an amount not to exceed the contingency amount of _____ plus the Compensation Sum for a total of [CONTRACT NOT-TO-EXCEED AMOUNT (BID+CONTINGENCY)] ("**Contract Sum**") for completion of the work.

2.2 Invoices.

(a) Each month Contractor shall furnish to City an original invoice for all work performed during the preceding month using the form attached hereto as **Exhibit E** and incorporated herein by this reference. By submitting an invoice for payment under this Agreement, Contractor is certifying compliance with all provisions of the Agreement.

(b) All invoices shall include a copy of Contractor's Certified Payroll and proof that Certified Payroll has been submitted to the DIR. Contractor shall also submit a list of the prevailing wage rates (including federal prevailing wage rates, if applicable) for all employees and subcontractors providing services under this Agreement, as applicable, with Contractor's first invoice. If these rates change at any time during the term of the Agreement, Contractor shall submit a new list of rates to the City with its first invoice following the effective date of the rate change.

2.3 Payment.

(a) Payments Made by City. City shall independently review each invoice submitted by the Contractor to determine whether the work performed and expenses incurred are in compliance with the provisions of this Agreement. Except as to any charges for work performed or expenses incurred by Contractor which are disputed by City, City will cause Contractor to be paid any progress payment generally within thirty (30) calendar days of receipt of Contractor's correct and undisputed invoice; however, Contractor acknowledges and agrees that due to City warrant run procedures, the City cannot guarantee that payment will occur within this time period. In the event that City does not cause Contractor to be paid any progress payment within thirty (30) calendar days of receipt of an undisputed and properly submitted invoice and provided the Project is for construction, Contractor shall be entitled to the payment of interest to the extent allowed under Public Contract Code section 20104.50. In the event any charges or expenses are disputed by City, the original invoice shall be returned by City to Contractor, not later than seven (7) calendar days after receipt by the City, for correction and resubmission. Returned invoices shall be accompanied by a document setting forth in writing the reasons why the payment request was rejected. Review and payment by the City of any invoice provided by the Contractor shall not constitute a waiver of any rights or remedies provided herein or any applicable law.

(b) Payments Made by Contractor to Subcontractors. Contractor shall remit payments owed to subcontractors within fifteen (15) calendar days after receiving payments by City if payments are owed by Contractor to any subcontractor qualifying as a small business enterprise, and within thirty (30) calendar days if payments are owed by Contractor to any subcontractor other than a small business enterprise.

2.4 Retention.

Pursuant to Section 9203 of the Public Contract Code, City will deduct a five percent (5%) retention from all progress payments, which shall be released to Contractor no later than sixty (60) calendar days from completion of the work. In the event of a dispute between City and Contractor, City may withhold from the final payment an amount not to exceed one hundred fifty percent (150%) of the disputed amount.

2.5 Waiver.

Payment to Contractor for work performed pursuant to this Agreement shall not be deemed to waive any defects in work performed by Contractor.

2.6 Substitution of Securities.

(a) In conformance with the State of California Public Contract Code section 22300, Contractor may substitute securities for any monies withheld by the City to ensure performance under this Agreement.

(b) At the request and expense of Contractor, Contractor has the option of establishing an escrow account with a state or federally chartered bank which shall serve as an escrow agent, for Contractor's direct deposit of securities as a substitute for retention earnings required to be withheld by the City. Upon Contractor's completion of its obligations hereunder, as evidenced by the City's acceptance of the work pursuant to Section 3.4 hereof, the escrow agent shall return the securities to Contractor. The escrow agent shall notify the City within ten (10) calendar days after deposit of the securities. The market value of the securities at the time of the substitution shall be at least equal to the cash amount then required to be withheld as retention. Securities shall be held in the name of the City and shall designate Contractor as the beneficial owner. Alternatively, on written request of Contractor, the City shall make payments of the retention earnings directly to the escrow account.

ARTICLE 3. PERFORMANCE SCHEDULE

3.1 Schedule of Performance.

Contractor shall complete the Project within [DAYS] ☐calendar / ☐ working days ("**Contract Time**") after receiving a "**Notice to Proceed**" from the City in accordance with any schedule contained in or required to be provided by the Proposal or Contract Documents, and any revisions thereof approved by the City in writing. All of Contractor's work on the Project shall be completed within durations established for the individual activities as set forth in the Contract Documents, and any revisions thereof approved by the City in writing. Time is of the essence. If the work is not completed within said time periods, liquidated damages shall apply. The term of this Agreement shall expire one (1) year following City's acceptance of the Project.

3.2 Liquidated Damages.

Pursuant to Government Code section 53069.85, if work is not completed in strict compliance with Section 3.1 of this Agreement or in strict accordance with the schedule of performance provided by any schedule contained in or required to be provided by the Contract Documents (such deadlines collectively referred to herein as "**Agreement Deadlines**"), it is understood, acknowledged and agreed that the City will suffer damage. It is therefore agreed that the Contractor and its sureties shall pay to the City the sum of $250.00 for each and every calendar day of delay beyond the completion date in Section 3.1 of this Agreement, or beyond any completion schedule, construction schedule or Project milestones established in or pursuant to the Contract Documents, or beyond the time indicated in the Contract Documents for any individual activity to be performed pursuant to the Agreement. Contractor expressly understands, acknowledges and agrees that such liquidated damages can and shall be imposed if the Contractor does not meet each and every aspect of any activity schedule, completion schedule, construction schedule or Project milestones established in or pursuant to the Contract Documents. If the City accepts work or makes any payment under this Agreement after a default by reason of delays, the acceptance of such work and/or payment(s) shall in no respect constitute a waiver or modification of any provisions regarding Agreement Deadlines, a completion schedule, the Project schedule or the accrual of liquidated damages. In the event the same is not paid, the Contractor further agrees that the City may deduct the amount thereof from any money due or that may become due the Contractor under the Agreement. This Section does not exclude recovery of damages under provisions of the Contract Documents, and is expressly in addition to the City's ability to seek

other damages. To the extent required by Government Code section 4215, Contractor shall not be assessed liquidated damages for delay in completion of the work when such delay was caused by the failure of the City or owner of a utility to provide for removal or relocation of utility facilities.

3.3 Force Majeure.

The time period(s) specified in the Section 3.1 and pursuant to this Agreement for performance of the services rendered pursuant to this Agreement shall be extended because of any delays due to unforeseeable causes beyond the control and without the fault or negligence of the Contractor, including, but not restricted to, acts of God or of the public enemy, unusually severe weather, fires, earthquakes, floods, epidemics, quarantine restrictions, riots, strikes, freight embargoes, wars, litigation, and/or acts of any governmental agency, including the City, (with the express exception of delays arising from the impact of COVID-19 and its variants to the extent such impact is foreseeable or should have reasonably been foreseeable), if the Contractor shall within ten (10) calendar days of the commencement of such delay notify the Project Manager in writing of the causes of the delay. The Project Manager shall ascertain the facts and the extent of delay, and extend the time for performing the services for the period of the enforced delay when and if in the judgment of the Project Manager such delay is justified. The Project Manager's determination shall be final and conclusive upon the Parties to this Agreement. In no event shall Contractor be entitled to recover damages against the City for any delay in the performance of this Agreement, however caused, Contractor's sole remedy being extension of the Agreement pursuant to this Section.

3.4 Final Acceptance.

Acceptance of the Project shall only be by action of the City. Neither the acceptance nor any prior inspections or failure to inspect shall constitute a waiver by City of any defects in the work. From and after acceptance, the Project shall be owned and operated by City. As a condition to acceptance, Contractor shall certify to City in writing that all of the work has been performed in strict conformity with the Agreement and that all costs have been paid or supplied to City for security required herein, satisfactory to City, guaranteeing such performance.

ARTICLE 4. COORDINATION OF WORK

4.1 Representatives and Personnel of Contractor.

Contractor's ownership, management and licensing is tied to specific principal representatives ("**Principals**") who are designated as [PRINCIPAL NAMES, TITLES, WORK PHONE AND WORK EMAIL]. The Principals shall be responsible during the term of this Agreement for directing all activities of Contractor and devoting sufficient time to personally supervise the services hereunder. All personnel of Contractor, and any authorized agents, shall at all times be under the exclusive direction and control of the Principals. For purposes of this Agreement, the Principals may not be replaced nor may their responsibilities be substantially reduced by Contractor without the express written approval of the Project Manager. Additionally, Contractor shall make every reasonable effort to maintain the stability and continuity of Contractor's staff and subcontractors, if any, assigned to perform the services required under this Agreement. Contractor shall notify (and, as required by law, secure City approval in regards to

subcontractors before changes in Contractor's subcontractors, of) City of any changes in Contractor's staff and subcontractors, if any, assigned to perform the services required under this Agreement, prior to and during any such performance.

4.2 Status of Contractor.

Contractor shall have no authority to bind City in any manner, or to incur any obligation, debt or liability of any kind on behalf of or against City, whether by contract or otherwise, unless such authority is expressly conferred under this Agreement or is otherwise expressly conferred in writing by City. Contractor shall not at any time or in any manner represent that Contractor or any of Contractor's officers, employees, or agents are in any manner officials, officers, employees or agents of City. Neither Contractor, nor any of Contractor's officers, employees or agents, shall obtain any rights to retirement, health care or any other benefits which may otherwise accrue to City's employees. Contractor expressly waives any claim Contractor may have to any such rights.

4.3 Project Manager.

The **Project Manager** shall be designated by the City's Director of Public Works or City Engineer. It shall be the Contractor's responsibility to assure that the Project Manager is kept informed of the progress of the performance of the services and the Contractor shall refer any decisions which must be made by City to the Project Manager. Unless otherwise specified herein, any approval of City required hereunder shall mean the approval of the Project Manager. The Project Manager shall have authority, if specified in writing by the City's Director of Public Works or City Engineer, to sign all documents on behalf of the City required hereunder to carry out the terms of this Agreement.

4.4 Independent Contractor.

Neither City, nor any of its officers, employees or agents, shall have any control over the manner or means by which Contractor, or its officers, employees, agents or subcontractors, perform the services required herein, except as otherwise set forth herein. Contractor shall perform all services required herein as an independent contractor of City and shall remain under only such obligations as are consistent with that role. Contractor shall not at any time or in any manner represent that it, or any of its officers, employees, agents or subcontractors, are officers, employees or agents of City. City shall not in any way or for any purpose become or be deemed to be a partner of Contractor in its business or otherwise or a joint venturer or a member of any joint enterprise with Contractor. Contractor shall not incur or have the power to incur any debt, obligation or liability whatever against City, or bind City in any manner. Contractor represents and warrants that the personnel used to provide services to City pursuant to this Agreement shall at all times be under Contractor's exclusive control and direction. No City employee benefits shall be available to Contractor, its officers, employees, agents or subcontractors, in connection with the performance of this Agreement. City shall not be liable for compensation or indemnification to Contractor, its officers, employees, agents or subcontractors, for injury or sickness arising out of performing services hereunder. In the event that Contractor or any officer, employee, agent, or subcontractor of Contractor providing services under this Agreement claims or is determined by a federal or state agency, a court of competent jurisdiction, or the California Public Employees' Retirement System, to be classified as other than an independent contractor for City, then Contractor shall indemnify,

defend, and hold harmless City for the payment of any and all assessed fines, penalties, judgments, employee and/or employer contributions, and any other damages and costs assessed to City as a consequence of, or in any way attributable to, the assertion that Contractor, or any officer, employee, agent, or subcontractor Contractor used to provide services under this Agreement, is/are employees of City.

4.5 Subcontracting or Assignment.

The experience, knowledge, capability and reputation of Contractor, its principals and employees were a substantial inducement for the City to enter into this Agreement. Therefore, Contractor shall not contract with any other entity to perform in whole or in part the services required hereunder without the express written approval of the City and in compliance with the Subletting and Subcontracting Fair Practices Act, Public Contract Code section 4100, *et seq*. Contractor shall be responsible for ensuring compliance by any subcontractor or lower tier subcontractor under it with this Agreement, all state and federal laws, codes and regulations, and municipal ordinances and regulations of City. All subcontractors shall obtain, at its or Contractor's expense, such licenses, permits, registrations and approvals (including from the City) as may be required by law for the performance of any services or work under this Agreement. In addition, neither this Agreement nor any interest herein may be transferred, assigned, conveyed, hypothecated or encumbered voluntarily or by operation of law, whether for the benefit of creditors or otherwise, without the prior written approval of City. Transfers restricted hereunder shall include the transfer to any person or group of persons acting in concert of more than twenty five percent (25%) of the present ownership and/or control of Contractor, taking all transfers into account on a cumulative basis. In the event of any such unapproved transfer, including any bankruptcy proceeding, this Agreement shall be voidable at the option of City. No approved transfer shall release the Contractor, or any surety or insured of Contractor, of any liability hereunder without the express consent of City.

ARTICLE 5. INSURANCE, INDEMNIFICATION AND BONDS

5.1 Insurance Coverages.

Prior to commencement of any services under this Agreement, and without limiting Contractor's indemnification obligation to City, Contractor shall procure and maintain, at its sole cost and expense, in a form and content satisfactory to City, for the duration of the Agreement, primary policies of insurance of the type and amounts below, as marked by checkmark, issued by an insurance company currently authorized by the Insurance Commissioner to transact business of insurance or is on the List of Approved Surplus Line Insurers in the State of California, with an assigned policyholders' Rating of A- (or higher) and Financial Size Category Class VII (or larger) in accordance with the latest edition of Best's Key Rating Guide, unless otherwise approved by City, which shall cover all elected and appointed officers, employees, agents, designated volunteers, and attorneys of City. Contractor shall also procure and maintain, at its own cost and expense, any additional kinds of insurance, which in its own judgment may be necessary for its proper protection and prosecution of the work. City reserves the right at any time during the term of the Agreement to change the amounts and types of insurance required by giving Contractor ninety (90) calendar days advance written notice of such change. If such change results in

substantial additional cost to Contractor, City and Contractor may renegotiate Contractor's compensation solely in regards to insurance coverage.

(a) ☒General liability insurance. A policy of commercial general liability insurance, with coverage at least as broad as Insurance Services Office ("ISO") form CG 00 01, written on a per occurrence basis for bodily injury, personal injury and property damage. Defense costs must be paid in addition to limits. Coverage for an additional insured shall not be limited to its vicarious liability. The policy must include contractual liability that has not been amended. Any endorsement restricting standard ISO "insured contract" language will not be accepted. Limits shall be no less than $[AMOUNT] per occurrence for all covered losses, and no less than $[AMOUNT] general aggregate, for bodily injury, personal injury and property damage, and a $[AMOUNT] completed operations aggregate. Contractor must maintain a policy of commercial general liability insurance for as long as there is a statutory exposure to completed operations claims.

(b) ☒Automobile liability insurance. A policy of comprehensive automobile liability insurance, at least as broad as ISO form CA 00 01, written on a per occurrence basis covering bodily injury and property damage in an amount not less than $[AMOUNT] combined single limit for each accident. Said policy shall include coverage for owned, non-owned, leased, hired cars and any automobile.

(c) ☒Workers' compensation insurance. Contractor shall maintain Workers' Compensation Insurance (Statutory Limits) and Employer's Liability Insurance (with limits of at least $1,000,000). A policy of worker's compensation insurance in such amount as will fully comply with the laws of the State of California (statutory limits) as well as a policy of employer's liability insurance (with limits of at least $1,000,000), which shall each indemnify, insure and provide legal defense for Contractor against any loss, claim or damage arising from any injuries or occupational diseases occurring to any worker employed by or any persons retained by Contractor in the course of carrying out the work or services contemplated in this Agreement. In addition, Contractor shall require each subcontractor to similarly maintain a policy of worker's compensation insurances and employer's liability insurance in according with the laws of the State of California for all of the subcontractor's employees.

(d) ☐Builder's Risk Insurance. Contractor shall maintain, from upon commencement of work and through the entire duration of the Project until only the City has an insurable interest, Builder's Risk (Course of Construction) insurance utilizing an "All Risk" (Special Perils) coverage form, with limits equal to the completed value of the project and no coinsurance penalty provisions or provisional limit provisions. All subcontractors (excluding those solely responsible for design work) of any tier and suppliers shall be included as additional insureds as their interests may appear. Contractor shall not be required to maintain property insurance for any portion of the Project following transfer of control thereof to City. The policy shall contain a provision that all proceeds from the Builder's Risk policy shall be made payable to the City. The City will act as a fiduciary for all other interests in the Project. Policy shall be provided for replacement value on an "all risk" basis for the completed value of the Project. There shall be no coinsurance penalty or provisional limit provision in any such policy. The policy must include: (1) coverage for any ensuing loss from faulty workmanship, nonconforming work,

omission or deficiency in design or specifications; (2) coverage against machinery accidents and operational testing; (3) coverage for removal of debris, and insuring the buildings, structures, machinery, equipment, materials, facilities, fixtures and all other properties constituting a part of the Project; (4) ordinance or law coverage for contingent rebuilding, demolition, and increased costs of construction; (5) transit coverage (unless insured by the supplier or receiving contractor), with sub-limits sufficient to insure the full replacement value of any key equipment item; (6) ocean marine cargo coverage insuring any Project materials or supplies, if applicable; (7) coverage with sub-limits sufficient to insure the full replacement value of any property or equipment stored either on or off the Project site or any staging area. If the Project does not involve new or major reconstruction, then at the option of City, an Installation Floater may be acceptable. For such projects, a Property Installation Floater shall be obtained that provides for the improvement, remodel, modification, alteration, conversion or adjustment to existing buildings, structures, processes, machinery and equipment. The Property Installation Floater shall provide property damage coverage for any building, structure, machinery or equipment damaged, impaired, broken, or destroyed during the performance of the work, including during transit, installation, and testing at the Project site.

(e) ☐Pollution Liability Insurance. Contractor shall maintain Environmental Impairment Liability insurance, written on a Contractor's Pollution Liability form or other form acceptable to City providing coverage for liability arising out of sudden, accidental, and gradual pollution and remediation. The policy limit shall be no less than $[AMOUNT] per claim and in the aggregate. All activities contemplated in this Agreement shall be specifically scheduled on the policy as "covered operations." The policy shall provide coverage for the hauling of waste from the project site to the final disposal location, including non-owned disposal sites.

(f) Excess Liability and Umbrella Liability Insurance. Excess liability insurance and/or umbrella liability insurance may be used to satisfy the obligations herein. If excess liability insurance is used then the policy shall meet all the requirements herein and be at least as broad as the primary coverages set forth herein. Such policy shall: 1) include a drop down feature requiring the policy to respond if primary insurance that would otherwise have applied proves to be uncollectible in whole or in part for any reason; 2) be payable on behalf of wording as opposed to reimbursement; 3) have concurrency of effective dates with primary policies; 4) "follow form" to the underlying primary policies; and, 5) provide insureds, under primary policies required herein, shall be insureds under the excess liability policy.

5.2 General Insurance Requirements.

(a) Proof of Insurance, Enforcement and Notice. No work or services under this Agreement shall commence until both Contractor has provided City with insurance certificates, endorsement forms and appropriate insurance binders, signed by a person authorized by the Insurer to bind coverage on its behalf, evidencing the above insurance coverages, as well as said documentation is approved by City. City reserves the right to inspect complete, certified copies of, and endorsements to, all required insurance policies, at any time. Any failure to comply with the reporting or other provisions of the policies including breaches or warranties shall not affect coverage provided to City. In the event any insurance policy required under this Agreement is cancelled or amended (and the insurance policy is not replaced pursuant to subsection (b) below), or does not comply with Article 5, then: 1) City has the right but not the duty to obtain insurance required herein and any premium paid by City will be promptly reimbursed by Contractor or City

will withhold amounts sufficient to pay premium from Contractor payments; or, 2) City, notwithstanding any other provisions of this Agreement, may immediately terminate this Agreement. Contractor shall give City prompt and timely notice of claims made or suits instituted that arise out of or result from Contractor's performance under this Agreement, and that involve or may involve coverage under any of the required insurance policies.

(b) Cancellation/Amendment. All of herein required policies of insurance shall provide the insurance may not be amended or cancelled by insurer or any Party hereto without providing thirty (30) calendar days prior written notice (with exception of ten (10) calendar days prior written notice for nonpayment of premium) to City. In the event any of said policies of insurance are amended or cancelled, Contractor shall, five (5) business days prior to the cancellation date, submit new evidence of insurance, or reinstatement of policy, in conformance with this Agreement to City.

(c) Additional Insureds. All of the above policies shall name City and its elected and appointed officers, employees, agents and designated volunteers ("**City Parties**") as additional insureds and such coverage shall contain no special limitations on the scope of protection afforded to City and City Parties. A severability of interests provision must apply for all additional insureds ensuring that Contractor's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability, and policies of insurance shall not contain any cross-liability exclusions.

(d) Primary, Subrogation, Contribution and Coverage. All of the above policies of insurance shall be primary insurance. The insurers for above policies, Contractor and any subcontractors are all deemed hereof to waive all rights of subrogation and contribution they may have against City or City Parties, and their respective insurers, and all insurance policies required herein shall be endorsed to waive such rights. Any insurance maintained by City or City Parties will apply in excess of, and not contribute with, Contractor's insurance. If Contractor maintains broader coverage and/or higher limits than the minimum amounts provided herein, City requires and shall be entitled to the broader coverage and/or higher limits maintained by Contractor. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to City and City Parties. None of the coverages required herein will be in compliance with this Agreement if they include any limiting endorsement of any kind that has not been first submitted to City and approved of in writing. Requirements of specific coverage features or limits contained herein are not intended as a limitation on coverage, limits or other requirements, or a waiver of any coverage normally provided by any insurance. Specific reference to a given coverage feature is for purposes of clarification only as it pertains to a given issue and is not intended by any Party or insured to be all inclusive, or to the exclusion of other coverage, or a waiver of any type.

(e) Limitations, Self- Insured Retention and Deductibles. Contractor agrees that requirements of Article 5 shall not be construed as limiting in any way the extent to which Contractor may be held responsible for the payment of damages to any persons or property resulting from Contractor's activities or the activities of any person or persons for which Contractor is otherwise responsible nor shall it limit Contractor's indemnification liabilities as provided in Section 5.3. All insurance policies must specify that where the primary insured does not satisfy any self-insured retention, any additional insured may satisfy the self-insured retention

(without impairment of obligation of primary insured under this Agreement to satisfy any self-insured retention). Any deductibles or self-insured retentions must be declared to and approved by City. At City's option, either the insurer shall reduce or eliminate such deductibles or self-insured retentions as respects City and City Parties, or Contractor shall procure a bond guaranteeing payment of losses and related investigations, claim administration, attorneys' fees, defense expenses and claims.

(f) Completed operations coverage. Completed operations coverage shall extend a minimum of three 1 year after project completion. Coverage shall be included on behalf of the insured for covered claims arising out of the actions of independent contractors. If the insured is using subcontractors, the policy must include work performed "by or on behalf" of the insured. Policy shall contain no language that would invalidate or remove the insurer's duty to defend or indemnify for claims or suits expressly excluded from coverage. Policy shall specifically provide for a duty to defend on the part of the insurer.

(g) Pass through clause. Contractor agrees to ensure that its subconsultants, subcontractors, and any other party involved with the Project who is brought onto or involved in the project by Contractor, provide the same minimum insurance coverage and endorsements required of Contractor. Contractor agrees to monitor and review all such coverage and assumes all responsibility for ensuring that such coverage is provided in conformity with the requirements of Article 5 of this Agreement. Contractor agrees that upon request, all agreements with consultants, subcontractors, and others engaged in the Project will be submitted to City for review.

5.3 Indemnification.

(a) General Obligations. Contractor agrees, to the maximum extent permitted by law, to indemnify, defend and hold harmless City and its elected and appointed officers, employees, agents, designated volunteers, attorneys, successors and assigns (each an "**Indemnitee**" and collectively, "**Indemnitees**") against, and will hold and save them and each of them harmless from, whether actual or threatened, any and all actions, either judicial, administrative, arbitration or regulatory claims, damages to persons or property, losses, costs, penalties, obligations, errors, omissions or liabilities (herein "**Claims or Liabilities**") that may be asserted or claimed by any person, firm or entity arising out of or in connection with the negligent performance of the work, operations or activities provided herein of Contractor, its officers, employees, agents, subcontractors, or invitees, or any individual or entity for which Contractor is legally liable (each an "**Indemnitor**" and collectively, "**Indemnitors**"), or arising from Indemnitors' reckless or willful misconduct, or arising from Indemnitors' negligent performance of or failure to perform any term, provision, covenant or condition of this Agreement, and in connection therewith: 1) Contractor will defend any action or actions filed or threatened in connection with any such Claims or Liabilities, or at option of Indemnitee(s) will reimburse and pay for all costs and expenses, including legal costs and attorneys' fees, incurred by Indemnitee(s) in connection therewith; and, 2) Contractor will promptly pay any judgment rendered against Indemnitee(s) for any such Claims or Liabilities, and will save and hold Indemnitee(s) harmless therefrom.

(b) Further Provisions. The indemnity obligation herein shall be binding on successors, assigns and heirs of Contractor and shall survive termination of this Agreement.

Contractor shall incorporate similar indemnity agreements as provided herein with its subcontractors, and if Contractor fails to do so Contractor shall be fully responsible to indemnify City hereunder therefor. Failure of City and/or City Parties (collectively "City" for solely this Section 5.2(b)) to monitor compliance with any of the indemnification provisions herein shall not be a waiver hereof. The indemnification provisions herein do not apply to claims or liabilities occurring as a result of City's sole negligence, active negligence or willful misconduct, but, to the fullest extent permitted by law, shall apply to claims and liabilities resulting in part from City's negligence. The indemnification provided herein includes Claims or Liabilities arising from any negligent or wrongful act, error or omission, or reckless or willful misconduct of Indemnitors in the performance of professional services hereunder. Payment of invoices by City is not a condition precedent to enforcement of the indemnity obligation herein. In the event of any dispute between Contractor and City, as to whether liability arises from the sole negligence, active negligence or willful misconduct of City, Contractor will be obligated to pay for City's defense until either such time as a final judgment has been entered adjudicating, or agreement between the Parties is reached determining, City as solely negligent, actively negligent or responsible for willful misconduct. Contractor will not be entitled in the absence of such a determination or agreement to any reimbursement of defense costs including but not limited to attorneys' fees, expert fees and costs of litigation. In instances where City is shown to have been actively negligent and/or engaged in willful misconduct, and where City's active negligence and/or willful misconduct accounts for only a percentage of the liability involved, the obligation of Contractor will be for that entire portion or percentage of liability not attributable to the active negligence and/or willful misconduct of City. City may offset against the amount of any fees due to Contractor under this Agreement any amount due to City from Contractor as a result of Contractor's failure to promptly pay to City any reimbursement or indemnification arising under Section 5.2 of this Agreement. Such offset, if any, does not satisfy any amount, greater than the offset, due to City from Contractor.

5.4 Notification of Third-Party Claims.

Pursuant to Public Contract Code Section 9201, the City has full authority to compromise or otherwise settle any claim relating to this Agreement at any time. City shall timely notify Contractor of the receipt of any third-party claim relating to the work under this Agreement. City shall be entitled to recover from Contractor its reasonable costs incurred in providing such notification.

5.5 Performance and Payment Bonds.

Concurrently with execution of this Agreement, unless otherwise expressly provided in the bid documents, Contractor shall deliver to the City all of the following bonds:

(a) A performance bond securing the faithful performance of this Agreement, in an amount not less than 100% of the Compensation Sum.

(b) A payment bond, securing the payment of all persons furnishing labor and/or materials in connection with the work under this Agreement, in an amount not less than 100% of the Compensation Sum.

All bonds shall be on the applicable forms provided in **Exhibit C** and **Exhibit D** attached hereto and incorporated herein by this reference. The bonds shall each contain the original notarized signature of an authorized officer of the surety and affixed thereto shall be a certified and current copy of his/her power of attorney. The bonds shall be unconditional and remain in force during the entire term of the Agreement until released pursuant to Section 5.7 hereof.

5.6 Sufficiency of Surety.

Bonds required by this Agreement shall be satisfactory only if issued by companies qualified to do business in California, rated "A" or better in the most recent edition of Best's Rating Guide, The Key Rating Guide or in the Federal Register, and only if they are of a financial category Class VII or better. If the City determines that the work to be performed under this Agreement creates an increased or decreased risk of loss to the City, the Contractor agrees that the minimum limits of the bonds may be changed accordingly upon receipt of written notice from the City's Risk Manager. If such change results in substantial additional cost to Contractor, City and Contractor may renegotiate Contractor's compensation solely in regards to bond coverage.

5.7 Release of Securities.

City shall release the performance bond and payment bond when the following have occurred:

(a) Contractor has made a written request for release and provided evidence of satisfaction of all other requirements under both the forms of the applicable bond attached to this Agreement as well as Article 5 of this Agreement;

(b) the Project has been accepted; and

(c) after passage of the time within which lien claims are required to be made pursuant to applicable laws; if lien claims have been timely filed, City shall hold the payment bond until such claims have been resolved, Contractor has provided statutory bond, or otherwise as required by applicable law.

ARTICLE 6. RECORDS, REPORTS, AND RELEASE OF INFORMATION

6.1 Records.

Contractor shall keep, and require subcontractors to keep, such ledgers, books of accounts, invoices, vouchers, canceled checks, reports, studies, certified and accurate copies of payroll records in compliance with all applicable laws, or other documents relating to the disbursements charged to City and services performed hereunder (the "**books and records**"), as shall be necessary to perform the services required by this Agreement and enable the Project Manager to evaluate the performance of such services. Any and all such books and records shall be maintained in accordance with generally accepted accounting principles, including but not limited to in accordance with the requirements of Labor Code section 1776, shall be complete and detailed, and shall be readily accessible. The Project Manager shall have full and free access to such books and records at all times during normal business hours of City, including the right to inspect, copy, audit and make records and transcripts. Such books and records shall be maintained either for a period

of no less than three (3) years following completion of the services hereunder, or for such period of time as required by applicable law, whichever period of time is longer. City shall have access to such books and records in the event any audit is required. In accordance with Government Code section 8546.7 records of both the City and the Contractor shall be subject to examination and audit by the Auditor General for a period of three (3) years after final payment. Contractor shall fully cooperate with the City in providing access to any and all Contractor books and records, and any other applicable documents, if a public records request is made and disclosure is required by law including but not limited to the California Public Records Act.

6.2 Reports.

Contractor shall periodically submit written reports to the Project Manager concerning performance of the services, upon request, and/or as necessary for Project Manager to be informed of both performance of services as well as any decisions which must be made by City or Project Manager. Contractor hereby acknowledges that the City is greatly concerned about the cost of work and services to be performed pursuant to this Agreement. For this reason, Contractor agrees that if Contractor becomes aware of any facts, circumstances, techniques, or events that may or will materially increase or decrease the cost of the work or services contemplated herein, Contractor shall promptly notify the Project Manager of said fact, circumstance, technique or event and the estimated increased or decreased cost related thereto.

6.3 Ownership of Documents.

All drawings, specifications, maps, designs, photographs, studies, surveys, data, notes, computer files, reports, records, documents and other materials (the "**documents and materials**") prepared (regardless of whether complete or incomplete) by Contractor, its officers, employees, agents and subcontractors in the performance of this Agreement shall be the property of City and shall be delivered to City upon request of the Project Manager or upon the termination of this Agreement, and Contractor shall have no claim for further employment or additional compensation as a result of the exercise by City of its full rights of ownership use, reuse, or assignment of the documents and materials hereunder. Any use, reuse or assignment of such completed documents for other projects and/or use of uncompleted documents without specific written authorization by the Contractor will be at the City's sole risk and without liability to Contractor, and Contractor's guarantee and warranties shall not extend to such use, reuse or assignment. Contractor may retain copies of such documents and materials under express condition that Contractor agrees such documents and materials are the sole property of City. All subcontractors shall provide for assignment to City of any documents and materials prepared by them, and in the event Contractor fails to secure such assignment, Contractor shall indemnify City for all damages resulting therefrom. Moreover, Contractor with respect to any documents and materials that may qualify as "works made for hire" as defined in 17 U.S.C. § 101, such documents and materials are hereby deemed "works made for hire" for the City.

6.4 Confidentiality and Release of Information.

(a) All information gained or work product produced by Contractor in its performance of this Agreement shall be considered confidential, unless such information is in the

public domain. Contractor shall not release or disclose any such information or work product to persons or entities other than City without prior written authorization from the Project Manager.

(b) No news releases, including photographs, public announcements, or confirmations of the same, of any part of the work, shall be made without prior written authorization from City. Contractor, its officers, employees, agents or subcontractors, shall not, without prior written authorization from the Project Manager or unless requested by the City Attorney, voluntarily provide documents, declarations, letters of support, testimony at depositions, response to interrogatories or other information concerning the work performed under this Agreement. Response to a subpoena or court order shall not be considered "voluntary" provided Contractor immediately gives City notice of such court order or subpoena.

(c) If Contractor, or any officer, employee, agent or subcontractor of Contractor, provides any information or work product in violation of this Agreement, then City shall have the right to reimbursement and indemnity from Contractor for any damages, costs and fees, including attorneys' fees, caused by or incurred as a result of Contractor's conduct.

(d) As concerning, regarding or related to, in any way, this Agreement and the work performed thereunder: a) Contractor shall immediately notify City should Contractor, its officers, employees, agents or subcontractors be served with any summons, complaint, subpoena, notice of deposition, request for documents, interrogatories, request for admissions or other discovery request, court order or subpoena from any party regarding this Agreement and the work performed thereunder; b) City retains the right, but has no obligation, to represent Contractor or be present at any deposition, hearing or similar proceeding; and, c) Contractor agrees to cooperate fully with City and to provide City with the opportunity to review any response to discovery requests provided by Contractor. However, this right to review any such response does not imply or mean the right by City to control, direct, or rewrite said response.

ARTICLE 7. ENFORCEMENT OF AGREEMENT AND TERMINATION

7.1 California Law.

This Agreement shall be interpreted, construed and governed both as to validity and to performance of the Parties in accordance with the laws of the State of California. Legal actions concerning any dispute, claim or matter arising out of or in relation to this Agreement shall be instituted in the Superior Court of the County of Orange, State of California, or any other appropriate court in such county, and Contractor covenants and agrees to submit to the personal jurisdiction of such court in the event of such action. In the event of litigation in a U.S. District Court, venue shall lie exclusively in the Central District of California, in the County of Orange, State of California.

7.2 Default of Contractor.

(a) It is City's right to suspend or terminate this Agreement upon the occurrence of any of the following events by default of Contractor: (1) Contractor refuses or fails to perform the work required under this Agreement with diligence to ensure timely completion of the Project pursuant to Section 3.1; (2) Contractor fails to comply with the provisions of this Agreement; (3) Contractor violates any ordinance, regulation, state or federal law which applies to its performance

under this Agreement; (4) Contractor files bankruptcy or otherwise becomes insolvent; (5) Contractor makes a general assignment for the benefit of creditors; (6) a trustee or receiver is appointed for the Contractor or his property; (7) Contractor repeatedly fails to supply sufficient skilled workers or suitable materials or equipment; (8) Contractor has abandoned the work or the Project, and/or; (9) Contractor disregards proper directives of the architect, inspector, or Project Manager under the Contract Documents. It will be at City's sole discretion to allow Contractor to remedy each cause for the termination without waiving City's right to terminate this Contract or restricting any other right or remedy under this Contract or law.

(b) In the event that Contractor is in default for cause under the terms of this Agreement, City shall have no obligation or duty to continue compensating Contractor for any work performed after the date of default and can terminate or suspend this Agreement immediately by written notice to Contractor. If the Project Manager determines that Contractor is in default in the performance of any of the terms or conditions of this Agreement, the Project Manager shall cause to be served upon Contractor a written notice of the default. Contractor shall have ten (10) calendar days after service upon it of said notice in which to cure the default by rendering a satisfactory performance. In the event that Contractor fails to cure its default within such period of time, the City shall have the right, notwithstanding any other provision of this Agreement, to terminate this Agreement without further notice and without prejudice to any other remedy to which it may be entitled at law, in equity or under this Agreement.

(c) Contractor shall be liable for damages sustained by City from the termination of the Agreement under this Section 7.2, including, but not limited to, all cost necessary for repair and completion of the work. City shall have the right to withhold monies otherwise payable to Contractor until the Project is complete. If City incurs additional costs, expenses, or other damages due to the failure of Contractor to perform the work pursuant to this Agreement, said expenditures shall be deducted from the amounts withheld (and if such deduction does not fully compensate City for said expenditures, then Contractor remains fully liable for the remaining balance owed to City). Should there be a balance of monies held after all expenses have been paid, the balance will be paid to Contractor upon completion of the Project.

7.3 Suspension or Termination.

The City may at any time, for any reason (including but not limited to for City's convenience, environmental considerations, or when it is in the best interests of the City), with or without cause, suspend or terminate this Agreement, or any portion hereof, by serving upon Contractor at least ten (10) calendar days prior written notice. Upon receipt of said notice, Contractor shall immediately cease all work under this Agreement, unless the notice provides otherwise. If the City suspends a portion of this Agreement such suspension shall not make void or invalidate the remainder of this Agreement. Upon termination, Contractor shall be entitled to compensation for completion of any portion of the Project accepted by City up to the effective date of termination unless any portion of the Project is accepted by City after termination in which event Contractor shall be paid for such completed portion. Upon receipt of a termination notice, Contractor shall immediately discontinue the work and placement of orders for materials, facilities and supplies in connection with the performance of this Agreement, unless otherwise directed in the notice. Contractor shall promptly deliver to City all completed work, including plans, as-builts, forms, reports, and products. Any dispute regarding the amount owed to Contractor shall not

diminish the right of City to receive and use such documents or materials. Contractor shall not be entitled to any claim or lien against City for any additional compensation or damages in the event of termination of this Agreement.

7.4 Dispute Resolution Process.

In the event of any dispute or controversy with the City over any matter whatsoever, the Contractor shall not cause any delay or cessation in or of work, but shall proceed with the performance of the work in dispute. The Contractor shall retain any and all rights provided that pertain to the resolution of disputes and protests between the Parties. The disputed work will be categorized as an "unresolved dispute" and payment, if any, shall be as later determined as set forth below. The Contractor shall keep accurate, detailed records of all disputed work, claims and other disputed matters.

Section 20104 *et seq*. of the California Public Contract Code prescribes a process utilizing informal conferences, non-binding judicial-supervised mediation, and judicial arbitration to resolve disputes on construction claims of $375,000 or less. Section 9204 of the Public Contract Code prescribes a process for negotiation and mediation to resolve disputes on construction claims. The intent of this Section is to implement Sections 20104 *et seq*. and Section 9204 of the California Public Contract Code. This Section shall be construed to be consistent with said statutes.

For purposes of these procedures, "claim" means a separate demand by the Contractor, after the City has denied Contractor's timely and duly made request for payment for extra work and/or a time extension, for (A) a time extension, (B) payment of money or damages arising from work done by or on behalf of the Contractor pursuant to the Agreement and payment of which is not otherwise expressly provided for or the Contractor is not otherwise entitled to, or (C) an amount the payment of which is disputed by the City.

The following requirements apply to all claims to which this section applies:

(a) Claim Submittal. The claim shall be in writing and include the documents necessary to substantiate the claim. Claims governed by this procedure must be filed on or before the date of final payment. Nothing in this section is intended to extend the time limit or supersede notice requirements otherwise provided in the Agreement for the filing of claims, including all requirements pertaining to compensation or payment for extra work, disputed work, and/or changed conditions. Failure to follow such contractual requirements shall bar any claims or subsequent lawsuits for compensation or payment thereon.

(b) Supporting Documentation. The Contractor shall submit all claims in the following format:

(i) Summary of the claim, including references to the specific Contract Document provisions upon which the claim is based.

(ii) List of documents relating to claim: (a) Specifications, (b) Drawings, (c) Clarifications (Requests for Information), (d) Schedules, and (e) Other.

(iii) Chronology of events and correspondence related to the claim.

(iv) Statement of grounds for the claim.

(v) Analysis of the claim's cost, if any.

(vi) Analysis of the claim's time/schedule impact, if any.

(c) City's Response. Upon receipt of a claim pursuant to this section, City shall conduct a reasonable review of the claim and, within a period not to exceed 45 calendar days, shall provide the Contractor a written statement identifying what portion of the claim is disputed and what portion is undisputed. Any payment due on an undisputed portion of the claim will be processed and made within 60 calendar days after the City issues its written statement.

(i) If the City needs approval from the City Council to provide the Contractor a written statement identifying the disputed portion and the undisputed portion of the claim, and the City Council does not meet within the 45 calendar days or within the mutually agreed to extension of time following receipt of a claim sent by registered mail or certified mail, return receipt requested, the City shall have up to three days following the next duly publicly noticed meeting of the City Council after the 45-day period, or extension, expires to provide the Contractor a written statement identifying the disputed portion and the undisputed portion.

(ii) Within 30 calendar days of receipt of a claim, the City may request in writing additional documentation supporting the claim or relating to defenses or claims the City may have against the Contractor. If additional information is thereafter required, it shall be requested and provided pursuant to this subdivision, upon mutual agreement of City and the Contractor.

(iii) The City's written response to the claim, as further documented, shall be submitted to the Contractor within 30 calendar days (if the claim is less than $50,000, within 15 calendar days) after receipt of the further documentation, or within a period of time no greater than that taken by the Contractor in producing the additional information or requested documentation, whichever is greater.

(d) Meet and Confer. If the Contractor disputes the City's written response, or the City fails to respond within the time prescribed, the Contractor may so notify the City, in writing, either within 15 calendar days of receipt of the City's response or within 15 calendar days of the City's failure to respond within the time prescribed, respectively, and demand an informal conference to meet and confer for settlement of the issues in dispute. Upon receipt of a demand, the City shall schedule a meet and confer conference within 30 calendar days for settlement of the dispute.

(e) Mediation. Within 10 business days following the conclusion of the meet and confer conference, if the claim or any portion of the claim remains in dispute, the City shall provide the Contractor a written statement identifying the portion of the claim that remains in dispute and the portion that is undisputed. Any payment due on an undisputed portion of the claim shall be processed and made within 60 calendar days after the City issues its written statement. Any disputed portion of the claim, as identified by the Contractor in writing, shall be submitted to nonbinding mediation, with the City and the Contractor sharing the associated costs equally. The City and Contractor shall mutually agree to a mediator within 10 business days after the disputed

portion of the claim has been identified in writing, unless the Parties agree to select a mediator at a later time.

(i) If the Parties cannot agree upon a mediator, each Party shall select a mediator and those mediators shall select a qualified neutral third Party to mediate with regard to the disputed portion of the claim. Each Party shall bear the fees and costs charged by its respective mediator in connection with the selection of the neutral mediator.

(ii) For purposes of this section, mediation includes any nonbinding process, including, but not limited to, neutral evaluation or a dispute review board, in which an independent third party or board assists the Parties in dispute resolution through negotiation or by issuance of an evaluation. Any mediation utilized shall conform to the timeframes in this section.

(iii) Unless otherwise agreed to by the City and the contractor in writing, the mediation conducted pursuant to this section shall excuse any further obligation under Public Contract Code Section 20104.4 to mediate after litigation has been commenced.

(iv) All unresolved claims shall be considered jointly in a single mediation, unless a new unrelated claim arises after mediation is completed.

(f) City's Responses. The City's failure to respond to a claim from the Contractor within the time periods described in this section or to otherwise meet the time requirements of this section shall result in the claim being deemed rejected in its entirety. A claim that is denied by reason of the City's failure to have responded to a claim, or its failure to otherwise meet the time requirements of this section, shall not constitute an adverse finding with regard to the merits of the claim or the responsibility of qualifications of the Contractor. City's failure to respond shall not waive City's rights to any subsequent procedures for the resolution of disputed claims.

(g) Government Code Claims. If following the mediation, the claim or any portion remains in dispute, the Contractor must comply with the claim procedures set forth in Government Code section 900 *et seq.* prior to filing any lawsuit against the City. Such Government Code claims and any subsequent lawsuit based upon the Government Code claims shall be limited to those matters that remain unresolved after all procedures pertaining to extra work, disputed work, construction claims, and/or changed conditions, including any required mediation, have been followed by Contractor. If no such Government Code claim is submitted, or if the prerequisite contractual requirements are not satisfied, no action against the City may be filed. A Government Code claim must be filed no earlier than the date that Contractor completes all contractual prerequisites to filing a Government Code claim, including any required mediation. A Government Code claim shall be inclusive of all unresolved claims unless a new unrelated claim arises after the Government Code claim is submitted. For purposes of Government Code section 900 *et seq*., the running of the period of time within which a claim must be filed shall be tolled from the time the Contractor submits his or her written claim to the City until the time the claim is denied, including any period of time utilized by the meet and confer conference or mediation that does not result in a complete resolutions of all claims.

(h) Civil Actions for Claims of $375,000 or Less. The following procedures are established for all civil actions filed to resolve claims totaling $375,000 or less:

(i) Within 60 calendar days, but no earlier than 30 calendar days, following the filing or responsive pleadings, the court shall submit the matter to non-binding mediation unless waived by mutual stipulation of both Parties or unless mediation was held prior to commencement of the action in accordance with Public Contract Code section 9204 and the procedures in this Section. The mediation process shall provide for the selection within 15 calendar days by both Parties of a disinterested third person as mediator, shall be commenced within 30 calendar days of the submittal, and shall be concluded within 15 calendar days from the commencement of the mediation unless a time requirement is extended upon a good cause showing to the court or by stipulation of both Parties. If the Parties fail to select a mediator within the 15-day period, either Party may petition the court to appoint the mediator.

(ii) If the matter remains in dispute, the case shall be submitted to judicial arbitration pursuant to Chapter 2.5 (commencing with Section 1141.10) of Title 3 of Part 3 of the Code of Civil Procedure, notwithstanding Section 1141.11 of that code. The Civil Discovery Act (Title 4 (commencing with Section 2016.010) of Part 4 of the Code of Civil Procedure) shall apply to any proceeding brought under this subdivision consistent with the rules pertaining to judicial arbitration.

(iii) Upon stipulation of the Parties, arbitrators appointed for these purposes shall be experienced in construction law, and, upon stipulation of the Parties, mediators and arbitrators shall be paid necessary and reasonable hourly rates of pay not to exceed their customary rate, and such fees and expenses shall be paid equally by the Parties, except in the case of arbitration where the arbitrator, for good cause, determines a different division.

(iv) In addition to Chapter 2.5 (commencing with Section 1141.10) of Title 3 of Part 3 of the Code of Civil Procedure, any Party who after receiving an arbitration award requests a trial de novo but does not obtain a more favorable judgment shall, in addition to payment of costs and fees under that chapter, pay the attorney's fees of the other Party arising out of the trial de novo.

7.5 Waiver.

Waiver by any Party to this Agreement of any term, condition, or covenant of this Agreement shall not constitute a waiver of any other term, condition, or covenant. Waiver by any Party of any breach of the provisions of this Agreement shall not constitute a waiver of any other provision or a waiver of any subsequent breach or violation of any provision of this Agreement. Acceptance by City of any work or services by Contractor shall not constitute a waiver of any of the provisions of this Agreement. No delay or omission in the exercise of any right or remedy by a non-defaulting Party on any default shall impair such right or remedy or be construed as a waiver. Any waiver by either Party of any default must be in writing and shall not be a waiver of any other default concerning the same or any other provision of this Agreement. Contractor acknowledges and agrees that any actual or alleged failure on the part of City to inform Contractor of non-compliance with any requirement of this Agreement imposes no additional obligations on City nor

does it waive any rights hereunder. Payment to Contractor for work performed pursuant to this Agreement shall not be deemed to waive any defects in work performed by Contractor.

7.6 Rights and Remedies Are Cumulative.

Except with respect to rights and remedies expressly declared to be exclusive in this Agreement, the rights and remedies of the Parties are cumulative and the exercise by either Party of one or more of such rights or remedies shall not preclude the exercise by it, at the same or different times, of any other rights or remedies for the same default or any other default by the other Party.

7.7 Unfair Business Practices Claims.

Pursuant to Public Contract Code section 7103.5, in entering into this Agreement, Contractor offers and agrees to assign to the City all rights, title, and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. § 15) or under the Cartwright Act (Chapter 2, (commencing with Section 16700) of Part 2 of Division 7 of the Business and Professions Code), arising from purchases of goods, services or materials related to this Agreement. This assignment shall be made and become effective at the time the City tenders final payment to the Contractor without further acknowledgment by the Parties.

7.8 Legal Action. In addition to any other rights or remedies, and as consistent with this Agreement and applicable law, either Party may take legal action, in law or in equity, to cure, correct or remedy any default, to recover damages for any default, to compel specific performance of this Agreement, to obtain declaratory or injunctive relief, or to obtain any other remedy consistent with the purposes of this Agreement. Notwithstanding any contrary provision herein, Contractor shall file a statutory claim pursuant to Government Code sections 905 *et seq.* and 910 *et seq.*, in order to pursue a legal action under this Agreement.

7.9 Attorneys' Fees. If either Party to this Agreement is required to initiate or defend or made a party to any action or proceeding in any way connected with this Agreement, the prevailing Party in such action or proceeding, in addition to any other relief which may be granted, whether legal or equitable, shall be entitled to reasonable attorneys' fees. Attorneys' fees shall include attorneys' fees on any appeal, and a Party entitled to attorneys' fees shall be entitled to all other reasonable costs for investigating such action, consultants' fees, taking depositions and discovery and all other necessary costs the court allows which are incurred in such litigation. Such fees and costs shall be enforceable whether or not such action is prosecuted to judgment.

ARTICLE 8. INDIVIDUAL LIABILITY, CONFLICTS AND NON-DISCRIMINATION

8.1 Non-liability of City Officers and Employees.

No officer or employee of the City shall be personally liable to the Contractor, or any successor in interest, in the event of any default or breach by the City or for any amount which may become due to the Contractor or to its successor, or for breach of any obligation of the terms of this Agreement.

8.2 Conflict of Interest.

Contractor covenants that neither it, nor any officer or principal of its firm, has or shall acquire any interest, directly or indirectly, which would conflict in any manner with the interests of City or which would in any way hinder Contractor's performance of services under this Agreement. Contractor further covenants that in the performance of this Agreement, no person having any such interest shall be employed by it as an officer, employee, agent or subcontractor without the express written consent of the Project Manager. Contractor agrees to at all times avoid conflicts of interest or the appearance of any conflicts of interest with the interests of City in the performance of this Agreement.

City, in its sole discretion, shall determine the existence of a conflict of interest and may terminate this Agreement in the event such a conflict of interest exists upon sending Contractor written notice describing the conflict. No officer or employee of the City shall have any financial interest, direct or indirect, in this Agreement nor shall any such officer or employee participate in any decision relating to the Agreement which affects their financial interest or the financial interest of any corporation, partnership or association in which they are, directly or indirectly, interested, in violation of any State statute or regulation. The Contractor warrants that it has not paid or given and will not pay or give any third party any money or other consideration for obtaining this Agreement.

8.3 Covenant Against Discrimination.

Contractor covenants that, by and for itself, its heirs, executors, assigns, and all persons claiming under or through them, there shall be no discrimination against or segregation of, any person or group of persons on account of race, color, creed, religion, sex, gender, sexual orientation, marital status, national origin, ancestry, or other protected class in the performance of this Agreement. Contractor shall take affirmative action to insure that applicants are employed and that employees are treated during employment without regard to their race, color, creed, religion, sex, gender, sexual orientation, marital status, national origin, ancestry, or other protected class. Contractor shall require the foregoing covenants to be placed in agreements with all subcontractors.

ARTICLE 9. MISCELLANEOUS PROVISIONS

9.1 Provisions Required By Law.

Each and every provision of law and clause required by law to be inserted in this Agreement shall be deemed to be inserted herein, and the Agreement shall be read and enforced as though it were included herein. If through mistake or otherwise any such provision is not inserted, or is not correctly inserted, then upon application of either Party, the contract shall forthwith be physically amended to make such insertion or correction.

9.2 Notices.

Any notice or other communication either Party desires or is required to give to the other Party or any other person in regards to this Agreement must be in writing and may be given either by (i) personal service, (ii) delivery by a reputable document delivery service, such as but not

limited to, Federal Express, which provides a receipt showing date and time of delivery, or (iii) mailing in the United States Mail, certified mail, postage prepaid, return receipt requested, in the case of City addressed to the name and title of the Project Manager, at City of Cypress, 5275 Orange Ave Cypress CA 90630, and in the case of Contractor, to the person(s) at the address designated on the execution page of this Agreement. Either Party may change its address by notifying the other Party of the change of address in writing. Notice shall be deemed communicated at the time personally delivered or in seventy-two (72) hours from the time of mailing if mailed as provided in this Section.

9.3 Interpretation.

The terms of this Agreement shall be construed in accordance with the meaning of the language used and shall not be construed for or against either Party by reason of the authorship of this Agreement, headings used, or any other rule of construction which might otherwise apply.

9.4 Counterparts.

This Agreement may be executed in counterparts, each of which shall be deemed to be an original, and such counterparts shall constitute one and the same instrument.

9.5 Integration; Amendment.

This Agreement including the attachments hereto is the entire, complete and exclusive expression of the understanding of the Parties as to the Agreement. It is understood that there are no oral agreements between the Parties hereto affecting this Agreement, and this Agreement supersedes and cancels any and all prior and contemporaneous negotiations, arrangements, agreements and understandings, if any, between the Parties, concerning this Agreement, and none shall be used to interpret this Agreement. No amendment to or modification of this Agreement shall be valid unless made in writing, approved by the Contractor and by the City, and consistent with the Cypress Municipal Code. The Parties agree that this requirement for written modifications cannot be waived and that any attempted waiver shall be void.

9.6 Severability.

In the event that any one or more of the phrases, sentences, clauses, paragraphs, or sections contained in this Agreement shall be declared invalid or unenforceable by a valid judgment or decree of a court of competent jurisdiction, such invalidity or unenforceability shall not affect any of the remaining phrases, sentences, clauses, paragraphs, or sections of this Agreement which are hereby declared as severable and shall be interpreted to carry out the intent of the Parties hereunder unless the invalid provision is so material that its invalidity deprives either Party of the basic benefit of their bargain or renders this Agreement meaningless.

9.7 No Undue Influence.

Contractor declares and warrants that no undue influence or pressure was used against or in concert with any officer or employee of City in connection with the award, terms or implementation of this Agreement, including any method of coercion, confidential financial arrangement, or financial inducement. No officer or employee of City has or will receive

compensation, directly or indirectly, from Contractor, or from any officer, employee or agent of Contractor, in connection with the award of this Agreement or any work to be conducted as a result of this Agreement. Violation of this Section shall be a material breach of this Agreement entitling City to remedies for default in Section 7.2 and any and all remedies at law or equity.

9.8 Unauthorized Aliens.

Contractor hereby promises and agrees to comply with all of the provisions of the Federal Immigration and Nationality Act, 8 U.S.C. § 1101 *et seq.*, as amended, and in connection therewith, shall not employ unauthorized aliens as defined therein. Should Contractor so employ such unauthorized aliens for the performance of work and/or services covered by this Agreement, and should any liability or sanctions be imposed against City for such use of unauthorized aliens, Contractor hereby agrees to and shall reimburse City for the cost of all such liabilities or sanctions imposed, together with any and all costs, including attorneys' fees, incurred by City.

9.9 Corporate Authority.

The persons executing this Agreement on behalf of the Parties hereto warrant that (i) such Party is duly organized and existing, (ii) they are duly authorized to execute and deliver this Agreement on behalf of said Party, (iii) by so executing this Agreement, such Party is formally bound to the provisions of this Agreement, and (iv) the entering into this Agreement does not violate any provision of any other agreement to which said Party is bound. This Agreement shall be binding upon the heirs, executors, administrators, successors and assigns of the Parties.

[SIGNATURES ON FOLLOWING PAGE]

IN WITNESS WHEREOF, the Parties hereto have executed this Agreement on the date and year first-above written.

CITY:

CITY OF CYPRESS, a California municipal corporation

_____
Peter Grant, City Manager

ATTEST:

_____
Alisha Farnell, City Clerk

APPROVED AS TO FORM:
ALESHIRE & WYNDER, LLP

_____
Fred Galante, City Attorney

CONSULTANT:

_____, a _____

By: _____
Name:
Title:

By: _____
Name:
Title:
Address: _____
_____
_____

Two corporate officer signatures required when Contractor is a corporation, with one signature required from each of the following groups: 1) Chairperson of the Board, President or any Vice President; and 2) Secretary, any Assistant Secretary, Chief Financial Officer or any Assistant Treasurer. (Cal. Corp. Code § 313.) APPROPRIATE ATTESTATIONS SHALL BE INCLUDED AS MAY BE REQUIRED BY THE BYLAWS, ARTICLES OF INCORPORATION, OR OTHER RULES OR REGULATIONS APPLICABLE TO CONSULTANT'S BUSINESS ENTITY.

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy or validity of that document.

STATE OF CALIFORNIA

COUNTY OF ORANGE

On _____, 202_ before me, _____, personally appeared _____, proved to me on the basis of satisfactory evidence to be the person(s) whose names(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature: _____

OPTIONAL

Though the data below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent reattachment of this form

CAPACITY CLAIMED BY SIGNER

☐ INDIVIDUAL
☐ CORPORATE OFFICER

_____
TITLE(S)

☐ PARTNER(S) ☐ LIMITED ☐ GENERAL
☐ ATTORNEY-IN-FACT
☐ TRUSTEE(S)
☐ GUARDIAN/CONSERVATOR
☐ OTHER_____

_____

SIGNER IS REPRESENTING:
(NAME OF PERSON(S) OR ENTITY(IES))

_____
_____

DESCRIPTION OF ATTACHED DOCUMENT

_____
TITLE OR TYPE OF DOCUMENT

_____
NUMBER OF PAGES

_____
DATE OF DOCUMENT

_____
SIGNER(S) OTHER THAN NAMED ABOVE

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy or validity of that document.

STATE OF CALIFORNIA

COUNTY OF ORANGE

On _____, 202_ before me, _____, personally appeared _____, proved to me on the basis of satisfactory evidence to be the person(s) whose names(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature: _____

OPTIONAL

Though the data below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent reattachment of this form

CAPACITY CLAIMED BY SIGNER

☐ INDIVIDUAL
☐ CORPORATE OFFICER

_____
TITLE(S)

☐ PARTNER(S) ☐ LIMITED ☐ GENERAL
☐ ATTORNEY-IN-FACT
☐ TRUSTEE(S)
☐ GUARDIAN/CONSERVATOR
☐ OTHER_____

_____

SIGNER IS REPRESENTING:
(NAME OF PERSON(S) OR ENTITY(IES))

_____
_____

DESCRIPTION OF ATTACHED DOCUMENT

_____
TITLE OR TYPE OF DOCUMENT

_____
NUMBER OF PAGES

_____
DATE OF DOCUMENT

_____
SIGNER(S) OTHER THAN NAMED ABOVE

EXHIBIT A

CONTRACTOR'S BID

SEE ATTACHED

Work Order Signature Document

EZIQC Contract No.: CA-R8-RW-101723-RWR

[X] **New Work Order** [ ] **Modify an Existing Work Order**

Work Order Number.: 126280.00 Work Order Date: 03/12/2024

Work Order Title: City of Cypress-Community Center Roofing Project

Owner Name:	City of Cypress	Contractor Name:	Rite-Way Roofing Corporation
Contact:	Nick Mangkalakiri	Contact:	Bill LaMontagne
Phone:	(714) 229-6729	Phone:	909-350-8490

Work to be Performed

Work to be performed as per the Final Detailed Scope of Work Attached and as per the terms and conditions of Sourcewell EZIQC Contract No CA-R8-RW-101723-RWR.

Brief Work Order Description:

Roofing

Time of Performance Estimated Start Date:

Estimated Completion Date:

Liquidated Damages Will apply: [ ] Will not apply: [X]

Work Order Firm Fixed Price: $520,593.53

Owner Purchase Order Number:

Approvals

City of Cypress Date

Contractor Date

Detailed Scope of Work

To: Bill LaMontagne
Rite-Way Roofing Corporation
15426 Arrow Route
Fontana, CA 92335
909-350-8490

From: Nick Mangkalakiri
City of Cypress
5275 Orange Avenue
CYPRESS, CA 90630
(714) 229-6729

Date Printed: March 12, 2024

Work Order Number: 126280.00

Work Order Title: City of Cypress-Community Center Roofing Project

Brief Scope: Roofing

☐ **Preliminary** ☐ **Revised** ☒ **Final**

The following items detail the scope of work as discussed at the site. All requirements necessary to accomplish the items set forth below shall be considered part of this scope of work.

See attached

Subject to the terms and conditions of ezIQC Contract **CA-R8-RW-101723-RWR**.

Contractor _____ Date _____

City of Cypress _____ Date _____

3/11/24

Rite-Way Roof Corporation
Commercial Roof Services- CA License # 661941 C-39
15425 Arrow Rt. Fontana, Ca. 92335 * 909-350-8490 * Fax 909-350-8477

Scope Of Work For:
City of Cypress
Community Center Bldg.
Attn.:
Property: 5700 Orange Ave.
Cypress, CA 90630

PVC Roofing System

Prices based on Prevailing wage rates during normal working hours between 6am and 6pm, no weekend or after hour work has been figured. Based on good access to building over grass area for demo, load, and staging next to building in Parking lot.

1.1-Contractor will supply all necessary labor, materials, and equipment to complete the following installation of a new PVC roof at low slope area per manufacturer's specifications as follows:

1.1 Scope Includes:

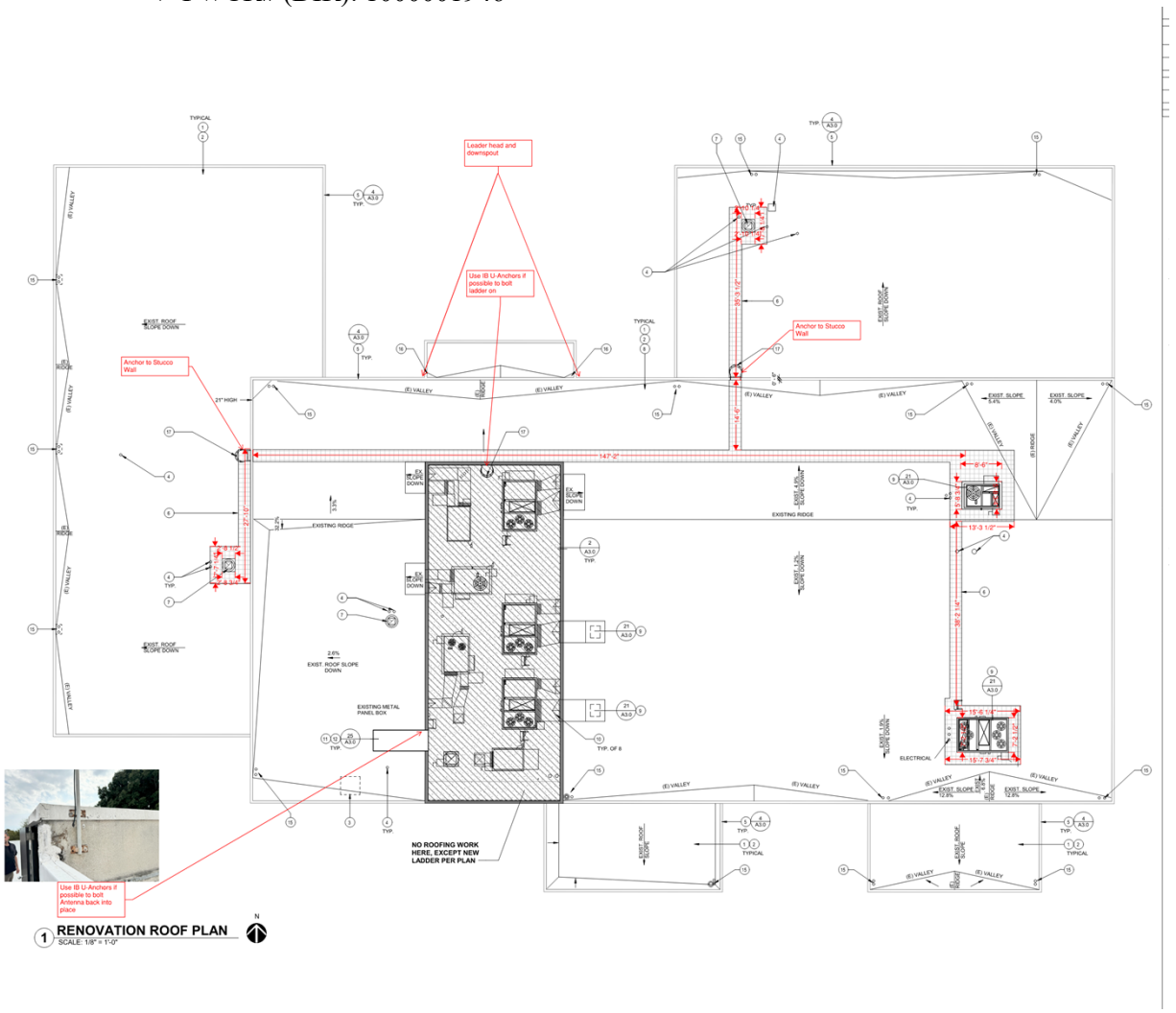
- Remove existing (approximately 25,200 sf) one layer of single ply roofing and coverboard over wood deck and (approximately 3,800 sf) wall flashing roofing material, approximately 29000 total sq. ft. including wall flashings, down to deck and haul away all debris. Remove approximately 1150' lf. of existing clad metal parapet cap flashing metal and haul away as trash.
- Remove and replace up to 10% of existing roof sheathing as needed for contingency. Unused decking will be credited back.
- Install new ½" plywood over the existing stucco at stairwell walls in order to roof over the walls. Existing stairwell roof will be sloped to drain water.
- Remove and reinstall existing antenna mounted to stairwell walls.
- Install three (3) new aluminum exterior mounted ladders with safety walk through at locations identified on roof plans.
- Install new tapered crickets to the roof to eliminate ponding conditions.
- Install new retrofit drains to all existing drain locations. Does not include overflows except where overflow drain has a bowl installed.
- Mechanically attach (approximately 25,200 square feet) one (1) layer of 1/2" Dens Deck Prime cover-board over wood deck and tapered insulation per manufactures specifications.
- Fully adhere (approximately 25,200 square feet) one (1) layer of 60-mil. PVC single-ply roof membrane per manufacturer's specifications to the field of the roof.
- Fully-adhere (approximately 3,800 square feet) one (1) layer of 60-mil PVC single-ply membrane at all vertical walls and curb flashings with low VOC bonding adhesive.
- Flash, exhaust fans, A/C curbs, A/C duct curbs, and pipe penetrations per manufacturer's specifications. Seal and caulk all terminations.
- Approximately 170' lf. of aluminum termination bar installed and sealed.
- Install approximately 1150'lf of new 24 ga. Kynar finished metal with 22 gauge cleat along parapet wall.
- Install approximately 80' linear feet of new 8" stretch out - 24 gauge PVC coated clad metal drip edge.

Owners Initials_____

- Install two (2) new kynar finished leader head and down spouts at main entry roof canopy area.
- Up to 370’ lineal feet of walk-pads are included in bid to be install at roof access hatch and around serviceable HVAC units per roof plan.
- Install new Dura-blok pipe supports to roof top pipes as needed.
- Supply a 2-year contractor workmanship warranty.
- Supply a 20-year manufacturer’s NDL warranty.

Exclusions: Abatement and or testing of any kind, All Sheet metal other than what is specifically mentioned herein, Light weight insulating concrete of any kind, Lead sheets or Lead flashings (single ply roof no lead needed), Copper or Stainless Steel flashings, Gutters, Splash pans or blocks, Solar panel Removal or Reinstallation, Skylights, Wood Nailers, Wood Blocking, Raising of any equipment curb or platform, Vapor barrier, Expansion joints, Any wood work Not called out above, Waterproofing, Electrical Work of any kind, Deck Wall or Traffic Coatings, Any mechanical work including disconnect and reconnect, Duct repair or sealing, Interior Damages, Interior protection, Temporary Roofing of any kind, Water testing, Scaffolding, Over time Wages , Permits, and Shop Drawings.

- ❖ LIC#: 661941
- ❖ CLASSIFICATIONS: C-39
- ❖ SMALL BUSINESS CERTIFIED CONTRACTOR #38907.
- ❖ PWCR# (DIR): 1000001946



Roof Diagram

Notes:

Owners Initials_____

1. All Safety Standards per CAL/OSHA will be adhered to. Any additional safety requirements beyond CAL/OSHA standards may result in an additional surcharge.
2. Prices are good for 30 days from the bid date unless otherwise noted.
3. All work to be completed in a workmanlike manner according to standard practices.
4. Overtime requirements due to inclement weather, other trade delays and/or delays not related to Rite-Way Roof are not included in this price.
5. Our price to perform this work includes all applicable insurance, taxes, labor, material and equipment.
6. Due to insurance and safety concerns, no work will be performed during inclement or adverse weather conditions i.e., rain or severe wind.
7. Clean up and haul off all our roofing debris.
8. Owner acknowledges that, while contractor may make observations about the general condition of the roof(s) being serviced, nothing in this agreement creates any obligation on the part of contractor to warn, advise or make recommendations to owner concerning conditions observed other than the immediate area(s) repaired by contractor.
9. Above pricing is based off being able to re-use all existing material that needs to be removed for the new roofing installation, no new metal roofing has been included in the price, if the panels cannot be removed without being damaged, additional costs for new material will need to be approved through a change order, RWR will not be responsible for the additional cost.

Rite-Way Roof Corporation

By: _____

Bill LaMontagne, Vice President

Owner or Representative:

By: _____

Title _____

Prices Good for Thirty (30) days

Express Warranty. Rite Way Roof Corporation ("RWC") expressly warrants that the work performed pursuant to this Proposal and Contract ("the Work") will be free from any defect for a period of one (1) years from substantial completion of the Work, subject to the following definitions and limitations:
The parties agree that, for the purpose of this proposal and contract and the work performed by RWC, the term "defect" is defined and limited to an item of workmanship which:
1. Falls below the reasonable standard of care in RWC's trade, when considered in light of the conditions present at the property in question, or
2. A material deviation from the approved specifications for the Work;
and which
1. Causes damage to another component of the improvements which comprise the property in question, or
2. Significantly diminishes the expected usable life of the Work.
Warranty Limitations and Exclusions. RWC's liability to the property owner pursuant to this warranty shall be limited to RWC's labor and material costs to remedy any claimed defect it determines to in fact exist.
This warranty is limited only to those materials supplied and installed by RWC, and specifically excludes:
1. Existing materials salvaged by RWC and utilized in the course of the Work;
2. Any defect or other condition in other components of the property which interface with, or are located adjacent to, the Work. The property owner shall be solely responsible for conducting any inspections he or she deems necessary to inspect other portions of the property. Owner expressly acknowledges and agrees that RWC is under no duty to advise Owner of any conditions existing or discovered outside the scope of RWC's Work;
3. Any damage to personal property, contents or other portions of the property caused by water intrusion during RWC's performance of the Work, regardless of cause.
Commencement of the Warranty Period. The warranty period shall commence upon substantial completion of RWC's Work. In the case of multiple buildings or structures, the warranty provided by RWC shall commence upon substantial completion of RWC's Work on each such structure.
Warranty Claims. In order to invoke the warranty provided by RWC, the property owner must provide written notice of any defect which it believes to exist within the Work. RWC shall have twenty (20) days from the date of the written notice to make those repairs it determines are reasonably necessary to remedy the claimed defect.
Voiding of Warranty. This warranty shall be void in the event of any of the following:
1. Inadequate maintenance of the roof systems which comprise the Work by the Owner;
2. Any modification or repair of the Work by any third party; or
3. Failure to provide Contractor with written notice of any claimed defect and sufficient time to remedy the claimed defect as provided for in this Proposal and Contract.
Investigation of Warranty Claims. The property owner understands and acknowledges that a roof may leak for a number of reasons not related to any defect in the Work including, but not limited to: fire, earthquake, extreme wind, hail or distortion, warping, settlement or other defects in the foundation (roof deck) upon which the roof is applied and rests, excessive foot traffic, tree droppings, tree branch contact and acts of vandalism. Further, a roof may leak as a result of defects in components outside the scope of the Work including, but not limited to, leaks through the skylights, air conditioning units, vents, or other sheet metal installations.
In the event the property owner makes a claim pursuant to RWC's express warranty which is determined to not in fact be a defect, the property owner understands and agrees that they will be responsible for all costs and fees charges by RWC to perform its investigation. These fees and costs will include an hourly charge for the investigation, as well as the cost of any materials used by RWC in the course of the investigation. The property owner agrees that these charges will be paid upon presentation of RWC's invoice.

Owners Initials_____

Water Leaks During Work. Sudden rains may occur without warning. RWC has no control over the weather, and cannot ensure that weather conditions will be suitable for the duration of the Work. The property owner understands and agrees that RWC will have no liability of responsibility for damage to any person property, contents, or other components of the property caused by water or rain damage which occurs during the Work.

No Duty Beyond Work. In the course of preparing this Proposal and Agreement, and in performing the Work, RWC may make observations or recommendations about other aspects or components of the property. The property owner understands and agrees that, in making any observations, statements or recommendations, RWC is not acting as a consultant. The property owner agrees that he or she is not in any way relying upon any statements, observations or recommendations made by RWC pertaining to any item outside the scope of the Work. RWC shall have no liability to the property owner or any other party which extends beyond the scope of the Work in any manner, fashion or respect.

Extras to the Work. During progress of construction, the property owner may order extra work beyond the scope of Work identified in this Proposal and Contract. The amount for such extra work shall be determined in advance if possible. Otherwise, the property owner will be charged for RWC's actual cost of labor, materials, and all other direct allocable costs plus 22% for RWC's overhead and fee. All sums for extras shall be due and payable in advance of the work performed unless agreed in writing that it is payable at any other time.

Delays in Completion of the Work. RWC shall not be responsible for delays incurred as a result of acts of neglect or omission of the property owner or his or her employees or agents, acts of God, stormy or inclement weather, strikes, lockouts, boycotts, or other labor union activities, extra work ordered by the property owner, acts of public enemy, riots or civil commotion, inability to secure material through regular recognized channels, imposition of government priority or allocation of materials, failure of Owner to provide payments when due, or delays caused by inspections, or changes ordered by the inspectors of governmental bodies concerned, or other causes beyond the control of RWC.

Unless otherwise agreed in writing by the parties, the property owner understands and agrees that property owner is not relying upon any representations made by RWC with regard to the total time duration for completion of the Work. The property owner has been advised and understands that a fixed-duration agreement, subject to the exceptions set forth above, may be negotiated with RWC for an additional fee.

Access to the Property. The property owner agrees to grant free access to work areas for workmen and vehicles and shall allow areas for storage of materials and debris.

1. The property owner agrees to keep driveways clear and available for movement and parking of trucks during normal work hours.
2. The property owner understands and agrees that RWC and its workmen shall not be expected to keep gates closed for animals or children.
3. The property owner agrees that RWC shall have no liability or responsibility for and damage to driveways, walks, lawns, shrubs or other vegetation, caused by movement of trucks, men, equipment, materials, debris, etc.
4. The property owner understands and agrees that adequate access will be provided to all portions of the property in order for RWC to complete the Work. The property owner understands and agrees that RWC will charge a minimum of $400 above and beyond the price set forth in this Proposal and Agreement for each trip to the property at which access to the property is not available.

Right to Stop Work. RWC may stop its work if payments are not made by the property owner when due. In the event RWC's work should be stopped by order of any court or other authority or by the property owner for a period of sixty (60) days or more, RWC may, at its option, demand and receive payment for all work executed and materials supplied (inclusive of profit and overhead) as of the date of the work stoppage.

Replacement of Antennas. The property owner understands and agrees that RWC shall not be responsible for removal or reinstallation of antennas or satellite dishes. The property owner understands that RWC may charge an additional fee in addition to the price set forth in this Proposal and Agreement to remove or replace antennas or satellite dishes, should it elect to perform such removal or replacement.

Interest on Unpaid Balance. All invoices provided by RWC are due and payable upon presentation to the property owner. RWC shall be entitled to collect interest at the rate of one and one-half (1-1/2%) per month on any unpaid balance. Any partial payments made by the property owner will be first applied to accrued interest. Any remaining monies will then be applied to reduce the outstanding principal balance.

Arbitration. RWC and the property owner agree that any dispute arising out of or in any way pertaining to any claim of defects in the Work or breach of the warranty provided by RWC shall be submitted to the American Arbitration Association for binding arbitration. The property owner understands and acknowledges that, by entering into this Proposal and Agreement, he or she is waiving the right to file suit and receive a jury trial, as well as to appeal the binding decision of the arbitrator.

For the purpose of the arbitration proceedings, any demand for arbitration shall be filed with the office of the American Arbitration Association located closest to the property.

This provision does not apply to any action instituted by RWC for collection of monies due or as a result of the property owner's breach of this Proposal and Agreement.

Attorney Fees. In the event any claim, demand, arbitration proceeding or lawsuit should be made or instituted in connection with or in any way pertaining to this Proposal and Agreement or the work, RWC shall be entitled to reimbursement for its reasonable attorney fees and costs incurred by it. Recoverable costs shall include court costs, filing fees, arbitration fees, expert fees and expert costs.

Integrated Agreement/Amendment. Both RWC and the property owner agree that the terms set forth in this Proposal and Agreement constitute the full and complete agreement of the parties, and is intended to constitute a fully integrated contract agreement under California law. The property owner acknowledges and agrees that RWC has made no promises, representations of fact or warranties except as set forth in this Proposal and Agreement.

The terms of this Proposal and Agreement may only be modified by another written agreement.

Agreement Binding When Signed. This Proposal and Agreement is only binding upon its execution by the property owner and an officer or principal of RWC.

CONTRACTORS ARE REQUIRED BY LAW TO BE LICENSED AND REGULATED BY THE CONTRACTORS STATE LICENSE BOARD. ANY QUESTIONS CONCERNING THE RESPONSIBILITIES OF A CONTRACTOR MAY BE REFERRED TO REGISTRAR OF THE BOARD WHOSE ADDRESS IS CONTRACTORS STATE LICENSE BOARD, 1020 "N" STREET, SACRAMENTO, CALIFORNIA 95814.

Owners Initials_____

Contractor's Price Proposal - Summary

Date: March 12, 2024

Re:

IQC Master Contract #:	CA-R8-RW-101723-RWR
Work Order #:	126280.00
Owner PO #:	
Title:	City of Cypress-Community Center Roofing Project
Contractor:	Rite-Way Roofing Corporation
Proposal Value:	$520,593.53

Section - 01 General Requirements	**$24,952.30**
Section - 05 Metals	**$5,364.25**
Section - 06 Wood, Plastics, and Composites	**$16,420.58**
Section - 07 Thermal and Moisture Protection	**$473,375.34**
Section - 23 Heating, Ventilating, and Air-Conditioning (HVAC)	**$481.06**
Proposal Total	**$520,593.53**

Thisl total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding.

The Percentage of NPP on this Proposal: %

Contractor's Price Proposal - Detail

Date: March 12, 2024

Re:

IQC Master Contract #:	CA-R8-RW-101723-RWR
Work Order #:	126280.00
Owner PO #:	
Title:	City of Cypress-Community Center Roofing Project
Contractor:	Rite-Way Roofing Corporation
Proposal Value:	$520,593.53

	Sect.	Item	Mod.	UOM	Description	Line Total
Labor	Equip.	Material	(Excludes)			
Section - 01						
1	01 22	16 00 0002		EA	Reimbursable FeesReimbursable Fees will be paid to the contractor for eligible costs as directed by Owner. Insert the appropriate quantity to adjust the base cost to the actual Reimbursable Fee. If there are multiple Reimbursable Fees, list each one separately and add a comment in the "note" block to identify the Reimbursable Fee (e.g. sidewalk closure, road cut, various permits, extended warranty, expedited shipping costs, etc.). A copy of each receipt, invoice, or proof of payment shall be submitted with the Price Proposal.	$11,206.51
				Installation	Quantity 10,187.74 x Unit Price 1.00 x Factor 1.1000 = Total 11,206.51	
					Reimbursable Bonding Fees: $509,387.02 * 2%=$10,187.74	
2	01 22	23 00 1076		MO	10,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	$31,899.55
				Installation	Quantity 1.00 x Unit Price 23,464.18 x Factor 1.3595 = Total 31,899.55	
					Material handling, operator req'd only 25% of time. Difficult access roof.	
3	01 22	23 00 1076	0035	MOD	For Equipment Without Operator, Deduct	-$24,187.66
				Installation	Quantity 0.90 x Unit Price -19,768.43 x Factor 1.3595 = Total -24,187.66	
4	01 56	26 00 0005		LF	Temporary 6' High Chain Link Fence And Posts, Up To 6 Months	$793.95
				Installation	Quantity 80.00 x Unit Price 7.30 x Factor 1.3595 = Total 793.95	
					Temporary fencing at staging area.	
5	01 56	26 00 0005	0072	MOD	For Each LF Shade Cloth, Add	$277.34
				Installation	Quantity 80.00 x Unit Price 2.55 x Factor 1.3595 = Total 277.34	
6	01 71	13 00 0004		EA	First 25 Miles, Equipment Delivery, Pickup, Mobilization And Demobilization Using A Tractor Trailer With Up To 53' BedIncludes loading, tie-down of equipment, delivery of equipment, off loading on site, rigging, dismantling, loading for return and transporting away. For equipment such as bulldozers, motor scrapers, hydraulic excavators, gradalls, road graders, loader-backhoes, heavy duty construction loaders, tractors, pavers, rollers, bridge finishers, straight mast construction forklifts, telescoping boom rough terrain construction forklifts, telescoping and articulating boom man lifts with >40' boom lengths, etc.	$2,026.17
				Installation	Quantity 1.00 x Unit Price 1,490.38 x Factor 1.3595 = Total 2,026.17	
					Delivery of fork lift.	
7	01 74	19 00 0016		EA	40 CY Dumpster (5 Ton) "Construction Debris"Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	$2,936.44
				Installation	Quantity 3.00 x Unit Price 719.98 x Factor 1.3595 = Total 2,936.44	
					Disposal of demolished roof material + general construction debris	
Subtotal for Section - 01						**$24,952.30**
Section - 05						

Contractor's Price Proposal - Detail Continues..

Work Order Number: 126280.00
Work Order Title: City of Cypress-Community Center Roofing Project

Section - 05

8	05 51 33 13 0002		VLF	20" Wide Vertical Steel Ladder Primed										$496.05
					Quantity		Unit Price		Factor	=	Total			
				Installation	4.00	x	91.22	x	1.3595	=	496.05			
				48" Aluminum Wall ladder with Walk through hand rails.										
9	05 51 33 13 0002	0042	MOD	For Aluminum, Add										$139.27
					Quantity		Unit Price		Factor	=	Total			
				Installation	4.00	x	25.61	x	1.3595	=	139.27			
10	05 51 33 13 0002		VLF	20" Wide Vertical Steel Ladder Primed										$1,041.71
					Quantity		Unit Price		Factor	=	Total			
				Installation	8.40	x	91.22	x	1.3595	=	1,041.71			
				101" Aluminum Wall ladder with Walk through hand rails.										
11	05 51 33 13 0002	0042	MOD	For Aluminum, Add										$292.46
					Quantity		Unit Price		Factor	=	Total			
				Installation	8.40	x	25.61	x	1.3595	=	292.46			
12	05 51 33 13 0002		VLF	20" Wide Vertical Steel Ladder Primed										$1,041.71
					Quantity		Unit Price		Factor	=	Total			
				Installation	8.40	x	91.22	x	1.3595	=	1,041.71			
				101" Aluminum Wall ladder with Walk through hand rails.										
13	05 51 33 13 0002	0042	MOD	For Aluminum, Add										$292.46
					Quantity		Unit Price		Factor	=	Total			
				Installation	8.40	x	25.61	x	1.3595	=	292.46			
14	05 51 33 13 0007		EA	20" Wide Vertical Steel Ladder Walk-Thru Handrails, PrimedExtends 42" above landing surface. Includes mounting bracket.										$1,482.05
					Quantity		Unit Price		Factor	=	Total			
				Installation	3.00	x	363.38	x	1.3595	=	1,482.05			
				Aluminum Wall ladder Pass through hand rails.										
15	05 51 33 13 0007	0042	MOD	For Aluminum, Add										$578.54
					Quantity		Unit Price		Factor	=	Total			
				Installation	3.00	x	141.85	x	1.3595	=	578.54			

Subtotal for Section - 05 **$5,364.25**

Section - 06

16	06 16 33 00 0004		SF	1/2" Thick CDX Plywood Roof DeckingApplied to wood rafters.										$706.51
					Quantity		Unit Price		Factor	=	Total			
				Installation	256.00	x	2.03	x	1.3595	=	706.50			
				Exterior grade plywood sheathing installed over Stucco Wall at Stairwell in order to roof entire wall.										
17	06 16 33 00 0004	0006	MOD	For Exterior CC Grade Plywood, Add										$38.28
					Quantity		Unit Price		Factor	=	Total			
				Installation	256.00	x	0.11	x	1.3595	=	38.28			
18	06 16 33 00 0004		SF	1/2" Thick CDX Plywood Roof DeckingApplied to wood rafters.										$9,073.19
					Quantity		Unit Price		Factor	=	Total			
				Installation	2,528.00	x	2.03	x	1.3595	=	6,976.74			
				Demolition	2,528.00	x	0.61	x	1.3595	=	2,096.46			
				10% plywood contingency for damaged or dry rotted decking discovered during roof removal.										
19	06 16 33 00 0004	0006	MOD	For Exterior CC Grade Plywood, Add										$38.28
					Quantity		Unit Price		Factor	=	Total			
				Installation	256.00	x	0.11	x	1.3595	=	38.28			

Contractor's Price Proposal - Detail Continues..

Work Order Number: 126280.00
Work Order Title: City of Cypress-Community Center Roofing Project

Section - 06

20	06 16 33 00 0004	0011	MOD	For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add									$6,701.79
					Quantity		Unit Price		Factor	=	Total		
				Installation	2,528.00	x	1.95	x	1.3595	=	6,701.79		
21	06 16 33 00 0004	0027	MOD	For >1,696 To 3,200, Deduct									-$137.47
					Quantity		Unit Price		Factor	=	Total		
				Installation	2,528.00	x	-0.04	x	1.3595	=	-137.47		

Subtotal for Section - 06 **$16,420.58**

Section - 07

22	07 22 16 00 0390		SF	3.5" Average Thickness (20.0 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened									$25,999.08
					Quantity		Unit Price		Factor	=	Total		
				Installation	2,800.00	x	6.83	x	1.3595	=	25,999.08		
				Tapered insulation at cricket areas and behind equipment curbs.									
23	07 22 16 00 0470		SF	Demolish >2" To 3" Average Thickness, Rigid Board Roofing Insulation									$1,957.68
					Quantity		Unit Price		Factor	=	Total		
				Installation	2,400.00	x	0.60	x	1.3595	=	1,957.68		
				Demo existing cricket area.									
24	07 54 19 00 0007		SQ	60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully AdheredIncludes adhesive.									$169,049.58
					Quantity		Unit Price		Factor	=	Total		
				Installation	252.00	x	412.43	x	1.3595	=	141,296.04		
				Demolition	252.00	x	81.01	x	1.3595	=	27,753.54		
				Remove and replace Single Ply Roof field membrane									
25	07 54 19 00 0007	0136	MOD	For >200, Deduct									-$20,308.97
					Quantity		Unit Price		Factor	=	Total		
				Installation	252.00	x	-59.28	x	1.3595	=	-20,308.97		
26	07 54 19 00 0007	0138	MOD	For 20 Year Warranty, Add									$2,398.16
					Quantity		Unit Price		Factor	=	Total		
				Installation	252.00	x	7.00	x	1.3595	=	2,398.16		
27	07 54 19 00 0015		SQ	Acrylic, Polyvinyl Chloride (PVC) Roofing Cleaner/Primer, Price Per Coat									$554.19
					Quantity		Unit Price		Factor	=	Total		
				Installation	6.00	x	67.94	x	1.3595	=	554.19		
				PVC Cleaner for cleaning seams on PVC.									
28	07 54 19 00 0017		EA	Up To 3" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/BootIncludes attaching the boot to the membrane, caulking around the pipe and installing a draw band.									$2,619.38
					Quantity		Unit Price		Factor	=	Total		
				Installation	27.00	x	71.36	x	1.3595	=	2,619.38		
				Pipe Boot Flashings installed at all pipes and vents.									
29	07 54 19 00 0021		LF	36" Wide, Polyvinyl Chloride (PVC) Walkway Protection Pad									$14,164.90
					Quantity		Unit Price		Factor	=	Total		
				Installation	370.00	x	28.16	x	1.3595	=	14,164.90		
				Walk way Pad installed per Roof Plan.									
30	07 54 19 00 0022		SF	Polyvinyl Chloride (PVC) Membrane Base Flashing									$46,029.95
					Quantity		Unit Price		Factor	=	Total		
				Installation	3,800.00	x	7.44	x	1.3595	=	38,435.78		
				Demolition	3,800.00	x	1.47	x	1.3595	=	7,594.17		
				Remove and replace Base flashings at wall flashing.									

Work Order Number: 126280.00
Work Order Title: City of Cypress-Community Center Roofing Project

Section - 07

31	07 54 19 00 0023		SF	Polyvinyl Chloride (PVC) Membrane Curb Flashing								$3,028.29
					Quantity		Unit Price		Factor	=	Total	
				Installation	250.00	x	8.91	x	1.3595	=	3,028.29	
				Remove and replace Base Flashings at curbs.								
32	07 54 19 00 0024		SF	Polyvinyl Chloride (PVC) Clad Edge Metal Or Base Flashing20 Mil polyvinyl chloride (PVC) membrane laminated to 24 gauge galvanized steel.								$553.04
					Quantity		Unit Price		Factor	=	Total	
				Installation	40.00	x	10.17	x	1.3595	=	553.04	
				Clad Metal drip edge metal at edge detail as needed.								
33	07 54 19 00 0039		LF	8" Polyvinyl Chloride (PVC) Membrane Cover Strip (Sika Sarnafil® Coverstrip)Includes aluminum tape.								$538.36
					Quantity		Unit Price		Factor	=	Total	
				Installation	80.00	x	4.95	x	1.3595	=	538.36	
				Cover strip used to strip in clad metal edge at top of stair well edge.								
34	07 54 19 00 0049		EA	6" Diameter, Seamless Heavy-Duty Aluminum Roof Drain (Sika Sarnafil® Sarnadrain With U-Flow®)								$23,182.85
					Quantity		Unit Price		Factor	=	Total	
				Installation	16.00	x	1,065.78	x	1.3595	=	23,182.85	
				Closest Line item to New Retrofit drains installed at all drain locations. Does not include overflow.								
35	07 54 19 00 0050		EA	Inside Corner, Prefabricated Polyvinyl Chloride (PVC) Membrane Flashing (Sika Sarnafil® Sarnacorners - Inside)								$1,271.27
					Quantity		Unit Price		Factor	=	Total	
				Installation	45.00	x	20.78	x	1.3595	=	1,271.27	
				Pre-molded inside PVC corners installed @ inside corners and sump drain areas on roof.								
36	07 54 19 00 0051		EA	Outside Corner, Prefabricated Polyvinyl Chloride (PVC) Membrane Flashing (Sika Sarnafil® Sarnacorners - Outside)								$1,553.77
					Quantity		Unit Price		Factor	=	Total	
				Installation	55.00	x	20.78	x	1.3595	=	1,553.77	
				Pre-molded outside PVC corners installed @ equipment curbs on roof.								
37	07 59 00 00 0002		LF	Membrane Roofing Termination BarIncludes fasteners and caulking.								$1,072.37
					Quantity		Unit Price		Factor	=	Total	
				Installation	170.00	x	4.64	x	1.3595	=	1,072.37	
				Aluminum Termination bar at all counter flashed and vertical terminations.								
38	07 62 13 00 0032		SF	24 Gauge, 0.028" Thick, Galvanized Steel Flashing								$2,962.69
					Quantity		Unit Price		Factor	=	Total	
				Installation	0.00	x	12.72	x	1.3595	=	0.00	
				Demolition	575.00	x	3.79	x	1.3595	=	2,962.69	
				Demo of existing parapet wall flashing metal.								
39	07 71 13 00 0004		LF	>14" To 16" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats								$54,735.51
					Quantity		Unit Price		Factor	=	Total	
				Installation	1,150.00	x	35.01	x	1.3595	=	54,735.51	
				New Kynar finished Coping cap on top of Parapet walls. Standard colors only.								
40	07 71 13 00 0004	0556	MOD	For >1,000 LF, Deduct								-$625.37
					Quantity		Unit Price		Factor	=	Total	
				Installation	1,150.00	x	-0.40	x	1.3595	=	-625.37	
41	07 71 23 00 0223		LF	3" x 4", 26 Gauge, Rectangular Galvanized Steel Downspout								$492.68
					Quantity		Unit Price		Factor	=	Total	
				Installation	40.00	x	9.06	x	1.3595	=	492.68	
				New Leader heads and downspouts at small canopy roof North side to accommodate water run off.								

Contractor's Price Proposal - Detail Continues..

Work Order Number: 126280.00
Work Order Title: City of Cypress-Community Center Roofing Project

Section - 07

42	07	71	23	00 0226		EA	Galvanized Steel Leader/Conductor Head						$850.86
						Installation	Quantity 2.00	x	Unit Price 312.93	x	Factor 1.3595	=	Total 850.86
						New Leader heads and downspouts at small canopy roof North side to accommodate water run off.							
43	07	71	23	00 0226	0328	MOD	For Kynar 500® Finish, Add						$320.05
						Installation	Quantity 2.00	x	Unit Price 117.71	x	Factor 1.3595	=	Total 320.05
44	07	73	00	00 0021		SF	1/2" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck® Prime)						$140,120.95
						Installation	Quantity 25,200.00	x	Unit Price 4.09	x	Factor 1.3595	=	Total 140,120.95
						Coverboard installed over wood deck.							
45	07	92	13	00 0034		CLF	1/4" x 1/4" Joint, Polyurethane Sealant And Caulking						$854.07
						Installation	Quantity 2.00	x	Unit Price 314.11	x	Factor 1.3595	=	Total 854.07
						Sealant at counter flashing and Coping Metal Joints.							

Subtotal for Section - 07 **$473,375.34**

Section - 23

46	23	05	29	00 0629		EA	5" x 6" x 9.6" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10)						$481.06
						Installation	Quantity 5.00	x	Unit Price 70.77	x	Factor 1.3595	=	Total 481.06
						Pipe Supports for roof mounted piping							

Subtotal for Section - 23 **$481.06**

Proposal Total **$520,593.53**

This total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding.

The Percentage of NPP on this Proposal: **%**

EXHIBIT B

SPECIAL REQUIREMENTS
(Superseding Agreement Template)

Bond No. _____

EXHIBIT C

FAITHFUL PERFORMANCE BOND

SEE ATTACHED

Bond No. _____

EXHIBIT D

LABOR AND MATERIALS PAYMENT BOND

SEE ATTACHED

EXHIBIT E

INVOICE FORM

SEE ATTACHED

March 14, 2024

Daniel Co
Assistant City Engineer
City of Cypress
Public Works Engineering
5275 Orange Avenue
Cypress, CA 90630

SUBJECT: PROPOSAL TO PROVIDE CONSTRUCTION INSPECTION SERVICES FOR THE COMMUNITY CENTER ROOF REPLACEMENT, PROJECT 329

Dear Mr. Co,

Ardurra Group, Inc. is pleased to present our proposal to the City of Cypress to provide professional part-time construction inspection services for the Community Center Roof Replacement, Project 329 in accordance with Attachment "A" – Scope of Services and Attachment "B" – Schedule of Compensation. All work will be completed pursuant to the City of Cypress On-Call Construction Management and Inspection Services Contract dated June 27, 2022.

Respectfully submitted,

Ardurra Group, Inc.

Omar Alameddine
Project and Construction Management Group Leader

ATTACHMENT "A"
SCOPE OF SERVICES

The scope of services includes part-time inspection services and project controls to assist our inspector in the field. Ardurra's inspector will provide oversight for demolition, surface preparations, single ply roofing system, walking pads, flashings, copings, and roof drain installations, exhaust fan reinstallation, and other incidental items of work.

Below is a list of services included in this proposal:

- Represent the City's interests with the overall construction inspection of this project.
- Monitor the contractor's compliance with the project contract, specifications, and National Pollutant Discharge Elimination System (NPDES).
- Assist City staff with public relations, including distributing construction notices and responding to inquiries of residents and the general public.
- Attend the preconstruction meeting and subsequent weekly field meetings, as needed.
- Assist the City's construction manager in monitoring and documenting the contractor's adherence to the approved construction schedule.
- Be present on the job site when construction is in progress and when inspection is required. Full-time inspection work is proposed as requested by the City. Ardurra will not be responsible for observing construction activities that are implemented when its inspector is not scheduled/present on site.
- Provide assistance and direction to technicians performing material tests, as needed.
- Measure and verify the project pay item quantities in place. All pay item quantities must be confirmed with the contractor prior to submission of the invoice for payment.
- Review the contractor's invoices.
- Prepare daily inspection reports (Daily Activity Report, Weekly Statement of Working Days, etc.) as required for this project.
- Review traffic control and coordinate adjustments as needed.
- Identify items requiring corrective action by either the contractor or the City. Monitor and document timely corrective actions implemented by the contractor.
- Develop punch list items and monitor corrections made.

ATTACHMENT "B"
SCHEDULE OF COMPENSATION

City of Cypress
Construction Inspection for
Community Center Roof Replacement, Project 329
35-Working Day Construction Duration

Role / Name	Total Hours	Hourly Rate	Extended Fee
Public Works Inspector	160.00	$ 152.00	$ 24,320.00
PE Licensed Inspector	-	$ 170.00	-
Project Controls Engineer	80.00	$ 145.00	$ 11,600.00
Labor Compliance / Document Control /Admin / - As Needed	40.00	$ 130.00	$ 5,200.00
Miscellaneous ODCs - Allowance	-	-	$ 5,000.00
Total Estimated Fee			**$ 46,120.00**

Exclusions to Scope and Fee: The following items are specifically excluded:

1. Night-time/weekend inspection and weekday hours in excess of a regular 8-hour shift that would be subject to overtime pay, unless so authorized in writing by the City
2. Submittal and RFI reviews
3. Special inspections

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Indefinite Delivery-Indefinite Quantity Construction Contract

Contract Number: CA-R8-RW-101723-RWR

Service Type: Roofing/Waterproofing

This Indefinite Delivery-Indefinite Quantity Construction Contract (Contract) is between **Sourcewell**, 202 12th Street Northeast, P.O. Box 219, Staples, MN 56479 and **Rite-Way Roof Corporation, 15425 Arrow Route, Fontana, CA 30211** (Contractor).

Sourcewell is a State of Minnesota local government agency and service cooperative created under the laws of the State of Minnesota (Minnesota Statutes Section 123A.21) that offers cooperative procurement solutions to government entities. Participation is open to federal, state and municipal governmental entities, K-12 and higher education entities, nonprofit entities, tribal governments, and other public entities located within the United States.

The Contractor desires to contract with Sourcewell to provide construction services to entities that access Sourcewell's indefinite delivery-indefinite quantity (IDIQ) construction contracts within the Service Region.

I. TERM OF CONTRACT

A. EFFECTIVE DATE. This Contract, including the General Terms and Conditions incorporated by reference, is effective upon the later of December 6, 2023 or the date of the final signature below.

B. EXPIRATION DATE AND EXTENSION. This Contract expires **December 5, 2024**, unless it is terminated sooner pursuant to Article XX of the General Terms and Conditions, which are incorporated into this Contract by reference. This Contract allows up to five additional one-year extensions upon the request of Sourcewell and written agreement with Contractor. Sourcewell retains the right to consider additional extensions beyond six years as required under exceptional circumstances.

II. REGION AND SERVICES

The Contractor's Region is: Region 8. The Contractor's IDIQ construction service type is: Roofing/Waterproofing. The Contractor **has** agreed to perform work outside the Region.

III. ADJUSTMENT FACTORS

The Contractor will perform any or all Tasks in the Construction Task Catalog for the Unit Price appearing therein multiplied by the following Adjustment Factors. See the General Terms and Conditions for additional information.

A. **Normal Working Hours – Prevailing Wage Rate Projects**: Work performed from 7:00 a.m. until 4:00 p.m. Monday to Friday, except Holidays. The Contractor will perform Tasks during Normal Working Hours for the Unit Price set forth in the CTC multiplied by the Adjustment Factor of: 1.3595.

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B. **Other Than Normal Working Hours – Prevailing Wage Rate Projects**: Work performed from 4:00 p.m. to 7:00 a.m. Monday to Friday, and any time Saturday, Sunday and Holidays. The Contractor will perform Tasks during Other Than Normal Working Hours for the Unit Price set forth in the CTC multiplied by the Adjustment Factor of: 1.6314.

C. **Secured Facilities/OSHPD Prevailing - Wage Rate Projects**: Work performed from 7:00 a.m. until 4:00 p.m. Monday to Friday, except Holidays. The Contractor will perform Tasks during Normal Working Hours for the Unit Price set forth in the CTC multiplied by the Adjustment Factor of: 2.2513.

D. **All Union Wage Projects**: Work performed from 7:00 a.m. until 4:00 p.m. Monday to Friday, except Holidays. The Contractor will perform Tasks during Normal Working Hours for the Unit Price set forth in the CTC multiplied by the Adjustment Factor of: 1.3595.

E. **Non pre-priced Adjustment Factor**: To be applied to Work determined not to be included in the CTC but within the general scope of the work: 1.2973.

VI. AUTHORIZED REPRESENTATIVE

A. Sourcewell's Authorized Representative is its Chief Procurement Officer.

B. The Contractor's Authorized Representative is Jeff Hughes. If the Contractor's Authorized Representative changes at any time during this Contract, Contractor must promptly notify Sourcewell in writing.

Sourcewell	Rite-Way Roof Corporation
DocuSigned by: Jeremy Schwartz C0FD2A139D06489...	DocuSigned by: Jeff Hughes E98F8B488F144B9...
By: _____	By: _____
Jeremy Schwartz	Jeff Hughes
Title: Chief Procurement Officer	Title: President
Date: 12/11/2023 | 10:03 AM CST	Date: 12/11/2023 | 7:39 AM PST

CITY OF CYPRESS

CITY COUNCIL REPORT

City Council Regular **4.**

FROM: Douglas Dancs, Director of Public Works

DATE: 03/25/2024

SUBJECT: **Award Contract for Traffic Signal System Software and Components, Project 352**

RECOMMENDATION

Award a contract to SWARCO McCain, Inc. for $998,760.61, for the purchase of Traffic Signal System Software and Components.

DISCUSSION

The Seven-Year Capital Improvement Program (CIP) includes a project to replace existing traffic signal system software, equipment, and components citywide for 61 signals. The manufacturer no longer supports the 25-year-old signal controller hardware and software system. Replacing it with a modern system will improve signal operations and increase reliability. It will also provide engineers and technicians with access to new advanced technologies and features.

This project will replace various components in two phases to allow for the testing of new components and features and to minimize any potential disruptions to traffic flow. This first phase will upgrade 29 intersections with the remaining 32 intersections scheduled for replacement in FY 2024-25 as part of the upcoming CIP.

Local governments use cooperative government purchasing programs to directly purchase items and receive discounted pricing unavailable to contractors. When contractors purchase amenities, they generally pay retail prices and mark up the cost by 10%-20%. The City will utilize the Houston-Galveston Area Council (H-GAC) cooperative agreement to purchase the traffic signal system hardware and software. Municipal Code Section 21A-10(e) allows the use of cooperative purchasing programs as a more efficient and cost-effective method of competitively bid procurement by receiving volume-type pricing.

Public Works will solicit bids for the installation of the components in May and will bring a recommendation for a contract award to the City Council this summer.

BUDGET IMPACT

The cost of the traffic signal system software and adaptive controls is $998,760.61 and the budget in the Lighting District Fund includes $1,575,000 for the first phase of the project. The remaining amount budgeted is available for installation of the system, which is expected to be awarded later this year.

Public Works estimates direct procurement of the software and controls will save roughly $150,000 when compared to purchasing the items through the contractor awarded the contract for installation. It is also anticipated annual cost savings for on-call traffic signal maintenance will be realized by upgrading and modernizing system components.

LEGAL REVIEW

None required.

APPROVED BY: Peter Grant, City Manager

Attachments

Cost Proposal
HGAC Agreement
HGAC Current Price List

HGACBuy	CONTRACT PRICING WORKSHEET For Catalog & Price Sheet Type Purchases	Contract No.:	PE-05-21	Date Prepared:	2/15/2024

This Worksheet is prepared by Contractor and given to End User. If a PO is issued, both documents MUST be faxed to H-GAC @ 713-993-4548. Therefore please type or print legibly.

Buying Agency:	City of Cypress California	**Contractor:**	Consolidated Traffic Controls, Inc.
Contact Person:	0	**Prepared By:**	Bobby Hale
Phone:	0	**Phone:**	800-448-8841
Fax:		**Fax:**	800-448-8850
Email:	0	**Email:**	Bobby.Hale@ctc-traffic.com
Catalog / Price Sheet Name:	Traffic Control, Enforcement & Signal Preemption Equipment		
General Description of Product:	Traffic Control Equipment		

A. Catalog / Price Sheet Items being purchased - Itemize Below - Attach Additional Sheet If Necessary

-

Line Number	Quan	Description	Unit Pr	Total
2030	26	M73101RWA Rack Mount Flex Controller- w/ Wi-Fi Caltrans Cabinets	$ 2,837.00	$ 73,762.00
2032	2	M73101SWA Shelf Mount Flex Controller w/ Wi-Fi- Caltrans	$ 2,731.00	$ 5,462.00
2035	1	M73101SWC FLEX SHELF MOUNT CNTRL,WIFI,CONN BOX STAND, TS2-2	$ 3,035.00	$ 3,035.00
2044	29	S-OMNI OMNI Software	$ 1,250.00	$ 36,250.00
2057	1	Transparity 51-100 Transparity Software (51-100 Controllers)	$ 118,750.00	$ 118,750.00
2062	3	Transparity Maint 1-100 Annual Software Maitenance (1-100 controllers)	$ 9,250.00	$ 27,750.00
2299	280	LMD222 2 CH. Detector, Rack Mt.w/Deflectometer	$ 143.00	$ 40,040.00
2479	13	M73473 350i Montgomery County ATCC-HV, IA-24CH, FITA-24CH, OA-16CH, SA, NAT Cabinet (Add Contr	$ 19,223.00	$ 249,899.00
2482	15	M78508-SC 353i ATCC-HV Prosper Cabinet IA-24CH,FITA-24CH, OA-16CH, PWDR, (Add Controller) 9 LS 2	$ 19,600.00	$ 294,000.00
2484	2	M91096 P44 Rack ATCC-HV Tyler Cabinet IA-24CH,FITA-24CH, OA-16CH, SA, Gen, (Add Controller)	$ 19,848.00	$ 39,696.00
3416	29	CTCINSTALLINT Intersection Turn on One Man 8 Hours Included (Add Drive Time and Air Hotel and ALL Tra	$ 1,440.00	$ 41,760.00
			Total From Other Sheets, If Any:	
			Subtotal A:	**$ 930,404.00**

B. Unpublished Options, Accessory or Service items - Itemize Below - Attach Additional Sheet If Necessary
(Note: Unpublished Items are any which were not submitted and priced in contractor's bid.)

Quan	Description	Unit Pr	Total
			$ -
			$ -
			$ -
			$ -
		Total From Other Sheets, If Any:	
		Subtotal B:	**$ -**

Check: The total cost of Unpublished Options (Subtotal B) cannot exceed 25% of the total from Section A.	**For this transaction the percentage is:**	0%

C. Other Allowances, Discounts, Trade-Ins, Freight, Make Ready or Miscellaneous Charges

Quan	Description	Unit Pr	Total
29	Support Discount	$ (120.00)	$ (3,480.00)
			$ -
		Subtotal C:	**$ (3,480.00)**

Delivery Date:	**30 to 45 Days ARO**	**D. Total Purchase Price (A+B+C):**	**$ 926,924.00**

SUBTOTAL	**$926,924.00**
7.75% TAX *SUBJECT TO CHANGE	$71,836.61
TOTAL	**$998,760.61**

H-GAC Contract Dated December 2021
(Attached pricing outdated, price increases permitted after 12 months of contract date)

Amendment No. 1 Dated December 2021

Amendment No. 2 Dated April 2023

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GENERAL PROVISIONS

This Agreement is made and entered into, by and between the Houston-Galveston Area Council hereinafter referred to as H-GAC having its principal place of business at 3555 Timmons Lane, Suite 120, Houston, Texas 77027 and Consolidated Traffic Controls, Inc., hereinafter referred to as the Contractor, having its principal place of business at 1016 Enterprise PL, Arlington, TX 76001.

WITNESSETH:

WHEREAS, H-GAC hereby engages the Contractor to perform certain services in accordance with the specifications of the Agreement; and

WHEREAS, the Contractor has agreed to perform such services in accordance with the specifications of the Agreement;

NOW, THEREFORE, H-GAC and the Contractor do hereby agree as follows:

ARTICLE 1: LEGAL AUTHORITY

The Contractor warrants and assures H-GAC that it possesses adequate legal authority to enter into this Agreement. The Contractor's governing body, where applicable, has authorized the signatory official(s) to enter into this Agreement and bind the Contractor to the terms of this Agreement and any subsequent amendments hereto.

ARTICLE 2: APPLICABLE LAWS

The Contractor agrees to conduct all activities under this Agreement in accordance with all federal laws, executive orders, policies, procedures, applicable rules, regulations, directives, standards, ordinances, and laws, in effect or promulgated during the term of this Agreement, including without limitation, workers' compensation laws, minimum and maximum salary and wage statutes and regulations, and licensing laws and regulations. When required, the Contractor shall furnish H-GAC with satisfactory proof of its compliance therewith.

ARTICLE 3: PUBLIC INFORMATION

Except as stated below, all materials submitted to H-GAC, including any attachments, appendices, or other information submitted as a part of a submission or Agreement, are considered public information, and become the property of H-GAC upon submission and may be reprinted, published, or distributed in any manner by H-GAC according to open records laws, requirements of the US Department of Labor and the State of Texas, and H-GAC policies and procedures. In the event the Contractor wishes to claim portions of the response are not subject to the Texas Public Information Act, it shall so; however, the determination of the Texas Attorney General as to whether such information must be disclosed upon a public request shall be binding on the Contractor. H-GAC will request such a determination only if Contractor bears all costs for preparation of the submission. H-GAC is not responsible for the return of creative examples of work submitted. H-GAC will not be held accountable if material from submissions is obtained without the written consent of the contractor by parties other than H-GAC, at any time during the evaluation process.

ARTICLE 4: INDEPENDENT CONTRACTOR

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The execution of this Agreement and the rendering of services prescribed by this Agreement do not change the independent status of H-GAC or the Contractor. No provision of this Agreement or act of H-GAC in performance of the Agreement shall be construed as making the Contractor the agent, servant or employee of H-GAC, the State of Texas or the United States Government. Employees of the Contractor are subject to the exclusive control and supervision of the Contractor. The Contractor is solely responsible for employee related disputes and discrepancies, including employee payrolls and any claims arising therefrom.

ARTICLE 5: ANTI-COMPETITIVE BEHAVIOR

Contractor will not collude, in any manner, or engage in any practice which may restrict or eliminate competition or otherwise restrain trade.

ARTICLE 6: SUSPENSION AND DEBARMENT

Debarment and Suspension (Executive Orders 12549 and 12689) – A contract award (2 CFR 180.220) must not be made to parties listed on the government-wide exclusions in the System for Award Management (SAM), in accordance with the OMB guidelines at 2 CFR 180 that implement Executive Orders 12549 (3 CFR Part 1966 Comp. p. 189) and 12689 (3 CFR Part 1989 Comp. p. 235), "Debarment and Suspension." SAM Exclusions contains the names of parties debarred, suspended, or otherwise excluded by agencies, as well as parties declared ineligible under statutory or regulatory authority other than Executive Order 12549.

Pursuant to the Federal Rule above, Respondent certifies that neither it nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation by any federal department or agency or by the State of Texas and at all times during the term of the Contract neither it nor its principals will be debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation by any federal department or agency or by the State of Texas Respondent shall immediately provide the written notice to H-GAC if at any time the Respondent learns that this certification was erroneous when submitted or has become erroneous by reason of changed circumstances. H-GAC may rely upon a certification of the Respondent that the Respondent is not debarred, suspended, ineligible, or voluntarily excluded from the covered contract, unless the H-GAC knows the certification is erroneous.

ARTICLE 7: GOAL FOR CONTRACTING WITH SMALL AND MINORITY BUSINESSES, WOMEN'S BUSINESS ENTERPRISES, AND LABOR SURPLUS AREA FIRMS (if subcontracts are to be let)

H-GAC's goal is to assure that small and minority businesses, women's business enterprises, and labor surplus area firms are used when possible in providing services under a contract. In accordance with federal procurements requirements of 2 CFR §200.321, if subcontracts are to be let, the prime contractor must take the affirmative steps listed below:

1. Placing qualified small and minority businesses and women's business enterprises on solicitation lists;
2. Assuring that small and minority businesses and women's business enterprises are solicited whenever they are potential sources;
3. Dividing total requirements, when economically feasible, into smaller task or quantities to permit maximum participation by small and minority businesses, and women's business enterprises;
4. Establishing delivery schedules, where the requirement permits, which encourage participation by small and minority businesses, and women's business enterprises;
5. Using the services and assistance as appropriate, of such organizations as the Small Business Administration and the Minority Business Development Agency of the Department of Commerce.
6.

Nothing in this provision will be construed to require the utilization of any firm that is either unqualified or unavailable. The Small Business Administration (SBA) is the primary reference and database for information on requirements related to Federal Subcontracting https://www.sba.gov/federal-contracting/contracting-guide/prime-subcontracting

NOTE: The term DBE as used in this solicitation is understood to encompass all programs/business enterprises

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such as: Small Disadvantaged Business (SDB), Historically Underutilized Business (HUB), Minority Owned Business Enterprise (MBE), Women Owned Business Enterprise (WBE) and Disabled Veteran Business Enterprise (DVBE) or other designation as issued by a certifying agency.

Contractor agrees to work with and assist HGACBuy customer in meeting any DBE targets and goals, as may be required by any rules, processes or programs they might have in place. Assistance may include compliance with reporting requirements, provision of documentation, consideration of Certified/Listed subcontractors, provision of documented evidence that an active participatory role for a DBE entity was considered in a procurement transaction, etc.

ARTICLE 8: SCOPE OF SERVICES

The services to be performed by the Contractor are outlined in an Attachment to this Agreement.

ARTICLE 9: PERFORMANCE PERIOD

This Agreement shall be performed during the period which begins May 01 2021 and ends Apr 30 2023. All services under this Agreement must be rendered within this performance period, unless directly specified under a written change or extension provisioned under Article 21, which shall be fully executed by both parties to this Agreement.

ARTICLE 10: PAYMENT OR FUNDING

Payment provisions under this Agreement are outlined in the Special Provisions. H-GAC will not pay for any expenses incurred prior to the execution date of a contract, or any expenses incurred after the termination date of the contract.

ARTICLE 11: PAYMENT FOR WORK

The H-GAC Customer is responsible for making payment to the Contractor upon delivery and acceptance of the goods or completion of the services and submission of the subsequent invoice.

ARTICLE 12: PAYMENT TERMS/PRE-PAYMENT/QUANTITY DISOUNTS

If discounts for accelerated payment, pre-payment, progress payment, or quantity discounts are offered, they must be clearly indicated in the Contractor's submission prior to contract award. The applicability or acceptance of these terms is at the discretion of the Customer.

ARTICLE 13: REPORTING REQUIREMENTS

If the Contractor fails to submit to H-GAC in a timely and satisfactory manner any report required by this Agreement, or otherwise fails to satisfactorily render performances hereunder, H-GAC may terminate this agreement with notice as identified in Article 29 of these General Provisions. H-GAC has final determination of the adequacy of performance and reporting by Contractor. Termination of this agreement for failure to perform may affect Contractor's ability to participate in future opportunities with H-GAC. The Contractor's failure to timely submit any report may also be considered cause for termination of this Agreement. Any additional reporting requirements shall be set forth in the Special Provisions of this Agreement.

ARTICLE 14: INSURANCE

Contractor shall maintain insurance coverage for work performed or services rendered under this Agreement as outlined and defined in the attached Special Provisions.

ARTICLE 15: SUBCONTRACTS AND ASSIGNMENTS

Except as may be set forth in the Special Provisions, the Contractor agrees not to assign, transfer, convey, sublet or otherwise dispose of this Agreement or any right, title, obligation or interest it may have therein to any third party without prior written approval of H-GAC. The Contractor acknowledges that H-GAC is not liable to any subcontractor or assignee of the Contractor. The Contractor shall ensure that the performance rendered under all

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subcontracts shall result in compliance with all the terms and provisions of this Agreement as if the performance rendered was rendered by the Contractor. Contractor shall give all required notices, and comply with all laws and regulations applicable to furnishing and performance of the work. Except where otherwise expressly required by applicable law or regulation, H-GAC shall not be responsible for monitoring Contractor's compliance, or that of Contractor's subcontractors, with any laws or regulations.

ARTICLE 16: AUDIT

Notwithstanding any other audit requirement, H-GAC reserves the right to conduct or cause to be conducted an independent audit of any transaction under this Agreement, such audit may be performed by the H-GAC local government audit staff, a certified public accountant firm, or other auditors designated by H-GAC and will be conducted in accordance with applicable professional standards and practices. The Contractor understands and agrees that the Contractor shall be liable to the H-GAC for any findings that result in monetary obligations to H-GAC.

ARTICLE 17: TAX EXEMPT STATUS

H-GAC and Customer members are either units of government or qualified non-profit agencies, and are generally exempt from Federal and State sales, excise or use taxes. Respondent must not include taxes in its Response. It is the responsibility of Contractor to determine the applicability of any taxes to an order and act accordingly. Exemption certificates will be provided upon request.

ARTICLE 18: EXAMINATION OF RECORDS

The Contractor shall maintain during the course of the work complete and accurate records of all of the Contractor's costs and documentation of items which are chargeable to H-GAC under this Agreement. H-GAC, through its staff or designated public accounting firm, the State of Texas, and United States Government, shall have the right at any reasonable time to inspect, copy and audit those records on or off the premises by authorized representatives of its own or any public accounting firm selected by H-GAC. The right of access to records is not limited to the required retention period, but shall last as long as the records are retained. Failure to provide access to records may be cause for termination of the Agreement. The records to be thus maintained and retained by the Contractor shall include (without limitation): (1) personnel and payroll records, including social security numbers and labor classifications, accounting for total time distribution of the Contractor's employees working full or part time on the work, as well as cancelled payroll checks, signed receipts for payroll payments in cash, or other evidence of disbursement of payroll payments; (2) invoices for purchases, receiving and issuing documents, and all other unit inventory records for the Contractor's stocks or capital items; and (3) paid invoices and cancelled checks for materials purchased and for subcontractors' and any other third parties' charges.

Contractor agrees that H-GAC will have the right, with reasonable notice, to inspect its records pertaining to purchase orders processed and the accuracy of the fees payable to H-GAC. The Contractor further agrees that the examination of records outlined in this article shall be included in all subcontractor or third-party agreements.

ARTICLE 19: RETENTION OF RECORDS

The Contractor and its subcontractors shall maintain all records pertinent to this Agreement, and all other financial, statistical, property, participant records, and supporting documentation for a period of no less than seven (7) years from the later of the date of acceptance of the final payment or until all audit findings have been resolved. If any litigation, claim, negotiation, audit or other action involving the records has been started before the expiration of the retention period, the records shall be retained until completion of the action and resolution of all issues which arise from it, or until the end of the seven (7) years, whichever is later, and until any outstanding litigation, audit, or claim has been fully resolved.

ARTICLE 20: DISTRIBUTORS, VENDORS, RESELLERS

Contractor agrees and acknowledges that any such designations of distributors, vendors, resellers or the like are for the convenience of the Contractor only and the awarded Contractor will remain responsible and liable for all

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obligations under the Contract and the performance of any designated distributor, vendor, reseller, etc. Contractor is also responsible for receiving and processing any Customer purchase order in accordance with the Contract and forwarding of the Purchase Order to the designated distributor, vendor, reseller, etc. to complete the sale or service. H-GAC reserves the right to reject any entity acting on the Contractor's behalf or refuse to add entities after a contract is awarded.

ARTICLE 21: CHANGE ORDERS AND AMENDMENTS

A. Any alterations, additions, or deletions to the terms of this Agreement, which are required by changes in federal or state law or by regulations, are automatically incorporated without written amendment hereto, and shall become effective on the date designated by such law or by regulation.

B. To ensure the legal and effective performance of this Agreement, both parties agree that any amendment that affects the performance under this Agreement must be mutually agreed upon and that all such amendments must be in writing. After a period of no less than 30 days subsequent to written notice, unless sooner implementation is required by law, such amendments shall have the effect of qualifying the terms of this Agreement and shall be binding upon the parties as if written herein.

C. Customers have the right to issue a change order to any purchase orders issued to the Contractor for the purposes of clarification or inclusion of additional specifications, qualifications, conditions, etc. The change order must be in writing and agreed upon by Contractor and the Customer agency prior to issuance of any Change Order. A copy of the Change Order must be provided by the Contractor to, and acknowledged by, H-GAC.

ARTICLE 22: CONTRACT ITEM CHANGES

A. If a manufacturer discontinues a contracted item, that item will automatically be considered deleted from the contract with no penalty to Contractor. However, H-GAC may at its sole discretion elect to make a contract award to the next lowest Respondent for the item, or take any other action deemed by H-GAC, at its sole discretion, to be in the best interests of its Customers.

B. If a manufacturer makes any kind of change in a contracted item which affects the contract price, Contractor must advise H-GAC of the details. H-GAC may allow or reject the change at its sole discretion. If the change is rejected, H-GAC will remove the item from its program and there will be no penalty to Contractor. However, H-GAC may at its sole discretion elect to make a contract award to the next lowest Respondent for the item, or take any other action deemed by H-GAC, at its sole discretion, to be in the best interests of its Customers.

C. If a manufacturer makes any change in a contracted item which does not affect the contract price, Contractor shall advise H-GAC of the details. If the 'new' item is equal to or better than the originally contracted item, the 'new' item shall be approved as a replacement. If the change is rejected H-GAC will remove the item from its program and there will be no penalty to Contractor. However, H-GAC may at its sole discretion elect to make a contract award to the next lowest Respondent for the item or may take any other action deemed by H-GAC at its sole discretion, to be in the best interests of its Customers.

D. In the case of specifically identified catalogs or price sheets which have been contracted as base bid items or as published options, routine published changes to products and pricing will be automatically incorporated into the contract. However, Contractor must still provide thirty (30) calendar days written notice and an explanation of the changes to products and pricing. H-GAC will respond with written approval.

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ARTICLE 23: CONTRACT PRICE ADJUSTMENTS

Price Decreases
If Contractor's Direct Cost decreases at any time during the full term of this award, Contractor must immediately pass the decrease on to H-GAC and lower its prices by the amount of the decrease in Direct Cost. (Direct Cost means Contractor's cost from the manufacturer of any item or if Contractor is the manufacturer, the cost of raw materials required to manufacture the item, plus costs of transportation from manufacturer to Contractor and Contractor to H-GAC. Contractor must notify H-GAC of price decreases in the same way as for price increases set out below. The price decrease shall become effective upon H-GAC's receipt of Contractor's notice. If Contractor routinely offers discounted contract pricing, H-GAC may request Contractor accept amended contract pricing equivalent to the routinely discounted pricing

Price Increases
Contractors may request a price increase after twelve (12) months from the bid opening date of the bid received by H-GAC. The amount of any increase will not exceed actual documented increase in Contractor's Direct Cost and will not exceed 10% of the previous bid price. Considerations on the percentage limit will be given if the price increase is the result of increased tariff charges, or other economic factors.

Price Changes
Any permanent increase or decrease in offered pricing for a base contract item or published option is considered a price change. Temporary increases in pricing by whatever name (e.g. 'surcharge', 'adjustment', 'equalization charge', 'compliance charge', 'recovery charge', etc.), are also considered to be price changes. For published catalogs and price sheets as part of an H-GAC contract, requests to amend the contract to reflect any new published catalog or price sheet must be submitted whenever the manufacturer publishes a new document. The request must include the new catalog or price sheet.

All Products shall, at time of sale, be equipped as required under any then current applicable local, state, and federal government requirements. If, during the course of any contract, changes are made to any government requirements which cause a manufacturer's costs of production to increase, Contractor may increase pricing to the extent of Contractor's actual cost increase. The increase must be substantiated with support documentation acceptable to H-GAC prior to taking effect. Modifications to a Product required to comply with such requirements which become effective after the date of any sale are the responsibility of the Customer.

Requesting Price Increase/Required Documentation
Contractor must submit a written notification at least thirty (30) calendar days prior to the requested effective date of the change, setting the amount of the increase, along with an itemized list of any increased prices, showing the Contractor's current price, revised price, the actual dollar difference and the percentage of the price increase by line item. Price change requests must include H-GAC Forms D Offered Item Pricing and E Options Pricing, or the documentation used to submit pricing in the original Response and be supported with substantive documentation (e.g. manufacturer's price increase notices, copies of invoices from suppliers, etc.) clearly showing that Contractor's actual costs have increased per the applicable line item bid. The Producer Price Index (PPI) may be used as partial justification, subject to approval by H-GAC, but no price increase based solely on an increase in the PPI will be allowed. This documentation should be submitted in Excel format to facilitate analysis and updating of the website. The letter and documentation must be sent to the Bids and Specifications manager, William Burton, at William.Burton@h-gac.com

Review/Approval of Requests
If H-GAC approves the price increase, Contractor will be notified in writing; no price increase will be effective until Contractor receives this notice. If H-GAC does not approve Contractor's price increase, Contractor may terminate its performance upon sixty (60) days advance written notice to H-GAC, however Contractor must fulfill

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any outstanding Purchase Orders. Termination of performance is Contractor's only remedy if H-GAC does not approve the price increase. H-GAC reserves the right to accept or reject any price change request.

ARTICLE 24: DELIVERIES AND SHIPPING TERMS

The Contractor agrees to make deliveries only upon receipt of authorized Customer Purchase Order acknowledged by H-GAC. Delivery made without such Purchase Order will be at Contractor's risk and will leave H-GAC the option of canceling any contract awarded to the Contractor. The Contractor must secure and deliver any item within five (5) working days, or as agreed to on any corresponding customer Purchase Order.

Shipping must be Freight On Board Destination to the delivery location designated on the Customer purchase order. The Contractor will retain title and control of all goods until delivery is completed and the Customer has accepted the delivery. All risk of transportation and all related charges are the responsibility of the Contractor. The Customer will notify the Contractor and H-GAC promptly of any damaged goods and will assist the Contractor in arranging for inspection. The Contractor must file all claims for visible or concealed damage. Unless otherwise stated in the Agreement, deliveries must consist only of new and unused merchandise.

ARTICLE 25: RESTOCKING (EXCHANGES AND RETURNS)

There will be no restocking charge to the Customer for return or exchange of any item purchased under the terms of any award. If the Customer wishes to return items purchased under an awarded contract, the Contractor agrees to exchange, these items for other items, with no additional charge incurred. Items must be returned to Contractor within thirty (30) days from date of delivery. If there is a difference in price in the items exchanged, the Contractor must notify H-GAC and invoice Customer for increase price or provide the Customer with a credit or refund for any decrease in price per Customer's preference. On items returned, a credit or cash refund will be issued by the Contractor to Customer. This return and exchange option will extend for thirty (30) days following the expiration of the term of the Contract. All items returned by the Customer must be unused and in the same merchantable condition as when received. Items that are special ordered may be returned only upon approval of the Contractor.

ARTICLE 26: MANUALS

Each product delivered under contract to any Customer must be delivered with at least one (1) copy of a safety and operating manual and any other technical or maintenance manual. The cost of the manual(s) must be included in the price for the Product offered.

ARTICLE 27: OUT OF STOCK, PRODUCT RECALLS, AND DISCONTINUED PRODUCTS

H-GAC does NOT purchase the products sold pursuant to a Solicitation or Agreement. Contractor is responsible for ensuring that notices and mailings, such as Out of Stock or Discontinued Notices, Safety Alerts, Safety Recall Notices, and customer surveys, are sent directly to the Customer with a copy sent to H-GAC. Customer will have the option of accepting any equivalent product or canceling the item from Customer's Purchase Order. Contractor is not authorized to make substitutions without prior approval.

ARTICLE 28: WARRANTIES, SALES, AND SERVICE

Warranties must be the manufacturer's standard and inclusive of any other warranty requirements stated in the Agreement; any warranties offered by a dealer will be in addition to the manufacturer's standard warranty and will not be a substitute for such. Pricing for any product must be inclusive of the standard warranty.

Contractor is responsible for the execution and effectiveness of all product warranty requests and any claims, Contractor agrees to respond directly to correct warranty claims and to ensure reconciliation of warranty claims that have been assigned to a third party.

ARTICLE 29: TERMINATION PROCEDURES

The Contractor acknowledges that this Agreement may be terminated for Convenience or Default.

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H-GAC will not pay for any expenses incurred after the termination date of the contract.

A. *Convenience*
H-GAC may terminate this Agreement at any time, in whole or in part, with or without cause, whenever H-GAC determines that for any reason such termination is in the best interest of H-GAC, by providing written notice by certified mail to the Contractor. Upon receipt of notice of termination, all services hereunder of the Contractor and its employees and subcontractors shall cease to the extent specified in the notice of termination.

The Contractor may cancel or terminate this Agreement upon submission of thirty (30) days written notice, presented to H-GAC via certified mail. The Contractor may not give notice of cancellation after it has received notice of default from H-GAC.

B. *Default*
H-GAC may, by written notice of default to the Contractor, terminate the whole or any part of the Agreement, in any one of the following circumstances:
(1) If the Contractor fails to perform the services herein specified within the time specified herein or any extension thereof; or
(2) If the Contractor fails to perform any of the other provisions of this Agreement for any reason whatsoever, or so fails to make progress or otherwise violates the Agreements that completion of services herein specified within the Agreement term is significantly endangered, and in either of these two instances does not cure such failure within a period often (10) days (or such longer period of time as may be authorized by H-GAC in writing) after receiving written notice by certified mail of default from H-GAC.
(3) In the event of such termination, Contractor will notify H-GAC of any outstanding Purchase Orders and H-GAC will consult with the End User and notify the Contractor to what extent the End User wishes the Contractor to complete the Purchase Order. If Contractor is unable to do so, Contractor may be subject to a claim for damages from H-GAC and/or the End User.

ARTICLE 30: SEVERABILITY
H-GAC and Contractor agree that should any provision of this Agreement be determined to be invalid or unenforceable, such determination shall not affect any other term of this Agreement, which shall continue in full force and effect.

ARTICLE 31: FORCE MAJEURE
To the extent that either party to this Agreement shall be wholly or partially prevented from the performance of any obligation or duty placed on such party by reason of or through strikes, stoppage of labor, riot, fire, flood, acts of war, insurrection, accident, order of any court, act of God, or specific cause reasonably beyond the party's control and not attributable to its neglect or nonfeasance, in such event, the time for the performance of such obligation or duty shall be suspended until such disability to perform is removed. Determination of force majeure shall rest solely with H-GAC.

ARTICLE 32: CONFLICT OF INTEREST
No officer, member or employee of the Contractor or subcontractor, no member of the governing body of the Contractor, and no other public officials of the Contractor who exercise any functions or responsibilities in the review or Contractor approval of this Agreement, shall participate in any decision relating to this Agreement which affects his or her personal interest, or shall have any personal or pecuniary interest, direct or indirect, in this Agreement.

A. **Conflict of Interest Questionnaire:** Chapter 176 of the Texas Local Government Code requires contractors contracting or seeking to contract with H-GAC to file a conflict of interest questionnaire (CIQ)

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if they have an employment or other business relationship with an H-GAC officer or an officer's close family member. The required questionnaire and instructions are located on the H-GAC website or at the Texas Ethics Commission website https://www.ethics.state.tx.us/forms/CIQ.pdf. H-GAC officers include its Board of Directors and Executive Director, who are listed on this website. Respondent must complete and file a CIQ with the Texas Ethics Commission if an employment or business relationship with H-GAC office or an officer's close family member as defined in the law exists.

B. **Certificate of Interested Parties Form – Form 1295:** As required by Section 2252.908 of the Texas Government Code. H-GAC will not enter a Contract with Contractor unless (i) the Contractor submits a disclosure of interested parties form to H-GAC at the time the Contractor submits the contract H-GAC, or (ii) the Contractor is exempt from such requirement. The required form and instructions are located at the Texas Ethics Commission website https://www.ethics.state.tx.us/whatsnew/elf_info_form1295.htm. Respondents who are awarded a Contract must submit their Form 1295 with the signed Contract to H-GAC.

ARTICLE 33: FEDERAL COMPLIANCE

Contractor agrees to comply with all federal statutes relating to nondiscrimination, labor standards, and environmental compliance. With regards to "Rights to Inventions Made Under a Contract or Agreement," If the Federal award meets the definition of "funding agreement" under 37 CFR § 401.2 (a) and the recipient or subrecipient wishes to enter into a contract with a small business firm or nonprofit organization regarding the substitution of parties, assignment or performance of experimental, developmental, or research work under that "funding agreement," the recipient or subrecipient must comply with the requirements of 37 CFR Part 401, "Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements," and any implementing regulations issued by the awarding agency. Contractor agrees to be wholly compliant with the provisions of 2 CFR 200, Appendix II. Additionally, for work to be performed under the Agreement or subcontract thereof, including procurement of materials or leases of equipment, Contractor shall notify each potential subcontractor or supplier of the Contractor's federal compliance obligations. These may include, but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§ 1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) the Fair Labor Standards Act of 1938 (29 USC 676 et. seq.), (d) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. § 794), which prohibits discrimination on the basis of handicaps and the Americans with Disabilities Act of 1990; (e) the Age Discrimination in Employment Act of 1967 (29 USC 621 et. seq.) and the Age Discrimination Act of 1974, as amended (42 U.S.C. §§ 6101-6107), which prohibits discrimination on the basis of age; (f) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (g) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to the nondiscrimination on the basis of alcohol abuse or alcoholism; (h) §§ 523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. 290 dd-3 and 290 ee-3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (i) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. § 3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (j) any other nondiscrimination provisions in any specific statute(s) applicable to any Federal funding for this Agreement; (k) the requirements of any other nondiscrimination statute(s) which may apply to this Agreement; (l) applicable provisions of the Clean Air Act (42 U.S.C. §7401 et seq.), the Federal Water Pollution Control Act, as amended (33 U.S.C. §1251 et seq.), Section 508 of the Clean Water Act (33 U.S.C. 1368), Executive Order 11738, and the Environmental Protection Agency regulations at 40 CPR Part 15; (m) applicable provisions of the Davis- Bacon Act (40 U.S.C. 276a - 276a-7), the Copeland Act (40 U.S.C. 276c), and the Contract Work Hours and Safety Standards Act (40 U.S.C. 327-332), as set forth in Department of Labor Regulations at 20 CPR 5.5a; (n) the mandatory standards and policies relating to energy efficiency which are contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act (P.L. 94-163).

ARTICLE 34: CRIMINAL PROVISIONS AND SANCTIONS

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The Contractor agrees to perform the Agreement in conformance with safeguards against fraud and abuse as set forth by the H-GAC, the State of Texas, and the acts and regulations of any related state or federal agency. The Contractor agrees to promptly notify H-GAC of any actual or suspected fraud, abuse, or other criminal activity through the filing of a written report within twenty-four (24) hours of knowledge thereof. Contractor shall notify H-GAC of any accident or incident requiring medical attention arising from its activities under this Agreement within twenty-four (24) hours of such occurrence. Theft or willful damage to property on loan to the Contractor from H-GAC, if any, shall be reported to local law enforcement agencies and H-GAC within two (2) hours of discovery of any such act.

The Contractor further agrees to cooperate fully with H-GAC, local law enforcement agencies, the State of Texas, the Federal Bureau of Investigation and any other duly authorized investigative unit, in carrying out a full investigation of all such incidents.

The Contractor shall notify H-GAC of the threat of lawsuit or of any actual suit filed against the Contractor pertaining to this Agreement or which would adversely affect the Contractor's ability to perform services under this Agreement.

ARTICLE 35: INDEMNIFICATION AND RECOVERY

H-GAC's liability under this Agreement, whether for breach of contract, warranty, negligence, strict liability, in tort or otherwise, is limited to its order processing charge. In no event will H-GAC be liable for any loss of use, loss of time, inconvenience, commercial loss, lost profits or savings or other incidental, special or consequential damages to the full extent such use may be disclaimed by law. Contractor agrees, to the extent permitted by law, to defend and hold harmless H-GAC, its board members, officers, agents, officials, employees and indemnities from any and all claims, costs, expenses (including reasonable attorney fees), actions, causes of action, judgements, and liens arising as a result of Contractor's negligent act or omission under this Agreement. Contractor shall notify H-GAC of the threat of lawsuit or of any actual suit filed against Contractor relating to this Agreement.

ARTICLE 36: LIMITATION OF CONTRACTOR'S LIABILITY

Except as specified in any separate writing between the Contractor and an END USER, Contractor's total liability under this Agreement, whether for breach of contract, warranty, negligence, strict liability, in tort or otherwise, but excluding its obligation to indemnify H-GAC, is limited to the price of the particular products/services sold hereunder, and Contractor agrees either to refund the purchase price or to repair or replace product(s) that are not as warranted. In no event will Contractor be liable for any loss of use, loss of time, inconvenience, commercial loss, loss of profits or savings or other incidental, special or consequential damages to the full extent such use may be disclaimed by law. Contractor understands and agrees that it shall be liable to repay and shall repay upon demand to END USER any amounts determined by H-GAC, its independent auditors, or any agency of State or Federal government to have been paid in violation of the terms of this Agreement.

ARTICLE 37: TITLES NOT RESTRICTIVE

The titles assigned to the various Articles of this Agreement are for convenience only. Titles shall not be considered restrictive of the subject matter of any Article, or part of this Agreement.

ARTICLE 38: JOINT WORK PRODUCT

This Agreement is the joint work product of H-GAC and the Contractor. This Agreement has been negotiated by H-GAC and the Contractor and their respective counsel and shall be fairly interpreted in accordance with its terms and, in the event of any ambiguities, no inferences shall be drawn against any party.

ARTICLE 39: PROCUREMENT OF RECOVERED MATERIAL

H-GAC and the Respondent must comply with section 6002 of the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act. The requirements of Section 6002 include: (1) procuring only items

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designated in guidelines of the Environmental Protection Agency (EPA) at 40 CFR part 247 that contain the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition, where the purchase price of the item exceeds $10,000 or the value of the quantity acquired during the preceding fiscal year exceeded $10,000; (2) procuring solid waste management services in a manner that maximizes energy and resource recovery; and (3) establishing an affirmative procurement program for procurement of recovered materials identified in the EPA guidelines. Pursuant to the Federal Rule above, as required by the Resource Conservation and Recovery Act of 1976 (42 U.S.C. § 6962(c)(3)(A)(i)), Respondent certifies that the percentage of recovered materials content for EPA-designated items to be delivered or used in the performance of the Contract will be at least the amount required by the applicable contract specifications or other contractual requirements.

ARTICLE 40: COPELAND "ANTI-KICKBACK" ACT

Contractor shall comply with 18 U.S.C. § 874, 40 U.S.C. § 3145, and the requirements of 29 C.F.R. pt. 3 as may be applicable, which are incorporated by reference into the contract. The contractor or subcontractor shall insert in any subcontracts the clause above and such other clauses as appropriate agency instructions require, and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all of these contract clauses. A breach of the contract clauses above may be grounds for termination of the Contract, and for debarment as a contractor and subcontractor as provided in 29 C.F.R. § 5.12.

ARTICLE 41: DISCRIMINATION

Respondent and any potential subcontractors shall comply with all Federal statutes relating to nondiscrimination. These include, but are not limited to:

a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352), which prohibits discrimination on the basis of race, color, or national origin;
b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex;
c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of handicaps;
d) The Age Discrimination Act of 1975, as amended (42 U.S.C. §§6101- 6107), which prohibits discrimination on the basis of age;
e) The Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse;
f) The Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism;
g) Sections 523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee-3), as amended, relating to confidentiality of alcohol and drug abuse patient records;
h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §§3601 et seq.), as amended, relating to nondiscrimination in the sale, rental, or financing of housing;
i) Any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and
j) The requirements of any other nondiscrimination statute(s) that may apply to the application.

ARTICLE 42: DRUG FREE WORKPLACE

Contractor must provide a drug-free workplace in accordance with the Drug-Free Workplace Act, as applicable. For the purposes of this Section, "drug-free" means a worksite at which employees are prohibited from engaging in the unlawful manufacture, distribution, dispensation, possession, or use of a controlled substance. H-GAC may request a copy of this policy.

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ARTICLE 43: APPLICABILITY TO SUBCONTRACTORS

Respondent agrees that all contracts it awards pursuant to the contract awarded as a result of this Agreement will be bound by the foregoing terms and conditions.

ARTICLE 44: WARRANTY AND COPYRIGHT

Submissions must include all warranty information, including items covered, items excluded, duration, and renewability. Submissions must include proof of licensing if using third party code for programming.

ARTICLE 45: DATA HANDLING AND SECURITY

It will always be the responsibility of the selected Contractor to manage data transfer and to secure all data appropriately during the project to prevent unauthorized access to all data, products, and deliverables.

ARTICLE 46: DISPUTES

All disputes concerning questions of fact or of law arising under this Agreement, which are not addressed within the Whole Agreement as defined pursuant to Article 4 hereof, shall be decided by the Executive Director of H-GAC or his designee, who shall reduce his decision to writing and provide notice thereof to the Contractor. The decision of the Executive Director or his designee shall be final and conclusive unless, within thirty (30) days from the date of receipt of such notice, the Contractor requests a rehearing from the Executive Director of H-GAC. In connection with any rehearing under this Article, the Contractor shall be afforded an opportunity to be heard and offer evidence in support of its position. The decision of the Executive Director after any such rehearing shall be final and conclusive. The Contractor may, if it elects to do so, appeal the final and conclusive decision of the Executive Director to a court of competent jurisdiction. Pending final decision of a dispute hereunder, the Contractor shall proceed diligently with the performance of the Agreement and in accordance with H- GAC's final decision.

ARTICLE 47: CHOICE OF LAW: VENUE

This Agreement shall be governed by the laws of the State of Texas. Venue and jurisdiction of any suit or cause of action arising under or in connection with the Agreement shall lie exclusively in Harris County, Texas. Disputes between END USER and Contractor are to be resolved in accordance with the law and venue rules of the state of purchase. Contractor shall immediately notify H-GAC of such disputes.

ARTICLE 48: ORDER OF PRIORITY

In the case of any conflict between or within this Agreement, the following order of priority shall be utilized: 1) General Provisions, 2) Special Provisions, 3) Scope of Work, and, 4) Other Attachments.

ARTICLE 49: WHOLE AGREEMENT

The General Provisions, Special Provisions, and Attachments, as provided herein, constitute the complete Agreement ("Agreement") between the parties hereto, and supersede any and all oral and written agreements between the parties relating to matters herein. Except as otherwise provided herein, this Agreement cannot be modified without written consent of the parties.

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SIGNATURES:
H-GAC and the Contractor have read, agreed, and executed the whole Agreement as of the date first written above, as accepted by:

Consolidated Traffic Controls, Inc.		**H-GAC**	
Signature	DocuSigned by: Bryan Jones 4CFC215BBD244A0...	Signature	DocuSigned by: 82EC270D5D61423...
Name	Bryan Jones	Name	Chuck Wemple
Title	Senior Vice President	Title	Executive Director
Date	5/25/2021	Date	5/27/2021

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SPECIAL PROVISIONS

Incorporated by attachment, as part of the whole agreement, H-GAC and the Contractor do, hereby agree to the Special Provisions as follows:

ARTICLE 1: BIDS/PROPOSALS INCORPORATED

In addition to the whole Agreement, the following documents listed in order of priority are incorporated into the Agreement by reference: Bid/Proposal Specifications and Contractor's Response to the Bid/Proposal.

ARTICLE 2: END USER AGREEMENTS ("EUA")

H-GAC acknowledges that the END USER may choose to enter into an End User Agreement ("EUA) with the Contractor through this Agreement, and that the term of the EUA may exceed the term of the current H-GAC Agreement. H-GAC's acknowledgement is not an endorsement or approval of the End User Agreement's terms and conditions. Contractor agrees not to offer, agree to or accept from the END USER, any terms or conditions that conflict with those in Contractor's Agreement with H-GAC. Contractor affirms that termination of its Agreement with H-GAC for any reason shall not result in the termination of any underlying EUA, which shall in each instance, continue pursuant to the EUA's stated terms and duration. Pursuant to the terms of this Agreement, termination of this Agreement will disallow the Contractor from entering into any new EUA with END USERS. Applicable H-GAC order processing charges will be due and payable to H-GAC on any EUAs, surviving termination of this Agreement between H-GAC and Contractor.

ARTICLE 3: MOST FAVORED CUSTOMER CLAUSE

Contractor shall provide its most favorable pricing and terms to H-GAC. If at any time during this Agreement, Contractor develops a regularly followed standard procedure of entering into agreements with other governmental customers within the State of Texas, and offers the same or substantially the same products/services offered to H-GAC on a basis that provides prices, warranties, benefits, and or terms more favorable than those provided to H-GAC, Contractor shall notify H-GAC within ten (10) business days thereafter, and this Agreement shall be deemed to be automatically retroactively amended, to the effective date of Contractor's most favorable past agreement with another entity. Contractor shall provide the same prices, warranties, benefits, or terms to H-GAC and its END USER as provided in its most favorable past agreement. H-GAC shall have the right and option at any time to decline to accept any such change, in which case the amendment shall be deemed null and void. If Contractor claims that a more favorable price, warranty, benefit, or term that was charged or offered to another entity during the term of this Agreement, does not constitute more favorable treatment, than Contractor shall, within ten (10) business days, notify H-GAC in writing, setting forth the detailed reasons Contractor believes the aforesaid offer is not in fact most favored treatment. H-GAC, after due consideration of Contractor's written explanation, may decline to accept such explanation and thereupon this Agreement between H-GAC and Contractor shall be automatically amended, effective retroactively, to the effective date of the most favored agreement, to provide the same prices, warranties, benefits, or terms to H-GAC and the END USER.

EXCEPTION: This clause shall not be applicable to prices and price adjustments offered by a bidder, proposer or contractor, which are not within bidder's/proposer's control [example; a manufacturer's bid concession], or to any prices offered to the Federal Government and its agencies.

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ARTICLE 4: PARTY LIABILITY

Contractor's total liability under this Agreement, whether for breach of contract, warranty, negligence, strict liability, in tort or otherwise, is limited to the price of the particular products/services sold hereunder. Contractor agrees either to refund the purchase price or to repair or replace product(s) that are not as warranted. Contractor accepts liability to repay, and shall repay upon demand to END USER, any amounts determined by H-GAC, its independent auditors, or any state or federal agency, to have been paid in violation of the terms of this Agreement.

ARTICLE 5: GOVERNING LAW & VENUE

Contractor and H-GAC agree that Contractor will make every reasonable effort to resolve disputes with the END USER in accord with the law and venue rules of the state of purchase. Contractor shall immediately notify H-GAC of such disputes.

ARTICLE 6: SALES AND ORDER PROCESSING CHARGE

Contractor shall sell its products to END USERS based on the pricing and terms of this Agreement. H-GAC will invoice Contractor for the applicable order processing charge when H-GAC receives notification of an END USER order. Contractor shall remit to H-GAC the full amount of the applicable order processing charge, after delivery of any product or service and subsequent END USER acceptance. Payment of the Order Processing Charge shall be remitted from Contractor to H-GAC, within thirty (30) calendar days or ten (10) business days after receipt of an END USER's payment, whichever comes first, notwithstanding Contractor's receipt of invoice. For sales made by Contractor based on this Agreement, including sales to entities without Interlocal Agreements, Contractor shall pay the applicable order processing charges to H-GAC. Further, Contractor agrees to encourage entities who are not members of H-GAC's Cooperative Purchasing Program to execute an H-GAC Interlocal Agreement. H-GAC reserves the right to take appropriate actions including, but not limited to, Agreement termination if Contractor fails to promptly remit the appropriate order processing charge to H-GAC. In no event shall H-GAC have any liability to Contractor for any goods or services an END USER procures from Contractor. At all times, Contractor shall remain liable to pay to H-GAC any order processing charges on any portion of the Agreement actually performed, and for which compensation was received by Contractor.

ARTICLE 7: LIQUIDATED DAMAGES

Contractor and H-GAC agree that Contractor shall cooperate with the END USER at the time an END USER purchase order is placed, to determine terms for any liquidated damages.

ARTICLE 8: INSURANCE

Unless otherwise stipulated in Section B of the Bid/Proposal Specifications, Contractor must have the following insurance and coverage minimums:

a. General liability insurance with a Single Occurrence limit of at least $1,000,000.00, and a General Aggregate limit of at least two times the Single Occurrence limit.
b. Product liability insurance with a Single Occurrence limit of at least $1,000,000.00, and a General Aggregate limit of at least two times the Single Occurrence limit for all Products except Automotive Fire Apparatus. For Automotive Fire Apparatus, see Section B of the Bid/Proposal Specifications.
c. Property Damage or Destruction insurance is required for coverage of End User owned equipment while in Contractor's possession, custody or control. The minimum Single Occurrence limit is $500,000.00 and the General Aggregate limit must be at least two times the Single Occurrence limit. This insurance may be carried in several ways, e.g. under an Inland Marine policy, as art of Automobile coverage, or under a Garage Keepers policy. In any event, this coverage must be specifically and clearly listed on insurance certificate(s) submitted to H-GAC.

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d. Insurance coverage shall be in effect for the length of any contract made pursuant to the Bid/Proposal, and for any extensions thereof, plus the number of days/months required to deliver any outstanding order after the close of the contract period.
e. Original Insurance Certificates must be furnished to H-GAC on request, showing Contractor as the insured and showing coverage and limits for the insurances listed above.
f. If any Product(s) or Service(s) will be provided by parties other than Contractor, all such parties are required to carry the minimum insurance coverages specified herein, and if requested by H-GAC, a separate insurance certificate must be submitted for each such party.
g. H-GAC reserves the right to contact insurance underwriters to confirm policy and certificate issuance and document accuracy.

ARTICLE 9: PERFORMANCE AND PAYMENT BONDS FOR INDIVIDUAL ORDERS

H-GAC's contractual requirements DO NOT include a Performance & Payment Bond (PPB); therefore, Contractor shall offer pricing that reflects this cost savings. Contractor shall remain prepared to offer a PPB to cover any order if so requested by the END USER. Contractor shall quote a price to END USER for provision of any requested PPB, and agrees to furnish the PPB within ten business (10) days of receipt of END USER's purchase order.

ARTICLE 10: ORDER PROCESSING CHARGE

H-GAC will apply an Order Processing Charge for each sale done through the H-GAC contract, with the exception of orders for motor vehicles. Any pricing submitted must include this charge amount per the most current H-GAC schedule. For motor vehicle orders, the Processing Charge is paid by the Customer.

ARTICLE 11: CHANGE OF STATUS

Contractor shall immediately notify H-GAC, in writing, of ANY change in ownership, control, dealership/franchisee status, Motor Vehicle license status, or name. Contractor shall offer written guidance to advise H-GAC if this Agreement shall be affected in any way by such change. H-GAC shall have the right to determine whether or not such change is acceptable, and to determine what action shall be warranted, up to and including cancellation of Agreement.

ARTICLE 11: REQUIREMENTS TO APPLICABLE PHYSICAL GOODS

In the case of physical goods (e.g. equipment, material, supplies, as opposed to services), all Products offered must comply with any applicable provisions of the Texas Business and Commerce Code, Title 1, Chapter 2 and with at least the following:

a. Be new, unused, and not refurbished.
b. Not be a prototype as the general design, operation and performance. This requirement is NOT meant to preclude the Contractor from offering new models or configurations which incorporate improvements in a current design or add functionality, but in which new model or configuration may be new to the marketplace.
c. Include all accessories which may or may not be specifically mentioned in the Agreement, but which are normally furnished or necessary to make the Product ready for its intended use upon delivery. Such accessories shall be assembled, installed and adjusted to allow continuous operation of Product at time of delivery.
d. Have assemblies, sub-assemblies and component parts that are standard and interchangeable throughout the entire quantity of a Product as may be purchased simultaneously by any Customer.
e. Be designed and constructed using current industry accepted engineering and safety practices, and materials.
f. Be available for inspection at any time prior to or after procurement.

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ARTICLE 12: TEXAS MOTOR VEHICLE BOARD LICENSING

All that deal in motor vehicles shall maintain current licenses that are required by the Texas Motor Vehicle Commission Code. If at any time during this Agreement term, any required Contractor license is denied, revoked, or not renewed, Contractor shall be in default of this Agreement, unless the Texas Motor Vehicle Board issues a stay or waiver. Contractor shall promptly provide copies of all current applicable Texas Motor Vehicle Board documentation to H-GAC upon request.

ARTICLE 13: INSPECTION/TESTING

All Products sold pursuant to this Agreement will be subject to inspection/testing by or at the direction of H-GAC and/or the ordering Customer, either at the delivery destination or the place of manufacture. In the event a Product fails to meet or exceed all requirements of this Agreement, and unless otherwise agreed in advance, the cost of any inspection and/or testing, will be the responsibility of the Contractor.

ARTICLE 14: ADDITIONAL REPORTING REQUIREMENTS

Contractor agrees to submit written quarterly reports to H-GAC detailing all transactions during the previous three (3) month period. Reports must include, but are not limited, to the following information:

a. Customer Name
b. Product/Service purchased, including Product Code if applicable
c. Customer Purchase Order Number
d. Purchase Order Date
e. Product/Service dollar amount
f. HGACBuy Order Processing Charge amount

ARTICLE 15: BACKGROUND CHECKS

Cooperative customers may request background checks on any awarded contractor's employees who will have direct contact with students, or for any other reason they so choose, any may require contractor to pay the cost of obtaining any background information requested by the Customer.

ARTICLE 16: PROHIBITION ON CONTRACTS WITH COMPANIES BOYCOTTING ISRAEL CERTIFICATION

As required by Chapter 2271 of the Texas Local Government Code the Contractor must verify that it 1) does not boycott Israel; and 2) will not boycott Israel during the term of the Contract. Pursuant to Section 2271.001, Texas Government Code:

1. "Boycott Israel" means refusing to deal with, terminating business activities with, or otherwise taking any action that is intended to penalize, inflict economic harm on, or limit commercial relations specifically with Israel, or with a person or entity doing business in Israel or in an Israeli-controlled territory, but does not include an action made for ordinary business purposes; and

2. "Company" means a for-profit sole proprietorship, organization, association, corporation, partnership, joint venture, limited partnership, limited liability partnership, or any limited liability company, including a wholly owned subsidiary, majority-owned subsidiary, parent company or affiliate of those entities or business associations that exist to make a profit.

ARTICLE 17: NO EXCLUDED NATION OR TERRORIST ORGANIZATION CERTIFICATION

As required by Chapter 2252 of the Texas Government Code the Contractor must certify that it is not a company engaged in active business operations with Sudan, Iran, or a foreign terrorist organization – specifically, any company identified on a list prepared and maintained by the Texas Comptroller under Texas Government Code §§806.051, 807.051, or 2252.153. (A company that the U.S. Government affirmatively declares to be excluded from its federal sanctions regime relating to Sudan, Iran, or any federal sanctions regime relating to a foreign terrorist organization is not subject to the contract prohibition.)

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ARTICLE 18: PROHIBITION ON CONTRACTING WITH ENTITIES USING CERTAIN TELECOMMUNICATIONS AND VIDEO SURVEILLANCE EQUIPMENT (Effective Aug. 13, 2020 and as amended October 26, 2020)

Pursuant to 2 CFR 200.216, Contractor shall not offer equipment, services, or system that use covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system. ‘‘Covered telecommunications equipment or services means 1) telecommunications equipment produced by Huawei Technologies Company or ZTE Corporation (or any subsidiary or affiliate of such entities); 2) for the purpose of public safety, security of government facilities, physical security surveillance of critical infrastructure, and other national security purposes, video surveillance and telecommunications equipment produced by Hytera Communications Corporation, Hangzhou Hikvision Digital Technology Company, or Dahua Technology Company (or any subsidiary or affiliate of such entities); 3) telecommunications or video surveillance services provided by such entities or using such equipment; or 4) telecommunications or video surveillance equipment or services produced or provided by an entity that the Secretary of Defense, in consultation with the Director of National Intelligence or the Director of the Federal Bureau of Investigation, reasonably believes to be an entity owned or controlled by, or otherwise connected to, the government of a covered foreign country.

Contractor must comply with requirements for certifications. The provision at 48 C.F.R Section 52.204-26 requires that Contractors review SAM prior to completing their required representations. This rule applies to all acquisitions, including acquisitions at or below the simplified acquisition threshold and to acquisitions of commercial items, including commercially available off the-shelf items.

ARTICLE 19: BUY AMERICA ACT (National School Lunch Program and Breakfast Program)

With respect to products purchased by Customers for use in the National School Lunch Program and/or National School Breakfast Program, Contractor shall comply with all federal procurement laws and regulations with respect to such programs, including the Buy American provisions set forth in 7 C.F.R. Part 210.21(d), to the extent applicable. Contractor agrees to provide all certifications required by Customer regarding such programs.

In the event Contractor or Contractor’s supplier(s) are unable or unwilling to certify compliance with the Buy American Provision, or the applicability of an exception to the Buy American provision, H-GAC Customers may decide not to purchase from Contractor. Additionally, H-GAC Customers may require country of origin on all products and invoices submitted for payment by Contractor, and Contractor agrees to comply with any such requirement.

ARTICLE 20: BUY AMERICA REQUIREMENT (Applies only to Federally Funded Highway and Transit Projects)

With respect to products purchased by Customer for use in federally funded highway projects, Contractor shall comply with all federal procurement laws and regulations with respect to such projects, including the Buy American provisions set forth in 23 U.S.C. Section 313, 23 C.F.R. Section 635.410, as amended, and the Steel and Iron Preference provisions of Texas Transportation Code Section 223.045, to the extent applicable. Contractor agrees to provide all certifications required by Customer regarding such programs. With respect to products purchased by Customer for use in federally funded transit projects, Contractor shall comply with all federal procurement laws and regulations with respect to such projects, including the Buy American provisions set forth in 49 U.S.C. Section 5323(j)(1), 49 C.F.R. Sections 661.6 or 661.12, to the extent applicable. Contractor agrees to provide all certifications required by Customer regarding such programs.

ARTICLE 21: DOMESTIC PREFERENCE

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In accordance with 2 CFR 200.322, as appropriate and to the extent consistent with law, a Customer using federal grant award funds should, to the greatest extent practicable, provide a preference for the purchase, acquisition, or use of goods, products, or materials produced in the United States (including but not limited to iron, aluminum, steel, cement, and other manufactured products). The Customer must include this requirement in all subawards including all contracts and purchase orders for work or products under the federal grant award. If Contractor intends to qualify for Purchase Orders using federal grant money, the it shall work with the Customer to provide all required certifications and other documentation needed to show compliance.

ARTICLE 22: TITLE VI REQUIREMENTS

H-GAC in accordance with the provisions of Title VI of the Civil Rights Act of 1964 (78 Stat. 252, 42 U.S.C. §§ 2000d to 2000d-4) and the Regulations, hereby notifies all bidders that it will affirmatively ensure that any disadvantaged business enterprises will be afforded full and fair opportunity to submit in response to this Agreement and will not be discriminated against on the grounds of race, color, or national origin in consideration for an award.

ARTICLE 23: EQUAL EMPLOYMENT OPPORTUNITY

Except as otherwise provided under 41 CFR Part 60, all Contracts and Customer Purchase Orders that meet the definition of "federally assisted construction contract" in 41 CFR Part 60-1.3 shall be deemed to include the equal opportunity clause provided under 41 CFR 60-1.4(b), in accordance with Executive Order 11246, "Equal Employment Opportunity" (30 FR 12319, 12935, 3 CFR Part, 1964-1965 Comp., pg.339), as amended by Executive Order 11375, "Amending Executive Order 11246 Relating to Equal Employment Opportunity," and implementing regulations at 41CFR Part 60, "Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor."

The equal opportunity clause provided under 41 CFR 60-1.4(b) is hereby incorporated by reference. Contractor agrees that such provision applies to any contract that meets the definition of "federally assisted construction contract" in 41 CFR Part 60-1.3 and agrees that it will comply with such provision.

ARTICLE 24: CLEAN AIR AND WATER POLLUTION CONTROL ACT

Customer Purchase Orders using federal funds must contain a provision that requires the Contractor to agree to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act (42 U.S.C. 7401-7671q) and the Federal Water Pollution Control Act as amended (33 U.S.C. 1251-1387). Violations must be reported to the Federal awarding agency and the Regional Office of the Environmental Protection Agency (EPA).

Pursuant to the Federal Rule above, Contractor certifies that it is in compliance with all applicable provisions of the Clean Air Act (42 U.S.C. 7401-7671q) and the Federal Water Pollution Control Act as amended (33 U.S.C. 1251-1387) and will remain in compliance during the term of the Contract.

ARTICLE 25: PREVAILING WAGE

Contractor and any potential subcontractors have a duty to and shall pay the prevailing wage rate under the Davis-Bacon Act, 40 U.S.C. 276a – 276a-5, as amended, and the regulations adopted thereunder contained in 29 C.F.R. pt. 1 and 5.

ARTICLE 26: CONTRACT WORK HOURS AND SAFETY STANDARDS

As per the Contract Work Hours and Safety Standards Act (40 U.S.C. 3701-3708), where applicable, all Customer Purchase Orders in excess of ,000 that involve the employment of mechanics or laborers must include a provision for compliance with 40 U.S.C. 3702 and 3704, as supplemented by Department of Labor regulations (29 CFR Part 5). Under 40 U.S.C. 3702 of the Act, each contractor must be required to compute the wages of

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every mechanic and laborer on the basis of a standard work week of 40 hours. Work in excess of the standard work week is permissible provided that the worker is compensated at a rate of not less than one and a half times the basic rate of pay for all hours worked in excess of 40 hours in the work week. The requirements of 40 U.S.C. 3704 are applicable to construction work and provide that no laborer or mechanic must be required to work in surroundings or under working conditions which are unsanitary, hazardous or dangerous. These requirements do not apply to the purchases of supplies or materials or articles ordinarily available on the open market, or contracts for transportation or transmission of intelligence.

ARTICLE 27: PROFIT AS A SEPARATE ELEMENT OF PRICE

For purchases using federal funds in excess of ,000, a Customer may be required to negotiate profit as a separate element of the price. See, 2 CFR 200.323(b). Contractor agrees to provide information and negotiate with the Customer regarding profit as a separate element of the price for the purchase. Contractor also agrees that the total price, including profit, charged by Contractor to Customer will not exceed the awarded pricing, including any applicable discount, under any awarded contract.

ARTICLE 28: BYRD ANTI-LOBBYING AMENDMENT

Byrd Anti-Lobbying Amendment (31U.S.C. 1352) – Contractors that apply or bid for an award exceeding ,000 must file the required anti-lobbying certification. Each tier must certify to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant or any other award covered by 31 U.S.C. 1352. Each tier must also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the Customer. As applicable, Contractor agrees to file all certifications and disclosures required by, and otherwise comply with, the Byrd Anti-Lobbying Amendment (31 USC 1352).Contractor certifies that it is currently in compliance with all applicable provisions of the Byrd Anti-Lobbying Amendment (31 U.S.C. 1352) and will continue to be in compliance throughout the term of the Contract and further certifies that:

1. No Federal appropriated funds have been paid or will be paid by or on behalf of the Contractor, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of a Federal contract, the making of a Federal Grant, the making of a Federal Loan, the entering into a cooperative agreement, and the extension, continuation, renewal, amendment, or modification of a Federal contract, grant, loan, or cooperative agreement.
2. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing, or attempting to influence, an officer or employee of a Member of Congress in connection with a Federal contract, grant, loan, or cooperative agreement, Contractor shall complete and submit Standard Form – LLL, "Disclosure Form to Report Lobbying", in accordance with its instructions.
3. Contractor shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subcontractors shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certificate is a prerequisite for making or entering into this transaction imposed by Section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than ,000 and not more than ,000 for each such failure.

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ARTICLE 29: COMPLIANCE WITH EPA REGULATIONS APPLICABLE TO GRANTS, SUBGRANTS, COOPERATIVE AGREEMENTS, AND CONTRACTS

Contractor certifies compliance with all applicable standards, orders, regulations, and/or requirements issued pursuant to the Clean Air Act of 1970, as amended (42 U.S.C. 1857(h)), Section 508 of the Clean Water Act, as amended (13 U.S.C. 1368), Executive Order 117389 and Environmental Protection Agency Regulation, 40 CFR Part 15.

ARTICLE 30: COMPLIANCE WITH ENERGY POLICY AND CONSERVATION ACT

Contractor certifies that Contractor will be in compliance with mandatory standards and policies relating to energy efficiency which are contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act (Pub. L. 94-163, 89 Stat. 871).

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Attachment A
Consolidated Traffic Controls, Inc.
Traffic Control, Enforcement and Signal Preemption Equipment
Contract No.: PE05-21

H-GAC Product Code	Item Description (Offeror may not change any desctiption or add items)	Offered Price
	RTC School Flasher Systems	
	Flash Cube for School or 24 Hour Flashers	
	Must Add Solar Panels, Batteries, Poles, Anchors, Signs, Time Switches and Communication if Applicable	
	If you want a yellow Flash Cube enter Y	
	If you want a yellow Signal Face enter Y	
	If you want a yellow Visor enter Y	
	If you want a Red LED Enter Y	
	If you want a 24 Hour Flasher Enter Y	
PNS10-FlashCube	Black Flash Cube Includes Cabinet, LED, Signal Face, Visor and Wiring and Solar Mounting Receiver	$ 1,253.00
PNS10-FlashCube-AC	AC Black Flash Cube Includes Cabinet, LED, Signal Face, Visor and Wiring and Solar Mounting Receiver	$ 1,113.00
PNS10-Cube2	Add a Second LED, Signal, Visor and Mount to FlashCube	$ 378.00
PNS10-Cube3	Add a Third Confirmation LED, Signal, Visor and Mount	$ 378.00
	FlashCube Mounting Options	
PNS10-503396	Pole Mount 4.5" OD Pole	$ 160.00
PNS10-503396-3	Pole Mount 2 7/8 to 3.00" OD Pole	$ 163.00
PNS10-503398	Pole Mount 2 3/8" OD Pole	$ 156.00
PNS10-503397	Pole Mount 2"x 2" Unistrut Pole	$ 125.00
PNS10-503396W	Wooden Pole 4x4 or 6x6	$ 125.00
	FlashCube Solar Panel Options	
PNS10-502400-20	20 Watt Solar Panel Assy incl Mount and Wiring	$ 345.00
PNS10-502400-30	30 Watt Solar Panel Assy incl Mount and Wiring	$ 390.00
PNS10-502400-40	40 Watt Solar Panel Assy incl Mount and Wiring	$ 449.00
PNS10-502400-50	50 Watt Solar Panel Assy incl Mount and Wiring	$ 481.00
PNS10-502400-65	65 Watt Solar Panel Assy incl Mount and Wiring	$ 545.00
	FlashCube Replacement LED's	
PNS10-506444MTSC	Amber Replacement Master LED W/ Regulator & Dimming for a School Flasher or 24 Hour Flasher	$ 311.00
PNS10-506445MTSC	Red Replacement Master LED W/ Regulator & Dimming for a 24 Hour Flasher	$ 311.00
PNS10-506444S	Amber Second LED	$ 126.00
PNS10-506445S	Red Second LED	$ 126.00
	School Zone Flashers	
	Select Cabinet, Solar Panel, Battery, IL LEDS, Signals, Signs, Poles, Time Switches and Comm. Equip. below)	
	If this is a 24 Hour Flasher enter Y	
	Standard Cabinets	
PNS10-503333K	One Battery Cabinet Including Panel No. 2 lock, Regulator and 4.5" Ubolt Mount 18W"x17H"x14"D	$ 807.00
PNS10-503333HBK	One Battery Cabinet Including Panel No. 2 lock, Regulator and Hinged Mounting Bracket (All Poles Sizes) 18W"x17H"x14"D	$ 807.00
PNS10-503333FBK	One Battery Cabinet Including Panel No. 2 lock, Regulator and Flared Bracket Mount 18W"x17H"x14"D	$ 807.00

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PNS10-503568K	Two Battery Cabinet Including Panel No. 2 lock, Regulator and 4.5" Ubolt Mount 17 1/4"x26"x17"	$ 1,070.00
PNS10-503576K	Two Battery Cabinet Including Panel No. 2 lock, Regulator and Flare Mounting Bracket 17 1/4"x26"x17"	$ 1,070.00
PNS10-502565K	AC Cabinet Including Panel, NEMA Flasher, #2 Lock 4.5" Flare Mount 14"x16"x10"	$ 636.00
PNS10-502564K	AC Cabinet Including Panel, NEMA Flasher, #2 Lock 4.5" Ubolt Mount 14"x16"x10"	$ 636.00
PNS10-502564HBK	AC Cabinet Including Panel, NEMA Flasher, #2 Lock 4.5" Hinge Bracket Mount 14"x16"x10"	$ 636.00
PNS10-502565TWCK	AC Cabinet Including Panel, CUBE Flasher, #2 Lock 4.5" Flare Mount 14"x16"x10"	$ 714.00
PNS10-SUBGUARD DC	Substitute 502598SWG DC Guardian Panel for Regular Swingout Panel, Cables and Harnesses	$ 285.00
PNS10-SUBGUARD AC	Substitute 502505G AC Guardian Panel for Regular Swingout Panel, ables and Harnesses	$ 488.00
PNS10-SUBGUARD LCBG	Substitute 502598LCB DC Guardian Panel for 2 Battery Cabinet Swingout Panel, Cables and Harnesses	$ 285.00
	Tacoma Washington Schooll Flasher Kits	
PNS10-TACOMAR2ACFB	AC Cabinet Including R2 Radio, Panel, CUBE Flasher, #2 Lock 4.5" Flare Mount 14"x16"x10"	$ 2,018.00
PNS10-TACOMAR2AC	AC Cabinet Including R2 Radio, Panel, CUBE Flasher, #2 Lock 4.5" Ubolt Mount 14"x16"x10"	$ 2,018.00
PNS10-TACOMAM2MACFB	AC Cabinet Including M2M Modem, Panel, CUBE Flasher, #2 Lock 4.5" Flare Mount 14"x16"x10"	$ 2,444.00
PNS10-TACOMAM2MAC	AC Cabinet Including M2M Modem, Panel, CUBE Flasher, #2 Lock 4.5" Ubolt Mount 14"x16"x10"	$ 2,444.00
PNS10-TACOMAM2MDCFB	DC Cabinet Including M2M Modem, Panel, CUBE Flasher, #2 Lock 4.5" Flare Mount 14"x16"x10"	$ 4,117.00
PNS10-TACOMAM2MDC	DC Cabinet Including M2M Modem, Panel, CUBE Flasher, #2 Lock 4.5" Ubolt Mount 14"x16"x10"	$ 4,109.00
	TXDOT Approved Cabinets	
	Remember to add TXDOT AP22 time switch if you select TXDOT Cabinet Panel	
PNS10-TXDCSZ	TXDOT One Battery Cabinet Including Panel No. 2 lock, Regulator and Flared Bracket Mount	$ 972.00
PNS10-TXDC2BATT	TXDOT Two Battery Cabinet Including Panel No. 2 lock, Regulator and Flared Bracket Mount	$ 1,312.00
PNS10-RTCAC	TXDOT AC Cabinet Including Panel, NEMA Flasher, #2 Lock Flared Bracket Mount	$ 638.00
0	Enter $ amt. for Custom Cabinet If Applicable	
	If you want a BLACK Cabinet & Mount Enter Y and enter quantity below in Powder Coating	
	If you want a BLACK Pole Assembly Enter Y and enter quantity below in Powder Coating	
PNS10-Cab Black	Powder Coat Cabinet & Mounting Bracket Black	$ 90.00
	Special Colors are available but take longer. Call for prices.	
	Regular Solar Panels	
	Includes 4.5" OD Pole Mount Hardware	
PNS10-SP20	20 Watt Solar Panel Assy incl Side Pole Mount and Wiring	$ 308.00
PNS10-SP30	30 Watt Solar Panel Assy incl Side Pole Mount and Wiring	$ 397.00
PNS10-SP40	40 Watt Solar Panel Assy incl Side Pole Mount and Wiring	$ 406.00
PNS10-SP50	50 Watt Solar Panel Assy incl Side Pole Mount and Wiring	$ 438.00
PNS10-SP65	65 Watt Solar Panel Assy incl Top of Pole Mount and Wiring	$ 524.00
PNS10-SP85	85 Watt Solar Panel Assy incl Top of Pole Mount and Wiring	$ 642.00
PNS10-SP100	100 Watt Solar Panel Assy incl Top of Pole Mount and Wiring	$ 710.00
PNS10-SP130	130 Watt Solar Panel Assy incl Top of Pole Mount and Wiring	$ 801.00
PNS10-SP150	150 Watt Solar Panel Assy incl Top of Pole Mount and Wiring	$ 1,044.00
	If you want to mount Panel to the shaft or Mast Arm of a Signal Pole enter Y	
PNS10-503371IRS2	Side of Pole mount cost for 85 - 150 W Panel	$ 360.00
PNS10-503371IR	Iron Ridge 110 MPH Wind rated Mount	$ 315.00
	Batteries	
PNS10-506484-18	22 (was 18) Amp Hour Gel Cell Battery	$ 138.00
PNS10-500645-36	36 Amp Hour Gel Cell Battery Interstate	$ 182.00
PNS10-500645-53	53 Amp Hour Gel Cell Battery Interstate	$ 264.00
PNS10-500645-104	104 Amp Hour Gel Cell Battery Interstate	$ 416.00
PNS10-500645AGMI	110 Amp Hour AGM Battery Interstate	$ 416.00
	Pole Assemblies (includes Base, Collar, Anchor Bolts and Grounding Lug)	
PNS10-POLE15SPALASSY	15' Spun Aluminum Pole, Base and Collar and Anchor Bolts	$ 571.00
PNS10-POLE15SSASSY	15' Stainless Steel Pole, Base and Collar and Anchor Bolts	$ 601.00
PNS10-POLE15BLKASSY	15' Spun Aluminum Pole, Base and Collar and Anchor Bolts Powdercoated Black	$ 638.00

PNS10-Pole12	12' Spun Aluminum Pole, Base and Collar Anchor Bolts	$ 517.00
PNS10-POLE20SPALASSY	20' Spun Aluminum Pole, Base and Collar and Anchor Bolts	$ 668.00
PNS10-	**If you want to use a Screw-In Anchor instead of Anchor Bolts select an Anchor**	$ 35.00
PNS10-501312SA4	4" Anchor Pelco PB-5364	$ 298.00
PNS10-501312SA8	8" Anchor Pelco PB-5375	$ 516.00
	12" Signals (Includes Visor, closure kit and Ubolt mounting hdwre)	
PNS10-SIGPY	12" Signal Heads Poly Yellow (1, 2 or 3 per flasher)	$ 144.00
PNS10-SIGPB	12" Signal Heads Poly Black (1,2 or 3 per flasher)	$ 144.00
PNS10-SIGAY	12" Signal Heads Aluminum Yellow (1, 2 or 3 per Flasher)	$ 152.00
PNS10-SIGAB	12" Signal Heads Aluminum Black (1, 2 or 3 per flasher)	$ 152.00
	If you want to use a Side by Side Mounting instead of Top and Bottom enter Y	
	12" LED's	
PNS10-502463	12" Amber DC 5 Watt LED IL (RTC Standard) (1, 2 or 3 per flasher)	$ 68.00
PNS10-PNS-82-TSL12YLX	12" Amber AC LED IL (1, 2 or 3 per flasher)	$ 68.00
PNS10-502463-8W-Red	12" Red DC 8 Watt LED IL	$ 85.00
	8" Signals & LEDs, Includes Visor, closure Kit and Ubolt Mount	
PNS10-SIG8PY	8" Signal Heads Poly Yellow	$ 116.00
PNS10-SIG8AY	8" Signal Heads Aluminum Yellow	$ 138.00
PNS10-502463-8L	8" Amber 5 Watt DC LED IL	$ 77.00
PNS10-506493	8" Amber AC LED	$ 77.00
	Static Signs (Includes Ubolt Mounting Hdwre, Banding on request)	
PNS10-S1S5-1-MPH?	S5-1 Speed Limit Sign High Vis Florescent Green (24"x48")	$ 183.00
PNS10-501510	S5-1 Speed Limit Sign Engineer Grade Std Yellow (24"x48")	$ 183.00
PNS10-501511VDOT	S5-1 Speed Limit Sign High Vis Florescent Green (30"x60")	$ 283.00
	What Speed Limit do you want on the sign?	MPH?
	If You prefer Specific Times instead of While Flashing, enter a Y and the times needed below	
Am	Pm	
7:45 - 8:45	3:15 - 4:00	
PNS10-S1S7-1TK	Cell Phone Prohibited Sign (24"x18")	$ 86.00
PNS10-S1S1-1-LGK	S1-1 School Pedestrian Sign Left WITHOUT Lines (36"x36") HV Green	$ 222.00
PNS10-S1S1-1-RGK	S1-1 School Pedestrian Sign Right WITHOUT Lines (36"x36") HV Green	$ 222.00
PNS10-S1S2-1-LGK	S2-1 School Pedestrian Sign Left WITH Lines (36"x36") HV Green	$ 222.00
PNS10-S1S2-1-RGK	S2-1 School Pedestrian Sign Right WITH Lines (36"x36") HV Green	$ 222.00
PNS10-S1S4-3P-K	S4-3P "School" Sign HV Green (10"x24")	$ 62.00
PNS10-S1S4-4PK	S4-4P "When Flashing" Sign HV Black/White (10"x24")	$ 62.00
PNS10-S1W11-15K	W11-15 "Ped/Bicycle Crossing" Sign HV Green (30"x30")	$ 147.00
PNS10-S1S5-2K	S5-2 "End School Zone" Sign Black/White (24"x30")	$ 121.00
PNS10-S1W16-7P24-GK	W16-7P Arrow Pointing Left to Crossing Sign (24"x12") HV Green	$ 79.00
PNS10-S1W16-7P24-RGK	W16-7P Arrow Pointing Right to Crossing Sign (24"x12") HV Green	$ 79.00
PNS10-S1W16-7P-GK	W16-7P Arrow Pointing Left to Crossing Sign (30"x18") HV Green	$ 117.00
PNS10-S1W16-7PR-GK	W16-7P Arrow Pointing Right to Crossing Sign (30"x18") HV Green	$ 117.00
PNS10-S1W16-9P-GK	W16-9P "Ahead" Sign (30"x18") HV Green	$ 116.00
PNS10-502309	Sign Brackets ONLY (Signs come with Brackets)	$ 26.00
	Edge Light School Zone Signs (Sign Only to add to existing battery cabinet installation)	
PNS10-S1ELASSY	This line adds a Cabinet (Including Configurable Dimming and Configurable Flash Patterns),20W Solar Panel, 22Ah Battery to ANY Edgelight© sign. Note: with one battery cabinet you can add an AP22 Time Switch, Guardian© and M2M communication to any sign from School Flasher Section. Pole Assembly also not included.	$ 814.00

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PNS10-S1ELS5-1-15	S5-1 Speed Limit Edge Light Sign 15MPH (High Vis Florescent Green 24"x48", 12 LED's)	$ 1,050.00
	If not 15 MPH, What Speed do you want on the sign?	
	If You prefer Specific Times instead of When Flashing, enter a Y and the times needed below	
Am	Pm	
7:45 - 8:45	3:15 - 4:00	
PNS10-S1S1-1-LGK30K	S1-1 Edge Light School Pedestrian Sign Left WITHOUT Lines (30"x30")	$ 1,045.00
PNS10-S1ELS1-1-RGK30K	S1-1 Edge Light School Pedestrian Sign Right WITHOUT Lines (30"x30")	$ 1,045.00
PNS10-S1ELS1-1-LGK	S1-1 Edge Light School Pedestrian Sign Left WITHOUT Lines (36"x36")	$ 1,082.00
PNS10-S1ELS1-1-RGK	S1-1 Edge Light School Pedestrian Sign Right WITHOUT Lines (36"x36")	$ 1,082.00
PNS10-S1ELS2-1-LGK	S1-1 Edge Light School Pedestrian Sign Left WITH Lines (36"x36")	$ 1,082.00
PNS10-S1ELS2-1-RGK	S1-1 Edge Light School Pedestrian Sign Right WITH Lines (36"x36")	$ 1,082.00
PNS10-S1ELW16-7P24-GK	W16-7P Edge Light Arrow Pointing Left to Crossing Sign (24"x12")	$ 972.00
PNS10-S1ELW16-7P24-RGK	W16-7P Edge Light Arrow Pointing Right to Crossing Sign (24"x12")	$ 972.00
PNS10-S1ELW16-7P-GK	W16-7P Edge Light Arrow Pointing Left to Crossing Sign (30"x18")	$ 1,010.00
PNS10-S1ELW16-7PR-GK	W16-7P Edge Light Arrow Pointing Right to Crossing Sign (30"x18")	$ 1,010.00
PNS10-S1ELW16-9P-GK	W16-9P Edge Light "Ahead" Sign (30"x18")	$ 1,010.00
PNS10-S1ELS7-1TK	Edge Light Cell Phone Prohibited Sign (24"x18")	$ 766.00
	Time Switches	
PNS10-503644	AP22 Time Switch W/ Harness	$ 452.00
PNS10-503644TX	TXDOT/ELTEC Replacement AP22 Time Switch W/ Harness	$ 452.00
PNS10-503644B	AP22 Time Switch Without Harness	$ 430.00
PNS10-503644BTX	TXDOT/ELTEC Replacement AP22 Time Switch W/O Harness	$ 430.00
PNS10-501614	AP21 Time Switch W/ Harness	$ 338.00
PNS10-501614B	AP21 Time Switch W/O Harness	$ 320.00
PNS10-503602-D-KITDC	CPR 2102 with Pager W/ Harness (DC Cabinet mount)	$ 699.00
PNS10-503602-D-KITAC	CPR 2102 with Pager W/ Harness (AC Cabinet mount)	$ 699.00
PNS10-503645X	CPR 2102 without Pager W/O Harness for M2M Systems	$ 452.00
PNS10-503645XP	CPR 2102 without Pager W/O Harness for Radio Systems	$ 452.00
PNS10-501628	ADD a CPR 2102 TXDOT/ELTEC Replacement Wiring Harness	$ 36.00
PNS10-503518	ADD a CPR 2102 Replacement Wiring Harness	$ 36.00
	RTC Time Switch M2M Upgrade Program	
PNS10-AP22 UPGR	AP22 Upgrade (Board Replacement) includes 5 Yr Warranty	$ 250.00
PNS10-AP22 UPGR	AP22 Upgrade (NO Board Replacement)	$ 135.00
PNS10-CPR UPGR	CPR 2102 Upgrade Years 1-5 (Board Replacement) 5 Yr Warranty	$ 250.00
PNS10-CPR UPGR	CPR 2102 Upgrade Years 1-5 (NO Board Replacement)	$ 135.00
PNS10-CPR UPGR10YR	CPR 2102 Upgrade Year 6 and up (Board Replacement)	$ 322.00
	Guardian Flasher Monitoring System	
PNS10-Guard	DC Guardian Board with Complete 3 way Wiring Harness only (use to replace existing FCB Board and only if there is an existing functional 6 terminal regulator)	$ 382.00
PNS10-Guard1	DC Guardian Board with Complete 3 way Wiring Harness mounted on small panel (use if there is an existing functional 6 terminal regulator)	$ 404.00
PNS10-GuardTX	DC Guardian Board with Complete 3 way TXDOT Wiring Harness and Large Panel, includes a new 20A regulator	$ 495.00
PNS10-Guard2	DC Guardian Board with Complete 3 way Wiring Harness and Large Panel, includes a new 20A regulator	$ 495.00
PNS10-GuardAC1	AC Guardian (Blue Enclosure) with Complete 2 way Wiring Harness (to be wired into panel with existing NEMA Flasher)	$ 434.00
PNS10-GuardCAR	Guardian Board to monitor a Carmanah Flasher	$ 450.00
PNS10-507403S	Optional Door Switch for DC Guardian	$ 30.00
PNS10-507403SC	Optional Door Switch for AC Guardian	$ 30.00
PNS10-507403H2	DC Guardian Complete 3 Way Harness	$ 29.00
PNS10-507403HAC	AC Guardian Complete 3 Way Harness	$ 68.00
	M2M Systems	
PNS10-M2M5YR-4K	Five Year Plan With Modem, RTC Connect™ Software, Premium "Always up" Cloud Based Data Storage, Cell Service, Cable, Mount and Antenna	$ 1,300.00

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PNS10-M2M3YR-4K	Three Year Plan With Modem, RTC Connect™ Software, Premium "Always up" Cloud Based Data Storage, Cell Service, Cable, Mount and Antenna	$ 1,100.00
PNS10-M2M1YR-4K	One Year Plan With Modem, RTC Connect™ Software, Premium "Always up" Cloud Based Data Storage, Cell Service, Cable, Mount and Antenna	$ 900.00
PNS10-M2M5YR-RE	Five Year RTC Connect™ Software, Premium "Always up" Cloud Based Data Storage and Cell Service Plan Only	$ 720.00
PNS10-M2M3YR-RE	Three Year RTC Connect ™ Software, Premium "Always up" Cloud Based Data Storage Data and Cell Service Plan Only	$ 540.00
PNS10-M2M1YR-RE	One Year RTC Connect ™ Software, Premium "Always up" Cloud Based Data Storage Data and Cell Service Plan Only	$ 241.00
PNS10-M2M1MONTH-RE	One MONTH Adder to renewal plan to match existing service ONLY	$ 16.00
PNS10-CANADA	Canadian Plans Per Year Adder	$ 25.00
PNS10-503644	Include an AP22 with ANY Modem and Plan	$ 387.00
PNS10-503644TX	Include a TXDOT AP22 with ANY Modem and Plan	$ 387.00
PNS10-M2M4WA	Modem With Cable, Mount and Paddle Antenna	$ 716.00
PNS10-M2MTSC	TSC Modem With Cable, Slide on Bracket, Antenna (Include SIM card, plan billed directly to customer)	$ 625.00
PNS10-M2M4WOA	Modem With Cable, Mount but no Antenna	$ 625.00
PNS10-M2MOBSWAR	Modem Obsolescence Warranty (ONLY for Use with 5 yr plan Renewals)	$ 325.00
PNS10-M2MYagi	7-10 Db M2M Yagi Antenna with 15' Lead and 20" Offset Mounting Bracket	$ 333.00
PNS10-506473	7-10 Db M2M Omni Puck Antenna with 3' Lead and Mounting Bracket	$ 125.00
PNS10-506473MT	Internal Paddle Antenna	$ 48.00
PNS10-M2MYCBL	M2M and E2 Y Programming Cable	$ 36.00
PNS10-506475M2	Modem Cable for 3G or 4G modem	$ 34.00
PNS10-M2MWRTY3	Additional 3 Year Warranty on Modem to get to 5 year total Warranty	$ 176.00
	Central R2 Radio System	
PNS10-R2Master	Master 900 MHz Radio with Mounted 6dB OMNI Antenna & 50' Lead w/ Suppressor	$ 891.00
PNS10-R2Remote	Remote 900 MHz with Mounted 10dB Yaggi Antenna & 25' Lead	$ 874.00
PNS10-503649FACSA	AC Repeater Station (CPR2102 Time Switch, Cabinet, MH Repeater Radio, 5dB Omni Antenna, 50' Lead)	$ 1,353.00
PNS10-503649FSA	DC Repeater Station (CPR 2102 Time Switch, Cabinet, Solar Panel, Battery, MH Repeater Radio, 5dB Omni Antenna, 50' Lead)	$ 2,521.00
PNS10-503647DSA	Replacement Master Radio with Power Supply (No Antenna Included)	$ 641.00
PNS10-503648DM	Replacement Master Radio without Power Supply (No Antenna Included)	$ 602.00
PNS10-503648DSA	Replacement Remote Radio without Power Supply (No Antenna Included)	$ 602.00
	If either Replacement Radio is a Repeater please enter a Y	
PNS10-R2ESR2	ESR 902 Serial Port Server & Cables to connect existing radio to network	$ 779.00
PNS10-501676FM	Master Radio and ESR 902 Ethernet Switch and Cables	$ 1,834.00
	This LAN assembly comes with a 50 ft. antenna lead. If you need more (or less) cable, please call RTC at (800) 782-8721 for pricing.	
	Mobile R2	
PNS10-503646B	Two Way Mobile Radio for Vehicle w/5Db Antenna, Power Cord and Serial Cable	$ 858.00
PNS10-R2Remote	Remote 900 MHz with Mounted 10dB Yaggi Antenna & 25' Lead	$ 874.00
	E2 Ethernet Switch	
PNS10-503486	E2 Ethernet Switch Converter	$ 259.00
PNS10-503486YC	E2 Y programming Cable	$ 17.00
	Central R1 (MDS) Radio System (Existing Customers Only)	
PNS10-503646KIT	Master MDS 900 MHz Radio with Mounted 5dB OMNI Antenna & 50' Lead w/ Suppressor	$ 1,083.00
PNS10-503648CKIT	Remote MDS 900 MHz Radio with Mounted 10dB Yagi Antenna & 25' Lead w/ Suppressor	$ 1,083.00
PNS10-503646	Replacement Master Radio with Adapter for CPR 2102 Power Supply (No Antenna Included)	$ 885.00
PNS10-505402	Replacement Master Radio without Power Supply or cable (No Antenna Included)	$ 885.00
PNS10-503648C	Replacement Remote Radio without Power Supply (for AP22 or CPR2102 Antenna Included)	$ 976.00

PNS10-503645LV	CPR2102 with Remote MDS 900 MHz Radio with Mounted 5dB Omni Antenna and 50' Lead/ suppressor for Las Vegas Nevada	$ 1,323.00
PNS10-503645E	CPR2102 with Remote MDS 900 MHz Radio with Mounted 5dB Omni Antenna and 50' Lead/ suppressor for Clark County	$ 1,323.00
	If either Replacement Radio is a Repeater please enter a Y	
PNS10-501676F	Master MDS Radio and ESR 902 Ethernet Switch and Cables	$ 2,041.00
	This LAN assembly comes with a 50 ft. antenna lead. If you need more (or less) cable, please call RTC at (800) 782-8721 for pricing.	
	RTC Driver Feedback Signs	
	Power Timing and Commuincation Options	
PNS10-DFS-AC11	11" A/C Basic Driver Feedback Sign to tie into existing A/C Cabinet (add Time Switch, Communication Plan/Gateway and Guardian Board as needed)	$ 2,370.00
PNS10-DFS-AC11P	11" A/C "Stand Alone" Basic Driver Feedback Sign (add Time Switch, Communication Plan/Gateway and Guardian Board as needed)	$ 2,542.00
PNS10-DFS-DC11	11" D/C Basic Driver Feedback Sign to tie into existing D/C Power (add Time Switch, Communication Plan/Gateway and Guardian Board as needed)	$ 2,319.00
PNS10-DFS-DC11P	11" D/C "Stand Alone" Basic Driver Feedback Sign includes (2) 22 Ah Batteries and 20 Watt Solar Panel (add Time Switch, Communication Plan/Gateway and Guardian Board as needed)	$ 2,765.00
PNS10-DFS-AC12	12" A/C Stand Alone Basic Driver Feedback Sign (add Time Switch, Communication Plan/Gateway and Guardian Board as needed)	$ 2,230.00
PNS10-DFS-DC12	12" D/C Stand Alone Basic Driver Feedback Sign to tie into existing D/C Power (add Time Switch, Communication Plan/Gateway and Guardian Board as needed)	$ 2,179.00
PNS10-DFS-DC12P	12" D/C Stand Alone Basic Driver Feedback Sign includes (2) 22 Ah Batteries and 20 Watt Solar Panel (add Time Switch, Communication Plan/Gateway and Guardian Board as needed)	$ 2,807.00
PNS10-DFS-AC15	15" A/C Stand Alone Basic Driver Feedback Sign (add Time Switch, Communication Plan/Gateway and Guardian Board as needed)	$ 2,813.00
PNS10-DFS-DC15	15" D/C Stand Alone Basic Driver Feedback Sign to tie into existing D/C Power (add Time Switch, Communication Plan/Gateway and Guardian Board as needed)	$ 2,763.00
PNS10-DFS-DC15P	15" D/C Stand Alone Basic Driver Feedback Sign includes (2) 22 Ah Batteries and 20 Watt Solar Panel (add Time Switch, Communication Plan/Gateway and Guardian Board as needed)	$ 3,389.00
PNS10-503644B	Add AP22 Time Switch to any Driver Feedback sign	$ 430.00
PNS10-507413	If you add a Commuication Plan below also add a gateway board	$ 59.00
PNS10-M2M5YR-4K	Add Five Year Communicaion Plan With Modem, RTC Connect™ Software, Premium "Always up" Cloud Based Data Storage, Cell Service, Cable, Mount and Antenna	$ 1,300.00
PNS10-M2M3YR-4K	Add Three Year Communicaion Plan With Modem, RTC Connect™ Software, Premium "Always up" Cloud Based Data Storage, Cell Service, Cable, Mount and Antenna	$ 1,100.00
PNS10-M2M1YR-4K	Add One Year Communicaion Plan With Modem, RTC Connect™ Software, Premium "Always up" Cloud Based Data Storage, Cell Service, Cable, Mount and Antenna	$ 900.00
PNS10-Guard	Add D/C Guardian Board with wiring harness only (use only if there is an existing functional 6 terminal regulator)	$ 382.00
PNS10-SUB40W	Substitute 40 Watt for 20 Watt Solar Panel	$ 98.00
PNS10-ADD22AH	Add 2 more 22Ah Gel cell Batteries	$ 155.00
	RTC Edgelight© Signs	
PNS10-S1ELASSY	This line adds a Cabinet (Including Configurable Dimming and Configurable Flash Patterns),20W Solar Panel, 22Ah Battery to ANY Edgelight© sign. Note: with one battery cabinet you can add an AP22 Time Switch, Guardian© and M2M communication to any sign from School Flasher Section. Pole Assembly also not included.	$ 814.00

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	Edge Light School Zone Signs (Sign Only to add to regular or existing battery cabinet installation) Ubolt Mounting Hdwre included, Banding available on request	
PNS10-S1ELS5-1-15	S5-1 Speed Limit Edge Light Sign 15MPH (High Vis Florescent Green 24"x48", 12 LED's)	$ 1,050.00
	If not 15 MPH, What Speed do you want on the sign?	MPH?
PNS10-S1S1-1-LGK30K	S1-1 Edge Light School Pedestrian Sign Left WITHOUT Lines (30"x30")	$ 1,045.00
PNS10-S1ELS1-1-RGK30K	S1-1 Edge Light School Pedestrian Sign Right WITHOUT Lines (30"x30")	$ 1,045.00
PNS10-S1ELS1-1-LGK	S1-1 Edge Light School Pedestrian Sign Left WITHOUT Lines (36"x36")	$ 1,082.00
PNS10-S1ELS1-1-RGK	S1-1 Edge Light School Pedestrian Sign Right WITHOUT Lines (36"x36")	$ 1,082.00
PNS10-S1ELS2-1-LGK	S1-1 Edge Light School Pedestrian Sign Left WITH Lines (36"x36")	$ 1,082.00
PNS10-S1ELS2-1-RGK	S1-1 Edge Light School Pedestrian Sign Right WITH Lines (36"x36")	$ 1,082.00
PNS10-S1ELW16-7P24-GK	W16-7P Edge Light Arrow Pointing Left to Crossing Sign (24"x12")	$ 972.00
PNS10-S1ELW16-7P24-RGK	W16-7P Edge Light Arrow Pointing Right to Crossing Sign (24"x12")	$ 972.00
PNS10-S1ELW16-7P-GK	W16-7P Edge Light Arrow Pointing Left to Crossing Sign (30"x18")	$ 1,010.00
PNS10-S1ELW16-7PR-GK	W16-7P Edge Light Arrow Pointing Right to Crossing Sign (30"x18")	$ 1,010.00
PNS10-S1ELW16-9P-GK	W16-9P Edge Light "Ahead" Sign (30"x18")	$ 1,010.00
PNS10-S1ELS7-1TK	Edge Light Cell Phone Prohibited Sign (24"x18")	$ 766.00
	Edge Light Stop Signs (Edge Light Sign Only to add to regular or existing battery cabinet installation) Ubolt Mounting Hdwre included, Banding available on request	
PNS10-ELR1-1 30K	R1-1 Stop Edge Light Sign (30"x30", 8 LED's)	$ 1,041.00
PNS10-ELR1-1 36K	R1-1 Stop Edge Light Sign (36"x36", 8 LED's)	$ 1,067.00
PNS10-ELR1-1 48K	R1-1 Stop Edge Light Sign (48"x48", 8 LED's)	$ 1,117.00
	Edge Light Pedestrian Crossing Signs (Edge Light Sign Only to add to regular or existing battery cabinet installation)	
PNS10-ELW11-2-36K	W11-2 Edge Light Pedestrian Sign Walking Left HV Green, No Lines (36"x36")	$ 1,101.00
PNS10-ELW11-2R-36K	W11-2 Edge Light Pedestrian Sign Walking Right HV Green, No Lines (36"x36")	$ 1,101.00
PNS10-ELW11-2K	W11-2 Edge Light Pedestrian Sign Walking Left HV Green, No Lines (30"x30")	$ 1,065.00
PNS10-ELW11-2RK	W11-2 Edge Light Pedestrian Sign Walking Right HV Green, No Lines (30"x30")	$ 1,065.00
PNS10-S1ELW16-7P24-GK	W16-7P Edge Light Arrow Pointing Left to Crossing Sign (24"x12")	$ 972.00
PNS10-S1ELW16-7P24-RGK	W16-7P Edge Light Arrow Pointing Right to Crossing Sign (24"x12")	$ 972.00
PNS10-S1ELW16-7P-GK	W16-7P Edge Light Arrow Pointing Left to Crossing Sign (30"x18")	$ 1,010.00
PNS10-S1ELW16-7PR-GK	W16-7P Edge Light Arrow Pointing Right to Crossing Sign (30"x18")	$ 1,010.00
PNS10-S1ELW16-9P-GK	W16-9P Edge Light "Ahead" Sign (30"x18")	$ 1,010.00
	Edge Light Other Signs (Specify MUTCD Sign or ANY Other Sign)	
	Describe Sign Here (Include MUTCD Code if known and Size)	
	RTC Fire Station Warning Systems	

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	Includes Cabinet, Push to Activate Sign, Fire Station Text and Truck Icon Sign, 20W Solar Panel and 53 Ah Battery for Solar Options	
	Add Poles, Pole Anchors, Signal Heads, Other Signs, LED's or RRFB's if Required	
	If you want to mount Cabinet to the shaft of a Signal Pole enter Y	
	Activation Cabinet Options	
PNS10-600001MC	Fire Station Warning System Facility and Remote Activated (for use with Light Duty Handheld Device, Not Included)	$ 2,688.00
PNS10-600001E	Opticom© Activated Transmission and Opticom© Receiving (Does not include GTT Opticom phase selector or detector or cable)	$ 2,831.00
PNS10-600001RT	Radio Activated Transmission and Opticom© Receiving (Does not include GTT Opticom phase selector or detector or cable) Includes upgrade to 40 W Solar Panel	$ 3,017.00
	Receiving Cabinet Options	
PNS10-600002R	DC Fire Station Receiving Cabinet From Facility or Light Duty Remote (20 Watt Solar Panel and 53 AH Battery)	$ 2,478.00
PNS10-600007R	AC Fire Station Receiving Cabinet From Facility or Light Duty Remote (Part # 502507HH)	$ 1,951.00
PNS10-502547MC	Light Duty Vehicle Remote Control	$ 99.00
	Pole Assemblies (includes Base, Collar, Anchor Bolts and Grounding Lug)	
PNS10-POLE15SPALASSY	15' Spun Aluminum Pole, Base and Collar and Anchor Bolts	$ 571.00
PNS10-POLE15BLKASSY	15' Spun Aluminum Pole, Base and Collar and Anchor Bolts Powdercoated Black	$ 638.00
PNS10-	**If you want to use a Screw-In Anchor instead of Anchor Bolts select an Anchor**	$ 35.00
PNS10-501312SA4	4" Anchor Pelco PB-5364	$ 298.00
PNS10-501312SA8	8" Anchor Pelco PB-5375	$ 516.00
	12" Signals (Includes Visor, closure kit and Ubolt mounting hdwre)	
PNS10-SIGPY	12" Signal Heads Poly Yellow (1, 2 or 3 per flasher)	$ 144.00
PNS10-SIGPB	12" Signal Heads Poly Black (1,2 or 3 per flasher)	$ 144.00
PNS10-SIGAY	12" Signal Heads Aluminum Yellow (1, 2 or 3 per Flasher)	$ 152.00
PNS10-SIGAB	12" Signal Heads Aluminum Black (1, 2 or 3 per flasher)	$ 152.00
PNS10-	**If you want to use a Side by Side Mounting instead of Top and Bottom enter Y**	
	12" LED's	
PNS10-502463	12" Amber DC 5 Watt LED IL (RTC Standard) (1, 2 or 3 per flasher)	$ 68.00
PNS10-PNS-82-TSL12YLX	12" Amber AC LED IL (1, 2 or 3 per flasher)	$ 68.00
0	Change Solar and Battery Sizing	$ -
PNS10-SUB30W	Substitute 30 Watt for 20 Watt Solar Panel	$ 88.00
PNS10-SUB40W	Substitute 40 Watt for 20 Watt Solar Panel	$ 98.00
PNS10-SUB50W	Substitute 50 Watt for 20 Watt Solar Panel	$ 130.00
PNS10-SUB65W	Substitute 65 Watt for 20 Watt Solar Panel	$ 216.00
PNS10-SUB85W	Substitute 85 Watt for 20 Watt Solar Panel	$ 334.00
PNS10-SUB100W	Substitute 100 Watt for 20 Watt Solar Panel	$ 402.00
PNS10-SUB130W	Substitute 130 Watt for 20 Watt Solar Panel	$ 493.00
PNS10-SUB150W	Substitute 150 Watt for 20 Watt Solar Panel	$ 736.00
PNS10-SUB104A	Substitute 104Ah for 53Ah Battery	$ 152.00
	RTC Pedestrian Crossing Systems	
	Includes Cabinet, "Push to Activate" Sign, 40 Watt Solar Panel and 53 Ah Battery for Solar Stations	
	Add Poles, Pole Anchors, Signal Heads, LED's or RRFB's or Other Signs if Required	
	If you want to mount Cabinet to the shaft of a Signal Pole enter Y	
PNS10-600008ID	DC Pedestrian Crossing W/ Polara Model X APS Bluetooth Pushbutton	$ 2,388.00
PNS10-600008M	DC Pedestrian Crossing Master W/ Pushbutton (1 -2 Remotes)	$ 2,388.00

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PNS10-600008MA	DC Pedestrian Crossing Master W/ Pushbutton (3 -6 Remotes)	$	2,652.00
PNS10-600008R	DC Pedestrian Crossing Remote W/ Pushbutton	$	2,388.00
PNS10-FlashCube-M	DC Flash Cube ™ Pedestrian Crossing Master W/ Pushbutton (Includes One Flashing beacon)	$	1,968.00
PNS10-FlashCube-R	DC Flash Cube ™ Pedestrian Crossing Remote W/ Pushbutton (Includes one flashing Beacon)	$	1,968.00
PNS10-600005M	AC Pedestrian Crossing Master W/ Pushbutton (1-2 Remotes)	$	1,892.00
PNS10-600005MA	AC Pedestrian Crossing Master W/ Pushbutton (3 or more remotes)	$	2,155.00
PNS10-600004R	AC Pedestrian Crossing Remote W/ Pushbutton	$	1,892.00
PNS10-50643062	Gateway Radio for Ped Crossing	$	451.00
PNS10-506430N2	Node Radio for Ped Crossing	$	451.00
PNS10-Cube2	Add a Second LED, Signal, Visor and Mount to FlashCube	$	378.00
PNS10-Cube3	Add a Third Confirmation LED, Signal, Visor and Mount	$	378.00
	Change Solar and Battery Sizing		
PNS10-SUB20W	Substitute 20 Watt for 40 Watt Solar Panel	$	(97.00)
PNS10-SUB30W	Substitute 30 Watt for 40 Watt Solar Panel	$	(9.00)
PNS10-SUB50W	Substitute 50 Watt for 40 Watt Solar Panel	$	33.00
PNS10-SUB65W	Substitute 65 Watt for 40 Watt Solar Panel	$	118.00
PNS10-SUB85W	Substitute 85 Watt for 40 Watt Solar Panel	$	237.00
PNS10-SUB100W	Substitute 100 Watt for 40 Watt Solar Panel	$	304.00
PNS10-SUB130W	Substitute 130 Watt for 40 Watt Solar Panel	$	395.00
PNS10-SUB150W	Substitute 150 Watt for 40 Watt Solar Panel	$	638.00
PNS10-SUB104A	Substitute 104Ah for 53Ah Battery	$	152.00
PNS10-SUBAPS	Substitute a Yellow Model X APS pushbutton for Bulldog Including Changing Control Panel (Add One for each Master and One for each Remote)	$	619.00
PNS10-	Remove Push button from Assembly	$	(196.00)
PNS10-	Add a Second Pushbutton	$	196.00
PNS10-503499S	Polara 9X12 Push to Activate Sign	$	35.00
PNS10-APS MSG	Special Message Fee	$	40.00
	Signs for Ped Crossings (Includes U-Bolt Mounting)		
PNS10-S1W11-2-G-36K	W11-2 Pedestrian Sign Walking Left HV Green No Lines (36"x36")	$	226.00
PNS10-S1W11-2R-G-36K	W11-2 Pedestrian Sign Walking Right HV Green No Lines (36"x36")	$	226.00
PNS10-S1W11-2K	W11-2 Pedestrian Sign Walking Left HV Green No Lines (30"x30")	$	178.00
PNS10-S1W11-2RK	W11-2 Pedestrian Sign Walking Right HV Green No Lines (30"x30")	$	178.00
PNS10-5003357AT	Bolt Kit for Back to Back Edge Light Signs or Back to Back RRFB's	$	18.00
PNS10-S1S2-1-LGK	S2-1 School Pedestrian Sign Left WITH Lines (36"x36") HV Green	$	222.00
PNS10-S1S2-1-RGK	S2-1 School Pedestrian Sign Right WITH Lines (36"x36") HV Green	$	222.00
PNS10-S1W16-7P24-GK	W16-7P Arrow Pointing Left to Crossing Sign (24"x12") HV Green	$	79.00
PNS10-S1W16-7P24-RGK	W16-7P Arrow Pointing Right to Crossing Sign (24"x12") HV Green	$	79.00
PNS10-S1W16-9P-GK	W16-9P "Ahead" Sign (30"x18") HV Green	$	116.00
	Edge Light Pedestrian Crossing Signs (Edge Light Sign Only to add to existing battery cabinet installation)		
PNS10-ELW11-2K	W11-2 Edge Light Pedestrian Sign Walking Left HV Green, No Lines (30"x30")	$	1,065.00
PNS10-ELW11-2RK	W11-2 Edge Light Pedestrian Sign Walking Right HV Green, No Lines (30"x30")	$	1,065.00
PNS10-ELW11-2-36K	W11-2 Edge Light Pedestrian Sign Walking Left HV Green, No Lines (36"x36")	$	1,101.00
PNS10-ELW11-2R-36K	W11-2 Edge Light Pedestrian Sign Walking Right HV Green, No Lines (36"x36")	$	1,101.00
PNS10-S1ELW16-7P24-GK	W16-7P Edge Light Arrow Pointing Left to Crossing Sign (24"x12")	$	972.00
PNS10-S1ELW16-7P24-RGK	W16-7P Edge Light Arrow Pointing Right to Crossing Sign (24"x12")	$	972.00
PNS10-S1ELW16-7P-GK	W16-7P Edge Light Arrow Pointing Left to Crossing Sign (30"x18")	$	1,010.00
PNS10-S1ELW16-7PR-GK	W16-7P Edge Light Arrow Pointing Right to Crossing Sign (30"x18")	$	1,010.00
PNS10-S1ELW16-9P-GK	W16-9P Edge Light "Ahead" Sign (30"x18")	$	1,010.00

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PNS10-S1ELASSY	This line adds a Cabinet (Including Configurable Dimming and Configurable Flash Patterns),20W Solar Panel, 22Ah Battery to ANY Edgelight© sign. Note: with one battery cabinet you can add an AP22 Time Switch, Guardian© and M2M communication to any sign from School Flasher Section. Pole Assembly also not included.	$ 814.00
	RRFB's in Black Aluminum (Ubolt Mounting Hdwre, Banding Available on request)	
	If you want to change the color to Yellow enter Y	
PNS10-503661D	Single Solar RRFB (No Confirmation Light) (Ubolt Mount)	$ 705.00
PNS10-503661DB	Single Solar RRFB (No Confirmation Light) (Banding Mount)	$ 672.00
PNS10-503661D2	Back to Back Solar RRFBs (No Confirmation Light) (Ubolt Mount)	$ 1,326.00
PNS10-503661DC	Single Solar RRFB W/ Confirmation Light (Ubolt Mount)	$ 790.00
PNS10-503661DCB	Single Solar RRFB W/ Confirmation Light (Banding Mount)	$ 758.00
PNS10-503661DCC	Single Solar RRFB W/ Two Confirmation Lights (Ubolt Mount)	$ 874.00
PNS10-503661DCCB	Single Solar RRFB W/ Two Confirmation Lights (Banding Mount)	$ 842.00
PNS10-503661DC2	Back to Back Solar RRFBs W/ One Confirmation Light (Ubolt Mount)	$ 1,485.00
PNS10-503661DC2B	Back to Back Solar RRFBs W/ One Confirmation Light (Banding Mount)	$ 1,430.00
PNS10-503661DC3	Back to Back Solar RRFBs W/ Two Confirmation Lights (Ubolt Mount)	$ 1,570.00
PNS10-503661DCC2	Back to Back Solar RRFBs W/ Four Confirmation Lights (UBolt Mount)	$ 1,729.00
PNS10-503661A	Single AC RRFB (No Confirmation Light) (Ubolt Mount)	$ 775.00
PNS10-503661AB	Single AC RRFB (No Confirmation Light) (Banding Mount)	$ 742.00
PNS10-503661A2	Back to Back AC RRFBs (No Confirmation Light) (Ubolt Mount)	$ 1,542.00
PNS10-503661AC	Single AC RRFB W/ Confirmation Light (Ubolt Mount)	$ 861.00
PNS10-503661ACB	Single AC RRFB W/ Confirmation Light (Banding Mount)	$ 829.00
PNS10-503661ACC	Single AC RRFB W/ two Confirmation Light (Ubolt Mount)	$ 946.00
PNS10-503661ACCB	Single AC RRFB W/ two Confirmation Light (Banding Mount)	$ 914.00
PNS10-503661AC2	Back to Back AC RRFBs W/ One Confirmation Light (Ubolt Mount)	$ 1,616.00
PNS10-503661AC2B	Back to Back AC RRFBs W/ One Confirmation Light (Banding Mount)	$ 1,561.00
PNS10-SUB30W	Substitute 30 Watt for 20 Watt Solar Panel	$ (9.00)
PNS10-SUB40W	Substitute 40 Watt for 20 Watt Solar Panel	$ (97.00)
PNS10-SUB50W	Substitute 50 Watt for 20 Watt Solar Panel	$ 31.00
PNS10-SUB65W	Substitute 65 Watt for 20 Watt Solar Panel	$ 118.00
PNS10-SUB85W	Substitute 85 Watt for 20 Watt Solar Panel	$ 237.00
PNS10-SUB104A	Substitute 104Ah for 53Ah Battery	$ 152.00
	Pole Assemblies (includes Base, Collar, Anchor Bolts and Grounding Lug)	
PNS10-POLE15SPALASSY	15' Spun Aluminum Pole, Base and Collar and Anchor Bolts	$ 571.00
PNS10-POLE15BLKASSY	15' Spun Aluminum Pole, Base and Collar and Anchor Bolts Powdercoated Black	$ 638.00
PNS10-	**If you want to use a Screw-In Anchor instead of Anchor Bolts select an Anchor**	$ 35.00
PNS10-501312SA4	4" Anchor Pelco PB-5364	$ 298.00
PNS10-501312SA8	8" Anchor Pelco PB-5375	$ 516.00
	12" Signals (Includes Visor, closure kit and Ubolt mounting hdwre)	
PNS10-SIGPY	12" Signal Heads Poly Yellow (1, 2 or 3 per flasher)	$ 144.00
PNS10-SIGPB	12" Signal Heads Poly Black (1,2 or 3 per flasher)	$ 144.00
PNS10-SIGAY	12" Signal Heads Aluminum Yellow (1, 2 or 3 per Flasher)	$ 152.00
PNS10-SIGAB	12" Signal Heads Aluminum Black (1, 2 or 3 per flasher)	$ 152.00
	If you want to use a Side by Side Mounting instead of Top and Bottom enter Y	
	12" LED's	
PNS10-502463	12" Amber DC 5 Watt LED IL (RTC Standard) (1, 2 or 3 per flasher)	$ 68.00
PNS10-PNS-82-TSL12YLX	12" Amber AC LED IL (1, 2 or 3 per flasher)	$ 68.00
	RTC Ala Carte Section	
	Signal Cabinets (ALL RTC Cabinets include all load switches, flash transfer realys, isolators, power supplies and BIU's as needed)	
PNS10-TS1	TS1 Cabinet No Conflict Monitor or Controller	$ 9,096.00
PNS10-TS1M	TS1 Cabinet with EDI Conflict Monitor but No Controller	$ 10,132.00
PNS10-TS1MC	TS1 Cabinet with EDI Conflict Monitor and McCain Controller	$ 12,520.00
PNS10-TS2	TS2 Cabinet No Conflict Monitor or Controller	$ 10,751.00
PNS10-TS2M	TS2 Cabinet with EDI Conflict Monitor but No Controller	$ 11,787.00

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PNS10-TS2MC	TS2 Cabinet with EDI Conflict Monitor and McCain Controller	$ 14,177.00
PNS10-TS2TX	TXDOT TS2 Cabinet with EDI Conflict Monitor but No Controller	$ 12,277.00
	Time Switches Ala Carte	
PNS10-503644B	AP22 Time Switch W/O Harness	$ 430.00
PNS10-AP22H	AP22 Harness 48"	$ 31.00
PNS10-504567	Program Transfer Cable PC to AP22/CPR/TR4	$ 40.00
PNS10-500637	Program Transfer Cable Kit PC to AP22/CPR/TR4	$ 129.00
PNS10-504558	AP22 Transfer Cable (Clock to Clock)	$ 23.00
PNS10-	AP22 Time Clock Upgrade and Warranty	$ 137.00
PNS10-501614B	AP21 Time Switch W/O Harness	$ 320.00
PNS10-503518	AP21 & CPR2102 Harness 48"	$ 31.00
PNS10-500512	Program Transfer Cable PC to AP21 or AP21 to AP21	$ 10.00
PNS10-500635D	Program Transfer Cable KIT PC to AP21 or AP21 to AP21	$ 72.00
PNS10-500482	DB9 to RJ45 Adapter Cable	$ 55.00
PNS10-500625	AP21TR AC Time Switch (No Keypad or Display)	$ 195.00
PNS10-500634	AP21TR DC Time Switch (No Keypad or Display)	$ 195.00
PNS10-500455	Base Relay for DCF 2 circuit Flasher and AP21TR	$ 7.00
PNS10-505426	Adapter USB to DB9	$ 52.00
PNS10-500517	Power Cord for all Time Switches	$ 43.00
PNS10-507409	Memory Capacitor (was 501808)	$ 10.00
PNS10-500335E	Mounting Bracket for Pager Antenna in DC Cabinet	$ 36.00
PNS10-503349K	Mounting Bracket for Pager Antenna in AC Cabinet	$ 83.00
PNS10-501532C	GPS Receiver W/ Harness	$ 260.00
PNS10-506445CPWM-3	CPR 2102 Time Clock Upgrade and Warranty	$ 138.00
PNS10-503525A	CPR 2102 Pager Antenna w/ 30' Lead	$ 94.00
PNS10-501628	ADD a CPR 2102 TXDOT/ELTEC Replacement Wiring Harness	$ 36.00
PNS10-503518	ADD a CPR 2102 Replacement Wiring Harness	$ 36.00
	Communication Options:	
	R1 and R2 Radio and Antenna Options	
PNS10-505472-11dB	11dB Omni Antenna with Mounting Bracket	$ 536.00
PNS10-503525Y	10dB Yagi Antenna W/ Mounting Bracket, 25' Lead	$ 189.00
PNS10-505472-5	5dB OMNI Antenna W/O Mounting Bracket, No Lead	$ 176.00
PNS10-503525BE	3dB OMNI Antenna W/O Mounting Bracket, 30' Lead	$ 105.00
PNS10-502356	Mounting Bracket for all Yagi Antennas	$ 98.00
PNS10-505472-5B	Mounting Bracket For 5dB Omni Antenna on 1.5" pole (for 505472-5)	$ 38.00
PNS10-500335E	Mounting Bracket For 5dB Omni, CPR Pager 3dB Omni Antennas on Solar Panel	$ 22.00
PNS10-505472L-25	25' 240 Series Antenna Lead Only (No Lightning Suppressor)	$ 40.00
PNS10-505472L-50	50' 240 Series Antenna Lead With Suppressor	$ 235.00
PNS10-505472L-100	100' 400 Series Antenna Lead With Suppressor	$ 299.00
PNS10-505472L-100BE	100' 400 Series Antenna Lead With Suppressor (for 503525BE, Fire Station WS)	$ 326.00
PNS10-505472L-150	150' 400 Series Antenna Lead With Suppressor	$ 394.00
PNS10-505433	Lightning Suppressor for Antenna Lead	$ 43.00
PNS10-505476-2	ESR 902 Serial Port Server (No Cables)	$ 755.00
PNS10-505476C	6 Foot Serial Cable from Radio to Switch	$ 22.00
PNS10-505476EC	7 Foot Cat 5 Cable from LAN to Switch	$ 13.00
PNS10-501257	2 Conductor Cable for RRFB Pigtail (Per Foot) (A/C Only)	$ 1.00
	Solar and AC Cabinet Back Panels and Components	
PNS10-Eng	Specialty Panel Engineering Adder Per Hour	$ 125.00
PNS10-503333UB	One Battery Cabinet Cabinet Only	$ 478.00
PNS10-503333FB	One Battery Cabinet - Cabinet Only + Flared Pole Mount	$ 486.00
PNS10-503333HB	One Battery Cabinet - Cabinet Only + Hinge Bracket Mount	$ 486.00
PNS10-502598SW	One Battery Cabinet - Panel Only	$ 309.00
PNS10-503568	Two Battery Cabinet - Cabinet Only - Ubolt mount	$ 819.00
PNS10-503576	Two Battery Cabinet - Cabinet Only - Flare Bracket mount	$ 819.00
PNS10-503568-3PT	Houston Two Battery Cabinet - + 3PT Lock	$ 819.00
PNS10-502598	Houston Two Battery Cabinet - Panel Only Add 50489-15 Regulator, and 500540 Flasher	$ 234.00
PNS10-SFGP3LED	Grand Prairie Two Battery Cabinet (Complete with Radio and CPR 2102 Time Switch, Pole, base, anchor bolts, signals and LED's)	$ 4,905.00
PNS10-502598GP	Grand Prairie Two Battery Cabinet Panel Only (Add 20A SS Regulator & DCF2)	$ 247.00
PNS10-501302-3PT	Houston Two Battery Cabinet with Three Point lock	$ 670.00
PNS10-500341CCNK	Clark County AC School Cabinet and Panel	$ 939.00
PNS10-500341CCNPK	Clark County AC Pedestrian Crossing Cabinet and Panel (No Ped ISO)	$ 1,204.00
PNS10-502598LCB	Panel Only for Two Battery Cabinet With Regulator	$ 283.00
PNS10-502564	AC Cabinet - Cabinet Only + Ubolts	$ 373.00

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PNS10-502565	AC Cabinet - Cabinet Only + Flared Pole Mount	$ 373.00
PNS10-502565HB	AC Cabinet - Cabinet Only + Hinge Bracket Mount	$ 373.00
PNS10-502505	A/C Panel (NEMA Flasher Only, No Flash Transfer Relay)	$ 248.00
PNS10-500533	NEMA Flasher	$ 40.00
PNS10-502505P	Pelco Cabinet Replacement Panel (does not include AP22, M2M or Guard)	$ 348.00
PNS10-500357	Mounting Bracket 4.5" Ubolt	$ 55.00
PNS10-500357B	Mounting Bracket 4.5" Ubolt Powder Coated	$ 59.00
PNS10-502364-4	Mounting Bracket - Flared for Signal Poles (AC cabinet needs one, DC cabinets need 2 each)	$ 22.00
PNS10-502364HB	Mounting Bracket 4.5" Hinged Bracket (DC Cabinets)	$ 129.00
PNS10-502364HBA	Mounting Bracket 4.5" Hinged Bracket (AC Cabinets)	$ 151.00
PNS10-502598	DC Panel Assy (Houston Spec)(No DCF, No Regulator)	$ 111.00
PNS10-502598BP	DC Panel Assy (Quick Replacement/Small Footprint)	$ 309.00
PNS10-502598GP	DC Panel Assy (Grand Prairie Spec)	$ 300.00
PNS10-500540	DCF 2 circuit Flasher	$ 159.00
PNS10-502598FCBA	Circuit Board Flasher Interface W/ Automotive Fuses)	$ 163.00
PNS10-500489-15	15 Amp Regulator PROSTAR LCD Screen (up to 250 Watt System)	$ 257.00
PNS10-504459SS20	20 Amp Sun Saver Regulator Without LCD Display (up to 320 Watt System)	$ 143.00
PNS10-501359	# 2 Key for Lock	$ 4.00
PNS10-500380	# 2 Lock (includes 1 key)	$ 31.00
PNS10-500316	# 1 (Police) Key for Lock	$ 3.00
PNS10-500315	# 1 (Police) Lock (includes 1 key)	$ 22.00
	Solar Panels (Wiring Kit Included), Brackets and Wiring Kits	
PNS10-502400-20	20 Watt Solar Panel ONLY	$ 120.00
PNS10-502400-30	30 Watt Solar Panel ONLY	$ 208.00
PNS10-502400-40	40 Watt Solar Panel ONLY	$ 217.00
PNS10-502400-50	50 Watt Solar Panel ONLY	$ 250.00
PNS10-502400-65	65 Watt Solar Panel ONLY	$ 335.00
PNS10-502400-85	85 Watt Solar Panel ONLY	$ 454.00
PNS10-502400-100	100 Watt Solar Panel ONLY	$ 521.00
PNS10-502400-130	130 Watt Solar Panel ONLY	$ 612.00
PNS10-502400-150	150 Watt Solar Panel ONLY	$ 855.00
PNS10-502400-M	Banding Mounting Bracket 20-50 W for Most Pole Sizes (Includes Bolt Kit)	$ 86.00
PNS10-503371U	Gimble Mount for 2" Square Pole	$ 213.00
PNS10-503371PK	Small Top of Pole Mount Kit	$ 174.00
PNS10-502400-M2	4.5 OD Top of Pole Gimble Mounting Bracket 65-130 W (Includes Bolt Kit)	$ 199.00
PNS10-503364B	Side of Pole Riser Mount 5'	$ 243.00
	Poles & Anchors Ala Carte	
PNS10-501307	15' Spun Aluminum Pole (Pole Only)	$ 300.00
PNS10-501310	Pole Base SPTX-1014	$ 153.00
PNS10-501311	Pole Collar PB-5325	$ 65.00
PNS10-501310GL	Grounding Lug PB-5378-BRS	$ 17.00
PNS10-501312	Anchor Bolts Pelco 5306-GLV	$ 35.00
PNS10-501312GR	Grounding Rod with Clamp and Wire	$ 48.00
PNS10-501309M	Pole Cap PB-5402	$ 12.00
	Signal LED and Wiring Ala Carte	
PNS10-502463-8W	12" Amber DC 8 Watt LED IL (1, 2 or 3 per flasher) To Match Existing LED's ONLY	$ 85.00
PNS10-503375NS	Mounting Hdwre Pelco SE-5053-ALO Single	$ 51.00
PNS10-503375NSB	Mounting Hdwre Pelco SE-5053-ALO Single Black Powdercoat	$ 51.00
PNS10-503375SSC	Mounting Hdwre Pelco SE-5186-ALO Side by Side	$ 103.00
PNS10-501304	Signal Closure Kit Yellow	$ 4.00
PNS10-501304B	Signal Closure Kit Black	$ 4.00
PNS10-504580S	Signal Wiring Kit	$ 21.00
PNS10-501422BPL	One Section Black Poly 12" Backplate (Louvered)	$ 48.00
PNS10-501422BP	One Section Black Poly 12" Backplate (non Louvered)	$ 47.00
	TR4's	
PNS10-501661F4	TR4 GPS Time Reference (includes GPS Receiver, Power Cord and Wiring Harness)	$ 616.00
PNS10-501532	GPS Receiver Only	$ 221.00
PNS10-501661-4MDOT	TR4 GPS Time Reference for Missouri DOT (add 501532M)	$ 371.00
PNS10-501532M	GPS Receiver Only for Missouri DOT	$ 221.00
PNS10-501661-4K	TR4 Time Reference (W/O GPS)	$ 328.00
PNS10-502586	TR4 72" Harness to GPS Receiver	$ 43.00

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PNS10-502585	TR4 72" Harness and Power Cord	$ 43.00
PNS10-505495T	Processor Chip Upgrade (TR3 to TR4)	$ 23.00
PNS10-501664	GPS Remote Mounting Assembly	$ 326.00
	Other	
PNS10-501610P	Opticom IR Emitter Reader with Soft Side Pouch	$ 569.00
PNS10-506440	Hardshell Pelican Case for Reader	$ 137.00
PNS10-500632	Gate Opener Board for Opticom Gate Opener	$ 237.00
	RTC Installation Labor (CTC)	
CTCINSTALL	Fire Station Warning System 8 hours $260 per hour	$ 2,080.00
CTCINSTALL	15' Pole Installation – Screw in Anchor or Bolts 4 Hours $260 per hour	$ 1,040.00
CTCINSTALL	Signal Cabinet Install TS/1 & TS/2 8 Hours $210 per hour	$ 1,680.00
	RTC Repairs (does NOT include Pager on CPR2102)	
PNS10-AP22 REP1-5	AP22 or CPR2102 Time Switch Repair Year 1-5 (Non Warranty)	$ 125.00
PNS10-AP22 REP6	AP22 or CPR2102 Time Switch Repair Year 6	$ 216.00
PNS10-AP22 REP7	AP22 or CPR2102 Time Switch Repair Year 7	$ 259.00
PNS10-AP22 REP8	AP22 or CPR2102 Time Switch Repair Year 8	$ 302.00
PNS10-AP22 REP9	AP22 or CPR2102 Time Switch Repair Year 9	$ 345.00
PNS10-AP22 REP10	AP22 or CPR2102 Time Switch Repair Year 10	$ 387.00
PNS10-CPRREPPG	CPR 2102 Pager Replacement ADD on to any repair	$ 150.00
PNS10-AP22 REP1-5	AP22 Time Switch Repair Year 1-5 (Non Warranty)	$ 125.00
PNS10-AP21 REP6	AP21 Time Switch Repair Year 6	$ 160.00
PNS10-AP21 REP7	AP21 Time Switch Repair Year 7	$ 192.00
PNS10-AP21 REP8	AP21 Time Switch Repair Year 8	$ 224.00
PNS10-AP21 REP9	AP21 Time Switch Repair Year 9	$ 256.00
PNS10-AP21 REP10	AP21 Time Switch Repair Year 10	$ 287.00
	GTT Opticom	
	GTT Opticom IR - Traffic	
110283	Model 794H LED Emitter	$ 1,030.00
110260	Model 792H Strobe Emitter	$ 1,030.00
110261	793S Emitter Switch (On/Off Box)	$ 144.00
110619	Model 762 Phase Selector	$ 1,868.00
110610-MM	Model 764 Multimode Phase Selector	$ 2,946.00
110274	Model 462 Phase Selector	$ 1,384.00
110620	Model 464 Phase Selector	$ 1,999.00
110245	Model 711 Detector	$ 479.00
110258	Model 721 Detector	$ 535.00
110247	Model 722 Detector	$ 741.00
	Trade In Trade Up Section	
	Only Include the items that are eligible for the discount in this seaction	
110283	Model 794H LED Emitter	$ 1,030.00
110260	Model 792H Strobe Emitter	$ 1,030.00
110261	793S Emitter Switch (On/Off Box)	$ 144.00
110619	Model 762 Phase Selector	$ 1,868.00
110610-MM	Model 764 Multimode Phase Selector	$ 2,946.00
110274	Model 462 Phase Selector	$ 1,384.00
110620	Model 464 Phase Selector	$ 1,999.00
110245	Model 711 Detector	$ 479.00
110258	Model 721 Detector	$ 535.00
110247	Model 722 Detector	$ 741.00
GTT Trade In	Trade in Trade Up Discount 20.6248%	20.625%
	GTT Opticom GPS - Traffic	
110610-MM	Model 764 Multimode Phase Selector	$ 2,946.00
110610-MMEW	Extended Warranty 764 MM Phase Selector	$ 442.00
110610-CELL	Model 7614 Multimode Phase Selector - Cellular	$ 3,413.00
110610-CELLEW	Extended Warranty 7614 MM Phase Selector	$ 512.00
110620	Model 464 Phase Selector	$ 1,999.00
110620-MMEW	Extended Warranty 464 MM Phase Selector	$ 479.00
110603-MM	Model 768 Auxiliary Panel	$ 531.00
110603-MMEW	Extended Warranty 768 Aux Panel	$ 83.00
110611	3100 GPS Radio Unit (Mast Mount)	$ 2,840.00
110611-EW	Extended Warranty 3100 GPS Radio	$ 426.00
110611CAB	3100 GPS Radio Unit (Cabinet Mount)	$ 2,830.00
110611CAB-EW	Extended Warranty 3100 GPS Radio	$ 424.00

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110601	2100 GPS Preemption Vehicle Kit	$ 3,192.00
110601EW	Extended Warranty 2000 Series Vehicle Kit	$ 479.00
110617	GPS Intelligreen Fire Station System	$ 6,012.00
110617EW	GPS Intelligreen 5 Yr Warranty	$ 902.00
	GTT GPS Subscription Prices per month	
1000-1337-0	Subscription Service per Vehicle	$ 105.00
1000-1338-0	Subscription Service per Intersection	$ 171.00
	GTT Opticom Multimode - Traffic	
110610-MM	Model 764 Multimode Phase Selector	$ 2,946.00
110610-MMEW	Extended Warranty 764 MM Phase Selector	$ 442.00
110610-CELL	Model 7614 Multimode Phase Selector - Cellular	$ 3,413.00
110610-CELLEW	Extended Warranty 7614 MM Phase Selector	$ 512.00
110603-MM	Model 768 Auxiliary Panel	$ 531.00
110603-MMEW	Extended Warranty 768 Aux Panel	$ 83.00
110253	Model 755 Four Channel Adapter Card	$ 54.00
110611	3100 GPS Radio Unit (Mast Mount)	$ 2,840.00
110611-EW	Extended Warranty 3100 GPS Radio	$ 426.00
110611CAB	3100 GPS Radio Unit (Cabinet Mount)	$ 2,830.00
110611CAB-EW	Extended Warranty 3100 GPS Radio	$ 424.00
110283-MM	Model 794HM Multimode Emitter	$ 1,031.00
110283-MMEW	Extended Warranty Model 794HM	$ 155.00
110609	MM Vehicle Kit (2100 GPS VCU/Radio, 794HM, Cable & Hdwre)	$ 3,675.00
110609EW	Extended Warranty MM Vehicle Kit	$ 551.00
	GTT Opticom - Transit (Low Priority)	
110269	Model 794T LED Emitter	$ 1,020.00
110269	Model 792T Strobe Emitter	$ 1,020.00
110601	2000 Series GPS Preemption Vehicle Kit	$ 3,192.00
110601EW	Extended Warranty 2000 Series Vehicle Kit	$ 479.00
110283-MM (Low)	Model 794TM Multimode Emitter	$ 1,020.00
110283-MMEW	Extended Warranty Model 794HM	$ 153.00
76-1000-1298-0	4010 Vehicle Computer Kit	$ 1,733.00
76-1000-1282-0	400 2.4 Ghz Radio/GPS Unit	$ 1,050.00
76-1000-1242-0	211 Vehicle Interface Cable W/ Dead Reconing	$ 158.00
	GTT Cable, Mounting & Accessories	
108001	External Mounting Cabinet	$ 512.00
110216A	Model 138 Cable 500 Ft Roll (Per Ft.)	$ 0.68
110216B	Model 138 Cable 1,000 Ft Roll (Per Ft.)	$ 0.68
110216C	Model 138 Cable 2,500 Ft Roll (Per Ft.)	$ 0.73
110605A	GPS Cable 500 Ft Roll (Per Ft.)	$ 1.10
110605	GPS Cable 1,000 Ft Roll (Per Ft.)	$ 1.10
110605C	GPS Cable 2,500 Ft Roll (Per Ft.)	$ 1.10
201011	3/4" Narrow Hub (IR)	$ 13.00
101001	Span Wire Clamp	$ 4.00
201011 (hub)	Mast Arm Mount (GPS)	$ 83.00
110280	Opticom Software Kit Includes RS232 cable	$ 1,025.00
100201	Model 380 Card Rack	$ 172.00
110214	GTT Model 760 Card Rack (Incl. Harness)	$ 302.00
0	760 Card Rack Harness Only	$ 71.00
110284	Remote Code Reader (794 Emitters only)	$ 308.00
PNS10-501610P	Handheld Code Reader (794 Only)	$ 561.00
110282	Serial Comm Cable RS232 (Emitter Programming)	$ 21.00
110270	Y Cable (Emitter Programming)	$ 359.00
0	794/494 & 792/492 Hardware Install Kit	$ 338.00
110271	794/494 & 792/492 Emitter Cable Assy.	$ 82.00
110613	Gps Radio Antenna 1050 White	$ 205.00
110613A	Gps Radio Antenna 1050 Black	$ 205.00
110615	GPS Vehicle Interface Cable	$ 167.00
	GTT Software	
0	CMS Software for Five Intersections	$ 750.00
0	CMS Annual Maintenance for Five Intersections	$ 113.00
0	Analytics Software Setup Charge	$ 7,380.00
0	Analytics Software Per Vehicle	$ 123.00
	GTT Gate Opener Kit	

200201B	721 Gate Opener Kit includes 721 Detector, 462 Phase selector, RTC 380 Card Rack with 100 ft of 138 Cable, Narrow Hub	$ 2,740.00
	GTT Installation and Health Check Labor (CTC)	
CTCINSTALL	GPS Opticom Intersection 5 hours $260 per hour	$ 1,300.00
CTCINSTALL	IR Intersection 4 direction 10 hours $260 per hour	$ 2,600.00
CTCINSTALL	IR Diamond Intersection 12 hours $260 per hour	$ 3,120.00
CTCINSTALL	GPS Diamond Intersection* 5 hours $260 per hour (requires site visit)	$ 1,300.00
CTCINSTALL	IR Emitter Install 4 hours $130 per hour	$ 520.00
CTCINSTALL	GPS/Multimode Vehicle kit 5 hours $130 per hour	$ 650.00
CTCINSTALL	Intelligreen System/RTC System FSW 8 hours $260 per hour	$ 2,080.00
CTCINSTALL	Opticom Initial HealthCheck per Intersection	$ 75.00
CTCINSTALL	Opticom Annual Maintenance per Intersection	$ 230.00
	GTT Canoga	
	GTT Canoga Note: Measurement and Carriers and install need to be included wit any quote of Canoga Microloops	
110330	9004 Four Channel Card (Two Lanes Speed and Length)	$ 675.00
111501	1000 ft Spool Home run cable per FT	$ 0.70
78-8114-5717-1	Installaton Kit 702 Non invasive Microloop	$ 118.00
78-8114-5707-2	Installaton Kit 7002 Non-Invasive Microloop	$ 67.00
78-8118-6123-2	Carrier Package@ 25 Units 702 Non Invasive Microloops	$ 182.00
78-8118-6124-0	Carrier Package@ 50 Units 702 Non Invasive Microloops	$ 364.00
75-0301-3114-0	701-1 Single Microlooop with 75 ft Cable	$ 202.00
75-0301-3115-7	701-1 Single Microlooop with 150 ft Cable	$ 235.00
75-0301-3116-5	701-1 Single Microlooop with 250 ft Cable	$ 278.00
75-0301-3117-3	701-1 Single Microlooop with 500 ft Cable	$ 388.00
75-0301-3118-1	701-1 Single Microlooop with 1000 ft Cable	$ 608.00
75-0301-3119-9	701-2 Double Microlooop with 75 ft Cable	$ 373.00
75-0301-3120-7	701-2 Double Microlooop with 150 ft Cable	$ 406.00
75-0301-3121-5	701-2 Double Microlooop with 250 ft Cable	$ 450.00
75-0301-3122-3	701-2 Double Microlooop with 500 ft Cable	$ 560.00
75-0301-3123-1	701-2 Double Microlooop with 1000 ft Cable	$ 780.00
	Polara Pushbuttons and APS	
	Ped Detection Push Buttons (Std.) Polara Bulldog	
	Bulldog Buttons & Misc	
87-BDL3-Y	Bulldog Button Yellow	$ 75.00
87-BDL3-B	Bulldog Button Black	$ 75.00
871003-014-Y	Bulldog Button Yellow (TS1 Only)	$ 75.00
871003-014-B	Bulldog Button Black (TS1 Only)	$ 75.00
87-BDL3-010-Y	Bulldog Button NO LED Yellow	$ 79.00
87-BDL3-010-B	Bulldog Button NO LED Black	$ 79.00
87-BDL3AL-Y	Bulldog Button Yellow - Left Arrow	$ 86.00
87-BDL3AL-B	Bulldog Button Black - Left Arrow	$ 86.00
87-BDL3AR-Y	Bulldog Button Yellow - Right Arrow	$ 86.00
87-BDL3AR-B	Bulldog Button Black - Right Arrow	$ 86.00
87-BDPM3-Y	Bulldog Pole Universal Mount Yellow	$ 12.00
87-BDPM3-B	Bulldog Pole Universal Mount Black	$ 12.00
87-APBC-Y	Bulldog Pushbutton Cup Aluminum Yellow	$ 12.00
87-APBC-B	Bulldog Pushbutton Cup Aluminum Black	$ 12.00
ie. (87-BDL3CE-Y)	Bulldog One Time Custom Etching Fee (Add CE to Part number)	$ 200.00
87-RBDSP-014-Y-4H	Rectangular Bulldog Button Yellow	$ 81.00
87-RBDSP-014-B-4H	Rectangular Bulldog Button Black	$ 81.00
	Bulldog 5X7	
871011-Y	5x7 Bulldog Button Frame Yellow	$ 39.00
871011-B	5x7 Bulldog Button Frame Black	$ 39.00
87-PBFA9X12-B	5x7 Coversion to 9X12 Bulldog Backplate Black	$ 17.00
87-PBFA9X12-Y	5x7 Coversion to 9X12 Bulldog Backplate Yellow	$ 17.00
87-PBFA9X15-B	5x7 Coversion to 9X15 Bulldog Backplate Black	$ 21.00
87-PBFA9X15-Y	5x7 Coversion to 9X15 Bulldog Backplate Yellow	$ 21.00
87-800-87	5x7 Reversable Sign (Hand Man) Option A	$ 13.00
87-800-88	5x7 Bidirectional Sign (Hand Man) Option A	$ 13.00
87-800-59	5x7 Reversable Sign (Flashing Hand) Option B	$ 15.00

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87-800-63	5x7 Bidirectional Sign (Flashing Hand) Option B	$ 15.00
	Bulldog 9X12	
871012-Y	9X12 Bulldog Button Frame Yellow	$ 56.00
871012-B	9X12 Bulldog Button Frame Black	$ 56.00
871019	9X12 Reversable Sign (Flashing Hand R10-3B) Option U	$ 24.00
87-800-72	9X12 Bidirectional Sign (Flashing Hand R10-3B) Option U	$ 16.00
87-800-67	9X12 Reversable Sign (International) Option D	$ 17.00
87-800-70	9X12 Bidirectional Sign (International) Option D	$ 17.00
87-800-85	9X12 Reversable Sign (Countdown R10-3E) Option C	$ 17.00
87-800-90	9X12 Bidirectional Sign (Countdown R10-3E) Option C	$ 17.00
87-800H-86	9X12 Reversable Sign (MUTCD R10-3) Option V	$ 19.00
87-800H-89	9X12 Bidirectional Sign (MUTCD R10-3) Option V	$ 13.00
	Bulldog 9X15	
87-PBF9X15-Y	9X15 Bulldog Button Frame Yellow	$ 59.00
87-PBF9X15-B	9X15 Bulldog Button Frame Black	$ 59.00
87-800H-84	9X15 Reversable Sign (Countdown R10-3E) Option T	$ 30.00
87-800H-99	9X15 Bidirectional Sign (Countdown R10-3E) Option T	$ 20.00
	Bulldog Push Button Control Units & Accessories	$ -
87-PBCU	Push Button Control Unit A/C Powered	$ 268.00
87-PBCU-DC	Push Button Control Unit D/C Powered	$ 301.00
87-PBCUHK-12	PBCU Hardware Kit 12' Cable (6 and 15 ft discontinued)	$ 72.00
87-BDPM3-B	Bulldog Pole Mount - Black	$ 12.00
87-BDPM3-Y	Bulldog Pole Mount - Yellow	$ 12.00
87-PA-iB	Pelco Poly Adaptor - Black	$ 12.00
87-PA-iY	Pelco Poly Adaptor - Yellow	$ 12.00
87-PBC-B	Push Button Cup - Black	$ 12.00
87-PBC-Y	Push Button Cup - Yellow	$ 12.00
87-PBFE-06	Push Button Frame Pole Extender 6"	$ 87.00
87-PBFE-12	Push Button Frame Pole Extender 12"	$ 95.00
87-PBFS4.5X2-B	PBF Adapter for 2 Frames on one 4.5" Pole (all sizes) Black	$ 78.00
87-PBFS4.5X2-Y	PBF Adapter for 2 Frames on one 4.5" Pole (all sizes) Yellow	$ 78.00
	2 Wire Navigator Control Unit NO LONGER ON PRICE LIST!!!	
87-CCU2EN	CCU (Add Hardware Kit if needed)	$ 2,285.00
87-CCU2EN	CCU Including 6' Cable Hardware Kit	$ 2,518.00
87-CCU2ENHK	CCU Hardware Kit (6' cable)	$ 233.00
87-CCU2ENHK-8	CCU Hardware Kit (8' cable)	$ 243.00
87-CCU2ENHK-12	CCU Hardware Kit (12' cable)	$ 280.00
87-850-186	1st GEN Circuit Board (Replacement Part)	$ 87.00
87-850-317	Latest GEN Circuit Board (Replacement Part)	$ 67.00
87-850-217	CCU Cable Harness Assy (Replacement Part)	$ 167.00
87-850-172	CCU Wall Mount Kit	$ 21.00
	iNS2 (SDLC Connector) 2 Wire Intellegent APS, (Base is always Black)	
87 - ICCU-S2+SDLCCP	ICCU - Shelf Model Including Hardware Kit, Power Supply and ICB	$ 2,335.00
87 - ICCU-C2+SDLCCP	ICCU - Rack Mount Including Hardware Kit, Power Supply and ICB	$ 2,342.00
87 - ICCU-B	ICCU - BIU Model Including Hardware Kit, Power Supply and ICB	$ 2,222.00
87 - ICCU-SHK	ICCU - Shelf Model Hardware Kit Only	$ 239.00
87 - ICCU-CHK	ICCU - Rack Mount Hardware Kit Only	$ 246.00
87 - ICCU-BHK	ICCU - BIU Model Hardware Kit Only	$ 280.00
	iNS (50 Pin connector) 2 Wire Intellegent APS, (Base is always Black)	
87 - ICCU-S+SDLCCP	ICCU - Shelf Model Including Hardware Kit, Power Supply and ICB	$ 2,335.00
87 - ICCU-C+SDLCCP	ICCU - Rack Mount Including Hardware Kit, Power Supply and ICB	$ 2,342.00
87 - ICCU-B	ICCU - BIU Model Including Hardware Kit, Power Supply and ICB	$ 2,222.00
87 - ICCU-SHK	ICCU - Shelf Model Hardware Kit Only	$ 239.00
87 - ICCU-CHK	ICCU - Rack Mount Hardware Kit Only	$ 246.00
87 - ICCU-BHK	ICCU - BIU Model Hardware Kit Only	$ 280.00
	iNS2 APS Miscellaneous	
87-iNS2-SUB	iNS2 Setup box	$ 308.00
cust msg	Custom Message	$ 25.00
Braile	Braile on Plastic Plate with Adhesive Back	$ 40.00
87-Add -NA	No Arrow Button (Sign has arrow)	$ 27.00
87-Add -BD	Bidirectional Button Add On	$ 27.00
87-Add -ES	External Speaker Option (allow 8-10 weeks delivery)	$ 86.00

	iN Button Diaphram Replacement Assemblies	
87-850-372-1	Button Diaphram Right or Left Arrow	$ 23.00
87-850-372-3	Button Diaphram Bidirectional Arrow	$ 33.00
87-850-372-4	Button Diaphram No Arrow	$ 33.00
	iNS2 and iDetect 5X7 Including 800-59 Reversable Sign	
87-iDS25ENO-Y	5X7 iDetect S2 APS Push Button Station Black/Yellow	$ 371.00
87-iDS25ENO-B	5X7 iDetect S2 APS Push Button Station Black/Black	$ 371.00
87-iNS25ANO-Y	5X7 iNS2 APS Push Button Station Black/Yellow	$ 353.00
87-iNS25ANO-B	5X7 iNS2 APS Push Button Station Black/Black	$ 353.00
87-800-59	5x7 Reversable Sign (Flashing Hand) Option B	$ 15.00
87-800-63	5x7 Bidirectional Sign (Flashing Hand) Option B	$ 15.00
87-800H-86	5x7 Reversable Sign (Hand Man) Option A	$ 13.00
87-800H-89	5x7 Bidirectional Sign (Hand Man) Option A	$ 13.00
	iNS2 and iDetect 9X12 Including 800-85 Reversable Sign	
87-iDS29RNO-Y	9X12 iDetect S2 APS Push Button Station Black/Yellow	$ 408.00
87-iDS29RNO-B	9X12 iDetect S2 APS Push Button Station Black/Black	$ 408.00
87-iNS29UNO-Y	9X12 iNS2 APS Push Button Station Black/Yellow	$ 389.00
87-iNS29UNO-B	9X12 iNS2 APS Push Button Station Black/Black	$ 389.00
87-800H-69	9X12 Reversable Sign (Flashing Hand) Option U	$ 24.00
87-800H-72	9X12 Bidirectional Sign (Flashing Hand) Option U	$ 16.00
87-800-85	9X12 Reversable Sign (Countdown) Option C	$ 17.00
87-800-90	9X12 Bidirectional Sign (Countdown) Option C	$ 17.00
	iNS2 and iDetect 9X15 Including 800H-84 Reversable Sign	
87-iDS23RNO-Y	9X15 iDetect S2 APS Push Button Station Black/Yellow	$ 416.00
87-iDS23RNO-B	9X15 iDetect S2 APS Push Button Station Black/Black	$ 416.00
87-iNS23TNO-Y	9X15 iNS2 APS Push Button Station Black/Yellow	$ 397.00
87-iNS23TNO-B	9X15 iNS2 APS Push Button Station Black/Black	$ 397.00
87-800H-84	9X15 Reversable Sign (Countdown) Option C	$ 30.00
87-800H-99	9X15 Bidirectional Sign (Countdown) Option C	$ 20.00
87-87-7YR	Extended Warranty to 7 years (Put a 1 in Quantity Box)	12%
	4 Wire Ped Head Control Unit	
87-PHCU4W	PHCU (Need one per pushbutton)(Add Cable)	$ 206.00
87-850-288-12	PHCU Interconnect Cable 12'	$ 15.00
87-850-288-25	PHCU Interconnect Cable 25'	$ 35.00
87-HK-011	PHCU4W Bracket Kit	$ 7.00
	iNS3 3 Wire Intellegent APS, (Base is always Black)	
	iNS3 APS Miscellaneous	
87-iNS3-SUB	iNS3 Setup box	$ 308.00
cust msg	Custom Message	$ 25.00
Braile	Braile on Plastic Plate with Adhesive Back	$ 40.00
87-Add -NA	No Arrow Button (Sign has arrow)	$ 27.00
87-Add -BD	Bidirectional Button Add On	$ 27.00
87-Add -ES	External Speaker Option (allow 8-10 weeks delivery)	$ 86.00
87-iPHCU3W	Ped Head Control Unit (1 per Push Button)	$ 214.00
87-iNS3-CABLE-12	12' interconnect Cable (1 per Control Unit)	$ 15.00
87-iNS3-CABLE-15	15' interconnect Cable (1 per Control Unit)	$ 31.00
87-iN-DGL	iNAV Bluetooth Dongle	$ 60.00
87-iN-CCK-X	iNAV Color Change Kit (incl lid, exc screws)	$ 87.00
87-iN- 90DEGADPTR-6	90 Degree Reach or Orientation Adaptor - 6 inch	$ 113.00
87-iN- 90DEGADPTR-12	91 Degree Reach or Orientation Adaptor - 12 inch	$ 113.00
	iN Button Diaphram Replacement Assemblies	
87-850-372-1	Button Diaphram Right or Left Arrow	$ 23.00
87-850-372-3	Button Diaphram Bidirectional Arrow	$ 33.00
87-850-372-4	Button Diaphram No Arrow	$ 33.00
	iNS3 and iDetect 5X7 Including 800-59 Reversable Sign	
87-iDS35ENO-Y	5X7 iDetect S2 APS Push Button Station Black/Yellow	$ 365.00
87-iDS35ENO-B	5X7 iDetect S2 APS Push Button Station Black/Black	$ 365.00
87-iNS35ANO-Y	5X7 iNS3 APS Push Button Station Black/Yellow	$ 339.00
87-iNS35ANO-B	5X7 iNS3 APS Push Button Station Black/Black	$ 339.00
87-800-59	5x7 Reversable Sign (Flashing Hand) Option B	$ 15.00
87-800-63	5x7 Bidirectional Sign (Flashing Hand) Option B	$ 15.00
87-800H-86	5x7 Reversable Sign (Hand Man) Option A	$ 13.00
87-800H-89	5x7 Bidirectional Sign (Hand Man) Option A	$ 13.00

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	iNS3 and iDetect 9X12 Including 800-85 Reversable Sign	
87-iDS39RNO-Y	9X12 iDetect S2 APS Push Button Station Black/Yellow	$ 401.00
87-iDS39RNO-B	9X12 iDetect S2 APS Push Button Station Black/Black	$ 401.00
87-iNS39UNO-Y	9X12 iNS3 APS Push Button Station Black/Yellow	$ 375.00
87-iNS39UNO-B	9X12 iNS3 APS Push Button Station Black/Black	$ 375.00
87-800H-69	9X12 Reversable Sign (Flashing Hand) Option U	$ 24.00
87-800H-72	9X12 Bidirectional Sign (Flashing Hand) Option U	$ 16.00
87-800-85	9X12 Reversable Sign (Countdown) Option C	$ 17.00
87-800-90	9X12 Bidirectional Sign (Countdown) Option C	$ 17.00
	iNS3 and iDetect 9X15 Including 800H-84 Reversable Sign	
87-iDS33RNO-Y	9X12 iDetect S2 APS Push Button Station Black/Yellow	$ 411.00
87-iDS33RNO-B	9X12 iDetect S2 APS Push Button Station Black/Black	$ 411.00
87-iNS33TNO-Y	9X15 iNS3 APS Push Button Station Black/Yellow	$ 383.00
87-iNS33TNO-B	9X15 iNS3 APS Push Button Station Black/Black	$ 383.00
87-800H-84	9X15 Reversable Sign (Countdown) Option C	$ 30.00
87-800H-99	9X15 Bidirectional Sign (Countdown) Option C	$ 20.00
	Ped Detection Push Buttons (APS) Polara Navigator	
	APS Miscellaneous	
87-ECONFIG	EZ Comm Configurator	$ 295.00
cust msg	Custom Message	$ 25.00
Braile	Braile on Plastic Plate with Adhesive Back	$ 40.00
87-Add -NA	No Arrow Button (Sign has arrow)	$ 27.00
87-850-275	Preemtion Adapter for Opticom 500 or 700 series	$ 129.00
87-850-390	Custom Cable Harness Assemblyin CCU2ENHK-8(Cable #3, 8' for P\reemption	$ 177.00
87-NPA4X2-X	Pole Adapter for two 9x12 or 9x15 Navs on one pole	$ 85.00
87-NPA-B-FP	Pole Adapter for Fluted Pole (Black only)	$ 60.00
87-EZ523-06	Navigator Pole Extender 6" (Galvanized Only)	$ 87.00
87-EZ523-12	Navigator Pole Extender 12" (Galvanized Only)	$ 95.00
	Navigator 5X7 Including 800-59 Reversable Sign	
87-EN25BNO-Y	5X7 Navigator Button (2 Wire) Yellow/Black	$ 340.00
87-EN25BNO-PY	5X7 Navigator Button (2 Wire) Yellow/Yellow	$ 367.00
87-EN25BNO-B	5X7 Navigator Button (2 Wire) Black/Black	$ 340.00
87-EN45BNO-Y	5X7 Navigator Button (4 Wire) Yellow/Black	$ 340.00
87-EN45BNO-PY	5X7 Navigator Button (4 Wire) Yellow/Yellow	$ 367.00
87-EN45BNO-B	5X7 Navigator Button (4 Wire) Black/Black	$ 340.00
87-800-59	5x7 Reversable Sign (Flashing Hand) Option B	$ 15.00
87-800-63	5x7 Bidirectional Sign (Flashing Hand) Option B	$ 15.00
87-800H-86	5x7 Reversable Sign (Hand Man) Option A	$ 13.00
87-800H-89	5x7 Bidirectional Sign (Hand Man) Option A	$ 13.00
	Navigator 9X12 Including 800-85 Reversable Sign	
87-EN29CNO-Y	9X12 Navigator Button (2 Wire) Yellow/Black	$ 375.00
87-EN29CNO-PY	9X12 Navigator Button (2 Wire) Yellow/Yellow	$ 402.00
87-EN29CNO-B	9X12 Navigator Button (2 Wire) Black/Black	$ 375.00
87-EN49CNO-Y	9X12 Navigator Button (4 Wire) Yellow/Black	$ 375.00
87-EN49CNO-PY	9X12 Navigator Button (4 Wire) Yellow/Yellow	$ 402.00
87-EN49CNO-B	9X12 Navigator Button (4 Wire) Black/Black	$ 375.00
87-800H-69	9X12 Reversable Sign (Flashing Hand) Option U	$ 24.00
87-800H-72	9X12 Bidirectional Sign (Flashing Hand) Option U	$ 16.00
87-800-85	9X12 Reversable Sign (Countdown) Option C	$ 17.00
87-800-90	9X12 Bidirectional Sign (Countdown) Option C	$ -
	Navigator 9X15 Including 800H-84 Reversable Sign	
87-EN23TNO-Y	9X15 Navigator Button (2 Wire) Yellow/Black	$ 383.00
87-EN23TNO-PY	9X15 Navigator Button (2 Wire) Yellow/Yellow	$ 409.00
87-EN23TNO-B	9X15 Navigator Button (2 Wire) Black/Black	$ 383.00
87-EN43TNO-Y	9X15 Navigator Button (4 Wire) Yellow/Black	$ 383.00
87-EN43TNO-PY	9X15 Navigator Button (4 Wire) Yellow/Yellow	$ 409.00
87-EN43TNO-B	9X15 Navigator Button (4 Wire) Black/Black	$ 383.00
87-800H-84	9X15 Reversable Sign (Countdown) Option C	$ 30.00
87-800H-99	9X15 Bidirectional Sign (Countdown) Option C	$ 20.00
	Model X Pedestrian Crossing	
	INX (No Controller Required)	
87-iNX9WNO-Y	9X12 APS Push Button Station Black/Yellow	$ 375.00
87-iNX9WNO-B	9X12 APS Push Button Station Black/Black	$ 375.00
87-iDX9WNO-Y	9X12 iDetect APS Push Button Station Black/Yellow	$ 401.00
87-iDX9WNO-B	9X12 iDetect APS Push Button Station Black/Black	$ 401.00

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	Ped Signals (Countdown)	
	Ped Heads	
190006	Ped Head Poly Yellow	$ 55.00
190109	Ped Head Aluminum Yellow drilled Left	$ 90.00
191106	Ped Head Poly Black	$ 55.00
191109	Ped Head Alum Black drilled left	$ 90.00
	Ped Heads with Clamshells	
190110	16" Ped Head Aluminum Yellow with Clamshell	$ 146.00
191110	16" Ped Head Aluminum Black With Clamshell	$ 143.00
	Clamshells	
190006C	Aluminum Clamshell Yellow	$ 56.00
191109C	Aluminum Clamshell Black	$ 53.00
	Astro Bracs for Ped Heads	
20AS-0157-96	1W Ped Head (96" Cable)	$ 155.00
20AS-0158-96	2W Ped Head (96" Cable)	$ 256.00
0	Paint Adder For Assy (Add Color code Pxx)	$ 21.00
	Leotek LED's for Ped Heads	
821002-IL-TXD	16" Countdown Ped	$ 143.00
821002 48V	16" Countdown Ped (48 Volt DC)	$ 137.00
	Ped Pole Assembly (Greater than 5' Pole)	
	Anchors, Poles, Bases and Collars	
201018	Anchor Bolts	$ 33.00
20PB-5364	4" Screw in Anchor	$ 284.00
300008	8" Screw in Anchor	$ 492.00
201502	Square Base	$ 146.00
Paint Adder	Paint for Base	$ 26.00
PB-5303-PNC	2 Piece Dec Cover	$ 129.00
20PB-5378	Grounding Lug PB-5378-BRS	$ 16.00
PNS-10-501312GR	Grounding Rod with Clamp and Wire	$ 46.00
201020	Collar	$ 62.00
PB-5325-PXX	Collar Paint	$ 10.00
PB-5325-PXX	Painted Collar	$ 72.00
201001	10' Aluminum Pole	$ 191.00
201001B	10' Aluminum Pole (Paint)	$ 225.00
PB-5100-11-PNC	11' Aluminum Pole	$ 210.00
PB-5100-11-PXX	11' Aluminum Pole (Paint)	$ 248.00
201022	12' Aluminum Pole	$ 236.00
201022B	12' Aluminum Pole (Paint)	$ 277.00
201043-13	13' Aluminum Pole	$ 255.00
201524	14' Aluminum Pole	$ 266.00
201043	15' Aluminum Pole	$ 286.00
201043B	15' Aluminum Pole (Paint)	$ 337.00
201043-16	16' Aluminum Pole	$ 304.00
201043-17	17' Aluminum Pole	$ 334.00
201043-18	18' Aluminum Pole	$ 352.00
201071	20' Aluminum Pole	$ 379.00
PB-5200-10-GLV	Steel Pole 10'	$ 196.00
PB-5201-10-PXX	Steel 10' Pole (Paint)	$ 230.00
201041-15	Steel 15' Pole	$ 315.00
PB-5200-15-GLV-PXX	Steel 15' Pole (Paint)	$ 366.00
201007	Cap	$ 11.00
PB-5402-PNC	Cap-Painted	$ 18.00
Paint Adder	Paint for pole (per ft)	$ 3.00
	Ped Pushbutton Pole (5' or Less Pole)	
	Anchors, Poles, Bases and Collars	
201018	Anchor Bolts	$ 33.00
20PB-5364	4" Screw in Anchor	$ 284.00
300008	8" Screw in Anchor	$ 492.00
201502	Square Base	$ 146.00
Paint Adder	Paint for Base	$ 26.00
PB-5303-PNC	2 Piece Dec Cover	$ 129.00
20PB-5378	Grounding Lug PB-5378-BRS	$ 16.00
PNS-10-501312GR	Grounding Rod with Clamp and Wire	$ 46.00
201020	Collar	$ 62.00
PB-5325-PXX	Collar Paint	$ 10.00

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PB-5325-PXX	Painted Collar	$	72.00
201120-4	4' Aluminum Pole	$	86.00
201043-5	5' Aluminum Pole	$	97.00
PB-5200-04-GLV	Steel 4' Pole	$	92.00
PB-5201-05-GLV	Steel 5' Pole	$	117.00
PB-5201-05-PXX	Steel 5' Pole (paint)	$	133.00
201007	Cap	$	11.00
Paint Adder	Cap-Painted	$	18.00
Paint Adder	Paint for pole (per ft)	$	3.00
	Polara Installion Labor (CTC)		
CTCINSTALL	APS Install (8 Navigators and CCU,No Wire Pulling) 8 Hours $125 per hour	$	1,000.00
CTCINSTALL	APS Install (8 Navigators and CCU,With Wire Pulling) 8 Hours $125 per hour and 8 hours $210	$	2,680.00
CTCINSTALL	15' Pole Installation – Screw in Anchor or Bolts 4 Hours $260 per hour	$	1,040.00
	MH Corbin Traffic Counters & Measuring Equip		
	NC350 Traffic Analyzers		
121877-350	Portable Traffic Analyzer NC350 Includes: Manual, Battery Charger w/US Plug	$	1,295.00
121877COVER	Protective Cover	$	165.00
121877CABLE	Interface Cable Assembly - USB	$	190.00
121877-300SFT	Highway Data Management Software (HDM -Full Verison)	$	1,100.00
70700052	Highway Data Management Software (HDM -Full Verison, Discounted if customer has previous version)	$	450.00
90300204	Poly Bags - Protective (package of 100)	$	35.00
70002031	Protective Cover Installation Kit- ASPHALT (Includes: 500 washers, screws, 5 bits)	$	380.00
70002030	Protective Cover Installation Kit- CONCRETE (Includes: 500 washers, screws, 5 bits)	$	350.00
121877CHARGER	Charger, NC300/NC200, 110 VAC, US Plug	$	55.00
60002100	Charger, NC300/NC200, 220 VAC, Euro Plug	$	55.00
121877BATERY	NC200 Replacement Battery	$	150.00
660101	Tapecoat Roll (12 inches x 150 feet)	$	374.00
	Nitestar Distance Measuring Equipment		
120659	GPS-DMI Pro (Includes GPS Unit, OBDII Cable, Display Cable, Garmin Antenna, Velcor Carrying Case)	$	995.00
120657	NS-50 NiteStar Distance Measuring Instrument	$	405.00
120668	NS-60 NiteStar Distance Measuring Instrument (RS-232 Port to connect to GPS)	$	560.00
120657-SS10	SS-10 Electronic Interface	$	208.00
120657-CABLEKIT	SS10 Standard Cable Kit (Includes: Sensor to NS Cable, and Sensor to Vehicle Cable. " Standard "Cables)	$	70.00
120608	1082 Wheel Proximity Sensor	$	175.00
120608	1082F Wheel Proximity Sensor with U-Bolt	$	180.00
70004150	1030 Wiring Harness, to be used with the proximity sensor (Includes: Wiring Harness, Terminal Block, Fuse, etc.)	$	60.00
120655	OBD-II Interface Adapter DMI VDT Accessory	$	465.00
120615	NS-50/60 Mounting Bracket	$	38.00
70004065	1080 Transmission Sensor	$	145.00
120611	Target Kit (10 Targets) Use with 1084 Proximity Sensor	$	95.00
120658	Survey Data Management Software (SDM) Package on CD.	$	465.00
120653	RS-232 Cable 1023, needed for use with SDM Software	$	40.00
	Etherwan Ethernet Switches		
	Managed Hardened Switches:		
EG97244-4VCR	Hardened (-40°C - 75°C) Managed 28 Port Layer 3 Ethernet Switch, 28 GE Ports (8 GE RJ45 + 16 GE 100/1000 SFP Ports) + 4 1G/10G SFP+ Ports, Rack Mount, Redundant Internal Universal 100-240VAC Power Supply, IEC Power Connector	$	11,020.00
EX71802-0VB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 8 10/100TX Ports + 2 Gigabit SFP Slots. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	1,134.00
EX73921-0VB	Hardened (-40°C - 75°C) Managed 12 Port LL3 Gigabit Ethernet Switch with 8 GE Ports + 4 1000Base SFP ports. DIN RAIL Mount, Terminal Block Power Input 12 - 48VDC, power supply sold separately. (LL3 - Light Layer 3 Option Available)	$	1,679.00

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EX73922E-0VB	Hardened (-40°C - 75°C) Managed LL3 Gigabit Ethernet Switch with 8 Gigabit Ethernet Ports + 2 100/1000Base SFP ports. DIN-Rail Mount, Terminal Block Redundant Power Input 12-48VDC, power supply sold separately.	$ 1,299.00
EX73922E-0VB-CC	Hardened (-40°C - 75°C) Managed LL3 Gigabit Ethernet Switch with 8 Gigabit Ethernet Ports + 2 100/1000Base SFP ports. DIN-Rail Mount, Terminal Block Redundant Power Input 12-48VDC, power supply sold separately. (With Conformal Coating)	$ 1,749.00
EX73924E-0VB	Hardened (-40°C - 75°C) Managed LL3 Gigabit Ethernet Switch with 8 Gigabit Ethernet Ports + 4 100/1000Base SFP ports. DIN-Rail Mount, Terminal Block Redundant Power Input 12-48VDC, power supply sold separately.	$ 1,399.00
EX73931-0VB	Hardened (-40°C - 75°C) Managed 16 Port LL3 Gigabit Ethernet Switch with 12 GE Ports + 4 1000Base SFP ports. DIN RAIL Mount, Terminal Block Power Input 12 - 48VDC, power supply sold separately. (LL3 - Light Layer 3 Option Available)	$ 1,941.00
EX77064-V0VC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 24 100FX Fiber Ports + 4 Gigabit / SFP Combo Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$ 3,045.00
EX75960-0VTU	Hardened (-40°C - 75°C) Managed Ethernet Switch, 24 10/100/1000BASE-TX 802.3bt PoE ports + 4 1G SFP Ports. Rack Mount, Terminal Block 52-57VDC Redundant Power Inputs.	$ 2,749.00
EX75964-0VTU	Hardened (-40°C - 75°C) Managed Ethernet Switch, 24 10/100/1000BASE-TX 802.3bt PoE ports + 4 1G/10G SFP+ Ports. Rack Mount, Terminal Block 52-57VDC Redundant Power Inputs.	$ 2,999.00
EX77244-V0VC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 8 Port 10/100 + 16 100FX Fiber Ports + 4 Gigabit / SFP Combo Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$ 2,913.00
EX77244-V0VCR	Hardened (-40°C - 75°C) Managed Ethernet Switch, 8 Port 10/100 + 16 100FX Fiber Ports + 4 Gigabit / SFP Combo Ports. Rack Mount with Redundant Internal Universal Power Supply, 90VAC-264VAC.	$ 3,333.00
EX77424-V0VC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 16 Port 10/100 + 8 100FX Ports + 4 Gigabit / SFP Combo Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$ 2,779.00
EX77424-V0VCR	Hardened (-40°C - 75°C) Managed Ethernet Switch, 16 Port 10/100 + 8 100FX Ports + 4 Gigabit / SFP Combo Ports. Rack Mount with Redundant, Internal, Universal Power Supply, 90VAC-264VAC.	$ 2,989.00
EX77604-00VC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 24 Port 10/100 + 4 Gigabit/SFP Combo Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$ 2,646.00
EX77604-00VCR	Hardened (-40°C - 75°C) Managed Ethernet Switch, 24 Port 10/100 + 4 Gigabit/SFP Combo Ports. Rack Mount with Redundant Internal Universal Power Supplies, 90VAC-264VAC.	$ 2,909.00
EX77964-8VB	16-port 10/100/1000BASE-TX +8-port 100/1000BASE SFP Combo +4-port 1G/10G SFP+ Hardened Managed Ethernet Switch (12-24VDC) Depth of 254mm allows for installation in smaller enclosures (LL3 - Light Layer 3 Option Available)	$ 3,623.00
EX77964-8VW	Hardened (-40°C - 75°C) Managed 28 Port LL3 Gigabit Ethernet Switch, 24 GE Ports (16 GE RJ45 + 8 GE Combo SFP Ports) + 4 1G/10G SFP+ Ports, Rack Mount, Internal Universal 90-260VAC Power Supply, Terminal Block Power Connector (LL3 - Light Layer 3 Option Available)	$ 3,938.00
EX77964-8VWR	Hardened (-40°C - 75°C) Managed 28 Port LL3 Giagbit Ethernet Switch, 24 GE Ports (16 GE RJ45 + 8 GE Combo SFP Ports) + 4 1G/10G SFP+ Ports, Rack Mount, Redundant Internal Universal 90-260VAC Power Supply, Terminal Block Power Connector (LL3 - Light Layer 3 Option Available)	$ 4,043.00
EX78162-0VB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 16 10/100 PoE Ports + 2 Gigabit Ports, 802.3at 30W PoE available on all Ports, Rear Mount Terminal Block Power Input 48VDC - 57VDC. 240W	$ 2,625.00
EX78921-0VB	Hardened (-40°C - 75°C) Managed LL3 Gigabit Ethernet PoE Switch with 12 Gigabit Ports, (8 GE PoE+ 60W) + 4 GE Non PoE + 4 1000Base SFP ports. IEEE802.3at 60W on Ports 1-8 with 240W PoE power budget. DIN RAIL Mount, Terminal Block Power Input 52VDC - 57VDC, power supply sold separately. (LL3 - Light Layer 3 Option Available) 240W	$ 2,046.00
EX78924E-0VB	Hardened (-40°C - 75°C) Managed LL3 Gigabit Ethernet PoE Switch with 8 Gigabit PoE Ports + 4 100/1000Base SFP ports. IEEE802.3bt 60W on 4 ports with 240W PoE power budget. DIN-rail mount, Terminal Block Redundant Power Input 52-57VDC, power supply sold separately.	$ 1,699.00

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EX78924E-0VB-CC	Hardened (-40°C - 75°C) Managed LL3 Gigabit Ethernet PoE Switch with 8 Gigabit PoE Ports + 4 100/1000Base SFP ports. IEEE802.3bt 60W on 4 ports with 240W PoE power budget. DIN-rail mount, Terminal Block Redundant Power Input 52-57VDC, power supply sold separately. Conformal Coating, 50pcs minimum	$ 2,124.00
EX78931-0VB	Hardened (-40°C - 75°C) Managed LL3 Gigabit Ethernet PoE Switch with 12 Gigabit Ports (8 PoE+ 60W & + 4 GE Non PoE) + 4 1000Base SFP ports. IEEE802.3at 60W on Ports 1-8 with 240W PoE power budget. DIN RAIL Mount, Terminal Block Power Input 52VDC - 57VDC, power supply sold separately. (LL3 - Light Layer 3 Option Available) 240W	$ 2,361.00
EX78934E-0VB	Hardened (-40°C - 75°C) Managed LL3 Gigabit Ethernet PoE Switch with 12 Gigabit PoE Ports + 4 100/1000Base SFP ports. IEEE802.3bt 60W on 4 ports with 240W PoE power budget. DIN-rail mount, Terminal Block Redundant Power Input 52-57VDC, power supply sold separately.	$ 1,849.00
EX78934E-0VB-CC	Hardened (-40°C - 75°C) Managed LL3 Gigabit Ethernet PoE Switch with 12 Gigabit PoE Ports + 4 100/1000Base SFP ports. IEEE802.3bt 60W on 4 ports with 240W PoE power budget. DIN-rail mount, Terminal Block Redundant Power Input 52-57VDC, power supply sold separately. Conformal Coating, 50pcs minimum	$ 2,311.00
	Hardened Unmanaged Switches:	
EX41922	Hardened (-40°C to 75°C) Unmanaged 4 10/100/1000BaseX port Ethernet switch, 2 Gigabit RJ45 + 2 Dual Rate 100/1000 SFP ports. Din-Rail Mount, Redundant 12-48VDC Power Input, Port Fault & Power Failure Alarm Relay.	$ 329.00
EX41922-T	Hardened (-40°C to 75°C) Unmanaged 4 port Ethernet switch, 2 802.3at PoE Gigabit ports + 2 Dual Rate 100/1000 SFP ports. 60W PoE Power Budget, Din-Rail Mount, Redundant 12-48VDC Power Input, Port Fault & Power Failure Alarm Relay. 60W	$ 415.00
EX42305	5 Port Hardened (-40°C - 75°C) PoE+ Ethernet Switch 4 10/100 BaseT 802.3at PoE Ports + 1 Gigabit Port, 120W PoE Power Budget, DIN Rail Mounting , Supports QoS, EEE, 24/48VDC Terminal Block Power Input, Power supply sold separately. 120W	$ 625.00
EX42315-3	6 Port Hardened (-40°C - 75°C) PoE+ Ethernet Switch 4 10/100 BaseT 802.3at PoE Ports + 1 Gigabit RJ45 Port + 1 Fiber Port, 120W PoE Power Budget, DIN Rail Mounting , Supports QoS, EEE, 24/48VDC Terminal Block Power Input, Power supply sold separately. 120W	$ 793.00
EX42315-V	6 Port Hardened (-40°C - 75°C) PoE+ Ethernet Switch 4 10/100 BaseT 802.3at PoE Ports + 1 Gigabit RJ45 Port + 1 SFP Port, 120W PoE Power Budget, DIN Rail Mounting , Supports QoS, EEE, 24/48VDC Terminal Block Power Input, Power supply sold separately. 120W	$ 693.00
EX42315-4	6 Port Hardened (-40°C - 75°C) PoE+ Ethernet Switch 4 10/100 BaseT 802.3at PoE Ports + 1 Gigabit RJ45 Port + 1 Fiber Port, 120W PoE Power Budget, DIN Rail Mounting , Supports QoS, EEE, 24/48VDC Terminal Block Power Input, Power supply sold separately. 120W	$ 887.00
EX42315-A	6 Port Hardened (-40°C - 75°C) PoE+ Ethernet Switch 4 10/100 BaseT 802.3at PoE Ports + 1 Gigabit RJ45 Port + 1 Fiber Port, 120W PoE Power Budget, DIN Rail Mounting , Supports QoS, EEE, 24/48VDC Terminal Block Power Input, Power supply sold separately. 120W	$ 887.00
EasyLink-300-US	Wireless Bridge Kit - Contains two paired Wireless Bridge Units, 2 x 24VDC, 1.5A Power Supplies, 2 x Passive PoE Injectors and 2 x Mounting Kits. 300Mbps, Hardened (-40C - +70C). Supports 6VDC to 30VDC Passive PoE	$ 379.00
EX42395BT	6 Port Hardened (-40°C - 75°C) PoE+ Ethernet Switch 4 10/100/1000 BaseT 802.3bt PoE Ports + 1 Combo Gigabit RJ45/SFP Port + 1 Gigabit SFP Port, 240W PoE Power Budget, DIN Rail Mounting, 52-56VDC Terminal Block Power Input, Power supply sold separately.	$ 499.00
INJ90BT-24	Hardened (-40°C - 75°C) Gigabit PoE Injector with 802.3bt PoE, 90W Power Output, DIN Rail Mounting, 24-56VDC Terminal Block Power Input, Power supply sold separately.	$ 249.00
EX94006-00-1-AA	Hardened (-40°C ~ 75°C) Unmanaged 6-port 10/100BASE-TX Ethernet Switch. DIN Rail Mount, Terminal Block with Alarm Relay (12~48VDC) Power Input, Power Supply sold Separately.	$ 887.00
EX94008-00-1-AA	Hardened (-40°C ~ 75°C) Unmanaged 8-port 10/100BASE-TX Ethernet Switch. DIN Rail Mount, Terminal Block with Alarm Relay (12~48VDC) Power Input, Power Supply sold Separately.	$ 284.00
	Media Converters:	
EL900-A-B-1-A	Hardened (-40°C - 75°C) 1 10/100TX port to 1 100FX Fiber port Media Converter. Din Rail or Panel Mount. Terminal Block Power Connector (10VDC - 48VDC) Complies with U/L 1604	$ 252.00
EL900-A-B-1-C	Hardened (-40°C - 75°C) 1 10/100TX port to 1 100FX Fiber port Media Converter. Din Rail or Panel Mount. 24 VAC Terminal Block Power, Complies with U/L 1604	$ 278.00
EL900-A-N-1-A	Hardened (-40°C - 75°C) 1 10/100TX port to 1 100FX Fiber port Media Converter. Din Rail or Panel Mount. Terminal Block Power Connector (10VDC - 48VDC) Complies with U/L 1604	$ 378.00
EL900-A-O-1-A	Hardened (-40°C - 75°C) 1 10/100TX port to 1 100FX Fiber port Media Converter. Din Rail or Panel Mount. Terminal Block Power Connector (10VDC - 48VDC) Complies with U/L 1604	$ 515.00
	Ethernet Extenders	

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ED3501-U	Industrial (-10°C - 60°C) VDSL2 Ethernet Extender with 1 10/100TX Port to 1 Pair of straight or twisted copper wire. Shelf, Panel or Chassis Mount, Power Supply Included 100 VAC - 240VAC.	$ 314.00
ED3541	Hardened (-40°C - 75°C) VDSL2 Ethernet Extender with 1 10/100TX Port to 1 Pair of straight or twisted copper wire. Din Rail or Panel Mount. Terminal Block power connector, power input range 12 - 48VDC.	$ 478.00
ED3575-622	Hardened (-40°C - 75°C) Managed Switch with 2 VDSL2 Ethernet Extender ports. 6 10/100TX, + Gigabit SFP Combo + 2 Copper Pair VDSL2 Ports. Din Rail or Panel Mount. Terminal Block power connector, redundant 12 - 48VDC power input.	$ 1,775.00
	Conformal Coating (-CC)	
Conformal Coating Option	A -CC at the end of any hardened switch, media converter or extender indicates that this model shall have the PCB conformal coated with moisture and fungus resistant coating. Orders or less than 30 units of the same model will require the Conformal Coating Setup Fee of $500	$ 100.00
Conformal Coating - Setup	Conformal Coating setup fee - fee is waived for orders of 30 or more units of the same model.	$ 500.00
	Power Supplies:	
DR-30-24	Power Supply, (-10C - +60C) 30 Watts 24VDC Output Industrial DIN-Rail Power Supply	$ 42.00
DR-60-24	Power Supply, (-10C - +60C) 60 Watts 24VDC Output Industrial DIN-Rail Power Supply	$ 63.00
DR-75-48	Power Supply, (-10C - +60C) 75 Watts 48VDC Output Industrial DIN-Rail Power Supply	$ 89.00
EDR-75-24	Power Supply, (-20C - +60C) 75 Watts 24VDC Output Industrial DIN-Rail Power Supply	$ 89.00
EDR-75-48	Power Supply, (-20C - +60C) 75 Watts 48VDC Output Industrial DIN-Rail Power Supply	$ 89.00
EX41-145044-1	Power Supply, Hardened (-40C - +75C) External 100-240 VAC Input; TS2 rated; has DC Jack for DC Power Connection - 45W, 12VDC, 0-3.7A	$ 100.00
EX41-145046-1	Power Supply, Hardened (-40C - +75C) External, TS2 rated; Input Rating - 90-264VAC (47-63Hz), Output Rating 45W, 12VDC, 0-3.7A	$ 100.00
MDR-40-48	Power Supply, Industrial (-20C - +70C) External 100-240VAC Input, TS2 Rated, 48VDC Output @ 20W.	$ 50.00
NDR-120-48	-20 ~ +60C Input: 90-264VAC, Output: 48VDC 120W/2.5A DIN-Rail 48VDC Industrial Power Supply	$ 104.00
NDR-240-48	-20 ~ +60C Input: 90-264VAC Output: 48VDC 240W/5A DIN-Rail 48VDC Industrial Power Supply	$ 168.00
SDR-120-48	Power Supply, (-25°C - 60°C) 120 Watts 48VDC Output Industrial DIN-Rail Power Supply	$ 152.00
SDR-240-48	Industrial (-25C - +70C) 240W Power Supply, Input: 90VAC - 260VAC, Output: 48VDC @ 5 A, DIN Rail Mount, Terminal Block Connections	$ 226.00
	SFP Modules:	
EX-0155NSP-MB2L-A	SFP Module, Hardened (-40C - +75C) 100FX 2KM 1310nm	$ 158.00
EX-0155TSP-MB5L-A	SFP Module, Hardened (-40C - +75C) 100FX SFP SM 15KM, LC Connector	$ 313.00
EX-0155TSP-MB6L-A	SFP Module, Hardened (-40C - +75C) 100FX SFP SM 40KM	$ 368.00
EX-1250NSP-SB1L-AS	SFP Module, Hardened (-40C - +75C) Gigabit	$ 152.00
EX-1250TSP-MB2L-AS	SFP Module, Hardened (-40C - +75C) Gigabit MM 2Km 1310nm (Duplex LC)	$ 268.00
EX-1250TSP-MB4L-AS	SFP Module, Hardened (-40C - +75C) Gigabit, Gigabit SM 10KM, LC Connector	$ 224.00
EX-1250TSP-MB5L-AS	SFP Module, Hardened -40 to 85°C/-40 to 185°F), Gigabit SM 20KM (2 LC)	$ 379.00
EX-LS38-C3L-TI-N-EB	SFP Module, Hardened -40 to 85°C/-40 to 185°F, Gigabit SM 40KM (2 LC), DDM, 1310nm	$ 541.00
EX-LS48-C3U-TI-N-EB	SFP Module, Hardened -40 to 85°C/-40 to 185°F, Gigabit SM 70KM (2 LC), DDM, 1550nm	$ 741.00

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SFPTIS10M	SFP Module, Hardened -40 to 85°C/-40 to 185°F, 10-Gigabit SM 10KM (2 LC), DDM, 1310nm	$ 945.00
SFPTIS20M	SFP Module, Hardened -40 to 85°C/-40 to 185°F, 10-Gigabit SM 20KM (2 LC), DDM, 1310nm	$ 998.00
	Wireless:	
EW75200-0804	Hardened (-40°C - 70°C) Managed IP67 Dual Band 802.11ac, Wireless Bridge/Access Point with 5GHz/8dBi Omni Directional Antenna and 2.4GHz/4dBi Omni Directional Antenna. Powered by 802.3af/at PoE	$ 1,364.00
EW75200-1304	Hardened (-40°C - 70°C) Managed IP67 Dual Band 802.11ac, Wireless Bridge/Access Point with 5GHz/13dBi Internal Panel Antenna and 2.4GHz/4dBi Omni Directional Antenna. Powered by 802.3af/at PoE	$ 1,311.00
EW75000-08	Hardened (-40°C - 70°C) Managed IP67 Single Band 802.11ac, Wireless Bridge/Access Point with 5GHz/8dBiOmni Directional Antenna. Powered by 802.3af/at PoE	$ 1,095.00
EW75000-13	Hardened (-40°C - 70°C) Managed IP67 Single Band 802.11ac, Wireless Bridge with 5GHz/13dBi Internal Panel Antenna. Powered by 802.3af/at PoE	$ 996.00
	Cellular Routers and Accessories:	
C4G-M-4P3M	C4G-M-4P3M-PS LTE Router with integrated: LTE-A (CAT6 300M / 50M), GPS/GNSS, 4 x 10/100/1000 RJ45 Ethernet, USB-C Port, RS232, GPIO, IGN (ignition sense pin), 2 x Digital Inputs, Alarm Relay, RS485 half-duplex, IP54 enclosure. North American power adapter included.	$ 1,013.00
C4G-M-4P3MW	C4G-M-4P3MW-PS LTE Router with integrated: LTE-A (CAT6 300M / 50M), GPS/GNSS, Wireless LAN (2.4/5 GHz), 4 x 10/100/1000 RJ45 Ethernet, USB-C Port, RS232, GPIO, IGN (ignition sense pin), 2 x Digital Inputs, Alarm Relay, RS485 half-duplex, IP54 enclosure. North American power adapter included.	$ 1,166.00
C4G-M-4P6FW	C4G-M-4P6FW-PS FirstNet Ready LTE Router with integrated: LTE-A PRO (CAT12 600M with B14 NA support), GPS/GNSS, Wireless LAN (2.4/5 GHz), 4 x 10/100/1000 RJ45 Ethernet, USB-C Port, RS232, GPIO, IGN (ignition sense pin), 2 x Digital Inputs, Alarm Relay, 485 half-duplex, IP54 enclosure. North American power adapter included.	$ 1,785.00
C4G-M-4P6M	C4G-M-4P6M-PS LTE Router with integrated: LTE-A PRO (CAT12 600M / 150M), GNSS, 4 x 10/100/1000 RJ45 Ethernet, USB-C Port, RS232, GPIO, IGN (ignition sense pin), 2 x Digital Inputs, Alarm Relay, RS485 half-duplex, IP54 enclosure. North American power adapter included.	$ 1,279.00
C4G-M-4P6MW	C4G-M-4P6MW-PS LTE Router with integrated: LTE-A PRO (CAT12 600M / 150M), GPS/GNSS, Wireless LAN (2.4/5 GHz), 4 x 10/100/1000 RJ45 Ethernet, USB-C Port, RS232, GPIO, IGN (ignition sense pin), 2 x Digital Inputs, Alarm Relay, RS485 half-duplex, IP54 enclosure. North American power adapter included.	$ 1,433.00
C4G-PSU-AU	1 x PSU 12 VDC / 2 A with 4 pin Molex connector, 1.8m / 6ft cable and AUS wall plug for C4G Desktop Router product lines.	$ 49.00
C4G-PSU-EU	1 x PSU 12 VDC / 2 A with 4 pin Molex connector, 1.8m / 6ft cable and Euro wall plug for C4G Desktop Router product lines.	$ 49.00
C4G-PSU-UK	1 x PSU 12 VDC / 2 A with 4 pin Molex connector, 1.8m / 6ft cable and UK wall plug for C4G Desktop Router product lines.	$ 49.00
C4G-PSU-US	1 x PSU 12 VDC / 2 A with 4 pin Molex connector, 1.8m / 6ft cable and NA wall plug for C4G Desktop Router product lines.	$ 49.00
C4G-PSU-US-H	Power Supply, Hardened (-40C - +75C) External, TS2 rated; Input Rating - 90-264VAC (47-63Hz), Output Rating 45W, 12VDC, 0-3.7A for C4G Desktop Router product lines.	$ 99.00
C4G-S-1P3M	C4G-S-1P3M-PS LTE Router with integrated: LTE-A (CAT6 300M / 50M), GPS/GNSS, 1 x 10/100/1000 RJ45 Ethernet, USB-C Port, RS232, GPIO, IGN (ignition sense pin), IP54 enclosure. North American power adapter included.	$ 871.00
C4G-S-1P6M	C4G-S-1P6M-PS LTE Router with integrated: LTE-A PRO (CAT12 600M / 150M), GPS/GNSS, 1 x 10/100/1000 RJ45 Ethernet, USB-C Port, RS232, GPIO, IGN (ignition sense pin), IP54 enclosure. North American power adapter included.	$ 1,005.00
C4G-WIFI2ANT	2 x Wi-Fi Antenna with RP-SMA direct attach connector for C4G Router product line.	$ 37.00
C4G-4PIN-PT	1 x pigtail cable with 4 pin Molex connector, 3m / 10ft for C4G Desktop Router product lines for GPIO and power.	$ 29.00

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C4G-8PIN-PT	1 x pigtail cable with 8 pin Molex connector, 3m / 10ft for C4G Desktop Router product lines	$ 29.00
C4G-DIN	Universal DIN Rail Router Mount for C4G Series. The router can be attached either on the side or flat on the bottom.	$ 29.00
C4G-GPS1ANT	1 x GPS/GNSS (GPS, Galileo, Glonass, Beidou) Passive Antenna with 5m / 16ft cable SMA connector for C4G Router product line.	$ 39.00
C4G-LTE2ANT	2 x LTE Antenna with SMA direct attach connector for EW-CELL4G product line.	$ 49.00
	ACCESSORIES:	
PC-183-72	Power Cord, 6' 18AWG / 3C Unshielded, NEMA 5-15P Plug, ROJ 2 5/8" Stripped	$ 15.00
KR-BKNEMA	Bracket for NEMA cabinet shelf that can mount EX77964	$ 50.00
KR-BKZDIN	Z-shaped rack vertical mounting bracket for DIN-rail switches (EX78900/78000/73900), black, set of 1	$ 20.00
KR-BKZDIN2	Z-shaped rack horizontal mounting bracket for DIN-rail switches (EX78900/78000/73900), black, set of 1	$ 20.00
KR-BKZDIN2-D	Din-rail configuration for Z-shaped rack horizontal mounting bracket for DIN-rail switches (EX78900/78000/73900), black, set of 1	$ 25.00
KR-BKZDIN-D	Din configuration for Z-shaped rack vertical mounting bracket for DIN-rail switches (EX78900/78000/73900), black, set of 1	$ 25.00
KR-DINRAILB	TransRack 19 rack mount adjustable DIN rail bracket"	$ 129.00
PD1041	Hardened (-40°C - 75°C) Gigabit PoE Surge Protection Device, supporting 10/100/1000BaseT and 802.3at PoE pass through surge protection. Din-Rail mounting.	$ 89.00
PD3041	Hardened (-40°C - 75°C) Copper Pair/DSL Surge Protector, RJ11 and Terminal Block Connector for input and output pairs, 10kv total surge current protection, IEC 61643-21, UL497B , Din-Rail mounting.	$ 100.00
	Dymec Ethernet Switches	
	Ethernet Switches	
489997	10 Port (CSV,CCT,KY-1 Button Support, DDMI) Rugedized Din Rail or Shelf Mount 10 Gig Ethernet Switch	$ 1,553.00
489998	10 Port 10 gig (CSV,CCT,KY-1 Button Support, DDMI)Rack Mount Ethernet Switch 1 Gig (Oklahoma City) (Phasing out in 2019 replace with KY-3170XM below)	$ 1,345.00
489998	10 Port (CSV,CCT,KY-1 Button Support, DDMI)Rack Mount Ethernet Switch 1 Gig (Oklahoma City)	$ 1,349.00
489999	4 Port Daughter Card	$ 414.00
490000	8 Port Daughter Card	$ 518.00
0	ITS 10 Port Managed Layer 2 Ethernet 10 Gig Rack Mount Ethernet Switch	$ 899.00
490001	ITS 10 Port Rack Mount Gigabit Ethernet Switch (Tulsa OK)	$ 934.00
490002	Non Rack Mount Ethernet Switches	$ 674.00
490002PS	Power Supply Ethernet Switch	$ 47.00
490002SP	RJ45 Surge protection Device	$ 42.00
490002SPPOE	POE RJ45 Surge protection Device	$ 57.00
4900003	KY 1 Button Back Up Restore Unit	$ 156.00
4900004	LX 20 Km/A	$ 116.00
4900005	LX 20 KM/B	$ 116.00
4900006	VDSL A	$ 207.00
4900007	VDSL B	$ 207.00
4900007	VDSL B	$ 78.00
4900008	Ethernet Extender	$ 275.00
0	DBU Flash Drive Config Device	$ 99.00
	McCain Traffic Controllers	
	McCain Controllers and Transparity/Omni Software	
193317R	Rack Mount Flex Controller- ATC Cabinet (W/ Omni Software)	$ 3,000.00
M73101RA	Rack Mount Flex Controller- Caltrans Cabinet (W/ Omni Software)	$ 3,336.00
193317	Shelf Mount Flex Controller- ATC Cabinet (W/ Omni Software)	$ 2,952.00
M73101SA	Shelf Mount Flex Controller- Caltrans Cabinet (W/ Omni Software)	$ 3,384.00
M57970	ATC NEMA eX2 TS-2 Type 1 W/ Omni software	$ 2,604.00
193000	ATC NEMA eX2 TS-2 Type 2 W/ Omni software	$ 2,988.00
M46541	2070 ATC w/ 2E (Harris County) w/ Omni software	$ 3,215.00
M57355	2070 ATC W/ 2B w/ Omni software	$ 2,999.00
193002	2070L w/7A Module (Houston) w/ Omni software	$ 3,323.00
193003	2070 GPS Plug In Module	$ 599.00
193001	2070-E w/ Omni Software	$ 3,326.00
193012	2070LX 1C, 2e+, 3b-lx, 4, Linux (No Omni)	$ 2,340.00
M33160	2070L	$ 3,072.00
M66670	ATC NEMA eX2 TS-2 Type 1 W/ D4 software	$ 2,785.00
M46539	ATC NEMA eX2 TS-2 Type 2 W/ D4 software	$ 3,106.00

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M52565	170E-2C Mach PIN Socket (El Paso)	$ 3,213.00
Transparity	Transparity Software (1-50 Controllers)	$ 40,800.00
Transparity	Transparity Software (51-100 Controllers)	$ 76,500.00
Transparity	Transparity Software (101-150 Controllers)	$ 107,100.00
Transparity	Transparity Software (151-200 Controllers)	$ 132,600.00
Transparity	Transparity Software (201-300 Controllers)	$ 153,000.00
Transparity	Transparity Software (301-400 Controllers)	$ 183,600.00
Transparity Maint	Annual Software Maitenance (1-100 controllers)	$ 6,000.00
Transparity Maint	Annual Software Maitenance (101-150 controllers)	$ 8,100.00
Transparity Maint	Annual Software Maitenance (151-200 controllers)	$ 9,600.00
Transparity Maint	Annual Software Maitenance (201-300 controllers)	$ 12,600.00
Transparity Maint	Annual Software Maitenance (301-400 controllers)	$ 14,400.00
Omni	Omni Software per Controller	$ 1,200.00
	Traffic Cabinets	
	McCain ITS Cabinets	
M62850	Harris County 340 ITS Cabinet (No Controller/GPS) Includes 2070 ATC Controller, CMU-212, AMU-214, SIU-218, Locks, Flashers, Load Swiches, DC and AC Isolators, 222S Detectors and 430 Xfer Relays	$ 18,350.00
193202	Houston 340 ITS Cabinet (With Controller and GPS)Includes 2070 1B Controller with 7A and GPS Modules, CMU-218, AMU-212, SIU-218, Locks, Flashers, Load Swiches, DC and AC Isolators, 222S Detectors and 430 Xfer Relays	$ 20,042.00
M62854	Houston 342 ITS Cabinet Includes 2070L Controller with 7A and GPS Modules, CMU-212, AMU-214, SIU-218, Locks, Flashers, Load Swiches, DC and AC Isolators, 222S Detectors and 430 Xfer Relays	$ 15,715.00
M62855	Houston 346 ITS Cabinet Includes 2070L Controller with 7A and GPS Modules, CMU-212, AMU-214, SIU-218, Locks, Flashers, Load Swiches, DC and AC Isolators, 222S Detectors and 430 Xfer Relays	$ 12,486.00
193201	332 San Antonio Cabinet Includes 2070E Controller, CMU-212, Anchor Bolts, Locks, Flashers, Load Swiches, DC and AC Isolators and 430 Xfer Relays	$ 10,997.00
M76287	332S San Antonio Cabinet (Add Controller) Includes CMU-212, Anchor Bolts, Locks, Flashers, Load Swiches, DC and AC Isolators and 430 Xfer Relays	$ 8,300.00
193203	332 El Paso Cabinet Includes 170-2C Controller, CMU-210, Anchor Bolts, Locks, Flashers, Load Swiches, DC and AC Isolators, Fiber and Voice Modems and 430 Xfer Relays	$ 12,636.00
193201 DAL	332 Dallas 18 Channel Cabinet (Add Controller) Includes CMU-2018 KCLiP, LMD 622T Detectors, Corbin Locks, Aux File, Flashers, LS 200 Load Swiches, 242 DC Isolators and Flash Xfer Relays	$ 9,235.00
M32644	332 Irving Cabinet (Add Controller) Includes CMU-2010 ECLiP, LMD 622T Detectors, Locks, Aux File, Flashers, LS 200 Load Swiches, 242 DC Isolators and Flash Xfer Relays	$ 11,310.00
193201 LUB	332 Lubbock Cabinet (Add Controller) Includes Flashers, LS 200 Load Swiches, 242 DC Isolators and Flash Xfer Relays	$ 9,294.00
193216	332 Austin Cabinet (Add Controller) Includes Both Doors Louvered, Flashers, LS 200 Load Swiches, 242 DC Isolators and Flash Xfer Relays	$ 8,896.00
0	McCain ATC Cabinets	$ -
193215	358i ATC Backpack Cabinet, Fully Loaded, NO Controller,	$ 7,688.00
M53391	358i ATC STRETCH Backpack Cabinet, Fully Loaded, NO Controller,	$ 7,856.00
M54705	356i ATC Cabinet, Fully Loaded, NO Controller,	$ 10,882.00
M54123	352i Cabinet ATCC-HV, IA-24CH, OA-16CH, FOTA, SA, Nat	$ 11,747.00
193223	352i Cabinet ATCC-HV, IA-24CH, FITA-24CH, (2) FOTA-16CH	$ 15,882.00
193209	350i ATC Cabinet 16 Ch OP, Fully Loaded, NO Controller,	$ 14,382.00
M56764	350i ATC Cabinet 16 Ch OP, Fully Loaded, NO Controller,	$ 18,294.00
0	McCain Agency Specific ATC Cabinets	$ -
M78586	353i ATCC-HV Allen IA-24CH, OA-32CH, FOTA 16CH(2), SA,Gen Inlet Cabinet Includes CMU, 9 LS 2202 Flashers, SIU 2218-MC, 6 Detection Suppressors, 9 HDSP Suppressors, ISO DC 244L 4CH HalfWidth LS, 2202 Load Switches	$ 18,376.00
M78586	353i ATCC-HV Allen (With 8 Relays and 8 Load Switched REMOVED) IA-24CH, OA-32CH, FOTA 16CH(2), SA,Gen Inlet Cabinet Includes CMU, 9 LS 2202 Flashers, SIU 2218-MC, 6 Detection Suppressors, 9 HDSP Suppressors, ISO DC 244L 4CH HalfWidth LS, 2202 Load Switches	$ 16,370.00
193204MC	352i Montgomery Cnty ATCC-HV, IA-24CH, FITA-24CH, OA-16CH, SA, NAT Cabinet (Add Controller) Includes CMU-2212 LV-MC 32 Channel w/ Ethernet port, 2 SIU-2218's, 8 ATC Flashers, 8 Load Switches, and 24 HV ATC Power Supply and Isolators	$ 10,502.00

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M56764	350i Cedar Park ATCC-HV, IA-24CH, FITA-24CH, OA-16CH, SA (TWO FLASHER), NAT Cabinet (Add Controller) Includes CMU-2212 LV-MC 32 Channel w/ Ethernet port, 2 SIU-2218's, 8 ATC Flashers, 8 Load Switches, and 24 HV ATC Power Supply and Isolators	$ 15,587.00
193206	352i Coppell Cabinet Black NO Controller, Includes CMU-2212 HV (ip) 32 Channel w/ Ethernet port, 2 SIU-2218's, 2 10" Shelves EIA Mount, Aux Unit Display, Locks, 8 ATC Flashers, 8 Load Switches, and 24 HV ATC Power Supply and Isolators	$ 11,706.00
193204	352i Fort Worth Cabinet Add Controller 1 FOTA-16CH, Includes CMU-2212 HV (ip) 32 Channel w/ Ethernet port, 2 SIU-2218's, 2 10" Shelves EIA Mount, Aux Unit Display, Locks, 8 ATC Flashers, 8 Load Switches, and 24 HV ATC Power Supply	$ 10,588.00
M55409	352i Fort Worth Cabinet Add Controller (2 FOTA-16CH), Includes CMU-2212 HV (ip) 32 Channel w/ Ethernet port, 2 SIU-2218's, 2 10" Shelves EIA Mount, Aux Unit Display, Locks, 8 ATC Flashers, 8 Load Switches, and 24 HV ATC Power Supply	$ 13,394.00
193204 DAL	352i Dallas ATCC-HV, IA-48CH, 2 FITA-24CH, OA-32CH, 2 FOTA-16CH, SA, Includes 18 LS 2202-HV-MC HDSP Flashers, 4 SIU-2218's, CMU, 2212 HV-MC(ip), 32 Channel w/ Ethernet port, 12 Detection Suppressors, HESCO HE6LC-6, 16 HDSP Suppressor HESCO HE103C-9	$ 15,774.00
0	352i Dallas ATCC-HV, IA-48CH, 2 FITA-24CH, OA-16CH, FOTA-16CH, SA, Includes Dual Flasher Service Assy, 10 LS 2202-HV-MC HDSP Flashers, 3 SIU-2218's, CMU, 2212 HV-MC(ip), 32 Channel w/ Ethernet port, 12 Detection Suppressors, HESCO HE6LC-6, 8 HDSP Suppressor HESCO HE103C-10	$ 12,688.00
193217	353i Garland (and Grapevine Allen) Cabinet Includes Aux Display, Input Test Panel/Card, 9 LS 2202 Flashers, 2 SIU 2218-MC, 12 Suppressors, 8 HDSP Suppressors, 4 EDI Oracle 4H Det, EDI, ISO DC 242 4CH HalfWidthLS 200 Load Switches, 242 DC Isolators and Flash Xfer Relays	$ 13,277.00
M76592	352i Garland Cabinet NO Controller, Includes CMU-2212 HV (ip) 16 Channel w/ Ethernet port, 2 SIU-2218's, 2 10" Shelves EIA Mount, Aux Unit Display, BEST Locks, 1 ATC Flasher, 8 Load Switches, and 24 HV ATC Power Supply	$ 12,370.00
M91004	353i ATCC-HV Grapevine Cabinet IA-24CH,FITA-24CH, OA-16CH,SA, Gen Inlet, NAT/WHITE, Input Test Panel, 9 LS 2202 Flashers, 2 SIU 2218-MC, 6 Suppressors, 9 HDSP Suppressors, 4 EDI Oracle 4H Det, ISO DC 244L 4CH HalfWidth, LS 2202 Load Switches	$ 13,664.00
193217WYLIE	353i ATCC-HV Wylie Cabinet IA-24CH,FITA-24CH, OA-16CH, NAT/ WHITE, 9 LS 2202 Flashers, 2 SIU 2218-MC, 6 Suppressors, 9 HDSP Suppressors, 4 EDI Oracle 4H Det, ISO DC 244L 4CH HalfWidth, LS 2202 Load Switches	$ 13,010.00
M55515	352i Montgomery County ATCC-HV, IA-24CH, FITA-24CH, OA-16CH, SA, NAT Cabinet (Add Controller) Includes CMU-2212 LV-MC 32 Channel w/ Ethernet port, 2 SIU-2218's, 8 ATC Flashers, 8 Load Switches, and 24 HV ATC Power Supply and Isolators, Battery Charging Slide out Shelf	$ 11,326.00
M73473	350i Montgomery County ATCC-HV, IA-24CH, FITA-24CH, OA-16CH, SA, NAT Cabinet (Add Controller) Includes CMU-2212 LV-MC 32 Channel w/ Ethernet port, 2 SIU-2218's, 8 ATC Flashers, 8 Load Switches, and 24 HV ATC Power Supply and Isolators	$ 14,462.00
M55409	352i ATCC-HV Lubbock IA-24CH, FITA-24CH, OA-32CH, (2 FOTA-16CH), SA, NAT Cabinet Add Controller, Includes CMU-2212 LV 32 Channel w/ Ethernet port, 2 SIU-2218's, 8 ATC Flashers, 8 Load Switches, and 24 HV ATC Power Supply	$ 15,147.00
M91132	352i ATCC-HV Lubbock IA-24CH, FITA-24CH, OA-32CH, (2 FOTA-16CH), SA, NAT Cabinet (Add Controller), Includes CMU-2212 LV 32 Channel w/ Ethernet port, 2 SIU-2218's, 8 ATC Flashers, 8 Load Switches, and 24 HV ATC Power Supply	$ 12,617.00
M78508-SC	353i ATCC-HV Prosper Cabinet IA-24CH,FITA-24CH, OA-16CH, PWDR, (Add Controller) 9 LS 2202 Flashers, 2 SIU 2218-MC, 6 Suppressors, 9 HDSP Suppressors, 4 EDI Oracle 4H Det, ISO DC 244L 4CH HalfWidth, LS 2202 Load Switches	$ 14,962.00
M55517	356i ATCC-HV Prosper Cabinet IA-24CH,FITA-24CH, OA-16CH, NAT, (Add Controller)	$ 11,641.00
M91096	P44 Rack ATCC-HV Tyler Cabinet IA-24CH,FITA-24CH, OA-16CH, SA, Gen, (Add Controller)	$ 15,787.00
pending	353i Arlington Cabinet Includes CMU, SIU, HDSP, ADU and CPS (Rack BOM) , Fiber Optic 12 port RackMount (616SMSC)	$ 10,810.00
	McCain ITS Cabinet Accessories	
M14317	Corbin Locks L/H (2 required for 340 Cabinet)	$ 44.00
M14318	Corbin Locks R/H (2 Required for 340 Cabinet)	$ 44.00
M50061	222S Detector	$ 133.00
M56812	DC 242L EDI Isolator	$ 38.00
M11422	252 AC Isolator	$ 36.00

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M34480	AMU-214, EDI	$ 260.00
M34482	SIU-218, EDI	$ 244.00
M34481	CMU-212, EDI	$ 526.00
M68359	CMU 2018 KCLiP	$ 828.00
M84650	CMU Data Key Programmer (USB)	$ 450.00
M11556	430 X-Fer Relay	$ 28.00
	McCain ATC Cabinet Accessories	
M36255	AUXILLARY UNIT DISPLAY	$ 513.00
M36256	LS, 2202-HV-MC HDSP/Flasher Unit ATC	$ 194.00
M36258	SIU, 2218 ATC	$ 240.00
M36259	CMU, 2212-HV-MC (ip) 32 CH w/ Ethernet Port, ATC	$ 640.00
M35344	Detection Suppressor, EDCO MRA-6LC	$ 23.00
M31647	HDSP Suppressor EDCO	$ 18.00
M59831	Auxillary Display Unit For Backpack Cabinet	$ 438.00
M36261	EDI Power Supply 2216 (24,48VDC)	$ 473.00
M58360A	ASSY, PBC ATC Input Test Card	$ 281.00
M73860	ATC Cabinet Input Test Panel	$ 325.00
M74151	Kit, ATC Cabinet Input Test Panel	$ 413.00
M73140	Railroad Interface Panel, ATC Cabinet Rack Mount	$ 281.00
	McCain NEMA Cabinets & Accessories	
M47800	P-44 Cab TS2 Type 1 (TxDOT) Fully Loaded, BIU, MMU,FTR,LS, PS (Add Controller)	$ 10,495.00
M76680	P-44 Cab TS2 Type 1 Farmers Branch Fully Loaded, BIUs, MMU,FTR,16LSs,PS, (Add Controller)	$ 12,693.00
M57202	P-44 Cab TS2 Type 1 Front and Rear Door Fully Loaded (Add Controller)	$ 12,693.00
193205	P-44 Cab TS2 Type 1 Front and Rear Door (McKinney) Powder Coated Fully Loaded (Add Controller)	$ 12,064.00
F02	P-44 Cab TS2 Type 2 Front and Rear Door (Allen) (Add Controller)	$ 11,610.00
M78245	P-44 Cab TS2 Type 1 Stretch Cab (Flower Mound) Powder Coated 16 Load Switches (Add Controller)	$ 9,434.00
M78246	Size 6 Cab TS2 Type 1 (Arlington) Fully Loaded, 16 LS, 32 DET-CH, 4PE-CH (Add Controller)	$ 12,551.00
M57970	ATC NEMA eX2 TS-2 Type 1 W/ Omni software	$ 2,713.00
193000	ATC NEMA eX2 TS-2 Type 2 W/ Omni software	$ 3,113.00
193002	2070L w/7A Module (Houston) w/ Omni software	$ 3,461.00
193003	2070 GPS Plug In Module	$ 624.00
193300	EDI 16 Channel Enhanced TS2 NEMA Monitor	$ 679.00
193313	EDI 16 Channel LCD Enhanced TS2 NEMA Monitor	$ 776.00
193302	EDI 16 Ch LCD Enhanced TS2 NEMA Monitor W/ Ethernet	$ 906.00
MMU2-16LEIP-115	EDI 16 Channel LCD Enhanced TS2 Smart Monitor	$ 1,039.00
260026	EDI TS2 Heavy Duty Power Supply 250 TXDOT	$ 446.00
260008	EDI BIU 700 (3 required)	$ 245.00
M81188	EDI Oracle 2E (Loop Amplifier)	$ 216.00
280911	Model 204 Flasher	$ 25.00
280910	Model 200 Load Switch	$ 24.00
193117	430 Transfer Relay	$ 28.00
M58340A	ASSY, PBC NEMA Input Test Card	$ 281.00
M58985	Alarm Input File Module	$ 350.00
M14663	NEMA Adapter Base (Garland)	$ 325.00
M55433	Suitcase Tester, 170/2070 Controller w/ IO Matrix Display	$ 2,938.00
M55434	Suitcase Tester, 170/2070 Controller w/ Intersection Display	$ 2,938.00
M58800 et al	Cabinet Test Display (specify Voltage and Lugs)	$ 938.00
M54419A	Railroad Interface Panel, Nema/Caltrans PCB	$ 281.00
M54419A et al	Railroad Interface Panel Harness and Mounting Kit, Specify C5/C11 and lugs	$ 231.00
	Signal Cabinets (ALL RTC Cabinets include all load switches, flash transfer realys, isolators, power supplies and BIU's as needed)	
TS1	TS1 Cabinet No Conflict Monitor or Controller	$ 8,746.00
TS1M	TS1 Cabinet with EDI Conflict Monitor but No Controller	$ 9,743.00
TS1MC	TS1 Cabinet with EDI Conflict Monitor and McCain Controller	$ 12,039.00
TS2	TS2 Cabinet No Conflict Monitor or Controller	$ 10,338.00
TS2M	TS2 Cabinet with EDI Conflict Monitor but No Controller	$ 11,334.00
TS2MC	TS2 Cabinet with EDI Conflict Monitor and McCain Controller	$ 13,631.00
TS2TX	TXDOT TS2 Cabinet with EDI Conflict Monitor but No Controller	$ 11,805.00
	Other Cabinet Items	
171036	Southern Mfg. ITS Cabinet WE302424-NMDOT-DMS-P	$ 3,413.00

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171039	Southern Mfg. ITS Cabinet WE302424-NMDOT-CCTV-P	$ 3,519.00
200803	Pelco Clear Confirmation Light	$ 139.00
161407	ArmorCast Traffic Cabinet Pedestal	$ 456.00
PNS10-03-VP4003L	LED Light Strip	$ 70.00
	Pelco Structural Poles	
	Harris County Mast Arm Poles (Includes Anchor Bolts, Add ILSN Sign Arm if needed)	
HC-SP-30-100	HC-SP-30-100	$ 5,523.00
HC-SP-30-100L-15	HC-SP-30-100L-15	$ 6,607.00
HC-SP-30-100-20' MA	HC-SP-30-100-20' MA	$ 7,763.00
HC-SP-30-100-25' MA	HC-SP-30-100-25' MA	$ 8,144.00
HC-SP-30-100-30' MA	HC-SP-30-100-30' MA	$ 8,651.00
HC-SP-30-100-35' MA	HC-SP-30-100-35' MA	$ 9,114.00
HC-SP-30-100-40' MA	HC-SP-30-100-40' MA	$ 9,552.00
HC-SP-30-100-42' MA	HC-SP-30-100-42' MA	$ 9,611.00
HC-SP-30-100-42' MA	HC-SP-30-100-42' MA	$ 9,823.00
HC-SP-30-100-20' MA-L15	HC-SP-30-100-20' MA-L15	$ 8,835.00
HC-SP-30-100-25' MA-L15	HC-SP-30-100-25' MA-L15	$ 9,228.00
HC-SP-30-100-30' MA-L15	HC-SP-30-100-30' MA-L15	$ 9,735.00
HC-SP-30-100-35' MA-L15	HC-SP-30-100-35' MA-L15	$ 10,211.00
HC-SP-30-100-40' MA-L15	HC-SP-30-100-40' MA-L15	$ 10,635.00
HC-SP-30-100-42' MA-L15	HC-SP-30-100-42' MA-L15	$ 10,694.00
HC-SP-30-100-45' MA-L15	HC-SP-30-100-45' MA-L15	$ 10,907.00
HC-SP-34-100	HC-SP-34-100	$ 6,291.00
HC-SP-34-100L-15	HC-SP-34-100L-15	$ 7,374.00
HC-SP-34-100-20' MA	HC-SP-34-100-20' MA	$ 8,346.00
HC-SP-34-100-25' MA	HC-SP-34-100-25' MA	$ 8,657.00
HC-SP-34-100-30' MA	HC-SP-34-100-30' MA	$ 9,061.00
HC-SP-34-100-35' MA	HC-SP-34-100-35' MA	$ 9,550.00
HC-SP-34-100-40' MA	HC-SP-34-100-40' MA	$ 9,962.00
HC-SP-34-100-42' MA	HC-SP-34-100-42' MA	$ 10,020.00
HC-SP-34-100-45' MA	HC-SP-34-100-45' MA	$ 10,233.00
HC-SP-34-100-20' MA-L15	HC-SP-34-100-20' MA-L15	$ 9,419.00
HC-SP-34-100-25' MA-L15	HC-SP-34-100-25' MA-L15	$ 9,730.00
HC-SP-34-100-30' MA-L15	HC-SP-34-100-30' MA-L15	$ 10,144.00
HC-SP-34-100-35' MA-L15	HC-SP-34-100-35' MA-L15	$ 10,621.00
HC-SP-34-100-40' MA-L15	HC-SP-34-100-40' MA-L15	$ 11,046.00
HC-SP-34-100-42' MA-L15	HC-SP-34-100-42' MA-L15	$ 11,103.00
HC-SP-34-100-45' MA-L15	HC-SP-34-100-45' MA-L15	$ 11,316.00
HC-20'/20' DMA-100L-15	HC-20'/20' DMA-100L-15	$ 10,849.00
HC-25'/20' DMA-100L-15	HC-25'/20' DMA-100L-15	$ 11,101.00
HC-25'/25' DMA-100L-15	HC-25'/25' DMA-100L-15	$ 11,300.00
HC-30'/20' DMA-100L-15	HC-30'/20' DMA-100L-15	$ 11,391.00
HC-30'/25' DMA-100L-15	HC-30'/25' DMA-100L-15	$ 11,616.00

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HC-30'/30' DMA-100L-15	HC-30'/30' DMA-100L-15	$ 11,934.00
HC-35'/20' DMA-100L-15	HC-35'/20' DMA-100L-15	$ 11,901.00
HC-35'/25' DMA-100L-15	HC-35'/25' DMA-100L-15	$ 12,127.00
HC-35'/30' DMA-100L-15	HC-35'/30' DMA-100L-15	$ 12,443.00
HC-35'/35' DMA-100L-15	HC-35'/35' DMA-100L-15	$ 12,952.00
HC-40'/20' DMA-100L-15	HC-40'/20' DMA-100L-15	$ 12,351.00
HC-40'/25' DMA-100L-15	HC-40'/25' DMA-100L-15	$ 12,576.00
HC-40'/30' DMA-100L-15	HC-40'/30' DMA-100L-15	$ 12,893.00
HC-40'/35' DMA-100L-15	HC-40'/35' DMA-100L-15	$ 13,894.00
HC-40'/40' DMA-100L-15	HC-40'/40' DMA-100L-15	$ 14,208.00
HC-42'/20' DMA-100L-15	HC-42'/20' DMA-100L-15	$ 13,097.00
HC-42'/25' DMA-100L-15	HC-42'/25' DMA-100L-15	$ 13,362.00
HC-42'/30' DMA-100L-15	HC-42'/30' DMA-100L-15	$ 13,795.00
HC-42'/35' DMA-100L-15	HC-42'/35' DMA-100L-15	$ 13,956.00
HC-42'/40' DMA-100L-15	HC-42'/40' DMA-100L-15	$ 14,378.00
HC-42'/42' DMA-100L-15	HC-42'/42' DMA-100L-15	$ 14,468.00
HC-44'/20' DMA-100L-15	HC-44'/20' DMA-100L-15	$ 13,101.00
HC-44'/25' DMA-100L-15	HC-44'/25' DMA-100L-15	$ 13,326.00
HC-44'/30' DMA-100L-15	HC-44'/30' DMA-100L-15	$ 13,642.00
HC-44'/35' DMA-100L-15	HC-44'/35' DMA-100L-15	$ 14,153.00
HC-44'/40' DMA-100L-15	HC-44'/40' DMA-100L-15	$ 14,602.00
HC-44'/42' DMA-100L-15	HC-44'/42' DMA-100L-15	$ 14,665.00
HC-44'/44' DMA-100L-15	HC-44'/44' DMA-100L-15	$ 14,860.00
(4) 2 1/4" Anchor Bolts w/ Templates.	(4) 2 1/4" Anchor Bolts w/ Templates.	$ 1,030.00
	TXDOT 80 MPH Mast Arm Poles(Incl Anchor Bolts, Add ILSN Sign Arm if needed)	
SP-30B-80	SP-30B-80	$ 4,453.00
SP-30B-80L-8	SP-30B-80L-8	$ 5,289.00
SP-34D-80	SP-34D-80	$ 5,358.00
SP-34D-80L-8	SP-34D-80L-8	$ 6,193.00
20' SMA-80	20' SMA-80	$ 4,782.00
20' SMA-80L-8	20' SMA-80L-8	$ 6,098.00
24' SMA-80	24' SMA-80	$ 4,969.00
24' SMA-80L-8	24' SMA-80L-8	$ 6,317.00
28' SMA-80	28' SMA-80	$ 5,132.00
28' SMA-80L-8	28' SMA-80L-8	$ 6,502.00

32' SMA-80	32' SMA-80	$ 5,798.00
32' SMA-80L-8	32' SMA-80L-8	$ 7,276.00
36' SMA-80	36' SMA-80	$ 6,399.00
36' SMA-80L-8	36' SMA-80L-8	$ 7,912.00
40' SMA-80	40' SMA-80	$ 6,982.00
40' SMA-80L-8	40' SMA-80L-8	$ 8,412.00
44' SMA-80	44' SMA-80	$ 7,384.00
44' SMA-80L-8	44' SMA-80L-8	$ 9,002.00
48' SMA-80	48' SMA-80	$ 8,083.00
48' SMA-80L-8	48' SMA-80L-8	$ 9,389.00
50' LMA-80/100	50' LMA-80/100	$ 14,170.00
50' LMA-80/100L-8	50' LMA-80/100L-8	$ 16,232.00
55' LMA-80/100	55' LMA-80/100	$ 14,502.00
55' LMA-80/100L-8	55' LMA-80/100L-8	$ 16,543.00
60' LMA-80/100	60' LMA-80/100	$ 14,769.00
60' LMA-80/100L-8	60' LMA-80/100L-8	$ 16,961.00
65' LMA-80/100	65' LMA-80/100	$ 15,041.00
65' LMA-80/100L-8	65' LMA-80/100L-8	$ 17,377.00
20'/20' DMA-80	20'/20' DMA-80	$ 7,374.00
20'/20' DMA-80L-8	20'/20' DMA-80L-8	$ 8,840.00
24'/20' DMA-80	24'/20' DMA-80	$ 7,533.00
24'/20' DMA-80L-8	24'/20' DMA-80L-8	$ 9,039.00
24'/24' DMA-80	24'/24' DMA-80	$ 8,072.00
24'/24' DMA-80L-8	24'/24' DMA-80L-8	$ 9,739.00
28'/20' DMA-80	28'/20' DMA-80	$ 7,930.00
28'/20' DMA-80L-8	28'/20' DMA-80L-8	$ 8,783.00
28'/24' DMA-80	28'/24' DMA-80	$ 8,111.00
28'/24' DMA-80L-8	28'/24' DMA-80L-8	$ 9,705.00
28'/28' DMA-80	28'/28' DMA-80	$ 8,315.00
28'/28' DMA-80L-8	28'/28' DMA-80L-8	$ 9,945.00
32'/20' DMA-80	32'/20' DMA-80	$ 8,312.00
32'/20' DMA-80L-8	32'/20' DMA-80L-8	$ 9,943.00
32'/24' DMA-80	32'/24' DMA-80	$ 8,503.00
32'/24' DMA-80L-8	32'/24' DMA-80L-8	$ 10,134.00
32'/28' DMA-80	32'/28' DMA-80	$ 8,708.00
32'/28' DMA-80L-8	32'/28' DMA-80L-8	$ 10,374.00
32'/32' DMA-80	32'/32' DMA-80	$ 9,624.00
32'/32' DMA-80L-8	32'/32' DMA-80L-8	$ 11,328.00
36'/20' DMA-80	36'/20' DMA-80	$ 8,994.00
36'/20' DMA-80L-8	36'/20' DMA-80L-8	$ 10,335.00
36'/24' DMA-80	36'/24' DMA-80	$ 9,186.00
36'/24' DMA-80L-8	36'/24' DMA-80L-8	$ 10,889.00
36'/28' DMA-80	36'/28' DMA-80	$ 9,327.00
36'/28' DMA-80L-8	36'/28' DMA-80L-8	$ 11,062.00
36'/32' DMA-80	36'/32' DMA-80	$ 9,742.00
36'/32' DMA-80L-8	36'/32' DMA-80L-8	$ 11,446.00
36'/36' DMA-80	36'/36' DMA-80	$ 10,096.00
36'/36' DMA-80L-8	36'/36' DMA-80L-8	$ 11,836.00
40'/20' DMA-80	40'/20' DMA-80	$ 9,567.00
40'/20' DMA-80L-8	40'/20' DMA-80L-8	$ 11,307.00
40'/24' DMA-80	40'/24' DMA-80	$ 9,762.00
40'/24' DMA-80L-8	40'/24' DMA-80L-8	$ 11,502.00
40'/28' DMA-80	40'/28' DMA-80	$ 9,904.00
40'/28' DMA-80L-8	40'/28' DMA-80L-8	$ 11,644.00
40'/32' DMA-80	40'/32' DMA-80	$ 10,462.00
40'/32' DMA-80L-8	40'/32' DMA-80L-8	$ 12,274.00
40'/36' DMA-80	40'/36' DMA-80	$ 10,758.00
40'/36' DMA-80L-8	40'/36' DMA-80L-8	$ 12,571.00
44'/20' DMA-80	44'/20' DMA-80	$ 10,011.00
44'/20' DMA-80L-8	44'/20' DMA-80L-8	$ 11,823.00
44'/24' DMA-80	44'/24' DMA-80	$ 10,206.00
44'/24' DMA-80L-8	44'/24' DMA-80L-8	$ 12,019.00
44'/28' DMA-80	44'/28' DMA-80	$ 10,347.00
44'/28' DMA-80L-8	44'/28' DMA-80L-8	$ 12,160.00
44'/32' DMA-80	44'/32' DMA-80	$ 11,417.00
44'/32' DMA-80L-8	44'/32' DMA-80L-8	$ 13,113.00
44'/36' DMA-80	44'/36' DMA-80	$ 11,714.00
44'/36' DMA-80L-8	44'/36' DMA-80L-8	$ 13,563.00
50'/20' LDMA-80	50'/20' LDMA-80	$ 17,309.00
50'/20' LDMA-80L-8	50'/20' LDMA-80L-8	$ 19,300.00

55'/28' LDMA-80	55'/28' LDMA-80	$ 17,664.00
55'/28' LDMA-80L-8	55'/28' LDMA-80L-8	$ 20,207.00
60'/32' LDMA-80	60'/32' LDMA-80	$ 18,208.00
60'/32' LDMA-80L-8	60'/32' LDMA-80L-8	$ 20,848.00
65'/44' LDMA-80	65'/44' LDMA-80	$ 19,788.00
65'/44' LDMA-80L-8	65'/44' LDMA-80L-8	$ 21,070.00
8' Luminaire Arm	8' Luminaire Arm	$ 1,005.00
	TXDOT 100 MPH Mast Arm Poles(Incl Anchor Bolts, Add ILSN Sign Arm if needed)	
SP-30B-100	SP-30B-100	$ 4,453.00
SP-30B-100L-8	SP-30B-100L-8	$ 5,289.00
SP-34D-100	SP-34D-100	$ 5,358.00
SP-34D-100L-8	SP-34D-100L-8	$ 6,193.00
20' SMA-100	20' SMA-100	$ 5,525.00
20' SMA-100L-8	20' SMA-100L-8	$ 7,037.00
24' SMA-100	24' SMA-100	$ 5,839.00
24' SMA-100L-8	24' SMA-100L-8	$ 7,343.00
28' SMA-100	28' SMA-100	$ 5,879.00
28' SMA-100L-8	28' SMA-100L-8	$ 7,462.00
32' SMA-100	32' SMA-100	$ 6,334.00
32' SMA-100L-8	32' SMA-100L-8	$ 7,952.00
36' SMA-100	36' SMA-100	$ 6,983.00
36' SMA-100L-8	36' SMA-100L-8	$ 8,695.00
40' SMA-100	40' SMA-100	$ 7,822.00
40' SMA-100L-8	40' SMA-100L-8	$ 9,581.00
44' SMA-100	44' SMA-100	$ 8,201.00
44' SMA-100L-8	44' SMA-100L-8	$ 9,994.00
20'/20' DMA-100	20'/20' DMA-100	$ 7,902.00
20'/20' DMA-100L-8	20'/20' DMA-100L-8	$ 9,099.00
24'/20' DMA-100	24'/20' DMA-100	$ 8,273.00
24'/20' DMA-100L-8	24'/20' DMA-100L-8	$ 9,919.00
24'/24' DMA-100	24'/24' DMA-100	$ 8,839.00
24'/24' DMA-100L-8	24'/24' DMA-100L-8	$ 10,444.00
28'/20' DMA-100	28'/20' DMA-100	$ 8,604.00
28'/20' DMA-100L-8	28'/20' DMA-100L-8	$ 10,290.00
28'/24' DMA-100	28'/24' DMA-100	$ 9,063.00
28'/24' DMA-100L-8	28'/24' DMA-100L-8	$ 10,786.00
28'/28' DMA-100	28'/28' DMA-100	$ 9,335.00
28'/28' DMA-100L-8	28'/28' DMA-100L-8	$ 11,056.00
32'/20' DMA-100	32'/20' DMA-100	$ 9,080.00
32'/20' DMA-100L-8	32'/20' DMA-100L-8	$ 10,802.00
32'/24' DMA-100	32'/24' DMA-100	$ 9,476.00
32'/24' DMA-100L-8	32'/24' DMA-100L-8	$ 11,199.00
32'/28' DMA-100	32'/28' DMA-100	$ 10,186.00
32'/28' DMA-100L-8	32'/28' DMA-100L-8	$ 11,944.00
32'/32' DMA-100	32'/32' DMA-100	$ 10,598.00
32'/32' DMA-100L-8	32'/32' DMA-100L-8	$ 12,357.00
36'/20' DMA-100	36'/20' DMA-100	$ 9,684.00
36'/20' DMA-100L-8	36'/20' DMA-100L-8	$ 10,120.00
36'/24' DMA-100	36'/24' DMA-100	$ 9,977.00
36'/24' DMA-100L-8	36'/24' DMA-100L-8	$ 11,814.00
36'/28' DMA-100	36'/28' DMA-100	$ 10,168.00
36'/28' DMA-100L-8	36'/28' DMA-100L-8	$ 11,963.00
36'/32' DMA-100	36'/32' DMA-100	$ 10,807.00
36'/32' DMA-100L-8	36'/32' DMA-100L-8	$ 12,602.00
36'/36' DMA-100	36'/36' DMA-100	$ 11,208.00
36'/36' DMA-100L-8	36'/36' DMA-100L-8	$ 13,008.00
40'/20' DMA-100	40'/20' DMA-100	$ 10,175.00
40'/20' DMA-100L-8	40'/20' DMA-100L-8	$ 12,007.00
40'/24' DMA-100	40'/24' DMA-100	$ 10,410.00
40'/24' DMA-100L-8	40'/24' DMA-100L-8	$ 13,801.00
40'/28' DMA-100	40'/28' DMA-100	$ 12,020.00
40'/28' DMA-100L-8	40'/28' DMA-100L-8	$ 13,889.00
40'/32' DMA-100	40'/32' DMA-100	$ 12,674.00
40'/32' DMA-100L-8	40'/32' DMA-100L-8	$ 14,543.00
40'/36' DMA-100	40'/36' DMA-100	$ 13,049.00
40'/36' DMA-100L-8	40'/36' DMA-100L-8	$ 14,955.00
44'/20' DMA-100	44'/20' DMA-100	$ 12,119.00
44'/20' DMA-100L-8	44'/20' DMA-100L-8	$ 14,023.00
44'/24' DMA-100	44'/24' DMA-100	$ 12,354.00
44'/24' DMA-100L-8	44'/24' DMA-100L-8	$ 14,259.00

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44'/28' DMA-100	44'/28' DMA-100	$ 12,607.00
44'/28' DMA-100L-8	44'/28' DMA-100L-8	$ 14,549.00
44'/32' DMA-100	44'/32' DMA-100	$ 13,262.00
44'/32' DMA-100L-8	44'/32' DMA-100L-8	$ 15,203.00
44'/36' DMA-100	44'/36' DMA-100	$ 13,573.00
44'/36' DMA-100L-8	44'/36' DMA-100L-8	$ 15,515.00
50' LMA-80/100	50' LMA-80/100	$ 17,309.00
50' LMA-80/100L-8	50' LMA-80/100L-8	$ 19,300.00
55' LMA-80/100	55' LMA-80/100	$ 17,664.00
55' LMA-80/100L-8	55' LMA-80/100L-8	$ 20,207.00
60' LMA-80/100	60' LMA-80/100	$ 18,208.00
60' LMA-80/100L-8	60' LMA-80/100L-8	$ 20,848.00
65' LMA-80/100	65' LMA-80/100	$ 19,788.00
65' LMA-80/100L-8	65' LMA-80/100L-8	$ 21,070.00
	Signals and LEDs	
	Use this Separate LED section for LED's only Quotes, they are duplicated in each signal section also	
	Leotek P3 single LED Heads	
820006	12" Green Arrow	$ 36.00
820003	12" Green Ball	$ 34.00
820005	12" Yellow Arrow	$ 36.00
820002	12" Yellow Ball	$ 34.00
820004	12" Red Arrow	$ 36.00
820001	12" Red Ball	$ 34.00
	Leotek 15 Year Warranty LED's	
820006-15	12" Green Arrow - 15 Year Warranty	$ 48.00
820003-15	12" Green Ball- 15 Year Warranty	$ 53.00
820005-15	12" Yellow Arrow - 15 Year Warranty	$ 48.00
820002-15	12" Yellow Ball- 15 Year Warranty	$ 53.00
820004-15	12" Red Arrow - 15 Year Warranty	$ 48.00
820001-15	12" Red Ball- 15 Year Warranty	$ 53.00
	Leotek 8" Bicycle LED's	
TP08A-BC-IL	8" Green Bicycle	$ 51.00
TP08A-BB-IL	8" Yellow Bicycle	$ 51.00
TP08A-BA-IL	8" Red Bicycle	$ 51.00
	Leotek 12v DC LED's	
820021 ULP	DC 12" Yellow Ball Ultra Low Power (5 Watt)	$ 52.00
820061	DC 12" Yellow Ball	$ 45.00
820062	DC 12" Green Ball	$ 45.00
820060	DC 12" Red Ball	$ 45.00
	Leotek 48v DC LED's	
820006 48V	12" Green Arrow	$ 61.00
820003 48V	12" Green Ball	$ 56.00
820005 48V	12" Yellow Arrow	$ 61.00
820002 48V	12" Yellow Ball	$ 56.00
820004 48V	12" Red Arrow	$ 61.00
820001 48V	12" Red Ball	$ 56.00
821002 48V	16" Countdown Ped (48 Volt DC)	$ 137.00
	U-Turn and Bi-modal LED's	
82000	12" Red U-Turn Arrow	$ 57.00
82000	12" Yel U-Turn Arrow	$ 57.00
82000	12" Grn U-Turn Arrow	$ 57.00
820010	12" Yellow/Green Bi-Modal Arrow (IL)	$ 88.00
	One Section Signals	
	McCain One Section Signal Heads	
190000	1 Section Poly Head (With Visor) TxDot Yellow	$ 47.00
190102	1 Section Alum Head (With Visor) TxDot Yellow	$ 55.00
191002	1 Section Poly Head (With Visor) TxDot Black	$ 43.00
190103	1 Section Alum Head (With Visor) TxDot Black	$ 55.00
	One Section Back Plates	
192101	1 Sec Alum	$ 21.00
M17876	1 Sec Alum - Louvered	$ 42.00
M18162	1 Sec Poly (Flat)	$ 21.00

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192101RT	1 Sec Alum w/ 2" Reflective Tape	$ 29.00
M44287	1 Sec Alum Louvered w/ 2" Reflective Tape	$ 27.00
	One Section Astro Bracs	
AS-0125-1-62-PNC	1Way, 1 Sec (62" Cable)	$ 133.00
	One Section Span Wire Assemblies	
200902	Span Wire Assy 1Way 1-Point Mount 1 Sec	$ 61.00
201082	Span Wire Assy 2Way 1-Point Mount 1 Sec	$ 84.00
200072	Span Wire Assy 3Way 1-Point Mount 1 Sec	$ 144.00
201083	Span Wire Assy 4Way 1-Point Mount 1 Sec	$ 146.00
0	Paint Adder For Brac or Assy (Add Color code Pxx)	$ 21.00
	Two Section Signals	
	Two Section McCain Signals	
2YP	2 Section Poly Head (With Visor) TxDot Yellow	$ 79.00
2YA	2 Section Alum Head (With Visor) TxDot Yellow	$ 109.00
2BP	2 Section Poly Head (With Visor) TxDot Black	$ 69.00
2BA	2 Section Alum Head (With Visor) TxDot Black	$ 109.00
	Two Section Back Plates	
192102	2 Sec Alum	$ 26.00
M17894	2 Sec Alum - Louvered	$ 27.00
M18164	2 Sec Poly (Flat)	$ 23.00
192102RT	2 Sec Alum w/ 2" Reflective Tape	$ 36.00
M56678	2 Sec Alum Louvered w/ 2" Reflective Tape	$ 38.00
	Two Section Astro Bracs	
AS-0125-2-62-PNC	1Way, 2 Sec (62" Cable)	$ 136.00
2sec Split	2 Sec Split Span (Top & Bottom) w/ Gap between	$ 96.00
Paint Adder	Paint Adder For Brac or Assy (Add Color code Pxx)	$ 21.00
	Two Section Leotek New P3 LED's	
820002	12" Yellow Ball	$ 34.00
820001	12" Red Ball	$ 34.00
	Three Section Signals	
	McCain Three Section Signals	
190003TX	3 Section Poly Head (With Visor) TxDot Yellow	$ 148.00
190103TX	3 Section Alum Head (With Visor) TxDot Yellow	$ 169.00
191003TX	3 Section Poly Head (With Visor) TxDot Black	$ 133.00
191103TX	3 Section Alum Head (With Visor) TxDot Black	$ 169.00
	Three Section Back Plates	
192103	3 Sec Alum	$ 33.00
192103RT	3 Sec Alum w/ 2" Reflective Tape	$ 43.00
192116	3 Sec Alum (HAWK) Cluster fro AB -0168	$ 52.00
192113	3 Sec Alum - Louvered	$ 34.00
192113RT	3 Sec Alum Louvered w/ 2" Reflective Tape	$ 43.00
M61597	3 Sec Alum - Louvered (HAWK) Cluster (Max Border)	$ 55.00
TBD	3 Sec Alum - Louvered (HAWK) Cluster (Max Border) w/ 2" Reflective Tape	$ 62.00
192003	3 Sec VF, ABS	$ 36.00
192003RT	3 Sec VF, ABS with 2" Reflective Tape	$ 66.00
BK-8000-3-PNC	3 Sec Pelco Aeroflex (No Tape)	$ 77.00
BK-1032-A-PNC	3 Sec VF, ABS (Cluster)	$ 193.00
	Three Section Astro Bracs	
201160	1Way, 3 Sec (62" Cable)	$ 145.00
201160-84	1Way, 3 Sec (84" Cable)	$ 151.00
201160-96	1Way, 3 Sec (96" Cable)	$ 154.00
201160-120	1Way, 3 Sec (120" Cable)	$ 160.00
AB-0168-62-PNC	1Way, 3 Sec (62" Cable) (Cluster) Only use if spec'd	$ 288.00
200050	1Way, 3 Sec (62" Cable) w/CGB	$ 151.00
AS-0194-3-84-2-PNC	1Way, 3 Sec (84" Cable) w/CGB	$ 157.00
200051	1Way, 3 Sec (96" Cable) w/CGB	$ 160.00
AS-0194-3-120-2-PNC	1Way, 3 Sec (120" Cable) w/CGB	$ 166.00
AB-0150-3-62-PNC	1 Way, 3 Sec (62" Cable) Articulated w/CGB	$ 195.00
AB-0150-3-84-PNC	1 Way, 3 Sec (84" Cable) Articulated w/CGB	$ 201.00
AB-0150-3-96-PNC	1 Way, 3 Sec (96" Cable) Articulated w/CGB	$ 202.00
	Three Section Span Wire Assy	
200150	Span Wire Assy, 1Way 2-Point Mount 3 Sec	$ 126.00
200151	Span Wire Assy, Full Piping (3 Sec)	$ 283.00
201177-3	Span Wire Assy, Houston (3 Sec)	$ 227.00
SP-3011-TX-3-PNC	3 Sec Signal (Type E) FOR EL PASO	$ 120.00

SE-3315-PNC	3 Sec HAWK Cluster w/Universal Hub Plates	$ 181.00
20SE-5094-PNC	3 Sec Top and Bottom Mount	$ 138.00
Paint Adder	Paint Adder For Brac or Assy (Add Color code Pxx)	$ 21.00
	Three Section Leotek New P3 LED's	
820006	12" Green Arrow	$ 36.00
820003	12" Green Ball	$ 34.00
820005	12" Yellow Arrow	$ 36.00
820002	12" Yellow Ball	$ 34.00
820004	12" Red Arrow	$ 36.00
820001	12" Red Ball	$ 34.00
	Four Section Signals	
	McCain Four Section Signals	
190004TX	4 Section Poly Head (With Visor) TxDot Yellow	$ 192.00
190104TX	4 Section Alum Head (With Visor) TxDot Yellow(Horiz)	$ 221.00
191004TX	4 Section Poly Head (With Visor) TxDot Black	$ 177.00
191104TX	4 Section Alum Head (With Visor) TxDot Black (Horiz)	$ 221.00
0	**Four Section Back Plates**	
192004	4 Sec VF, ABS	$ 44.00
192104	4 Sec Alum	$ 36.00
192104RT	4 Sec Alum w/ 2" Reflective Tape	$ 62.00
192114	4 Sec Alum - Louvered	$ 39.00
192114RT	4 Sec Alum Louvered w/ 2" Reflective Tape	$ 57.00
M18219D	4 Sec VF, ABS	$ 44.00
192004RT	4 Sec VF, ABS with 2" Reflective Tape	$ 70.00
0	4 Sec Louisiana Backplate	$ 52.00
BK-8000-4-PNC	4 Sec Aeroflex (No Tape)	$ 92.00
0	**Four Section Astro Bracs**	
201160-4	1Way, 4 Sec (62" Cable)	$ 152.00
201160-4-84	1Way, 4 Sec (84" Cable)	$ 158.00
201160-4-96	1Way, 4 Sec (96" Cable)	$ 161.00
201160-4-120	1Way, 4 Sec (120" Cable)	$ 167.00
AS-0194-4-62	1Way, 4 Sec (62" Cable) w/CGB	$ 147.00
AS-0194-4-84	1Way, 4 Sec (84" Cable) w/CGB	$ 162.00
AS-0194-4-96	1Way, 4 Sec (96" Cable) w/CGB	$ 161.00
AS-0194-4-120	1Way, 4 Sec (120" Cable) w/CGB	$ 171.00
AB-0150-4-96-PNC	1 Way, 4 Sec (96" Cable) Articulated w/CGB	$ 203.00
	Four Section Span Wire Assy	
200150	Span Wire Assy, 1Way 2-Point Mount 3 Sec	$ 126.00
200152	Span Wire Assy, Full Piping (4 Sec)	$ 293.00
201177	Span Wire Assy, Houston (4 Sec)	$ 234.00
SP-3011-TX-4-PNC	4 Sec Signal (Type E) FOR EL PASO	$ 126.00
Paint Adder	Paint Adder For Brac or Assy (Add Color code Pxx)	$ 21.00
	Four Section Leotek New P3 LED's	
820006	12" Green Arrow	$ 36.00
820003	12" Green Ball	$ 34.00
820005	12" Yellow Arrow	$ 36.00
820002	12" Yellow Ball	$ 34.00
820004	12" Red Arrow	$ 36.00
820001	12" Red Ball	$ 34.00
	Five Section Signals	
	McCain Five Section Signals	
191005TX	5 Section Poly Head (With Visor) TxDot Black	$ 221.00
M32158	5 Section Poly Cluster (With Visor) TxDot Black	$ 221.00
190005TX	5 Section Poly Head (With Visor) TxDot Yellow	$ 241.00
M44515	5 Section Poly Cluster (With Visor) TxDot Yellow	$ 241.00
190105TX	5 Section Alum Head (With Visor) TxDot Yellow	$ 280.00
M65857	5 Section Alum Cluster (With Visor) TxDot Yellow	$ 280.00
190105TX	5 Section Alum Head (With Visor) TxDot Yellow	$ 280.00
191105TX	5 Section Alum Head (With Visor) TxDot Black	$ 280.00
M56170	5 Section Alum Cluster (With Visor) TxDot Black	$ 280.00
	Five Section Back Plates	
192005	5 Sec VF, ABS	$ 55.00
192005RT	5 Sec VF, ABS with 2" Reflective Tape	$ 83.00
192105	5 Sec Alum	$ 44.00
192105RT	5 Sec Alum W/ 2" Reflective Tape	$ 72.00

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192105C	5 Sec Alum (Cluster)	$ 57.00
192115	5 Sec Alum - Louvered	$ 55.00
192115RT	5 Sec Alum - Louvered w/ 2" Reflective Tape	$ 69.00
M18084	5 Sec Alum (Cluster) - Louvered for Pelco Bracket	$ 59.00
M66678	5 Sec Alum (Cluster) - Louvered for Pelco Bracket w/ 2" RT	$ 72.00
M42514D	5 Sec VF, ABS (Cluster)	$ 72.00
5 Sec La	5 Sec Louisiana Backplate	$ 73.00
BK-8000-5-PNC	5 Sec Aeroflex (No Tape)	$ 104.00
	Five Section Astro Bracs	
201160-5	1Way, 5 Sec (62" Cable)	$ 160.00
201160-5-84	1Way, 5 Sec (84" Cable)	$ 165.00
201160-5-96	1Way, 5 Sec (96" Cable)	$ 168.00
201160-5-120	1Way, 5 Sec (120" Cable)	$ 175.00
20AS-0138-62	1Way, 5 Sec (62" Cable) (Cluster)	$ 244.00
20AS-0138-96	1Way, 5 Sec (96" Cable) (Cluster)	$ 253.00
20AS-0138-120	1Way, 5 Sec (120" Cable) (Cluster)	$ 259.00
AS-0194-5-62	1Way, 5 Sec (62" Cable) w/CGB	$ 164.00
AS-0194-5-84	1Way, 5 Sec (84" Cable) w/CGB	$ 170.00
200052	1Way, 5 Sec (96" Cable) w/CGB	$ 173.00
AS-0194-5-120	1Way, 5 Sec (120" Cable) w/CGB	$ 179.00
AB-0150-5-96-PNC	1 Way, 5 Sec (96" Cable) Articulated w/CGB	$ 216.00
	Five Section Span Wire Assy	
SP-1001-TX-PNC	Span Wire Assy, 1Way 2-Point Mount 5 Sec	$ 126.00
200153	Span Wire Assy, Full Piping (5 Sec)	$ 304.00
201177-5	Span Wire Assy, Houston (5 Sec)	$ 245.00
SP-3041-TX-PNC	Span Wire Assy, (5 Sec Cluster)	$ 135.00
SP-3011-TX-5-PNC	5 Sec Signal (Type E) FOR EL PASO	$ 133.00
Paint Adder	Paint Adder For Brac or Assy (Add Color code Pxx)	$ 21.00
	Five Section Leotek New P3 LED's	
820006	12" Green Arrow	$ 36.00
820003	12" Green Ball	$ 34.00
820005	12" Yellow Arrow	$ 36.00
820002	12" Yellow Ball	$ 34.00
820004	12" Red Arrow	$ 36.00
820001	12" Red Ball	$ 34.00
	Louvers & Visors	
	Louvers	
201154	12" GPL 8 degree Slotted Full Circle Louver - Yellow	$ 172.00
201154B	12" GPL 8 degree Slotted Full Circle Louver - Black	$ 172.00
260011	5 Vane, 7° Louver	$ 47.00
	Visors	
190001	12" Poly Visor Yellow	$ 9.00
Full Circle Visor	12" Alum Full Circle Visor - Yellow	$ 13.00
190101	12" Alum Tunnel Visor - Yellow	$ 13.00
191001	12" Poly Visor Black	$ 5.00
M19300	12" Alum Full Circle Visor - Black	$ 13.00
191101	12" Alum Tunnel Visor - Black	$ 13.00
	Other Signal Related Parts & NM Assemblies	
M66676	Reflective Tape per foot to add to Backplate	$ 3.00
	Astro Bracs Clamps ONLY with Galvanized Cable	
201151	Astro Brac Clamp Kit w/62" Galv Cable	$ 72.00
201151-84	Astro Brac Clamp Kit w/84" Galv Cable	$ 77.00
201151-96	Astro Brac Clamp Kit w/96" Galv Cable	$ 80.00
201151-120	Astro Brac Clamp Kit w/120" Galv Cable	$ 86.00
201106	3 Section Gusseted Tube	$ 27.00
201106-58	4 Section Gusseted Tube	$ 35.00
201106-74	5 Section Gusseted Tube	$ 41.00
201013	9 inch Standard Arm Kit	$ 29.00
200084	9 inch CGB Arm Kit	$ 34.00
0	Paint Adder (Add Color code Pxx)	$ 7.00
	Pelco Wind Dampers	
200079-62	Wind Damper (MA-DPD-12) less sign - 62" Cable	$ 455.00
200079-84	Wind Damper (MA-DPD-12) less sign - 84" Cable	$ 466.00
200079-96	Wind Damper (MA-DPD-12) less sign - 96" Cable	$ 472.00
0	Paint Adder (Add Color code Pxx)	$ -
0	School Zone Assembly (3 head Mast Arm)FOR EL PASO	$ -
201057	School Zone Assembly (3 head Mast Arm)FOR EL PASO	$ 497.00

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Kit	**TxDOT 2 Section Split Span Assembly With Gap**	
20SE-5089	Span Hanger	$ 57.00
20SE-0448	Check Nut (2 Required each)	$ 5.00
20SE-0354	Neoprene Washer (2 Required Each))	$ -
20SE-0436-12	Nipple 1.5" (12")	$ 10.00
20SE-5050-PNC	Tether Assy Tri Stud Breakaway	$ 19.00
Kit	**NM Signal Mnt End of Arm**	
201052	Hub Plate (SE-0444) (2 required each)	$ 13.00
201191	4" All Thread (SE-0309)	$ 13.00
20-SE-0436-10	10" Nipple (SE-0436)	$ 10.00
200085	Serrated Ell (SE-0457) (2 required Each)	$ 11.00
201400	Lock Ring (SE-0360) (2 Required Each)	$ 3.00
201046	Hex Nipple (SE-0443) (2 Required Each)	$ 5.00
Home Depot	Home Depot 1 1/2" LB w/cover & Gasket	$ 19.00
Kit	**NM Signal Mount Side of Pole/Mid Arm**	
201052	Hub Plate (SE-0444) (2 required each)	$ 13.00
20-SE-0436-10	10" Nipple (SE-0436)	$ 10.00
200085	Serrated Ell (SE-0457) (2 required Each)	$ 11.00
201400	Lock Ring (SE-0360) (2 Required Each)	$ 3.00
201046	Hex Nipple (SE-0443) (2 Required Each)	$ 5.00
0	**NM Signal Mnt Ped Pole Head**	
201052	Hub Plate (SE-0444) (2 required each)	$ 13.00
201191	4" All Thread (SE-0309)	$ 13.00
200085	Serrated Ell (SE-0457) (2 required Each)	$ 11.00
201400	Lock Ring (SE-0360) (2 Required Each)	$ 3.00
201046	Hex Nipple (SE-0443) (2 Required Each)	$ 5.00
0	**NM Ped Head & TX Type 1**	
201052	Hub Plate (SE-0444) (2 required each)	$ 13.00
20-SE-0436-12	12" Nipple (SE-0436) (2 Required Each)	$ 10.00
200085	Serrated Ell (SE-0457) (2 required Each)	$ 11.00
201400	Lock Ring (SE-0360) (2 Required Each)	$ 3.00
201046	Hex Nipple (SE-0443) (2 Required Each)	$ 5.00
	Coaxial and Heliax Cable	
	Coaxial Cable Including Connectors	
PNS10-500200A	Coaxial Cable LMR-400 (Per Ft.)	$ 1.33
LMR 400 Conn	N Male Connector - LMR-400 (2 per radio)	$ 17.00
	Heliax Cable Including Connectors	
PNS10-500200H	Heliax Cable LMR-600 (Per Ft.)	$ 2.55
LMR600 Conn	N Male Connector - LMR-600 (2 per radio)	$ 29.00
	Video Detection	
	Iteris VIVD's Processor System	
	Detector/Processor Cards	
260300	Edge 2 Detector Card - 1 Camera	$ 1,625.00
260301	Edge 2 Detector Card - 2 Camera (use for 4 Cam Sys)	$ 2,500.00
260302	Edge 2 Detector Card - 4 Camera	$ 4,750.00
	Interface Panels & Dinrail	
260312	Edgeconnect Card (for Comm Back to TCC)	$ 3,169.00
260314	Vec-Edge-2 (Processor)	$ 2,938.00
260303	Surge Panel w/Mounting Clips for 6 suppressors	$ 188.00
260305	Dinrail Clip	$ -
130880	Mouse	$ 20.00
260309	Y Cable for Monitor	$ -
260308	7" Color Monitor	$ 156.00
	Iteris VIVD's Camera Assembly	

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260306	Color Camera	$ 1,188.00
Vec Cam	Vector Sensor (Camera)	$ 4,688.00
260304	Video Surge Supressor w/1 FCABLE	$ 63.00
260307	Camera Mounting Bracket	$ 156.00
AS-0175-74-62-PNC	Pelco Camera Mounting Bracket - 62"	$ 158.00
AS-0175-74-120-PNC	Pelco Camera Mounting Bracket - 120"	$ 173.00
PNS10-504415	BNC Connectors	$ 4.00
	Vivds System Set Up	$ 300.00
	VIVD's Central Control (Laptop)	$ 2,000.00
	ViVDS Communication Cable (Coaxial)	$ 1.03
	Myers Battery Backups	
	BBU System (External Battery Cabinet)	
47-UPSCAB	Myers BC1280 BBU W/O Batteries	$ 3,875.00
47-UPS332 RACK	Myers BBU W/O Batteries 332 Retrofit (San Antonio)	$ 3,944.00
47-UPS332 RACK	Myers BBU W/O Batteries 332 Retrofit (San Antonio)	$ 3,944.00
Gen Option	Generator Option (Incl. Automatic Switch, Dead Face Panel, 30A Generator Receptacle, Wiring)	$ 269.00
MP2000	MP2000 in 232 Cabinet Includes: MP2000E, PTS/MBPS, Swing Out Battery Trays, Battery, Cable & Wiring Kit	$ 1,875.00
Batt Shelves	Slide Out Battery Shelves in TXDOT Cabinet	$ 225.00
Mems	MEMS (Myers Ethernet Monitoring Software)	$ 625.00
13-HR4000	MK 100 Amp Batteries	$ 334.00
161409	Battery Box	$ 538.00
	Schneider APC UPS's	
	UPS System (External Battery Cabinet)	
710010	UPS w/ APC Secure UPS 1300VA/1300 W 120 VAC In/Out RM Plus Bypass Unit with 12' Harness (No Cabinet or Power Panel)	$ 2,195.00
710011	Complete UPS w/ APC Secure UPS 1300VA/1300 W 120 VAC In/Out RM Plus Bypass Unit with 12' Harness (NO Cabinet or Power Panel but with Generator Option)	$ 2,245.00
APC-TXDOT	Turnkey UPS w/ APC Secure UPS 1300VA/1300 W 120 VAC In/Out RM, Bypass Unit, 12' Harness, RTC Cabinet and Power Panel 4 MK 110 AH Batteries (No Generator Plug)	$ 4,642.00
APC-DOT	Turnkey UPS w/ APC Secure UPS 1300VA/1300 W 120 VAC In/Out RM Plus Bypass Unit, 12' Harness, RTC Cabinet and Power Panel 4 MK 110 AH Batteries and Generator Plug	$ 4,911.00
710001	APC Secure UPS 1300VA/1300 W 120 VAC In/Out RM Conformal Coated	$ 1,757.00
710002	APC Schneider SecureUPS Bypass Unit W/ Generator input, W/O Batteries	$ 300.00
710002NOGEN	APC Schneider SecureUPS Bypass Unit W/O Generator input, W/O Batteries	$ 250.00
710003	APC Schneider Battery Harness 12'	$ 188.00
47-HAR4	APC Schneider Battery Harness 4'	$ 150.00
03-UPSGEN	Generator Option (Incl. Automatic Switch, Dead Face Panel, 30A Generator Receptacle, Wiring)	$ 269.00
13-8A30 HEI	MK 110 Amp 12V Batteries	$ 254.00
710006	APC 100 Amp 12V Batteries	$ 313.00
710009	Set of 4 APC 100 Amp 48V Batteries	$ 1,250.00
260012	Aluminum Mounting Cabinet	$ 1,100.00
PNS10 -03-UPSCTC	Power Panel, wiring and Labor	$ 331.00
PNS10 -03-UPSFANTHERM	Add ,Thermostat and Fan Only (NO POWER PANEL)	$ 326.00
PNS10 -03-UPSCONF	Add Confirmation Light	$ 50.00
PNS10 -03-UPSDOOR	Add Door Switch	$ 120.00
710004	One Year Extended Warranty on APC Secure UPS	$ 140.00
710005	One Year Extended Warranty on APC Secure UPS Bypass	$ 51.00
	Southern Illuminated Signs	
	Clean Profile - Single Sided TXDOT	
CP618SRDNNAAG1	6' x 18" viewable area standard blocking background	$ 1,516.00
CP621SRDNNAAG2	6' x 21" viewable area standard blocking background	$ 1,595.00
CP624SRFNNAAG1	6' x 24" viewable area standard blocking background	$ 1,681.00
CP618SRDNNAAD1	6' x 18" viewable area with retroreflective background and EC film	$ 1,672.00
CP621SRDNNAAD2	6' x 21" viewable area with retroreflective background and EC film	$ 1,751.00
CP624SRFNNAAD1	6' x 24" viewable area with retroreflective background and EC film	$ 1,837.00

CP818SRDNNAAG1	8' x 18" viewable area standard blocking background	$ 1,629.00
CP821SRDNNAAG2	8' x 21" viewable area standard blocking background	$ 1,715.00
CP824SRFNNAAG1	8' x 24" viewable area standard blocking background	$ 1,817.00
CP818SRDNNAAD2	8' x 18" viewable area with retroreflective background and EC film	$ 1,837.00
CP821SRDNNAAD1	8' x 21" viewable area with retroreflective background and EC film	$ 1,923.00
CP824SRFNNAAD1	8' x 24" viewable area with retroreflective background and EC film	$ 2,025.00
CP1018SRDNNAAG1	10' x 18" viewable area standard blocking background	$ 2,146.00
CP1018SRDNNAAG2	10' x 21" viewable area standard blocking background	$ 2,232.00
CP1024SRFNNAAG1	10' x 24" viewable area standard blocking background	$ 2,335.00
CP1021SRDNNAAD1	10' x 21" viewable area with retroreflective background and EC film	$ 2,406.00
CP1018SRDNNAAD2	10' x 18" viewable area with retroreflective background and EC film	$ 2,492.00
CP1024SRFNNAAD1	10' x 24" viewable area with retroreflective background and EC film	$ 2,595.00
	Clean Profile - Double Sided TXDOT	
CP618DTJNNAAG1	6' x 18" viewable area standard blocking background	$ 1,600.00
CP621DTJNNAAG2	6' x 21" viewable area standard blocking background	$ 1,708.00
CP624DTJNNAAG1	6' x 24" viewable area standard blocking background	$ 2,124.00
CP618DTJNNAAD1	6' x 18" viewable area with retroreflective background and EC film	$ 1,912.00
CP621DTJNNAAD2	6' x 21" viewable area with retroreflective background and EC film	$ 2,020.00
CP624DTJNNAAD1	6' x 24" viewable area with retroreflective background and EC film	$ 2,436.00
CP818DTJNNAAG1	8' x 18" viewable area standard blocking background	$ 1,715.00
CP821DTJNNAAG2	8' x 21" viewable area standard blocking background	$ 1,828.00
CP824DTJNNAAG1	8' x 24" viewable area standard blocking background	$ 2,386.00
CP818DTJNNAAD1	8' x 21" viewable area with retroreflective background and EC film	$ 2,131.00
CP821DTJNNAAD2	8' x 18" viewable area with retroreflective background and EC film	$ 2,244.00
CP824DTJNNAAD1	8' x 24" viewable area with retroreflective background and EC film	$ 2,802.00
CP1018DRDNNAAG1	10' x 18" viewable area standard blocking background	$ 2,232.00
CP1018DRDNNAAG2	10' x 21" viewable area standard blocking background	$ 2,345.00
CP1024DRFNNAAG1	10' x 24" viewable area standard blocking background	$ 3,028.00
CP1021DRDNNAAD1	10' x 21" viewable area with retroreflective background and EC film	$ 2,752.00
CP1018DRDNNAAD2	10' x 18" viewable area with retroreflective background and EC film	$ 2,865.00
CP1024DRFNNAAD1	10' x 24" viewable area with retroreflective background and EC film	$ 3,548.00
	Thin LED Single Sided	
TL619SRDNNAAG1	6' x 19" Overall size standard blocking background	$ 1,401.00
TL619SRDNNAAD1	6' x 19" Overall size with retroreflective film and EC overlay	$ 1,557.00
TL819SRDNNAAG1	8' x 19" Overall size standard blocking background	$ 1,516.00
TL819SRDNNAAD1	8' x 19" Overall size with retroreflective film and EC overlay	$ 1,724.00
	Thin LED Double Sided	
TL619DTJNNAAG1	6' x 19" Overall size standard blocking background	$ 1,743.00
TL619DTJNNAAD1	6' x 19" Overall size with retroreflective film and EC overlay	$ 2,055.00
TL819DTJNNAAG1	8' x 19" Overall size standard blocking background	$ 1,942.00
TL819DTJNNAAD1	8' x 19" Overall size with retroreflective film and EC overlay	$ 2,358.00
	Options	
MISCDECAL	Logo One color logo price per side	$ 33.00
MISCDECAL	Logo Two or more colors price per sign	$ 65.00
PHOTOCELL-SWIVEL	Photocell Tork Swivel	$ 26.00
Tork Int	Tork Internal	$ 26.00
Intermatic	Intermatic (Controls up to 4)	$ 26.00
	Brackets	
EZ Bar Even	Free Swing from mast arm both fixed heights	$ 189.00
BRACKET-EZ-BAR-UNEVEN	Free swing from mast arm one side adjustable	$ 254.00
Pelco 0142	Rigid Rear Mount (Single Sided Only)	$ 252.00
Pelco 1006	Rigid Mount top and bottom of sign (Single only)	$ 338.00
Pelco 5148	Free Swing both fixed heights	$ 338.00
Free Swing	Free Swing with one side extender	$ 358.00
	Blank Out Signs	
BO2424BBNNAAYR3-1	24" x24" Symbolic display R3-1. Size of display	$ 2,756.00
BO2424BBNNAAYR3-2	24" x24" Symbolic display R3-2. Size of display	$ 2,756.00
BO2430BBNNAAYR3-1T	24" x 30" 30" R3-1 with TRAIN below	$ 3,608.00
BO3030BBNNAAYR3-1	30" x 30" Symbolic display R3-1. Size of display	$ 3,487.00
BO3036BBNNAAYR3-1T	30" x 36" 30" R3-1 with TRAIN below in 6" single stroke letters	$ 3,861.00

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BO2424BBNNAAY-W10-7	24" X 24" Symbolic Train R10-15 Size of Display	$ 3,419.00
LC1818BBNNAAY-2R-2W	18" x 18" Lane Use Signal Red X and Green Arrow	$ 3,120.00
BO3036BBNNAAY-R3(2WAY)	30" x 36" Dual Symbol Lane Use R3-5A & R3-5L	$ 3,959.00
BO3036BBNNAAY-R3(2WAY)	30" x 36" Dual Symbol Lane Use R3-5L & R3-6L	$ 4,178.00
	Standard LED Signs	
0	Single Sided	$ -
LE619SRDNNAAG1	6' x 19" viewable area standard blocking background	$ 1,425.00
LE624SRDNNAAG1	6' x 24" viewable area standard blocking background	$ 1,538.00
LE819SRDNNAAG1	8' x 19" viewable area standard blocking background	$ 1,538.00
LE824SRDNNAAG1	8' x 24" viewable area standard blocking background	$ 1,652.00
0	Double Sided	$ -
LE619DTJNNAAG1	6' x 19" viewable area standard blocking background	$ 1,794.00
LE624DTJNNAAG1	6' x 24" viewable area standard blocking background	$ 1,908.00
LE819DTJNNAAG1	8' x 19" viewable area standard blocking background	$ 1,976.00
LE824DTJNNAAG1	8' x 24" viewable area standard blocking background	$ 2,090.00
	Aluminum NEMA 3R Enclosures & ITS Commander	
CE3RAL322014PMTR	32"x20"x14" Pole Mounted Control Cabinet NEMA 3R .125" 5052 Aluminum.	$ 995.00
CE3RAL5030165BMNOPD	50"x30"x16.5" Base Mounted Control Cabinet NEMA 3R .125" 5052 Aluminum.	$ 1,164.00
WE336S-CCTVFL-P/B	336S Pole Mount CCTV Cabinet with PDA 30 amp, 4 equipment outlets, 2 GFI outlets, fan light, shelf and drawer. No sunshields	$ 3,504.00
WE332-DMSFL-B	332 DMS cabinet with 60 amp 120/240 Split phase PDA, fan light, shelf and drawer. No sunshield.	$ 4,323.00
WE302424-ITSNM-P-CCTV	30"H x 24"W x 24"D Pole Mounted cabinet with power panel for CCTV 30 Amp main breaker and 2 15 amp breakers. New Mexico	$ 3,738.00
WE302424-ITSNM-P-CCTV	30"H x 24"W x 24"D Pole Mounted cabinet with power panel for DMS, 2-30 Amp main breaker and 2-15 amp breakers. New Mexico	$ 3,894.00
	Medoco Locks	
LOCK-DB-EA-100221	Nexgen Traffic Box Lock	$ 302.00
KEY-S-EA-100156	Nexgen Electronic XT Slim Line Key	$ 115.00
KEY-PROG-USB-S-EA-100109	Nexgen Electronic XT Slim Line Key Programmer	$ 277.00
CHARGER-KEY-USB-CABLE-94-0290	Nexgen Electronic XT Slim Line Key Charger USB Cable	$ 302.00
SOFTWARE-XT-PLUS-SW-500301-2	BASIC Medeco Electronic Lock and Key Software (LIMIT 750 Keyholders) ANNUAL CHARGE!!!	$ 698.00
SOFTWARE-XT-PLUS-SW-500301-3	ADVANCED Medeco Electronic Lock and Key Software (LIMIT 750 Keyholders) Adds Remote and Mobile Programming and extended Schedules to Basic ANNUAL CHARGE!!!	$ 2,194.00
SOFTWARE-XT-PLUS-SW-500301-4	Medeco Electronic Lock and Key Software (LIMIT 1500 Keyholders) ANNUAL CHARGE!!!	$ 3,591.00
	Southern ILSN Sign Install Labor (CTC)	
CTCINSTALL	ILSN Installation to Mast Arm 2.5 hours/per sign $260 per hour	$ 650.00
CTCINSTALL	ILSN Installation LARGE Sign 5 hours/per sign $260 per hour (requires site visit)	$ 1,300.00
CTCINSTALL	ILSN Installation Wire pull cabinet to sign 2 Hours/per sign $260 per hour	$ 520.00
*PNS Wire	Wire for Sign (250 ft) per sign $.35 per ft inrolls of 2,900 ft	$ 114.00
*PNS Fuse	In Line Fuse (check with Agency to see if necessary)	$ 65.00
	Houston Radar Counters	
	Speedlane (2 Radars, Color HD Camera, Bluetooth)	
HRSL BASE	Speedlane Base Unit (Dual Radar, Color HD Camera, Bluetooth Interface, SQL Database, RS232 and 12VDC Power, Mounting Bracket, StatsAnalyser Software)	$ 5,064.00
HRSL SOLAR30	Solar Kit (96WHr LifePO Rechargeable Battery, 30 W Solar Panel, mounting bracket, 5 ft cable, AC Charger, On/Off Switch)	$ 1,104.00
HRSL UPS	UPS Kit (96WHr LifePO Rechargeable Battery, AC Charger, On/Off Switch)	$ 844.00
HRSL CELL	3G Penta Cell Modem w/ GPS (Full sized SIM and data plan NOT included)	$ 779.00

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HRSL ENET	Built in Ethernet Port (for video streaming)	$	649.00
HRSL BIPOE	Built in Power over Ethernet	$	389.00
HRSL EXPOE	External Power over Ethernet Injector	$	103.00
HRSL 16PC	16 ft Power and Serial Cable (M12-DB9)	$	48.00
HRSL 33PC	33 ft Power and Serial Cable (M12-DB9)	$	81.00
HRSL 20EC	20 ft Ethernet Cable (M12-RJ45)	$	81.00
HRSL 39EC	39 ft Ethernet Cable (M12-RJ45)	$	140.00
HRSL BAT	External Battery Augment	$	168.00
HRSL 9VR	9 hours of onboard 800x60010ffps Video Recording	$	727.00
HRSL 18VR	18 hours of onboard 800x60010ffps Video Recording	$	1,039.00
HRSL BLUE	Bluetooth DongleClass 1 Windows	$	30.00
HRSL PWPSUP	15 Watt, 12VDC Power Supply	$	51.00
HRSL TETACT	Tetyon Server Client Activation (allows Callout and aggregates data in cloud)	$	649.00
HRSL TETLX	Tetyon Package for Ubuntu Liux	$	-
HRSL TET MAINT	Tetyon Annual Maintenance	$	2,600.00
	Armadillo Tracker (Count and Class Radar)		
HRSL BASE	Armadillo Base Unit (LifePO Rechargeable Battery, Bluetooth Interface, USB Slow Charger, AC Quick Charger, 12V Car Charger, Mounting Bracket, ON/Off Switch, StatsAnalyser Software)	$	2,980.00
HRSL SOLAR5	Solar Kit (5 W Solar Panel, mounting bracket, 3 ft cable, Mounting Bracket)	$	563.00
HRSL SOLAR10	Solar Kit (10 W Solar Panel, mounting bracket, 3 ft cable, Mounting Bracket)	$	649.00
HRSL GPS	GPS Data Tagging Includes GPS Module and antenna)	$	311.00
HRSL CELL	3G Penta Cell Modem w/ GPS (Full sized SIM and data plan NOT included)	$	779.00
HRSL CASE	Weatherproof Carrying Case	$	260.00
	3M Loop Sealant		
	3M		
110501	Detector Loop Sealant (5 Gal Pail)	$	455.00
110506	Loop Sealant Ply-Pack	$	38.00
110507	Loop Sealant Ply-Pack Gun	$	260.00
	Flir Detection Products		
	Traficon Visual Cameras(Legacy)		
0	Traficon VIP/3D.1s - Vehicle Presence & Data Monitor Detector Board - 1 camera input - US Edge Connector	$	1,827.00
0	Traficon VIP/3D.2s - Vehicle Presence & Data Monitor Detector Board - 2 camera input - US Edge Connector	$	2,841.00
0	Traficon VIEWCOM/Es MAX + - Remote Monitoring & Setup Board - MPEG-4/H.264 - single slot - US Edge Connector	$	2,438.00
0	Traficon VIP Set Up Keypad - for DB9 Connector & Stereo Jack Connector	$	195.00
0	4 I/Os - Output Expansion Board - 4 outputs - single slot - US Edge Connector	$	514.00
0	2 I/Os - Output Expansion Board - 2 outputs - single slot - US Edge Connector	$	345.00
	Analog Thermal Imagers		
0	FC-369 T2 - QVGA, 69° H FOV, NTSC	$	2,126.00
0	FC-344 T2 - QVGA, 44° H FOV, NTSC	$	2,126.00
0	FC-332 T2 - QVGA, 32° H FOV, NTSC	$	2,126.00
0	FC-324 T2 - QVGA, 24° H FOV, NTSC	$	2,126.00
0	FC-317 T2 - QVGA, 17° H FOV, NTSC	$	2,126.00
	TrafiCam Visual Vehicle Detection (Legacy)		
0	TrafiCam wide angle	$	1,235.00
0	TrafiCam narrow angle	$	1,235.00
0	4TI ETH Edge - 4 outputs, SDLC via PIM module, USB, ETH - single slot - US Edge Connector	$	390.00
0	4/Os xp. Edge - Output Expansion Board - 4 outputs - single slot - US Edge Connector	$	325.00
0	4TI ETH - 16 outputs, USB, ETH	$	715.00
0	1TI - 4 outputs, USB	$	475.00
0	USB/A - USB/B Cable - for setup of 1TI, 4TI ETH and 4TI ETH Edge with PC	$	8.00
0	Spare Power / RS485 connector (8 pins, of which 5 pins color coded)	$	33.00
0	Sunshield for aluminum housing	$	39.00
	TrafiCam x-Stream2 Vehicle Detection, Traffic Data and Visual Traffic Monitoring		
0	Traficam Xstream2 Digital Visual Camera with Streaming capability Wide Angle	$	2,730.00
0	Traficam Xstream2 Digital Visual Camera with Streaming capability Narrow Angle	$	2,730.00
0	TI BPL2 Edge Card (supports up to 4 Cameras)	$	936.00
0	TI BPL2 Edge W/ BIU and SIU Interface SDLC Interface(supports up to 4 Cameras) (if SDLC needed)	$	1,287.00
0	4 I/O USB - Input Output Expansion Board (If more than 4 cameras needed in an intersection)	$	325.00
0	TI BPL2 interface - Power Line Interface - 16 outputs	$	936.00
0	Spare Connector - 8 pins - BPL2 - PoE	$	39.00

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0	FLIR POE Interface	$	195.00
	TraffiRadar Visual Stop Bar Detection, Traffic Data & Traffic Monitoring. Radar Dilemna zone protection and Advance Detection (Radar and Visual Dual)		
0	TrafiRadar BPL Dual Detection Radar and Visual	$	4,615.00
0	TI BPL2 Edge Card (supports up to 4 Cameras)	$	780.00
0	4/Os xp. Edge - Output Expansion Board - 4 outputs - single slot - US Edge Connector	$	325.00
0	TI x-stream BPL interface - Power Line Interface - 16 outputs	$	936.00
0	TI xp BPL Expansion Board	$	475.00
0	Spare PosewerBPL Connector (3 wire)	$	39.00
0	TrafiOne Thermal Pedestrian Presence Detection & Visual Traffic Monitoring	$	1,287.00
0	TrafiOne 195 - QQVGA, 95° H FOV, 9Hz, including HD visual stream license	$	1,853.00
0	TrafiOne 156 - QQVGA, 56° H FOV, 9Hz, including HD visual stream license	$	1,853.00
0	TrafiOne pedestrian counting license fee - optionally, to be ordered in addition with 10-7070 or 10-7075	$	475.00
0	TI BPL2 EDGE - interface - 4 outputs - SDLC via PIM module - double slot - US Edge Connector	$	936.00
0	TI BPL2 EDGE - BIU & SIU interface - 4 outputs - SDLC - double slot - US Edge Connector	$	1,287.00
0	4I/O USB - input/output expansion board - 4 outputs - single slot - US Edge Connector	$	325.00
0	TI BPL2 interface - Power Line Interface - 16 outputs	$	936.00
0	Ethernet interface	$	195.00
0	FLIR POE Interface	$	195.00
0	Spare Rain Shield - for 10-7075	$	39.00
	TraffiSense2 Thermal Vehicle/Bicycle/Pedestrian Detection, Traffic Data & Traffic Monitoring		
0	Traffisense 2 Thermal Camera 690 (90 deg Field of View) Includes Sunshield	$	4,290.00
0	Traffisense 2 Thermal Camera 645 (45 deg Field of View) Includes Sunshield	$	4,290.00
0	Traffisense 2 Thermal Camera 632 (32 deg Field of View) Includes Sunshield	$	4,290.00
0	Traffisense 2 Thermal Camera 690 V2X (90 deg Field of View) Includes Sunshield (V2X Ready)	$	5,005.00
0	Traffisense 2 Thermal Camera 645 V2X (45 deg Field of View) Includes Sunshield (V2X Ready)	$	4,290.00
0	Traffisense 2 Thermal Camera 632 V2X (32 deg Field of View) Includes Sunshield (V2X Ready)	$	4,290.00
0	ITS-IQ Tier 1 Cloud Connectivity annual license fee (price per sensor per year)	$	224.00
0	ITS-IQ Tier 1 Cloud Connectivity annual license fee (price per sensor for 5 years)	$	1,047.00
0	ITS-IQ Tier 1 Cloud Connectivity annual license fee (price per sensor for 10 years)	$	1,794.00
0	ITS-IQ Tier 1 Wi-Fi Monitoring annual license fee (price per sensor per year)	$	897.00
0	ITS-IQ Tier 1 Wi-Fi Monitoring annual license fee (price per sensor for 5 years)	$	2,093.00
0	ITS-IQ Tier 1 Wi-Fi Monitoring annual license fee (price per sensor for 10 years)	$	2,990.00
0	Premium Traffic Data License Fee	$	650.00
0	Stopped Vehicle License Fee (Consult Flir for Price)	$	-
0	TI BPL2 Edge Card (supports up to 4 Cameras)	$	936.00
0	TI BPL2 Edge W/ BIU and SIU Interface SDLC Interface(supports up to 4 Cameras) (if SDLC needed)	$	1,287.00
0	4 I/O USB - Input Output Expansion Board (If more than 4 cameras needed in an intersection)	$	325.00
0	TI BPL2 interface - Power Line Interface - 16 outputs	$	936.00
0	Spare Connector - 8 pins - BPL2 - PoE	$	39.00
0	FLIR POE Interface	$	195.00
	TraffiSense 2 DUAL Thermal and Visual (for Vehicle/Bike/Pedestrian Detection, Traffic Data and Thermal AND Visual Traffic monitoring)		
0	Traffisense 2 Dual Thermal Camera 690 (90 deg Field of View) Visual 30-90 Deg HD, Includes Sunshield	$	5,590.00
0	Traffisense 2 Dual Thermal Camera 645 (45 deg Field of View) Visual 5-50 Deg HD, Includes Sunshield	$	5,590.00
0	Traffisense 2 Dual Thermal Camera 632 (32 deg Field of View) Visual 5-50 Deg HD, Includes Sunshield	$	5,590.00
0	TI BPL2 Edge Card (supports up to 4 Cameras)	$	936.00
0	TI BPL2 Edge W/ BIU and SIU Interface SDLC Interface(supports up to 4 Cameras) (if SDLC needed)	$	1,287.00
0	4 I/O USB - Input Output Expansion Board (If more than 4 cameras needed in an intersection)	$	325.00
0	FLIR POE Interface	$	195.00
0	Spare Rain Shield - for 10-7075	$	39.00
	Acyclica Hardware Clound Connectivity, Travel Times/Origin - Destination, Cabinet Health Monitoring		
0	DA4 Data Aggregator (Requires software license to use)	$	1,803.00
0	SDLC Y Cable 5 ft	$	338.00
0	Cabinet Interface Harness Kit	$	338.00

0	5 Band MIMO Antenna - SMA	$ 182.00
0	5 Band MIMO Antenna - SMA Low Profile	$ 345.00
0	SIM Card fro Cell Service	$ 13.00
	Acyclica 1 Yr Software Licenses and Modules (Per Location, Per Year)	
0	Flir Detectors VSO (Vehicle Speed and Occupancy)1 yr License (Historical and Real Time, Images and Events)	$ 195.00
0	NON-Flir Detectors VSO (Vehicle Speed and Occupancy as avaiable) 1 yr License	$ 156.00
0	Travel Time (Travel and Delay Time, O/D) 1 Yr License	$ 585.00
0	Modules requiring Travel Time Basic Module	$ -
0	Signal Timing Tools (Advance travel and Delay Time, progression Diagram, Speed by Segment, Timing Planning)	$ 312.00
0	Reporting Module (Route and segment Travel Time Distribution, Turning Movement Count)	$ 312.00
0	Planning Module Advanced O/D)	$ 312.00
	Modules requiring Travel Time Basic Module AND FLIR VSO License	
0	Route Performance Measures	$ 312.00
	Modules requiring Travel Time Basic Module AND Connection to Signal Phase Info	
0	Intersection Performance Measures	$ 312.00
	Module Bundle	
0	Flir Sensor Package (Flir VSO, Travel Time, Sinal Timing Tools, Reporting Module, Planning Module, Route Performance and intersection Performance)	$ 2,028.00
0	Cellular Data Service 1 Yr	$ 520.00
0	Dedicated cloud VPN (price per client group per year)	$ 5,200.00
	Acyclica 5 Yr Software Licenses and Modules (Per Location, 5 Years for price of 4)	
0	Flir Detectors VSO (Vehicle Speed and Occupancy)5 yr License (Historical and Real Time, Images and Events)	$ 780.00
0	NON-Flir Detectors VSO (Vehicle Speed and Occupancy as avaiable) 5 yr License	$ 624.00
0	Travel Time (Travel and Delay Time, O/D) 5 Yr License	$ 2,340.00
	Modules requiring Travel Time Basic Module	
0	Signal Timing Tools (Advance travel and Delay Time, progression Diagram, Speed by Segment, Timing Planning)	$ 1,248.00
0	Reporting Module (Route and segment Travel Time Distribution, Turning Movement Count)	$ 1,248.00
0	Planning Module Advanced O/D)	$ 1,248.00
	Modules requiring Travel Time Basic Module AND FLIR VSO License	
0	Route Performance Measures	$ 1,248.00
	Modules requiring Travel Time Basic Module AND Connection to Signal Phase Info	
0	Intersection Performance Measures	$ 1,248.00
	Module Bundle	
0	Flir Sensor Package (Flir VSO, Travel Time, Sinal Timing Tools, Reporting Module, Planning Module, Route Performance and intersection Performance)	$ 8,112.00
0	Cellular Data Service 5 Yr	$ 2,600.00
0	Dedicated cloud VPN (price per client group per year)	$ 20,800.00
	DA-400 and Software Bundles	
0	DA-400 5 Yr Congestion Package (Includes DA-400 with Power Cable only, Travel Time, Intersection Performance)(Must add Antenna and Harness and cell service if needed)	$ 4,251.00
0	DA-400 5 Yr All Package (Includes DA-400 with Power Cable only, Travel Time, Intersection Performance, Signal Timing, Reporting, Planning, Route Performance) (Must add Antenna and Harness and cell service if needed)	$ 7,995.00
	API Integration and Usage	
0	API Integration and Usage (Consult Flir for pricing	$ -
	FLUX Traffic Management System	
0	FLUX Traffic Mgt Sytem 1 Server License (must ALWAYS add 10-150 and 10-160 to this?)	$ 5,590.00
0	FLUX Embedded Clustering LibraryLicense	$ 325.00
0	FLUX Embedded Database License	$ 325.00
0	FLUX 1 video Channel License for viewing Data Streaming	$ 163.00
0	Queue Length & Waiting Time License - for ramp metering applications (price per single video channel)	$ 390.00
	FLIR Extended Warranty (3 Yr Standard)	
0	1 additional Year Extended Warranty 7%, (5 Year Total Maximum) Add 1 to QTY)	7.00%
0	2 Additional Year Extended Warranty 14%, (5 Year Total Maximum (Add 1 to QTY)	14.00%
	CTC Installation Labor (Per Hour)	
CTCINSTALL	Driving Time One Man and Pickup Truck	$ 130.00
CTCINSTALL	On Site Time One Man and Pickup Truck (2 Hr minimum including drive time)	$ 130.00
CTCINSTALL	Second Man (Include Both Drive and On Site time)	$ 85.00

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CTCINSTALL	Second Man with a Pickup to be used as a Crash Truck (Use whenever a bucket truck is needed on a two lane or larger road) (Include Both Drive and On Site time)	$ 130.00
CTCINSTALL	Bucket Truck Upcharge (Include Both Drive and On Site Time)	$ 50.00
CTCINSTALL	Intersection Turn on	$ 1,350.00
CTCINSTALL	Local or Additional Intersections (Same Day)	$ 375.00
CTCINSTALL	Mobilization Charge Per Hour (includes Site Survey and Line Locates)	$ 130.00
CTCINSTALL	Equipment Rental	
CTCINSTALL	Travel and Other Expenses (Hotel Air rent car meals etc.)	

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AMENDMENT No. 1 to CONTRACT No. PE05-21

For

Traffic Control, Enforcement and Signal Preemption Equipment

Between

HOUSTON-GALVESTON AREA COUNCIL

And

Consolidated Traffic Controls, Inc.

THIS AMENDMENT modifies the above referenced Contract as follows:

Clarifies Articles 26, 27, and 28 in Special Provisions of the above referenced Agreement (#6676) should read as follows:

ARTICLE 26: CONTRACT WORK HOURS AND SAFETY STANDARDS

As per the Contract Work Hours and Safety Standards Act (40 U.S.C. 3701-3708), where applicable, all Customer Purchase Orders in excess of $100,000 that involve the employment of mechanics or laborers must include a provision for compliance with 40 U.S.C. 3702 and 3704, as supplemented by Department of Labor regulations (29 CFR Part 5). Under 40 U.S.C. 3702 of the Act, each contractor must be required to compute the wages of every mechanic and laborer on the basis of a standard work week of 40 hours. Work in excess of the standard work week is permissible provided that the worker is compensated at a rate of not less than one and a half times the basic rate of pay for all hours worked in excess of 40 hours in the work week. The requirements of 40 U.S.C. 3704 are applicable to construction work and provide that no laborer or mechanic must be required to work in surroundings or under working conditions which are unsanitary, hazardous or dangerous. These requirements do not apply to the purchases of supplies or materials or articles ordinarily available on the open market, or contracts for transportation or transmission of intelligence.

ARTICLE 27: PROFIT AS A SEPARATE ELEMENT OF PRICE

For purchases using federal funds in excess of $150,000, a Customer may be required to negotiate profit as a separate element of the price. See, 2 CFR 200.323(b). Contractor agrees to provide information and negotiate with the Customer regarding profit as a separate element of the price for the purchase. Contractor also agrees that the total price, including profit, charged by Contractor to Customer will not exceed the awarded pricing, including any applicable discount, under any awarded contract.

ARTICLE 28: BYRD ANTI-LOBBYING AMENDMENT

Byrd Anti-Lobbying Amendment (31U.S.C. 1352) – Contractors that apply or bid for an award exceeding $100,000 must file the required anti-lobbying certification. Each tier must certify to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant or any other award covered by 31 U.S.C. 1352. Each tier must also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the Customer. As applicable, Contractor agrees to file all certifications and disclosures required by, and otherwise comply with, the Byrd Anti-Lobbying Amendment (31 USC 1352).Contractor certifies that it is currently in compliance with all applicable provisions of the Byrd Anti-Lobbying Amendment (31 U.S.C. 1352) and will continue to be in compliance throughout the term of the Contract and further certifies that:

1. No Federal appropriated funds have been paid or will be paid by or on behalf of the Contractor, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of a Federal contract, the making of a Federal Grant, the making of a Federal Loan, the entering into a cooperative Master Agreement, and the extension, continuation, renewal, amendment, or modification of a Federal contract, grant, loan, or cooperative

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Master Agreement.

2. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing, or attempting to influence, an officer or employee of a Member of Congress in connection with a Federal contract, grant, loan, or cooperative Master Agreement, Contractor shall complete and submit Standard Form – LLL, "Disclosure Form to Report Lobbying", in accordance with its instructions.
3. Contractor shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative Master Agreements) and that all subcontractors shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certificate is a prerequisite for making or entering into this transaction imposed by Section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than $10,000 and not more than $100,000 for each such failure.

Unless otherwise noted, this amendment goes into effect on the date signed by **H-GAC.** All other terms and conditions of this Contract shall remain unchanged and in full force and effect.

IN WITNESS WHEREOF, the parties have caused this Agreement to be executed by their respective duly authorized representatives.

Signed for **Houston-Galveston Area Council,**
Houston, Texas

DocuSigned by:
82EC270D5D61423...
Chuck Wemple, Executive Director

Date: 12/28/2021

Signed for: **Consolidated Traffic Controls, Inc.**

DocuSigned by:
Bryan Jones
4CFC215BBD244A0...

Printed Name & Title: Bryan Jones Senior Vice President

Date: 12/27/2021

DocuSign Envelope ID: FB1DFE02-6418-4762-9ACA-A60F32982487

AMENDMENT No. 2 to CONTRACT No. PE05-21
For
Traffic Control, Enforcement & Signal Preemption Equipment
Between
HOUSTON-GALVESTON AREA COUNCIL
And
Consolidated Traffic Controls, Inc.

THIS AMENDMENT modifies the above referenced Contract as follows:

This contract is extended through April 30, 2024 Midnight CT.

Unless otherwise noted, this amendment goes into effect on the date signed by **H-GAC.** All other terms and conditions of this Contract shall remain unchanged and in full force and effect.

IN WITNESS WHEREOF, the parties have caused this Agreement to be executed by their respective duly authorized representatives.

Signed for **Houston-Galveston Area Council,**
Houston, Texas

DocuSigned by:
82EC270D5D61423...
Chuck Wemple, Executive Director

Date: 4/27/2023

Signed for: **Consolidated Traffic Controls, Inc.**

DocuSigned by:
Bryan Jones
4CFC215BBD244A0...

Printed Name & Title: Bryan Jones Senior Vice President

Date: 4/26/2023

Updated H-GAC Price List
Feb 6, 2024

https://www.hgacbuy.org/media/hgacbuy/catalogs/PE05-21/Consolidated-Traffic-Controls.zip

Consolidated Traffic Controls, Inc.
Serving The Traffic Industry Since 1980

HGACBuy
THE SMART PURCHASING SOLUTION

RTC School Flasher Systems

Flash Cube for School or 24 Hour Flashers

Must Add Solar Panels, Batteries, Poles, Anchors, Signs, Time Switches and Communication if Applicable

If you want a yellow Flash Cube Check Yes
If you want a yellow Signal Face Check Yes
If you want a yellow Visor Check Yes
If you want a Red LED Check Yes
If you want a 24 Hour Flasher Check Yes

CTC Part Number	Description	Unit Price
PNS10-FlashCube	Black DC Flash Cube Includes Cabinet, LED, Signal Face, Visor and Wiring and Solar Mounting Receiver	$ 1,639.00
PNS10-FlashCubeY	Yellow DC Flash Cube Includes Cabinet, LED, Signal Face, Visor and Wiring and Solar Mounting Receiver	$ 1,639.00
PNS10-FlashCube-G	Black DC Flash Cube With Guardian Includes Cabinet, Yellow LED, Signal Face, Visor and Wiring and Solar Mounting Receiver	$ 1,924.00
PNS10-FlashCube24	Black 24 Hour DC Flash Cube Includes Cabinet, Yellow LED, Signal Face, Visor and Wiring and Solar Mounting Receiver	$ 1,646.00
PNS10-FlashCube24RED	Black 24 Hour RED LED DC Flash Cube Includes Cabinet, Red LED, Signal Face, Visor and Wiring and Solar Mounting Receiver	$ 1,738.00
PNS10-FlashCube-AC	AC Black Flash Cube Includes Cabinet, Yellow LED, Signal Face, Visor and Wiring and Solar Mounting Receiver	$ 1,377.00
PNS10-Cube2	Add a Second Yellow LED, Signal, Visor and Mount to FlashCube	$ 416.00
PNS10-Cube3	Add a Third Confirmation Yellow LED, Signal, Visor and Mount	$ 416.00
	FlashCube Mounting Options	
PNS10-503396	Pole Mount 4.5" OD Pole	$ 161.00
PNS10-503396-3	Pole Mount 2 7/8 to 3.00" OD Pole	$ 164.00
PNS10-503398	Pole Mount 2 3/8" OD Pole	$ 157.00
PNS10-503397	Pole Mount 2"x 2" Unistrut Pole	$ 125.00
PNS10-503396W	Wooden Pole 4x4 or 6x6	$ 125.00
	FlashCube Solar Panel Options	
PNS10-502400-50A	50 Watt Solar Panel Assy incl Mount and Wiring	$ 293.00
PNS10-502400-65	65 Watt Solar Panel Assy incl Mount and Wiring	$ 406.00
	FlashCube Replacement LED's	
PNS10-502463	Amber Replacement Master LED W/ Regulator & Dimming for a School Flasher or 24 Hour Flasher	$ 350.00
PNS10-502463-8W-Red	Red Replacement Master LED W/ Regulator & Dimming for a 24 Hour Flasher	$ 350.00

School Zone Flashers

Select Cabinet, Solar Panel, Battery, IL LEDS, Signals, Signs, Poles, Time Switches and Comm. Equip. below)

If this is a 24 Hour Flasher Check Yes

Standard Cabinets WITH Guardian

PNS10-503333GK	One Battery Cabinet Including Panel No. 2 lock, Regulator and 4.5" Ubolt Mount 18W"x17H"x14" With Guardian	$	1,548.00
PNS10-503333-3GPTK	One Battery Cabinet Including Panel Three Point lock, Regulator and 4.5" Ubolt Mount 18W"x17H"x14"	$	1,507.00
PNS10-503333GHBK	One Battery Cabinet Including Panel No. 2 lock, Regulator and Hinge Bracket (All Poles Sizes) 18W"x17H"x14"D With Guardian	$	1,408.00
PNS10-503333GFBK	One Battery Cabinet Including Panel No. 2 lock, Regulator and Flared Bracket Mount 18W"x17H"x14"D With Guardian	$	1,408.00
PNS10-503568GK	Two Battery Cabinet Including Panel No. 2 lock, Regulator and 4.5" Ubolt Mount 17 1/4"x26"x17" With Guardian	$	1,574.00
PNS10-503576GK	Two Battery Cabinet Including Panel No. 2 lock, Regulator and Flare Mounting Bracket 17 1/4"x26"x17" With Guardian	$	1,574.00
PNS10-502565GK	AC Cabinet Including Panel, NEMA Flasher, #2 Lock 4.5" Flare Mount 14"x16"x10" With Guardian	$	1,339.00
PNS10-502564GK	AC Cabinet Including Panel, NEMA Flasher, #2 Lock 4.5" Ubolt Mount 14"x16"x10" With Guardian	$	1,339.00
PNS10-502564HBGK	AC Cabinet Including Panel, NEMA Flasher, #2 Lock 4.5" Hinge Bracket Mount 14"x16"x10" With Guardian	$	1,339.00
	Standard Cabinets WITHOUT Guardian		
PNS10-503333K	One Battery Cabinet Including Panel No. 2 lock, Regulator and 4.5" Ubolt Mount 18W"x17H"x14"	$	1,132.00
PNS10-503333-3PTK	One Battery Cabinet Including Panel Three Point lock, Regulator and 4.5" Ubolt Mount 18W"x17H"x14"	$	1,334.00
PNS10-503333HBK	One Battery Cabinet Including Panel No. 2 lock, Regulator and Hinge Bracket (All Poles Sizes) 18W"x17H"x14"D	$	1,132.00
PNS10-503333FBK	One Battery Cabinet Including Panel No. 2 lock, Regulator and Flared Bracket Mount 18W"x17H"x14"D	$	1,132.00
PNS10-503333-24K	One Battery Cabinet Including 24 hour flasher Panel No. 2 lock, Regulator and Flared Bracket Mount 18W"x17H"x14"D	$	1,132.00
PNS10-503568K	Two Battery Cabinet Including Panel No. 2 lock, Regulator and 4.5" Ubolt Mount 17 1/4"x26"x17"	$	1,297.00
PNS10-503576K	Two Battery Cabinet Including Panel No. 2 lock, Regulator and Flare Mounting Bracket 17 1/4"x26"x17"	$	1,297.00
PNS10-502565K	AC Cabinet Including Panel, NEMA Flasher, #2 Lock 4.5" Flare Mount 14"x16"x10"	$	897.00
PNS10-502564K	AC Cabinet Including Panel, NEMA Flasher, #2 Lock 4.5" Ubolt Mount 14"x16"x10"	$	897.00
PNS10-502564HBK	AC Cabinet Including Panel, NEMA Flasher, #2 Lock 4.5" Hinge Bracket Mount 14"x16"x10"	$	897.00
	Dallas Texas School Flasher Kits		
PNS10-DALDCSZ1+ 13-8A30 HE	DC School Zone Complete Upgrade into existing Cabinet, Including 65W Solar Panel, 2 Yellow Alum Heads w/ Yellow LEDs, Guardian, AP22, M2M Modem and 5Yr Plan, (Battery added on CTC Side)	$	3,964.00
PNS10-DALDCSZ2+ 13-8A30 HE	DC School Zone Partial Upgrade into existing Cabinet (No Solar Panel, No Heads or LEDs), Including Guardian, AP22, M2M Modem and 5Yr Plan, (Battery added on CTC Side)	$	2,718.00
	Tacoma Washington Schooll Flasher Kits		
PNS10-TACOMAM2MAC	AC Cabinet Including M2M Modem and 5 Yr Plan, Panel, CUBE Flasher, #2 Lock 4.5" Flare Mount 14"x16"x10"	$	2,756.00
PNS10-TACOMAM2MDC	DC Cabinet Including M2M Modem and 5Yr Plan, Panel, CUBE Flasher, #2 Lock 4.5" Flare Mount 14"x16"x10"	$	4,342.00
PNS10-502565TWCGK	Tacoma AC Cabinet & Panel ONLY, (No AP22, No Modem and Plan, No LED's or Signals)	$	962.00
	TXDOT Approved School Flasher System - Includes Timeswitch, Signals, LEDs, 40W Solar Panel, Top of Pole Mount and 110 Ah Batteries if DC (add Pole and Signs if needed)		

PNS10-TXDCSZ	TXDOT One Battery Cabinet Including Panel No. 2 lock, Regulator and Flare Bracket Mount	$	3,015.00
PNS10-TXDC2BATT	TXDOT Two Battery Cabinet Including Panel No. 2 lock, Regulator and Flare Bracket Mount	$	3,618.00
PNS10-TXACSZ	TXDOT AC Cabinet Including Panel, NEMA Flasher, #2 Lock Flare Bracket Mount	$	1,863.00
0	Enter $ amt. for Custom Cabinet If Applicable		
	If you want a BLACK Cabinet & Mount Check Yes and enter quantity below in Powder Coating		
	If you want a BLACK Pole Assembly Check Yes and enter quantity below in Powder Coating		
PNS10-Cab Black	Powder Coat Cabinet & Mounting Bracket Black	$	117.00
	Special Colors are available but take longer. Call for prices.		
	Regular Solar Panels		
	Includes 4.5" OD Pole Mount Hardware		
PNS10-SP20	20 Watt Solar Panel Assy incl Side Pole Mount and Wiring	$	320.00
PNS10-SP30	30 Watt Solar Panel Assy incl Side Pole Mount and Wiring	$	378.00
PNS10-SP50	50 Watt Solar Panel Assy incl Side Pole Mount and Wiring	$	358.00
PNS10-SP65	65 Watt Solar Panel Assy incl Top of Pole Mount and Wiring	$	612.00
PNS10-SP85	85 Watt Solar Panel Assy incl Top of Pole Mount and Wiring	$	659.00
PNS10-SP100	100 Watt Solar Panel Assy incl Top of Pole Mount and Wiring	$	672.00
PNS10-SP130	130 Watt Solar Panel Assy incl Top of Pole Mount and Wiring	$	807.00
PNS10-SP150	150 Watt Solar Panel Assy incl Top of Pole Mount and Wiring	$	905.00
	If you want to mount Panel to the shaft or Mast Arm of a Signal Pole Check Yes		
PNS10-503371IR	Iron Ridge 110 MPH Wind rated Mount	$	166.00
PNS10-503371IRS	Support Bracket to add Strength to Iron Ridge for 85 - 150 W Panel if Needed	$	122.00
	Batteries		
PNS10-506484-18	22 (was 18) Amp Hour Gel Cell Battery	$	107.00
PNS10-500645-36	36 Amp Hour Gel Cell Battery Interstate	$	202.00
PNS10-500645-53	53 Amp Hour Gel Cell Battery Interstate	$	283.00
PNS10-500645-104	104 Amp Hour Gel Cell Battery Interstate	$	463.00
PNS10-500645AGMI	110 Amp Hour AGM Battery Interstate (TXDOT Cabinets)	$	404.00
	Pole Assemblies (includes Base, Collar, Anchor Bolts and Grounding Lug)		
PNS10-POLE15SPALASSY	15' Spun Aluminum Pole, Base and Collar and Anchor Bolts	$	909.00
PNS10-POLE15SSASSY	15' Stainless Steel Pole, Base and Collar and Anchor Bolts	$	948.00
PNS10-POLE15BLKASSY	15' Spun Aluminum Pole, Base and Collar and Anchor Bolts Powdercoated Black	$	971.00
PNS10-POLE12SPALASSY	12' Spun Aluminum Pole, Base and Collar Anchor Bolts	$	848.00
PNS10-POLE20SPALASSY	20' Spun Aluminum Pole, Base and Collar and Anchor Bolts	$	1,023.00
	If you want to use a Screw-In Anchor instead of Anchor Bolts select an Anchor		
PNS10-		$	70.00
PNS10-501312SA4	4" Anchor Pelco PB-5364	$	623.00
PNS10-501312SA8	8" Anchor Pelco PB-5375	$	1,266.00
	12" Signals (Includes Visor, closure kit and Ubolt mounting hdwre)		
PNS10-SIGPY	12" Signal Heads Poly Yellow (1, 2 or 3 per flasher)	$	222.00
PNS10-SIGPB	12" Signal Heads Poly Black (1,2 or 3 per flasher)	$	222.00
PNS10-SIGAY	12" Signal Heads Aluminum Yellow (1, 2 or 3 per Flasher)	$	250.00
PNS10-SIGAB	12" Signal Heads Aluminum Black (1, 2 or 3 per flasher)	$	250.00
	If you want to use a Side by Side Mounting instead of Top and Bottom Check Yes		
	12" LED's		

PNS10-502463	12" Amber DC 5 Watt LED IL (RTC Standard) (1, 2 or 3 per flasher)	$	68.00
PNS10-502463YAC	12" Amber AC LED IL (1, 2 or 3 per flasher)	$	68.00
PNS10-502463-8W-Red	12" Red DC 8 Watt LED IL	$	85.00
	8" Signals & LEDs, Includes Visor, closure Kit and Ubolt Mount		
PNS10-SIG8PY	8" Signal Heads Poly Yellow	$	185.00
PNS10-SIG8AY	8" Signal Heads Aluminum Yellow	$	203.00
PNS10-502463-8L	8" Amber 5 Watt DC LED IL	$	77.00
PNS10-506493	8" Amber AC LED	$	77.00
	Static Signs (Includes Ubolt Mounting Hdwre, Banding on request)		
PNS10-S1S5-1-MPH?	S5-1 Speed Limit Sign High Vis Florescent Green (24"x48")	$	306.00
PNS10-501510	S5-1 Speed Limit Sign Engineer Grade Std Yellow (24"x48")	$	280.00
PNS10-S1S5-1-MPH-G-60	S5-1 Speed Limit Sign High Vis Florescent Green (30"x60")	$	525.00

What Speed Limit do you want on the sign?

MPH?
MPH?

If you want Banding Instead of Ubolt Check Yes

If You prefer Specific Times instead of While Flashing, Check Yes and add the times needed below

Am	Pm		
7:45 - 8:45	3:15 - 4:00		
PNS10-S1S7-1TK	Cell Phone Prohibited Sign (24"x18")	$	130.00
PNS10-S1S1-1-LGK	S1-1 School Pedestrian Sign Left WITHOUT Lines (36"x36") HV Green	$	348.00
PNS10-S1S1-1-RGK	S1-1 School Pedestrian Sign Right WITHOUT Lines (36"x36") HV Green	$	348.00
PNS10-S1S2-1-LGK	S2-1 School Pedestrian Sign Left WITH Lines (36"x36") HV Green	$	348.00
PNS10-S1S2-1-RGK	S2-1 School Pedestrian Sign Right WITH Lines (36"x36") HV Green	$	348.00
PNS10-S1R2-6PK	R2-6P "Fines Higher" Black and White 24"x18"	$	126.00
PNS10-S1S4-3P-K	S4-3P "School" Sign HV Green (10"x24")	$	98.00
PNS10-S1S4-4PK	S4-4P "When Flashing" Sign HV Black/White (10"x24")	$	87.00
PNS10-S1W11-15K	W11-15 "Ped/Bicycle Crossing" Sign HV Green (30"x30")	$	177.00
PNS10-S1S5-2K	S5-2 "End School Zone" Sign Black/White (24"x30")	$	177.00
PNS10-S1W16-7P24-GK	W16-7P Arrow Pointing Left to Crossing Sign (24"x12") HV Green	$	113.00
PNS10-S1W16-7P24-RGK	W16-7P Arrow Pointing Right to Crossing Sign (24"x12") HV Green	$	113.00
PNS10-S1W16-7P-GK	W16-7P Arrow Pointing Left to Crossing Sign (30"x18") HV Green	$	164.00
PNS10-S1W16-7PR-GK	W16-7P Arrow Pointing Right to Crossing Sign (30"x18") HV Green	$	164.00
PNS10-S1W16-9P-GK	W16-9P "Ahead" Sign (30"x18") HV Green	$	163.00
PNS10-502309	Sign Brackets ONLY (Signs come with Brackets)	$	44.00
	Edge Light School Zone Signs (Sign Only to add to existing battery cabinet installation) Includes 8 LED's (for 12 LED's add $150)		
PNS10-S1ELASSY	This line adds a Cabinet (Including Configurable Dimming and Configurable Flash Patterns), 50W Solar Panel, 22Ah Battery to ANY Edgelight© sign. Note: with one battery cabinet you can add an AP22 Time Switch, Guardian© and M2M communication to any sign from School Flasher Section. Pole Assembly also not included.	$	985.00
	What Size Pole will this sign and Cabinet be installed on?		Pole Size Here
PNS10-S1ELS5-1-15	S5-1 Speed Limit Edge Light Sign 15MPH (High Vis Florescent Green 24"x48")	$	1,222.00

If not 15 MPH, What Speed do you want on the sign?

If You prefer Specific Times instead of When Flashing, Check Yes and the times needed below

Am	Pm
7:45 - 8:45	3:15 - 4:00

PNS10-S1S1-1-30GK	S1-1 Edge Light School Pedestrian Sign Left WITHOUT Lines (Green) (30"x30")	$	1,128.00
PNS10-S1ELS1-1-RGK30K	S1-1 Edge Light School Pedestrian Sign Right WITHOUT Lines (Green) (30"x30")	$	1,162.00
PNS10-S1ELS1-1-LGK	S1-1 Edge Light School Pedestrian Sign Left WITHOUT Lines (Green) (36"x36")	$	1,162.00
PNS10-S1ELS1-1-RGK	S1-1 Edge Light School Pedestrian Sign Right WITHOUT Lines (Green) (36"x36")	$	1,162.00
PNS10-S1ELS2-1-LGK	S1-1 Edge Light School Pedestrian Sign Left WITH Lines (Green) (36"x36")	$	1,162.00
PNS10-S1ELS2-1-RGK	S1-1 Edge Light School Pedestrian Sign Right WITH Lines (Green) (36"x36")	$	1,162.00
PNS10-S1ELW16-7P24-GK	W16-7P Edge Light Arrow Pointing Left to Crossing Sign (Green) (24"x12")	$	1,080.00
PNS10-S1ELW16-7P24-RGK	W16-7P Edge Light Arrow Pointing Right to Crossing Sign (Green) (24"x12")	$	1,080.00
PNS10-S1ELW16-7P-GK	W16-7P Edge Light Arrow Pointing Left to Crossing Sign (Green) (30"x18")	$	1,070.00
PNS10-S1ELW16-7PR-GK	W16-7P Edge Light Arrow Pointing Right to Crossing Sign (Green) (30"x18")	$	1,070.00
PNS10-S1ELW16-9P-GK	W16-9P Edge Light "Ahead" Sign (Green) (30"x18")	$	1,070.00
PNS10-S1ELS7-1TK	Edge Light Cell Phone Prohibited Sign White (24"x18")	$	1,053.00
	Time Switches		
PNS10-503644	AP22 Time Switch W/ Harness	$	503.00
PNS10-503644TX	TXDOT/ELTEC Replacement AP22 Time Switch W/ Harness	$	503.00
PNS10-503644L	AP22 Time Switch LIGHTED Display W/ Harness	$	545.00
PNS10-503644B	AP22 Time Switch Without Harness	$	494.00
PNS10-503644BTX	TXDOT/ELTEC Replacement AP22 Time Switch W/O Harness	$	494.00
PNS10-501614	AP21 Time Switch W/ Harness	$	399.00
PNS10-501614B	AP21 Time Switch W/O Harness	$	390.00
PNS10-503645X	CPR 2102 without Pager W/O Harness for M2M or Radio Systems	$	497.00
PNS10-501628	ADD a CPR 2102 TXDOT/ELTEC Replacement Wiring Harness	$	49.00
PNS10-503518	ADD a CPR 2102 Replacement Wiring Harness	$	49.00
	RTC Time Switch M2M Upgrade Program		
PNS10-AP22 UPGR	AP22 Upgrade (Board Replacement) includes 5 Yr Warranty	$	311.00
PNS10-AP22 UPGR	AP22 Upgrade (NO Board Replacement)	$	155.00
PNS10-CPR UPGR	CPR 2102 Upgrade Years 1-5 (Board Replacement) 5 Yr Warranty	$	311.00
PNS10-CPR UPGR	CPR 2102 Upgrade Years 1-5 (NO Board Replacement)	$	155.00
PNS10-CPR UPGR10YR	CPR 2102 Upgrade Year 6 and up (Board Replacement)	$	368.00
	Guardian Flasher Monitoring System		
PNS10-Guard	DC Guardian Board with Complete 3 way Wiring Harness only (use to replace existing FCB Board and only if there is an existing functional 6 terminal regulator)	$	416.00
PNS10-Guard1	DC Guardian Board with Complete 3 way Wiring Harness mounted on small panel (use if there is an existing functional 6 terminal regulator)	$	452.00
PNS10-GuardTX	DC Guardian Board with Complete 3 way TXDOT Wiring Harness and Large Panel, includes a new 20A regulator	$	699.00
PNS10-Guard2	DC Guardian Board with Complete 3 way Wiring Harness and Large Panel, includes a new 20A regulator	$	699.00
PNS10-GuardAC1	AC Guardian (Blue Enclosure) with Complete 2 way Wiring Harness (to be wired into panel with existing NEMA Flasher)	$	471.00
PNS10-507403S	Optional Door Switch for DC Guardian	$	39.00
PNS10-507403SC	Optional Door Switch for AC Guardian	$	39.00
PNS10-502598KDA	Optional Knockdown Sensor for DC Guardian (alereadly included on AC Guard board) Note this is for a sensor install in our shop. Add labor for a retrofit installtion in the field.	$	99.00
PNS10-507403H2	DC Guardian Complete 3 Way Harness	$	29.00
PNS10-507403HACG	AC Guardian Complete 3 Way Harness	$	68.00
	M2M Systems		
PNS10-M2M5YR-4AK	Five Year Plan With Modem, Cell Service, Cable, Mount and Antenna	$	1,300.00
PNS10-M2M3YR-4AK	Three Year Plan With Modem, Cell Service, Cable, Mount and Antenna	$	1,100.00
PNS10-M2M1YR-4AK	One Year Plan With Modem, Cell Service, Cable, Mount and Antenna	$	900.00
PNS10-M2M5YR-RE	Five Year Cell Service Plan Only	$	720.00

PNS10-M2M3YR-RE	Three Year Cell Service Plan Only	$	540.00
PNS10-M2M1YR-RE	One Year Cell Service Plan Only	$	244.00
PNS10-M2M1MONTH-RE5	One MONTH Adder to renewal plan to match existing 5 YR service ONLY	$	12.00
PNS10-M2M1MONTH-RE3	One MONTH Adder to renewal plan to match existing 3 YR service ONLY	$	15.00
PNS10-M2M1MONTH-RE1	One MONTH Adder to renewal plan to match existing 1 YR service ONLY	$	20.00
PNS10-CANADA	Canadian Plans Per Year Adder	$	26.00
PNS10-503644	Include an AP22 with ANY Modem and Plan	$	438.00
PNS10-503644TX	Include a TXDOT AP22 with ANY Modem and Plan	$	438.00
PNS10-M2M4WA	Modem With Cable, Mount and Paddle Antenna	$	725.00
PNS10-M2MTSC	TSC Modem With Cable, Slide on Bracket, Antenna (Includes SIM card, plan billed directly to customer)	$	654.00
PNS10-M2M4WOA	Modem With Cable, Mount but no Antenna	$	633.00
PNS10-M2MOBSWAR-4G	Modem Obsolescence Warranty (ONLY for Use with 5 yr plan Renewals)	$	348.00
PNS10-M2MYagi	7-10 Db M2M Yagi Antenna with 15' Lead and 20" Offset Mounting Bracket	$	269.00
PNS10-506473	7-10 Db M2M Omni Puck Antenna with 3' Lead and Mounting Bracket	$	131.00
PNS10-506473MT	Internal Paddle Antenna	$	55.00
PNS10-M2MYCBL	M2M and E2 Y Programming Cable	$	43.00
PNS10-506475M2	Modem Cable for 3G or 4G modem	$	43.00
PNS10-M2MWRTY3	Additional 3 Year Warranty on Modem to get to 5 year total Warranty	$	176.00
	Central R2 Radio System		
PNS10-R2Master	Master 900 MHz Radio with Mounted 6dB OMNI Antenna & 50' Lead w/ Suppressor	$	1,170.00
PNS10-R2Remote	Remote 900 MHz with Mounted 10dB Yaggi Antenna & 25' Lead (Can be used as mobile Radio too)	$	965.00
PNS10-503648DM	Replacement Master Radio without Power Supply (No Antenna Included)	$	737.00
PNS10-503648DSA	Replacement Remote Radio without Power Supply (No Antenna Included)	$	737.00
	If either Replacement Radio is a Repeater please Check Yes		
PNS10-R2ESR2	ESR 902 Serial Port Server & Cables to connect existing radio to network	$	1,141.00
	E2 Ethernet Switch		
PNS10-503486	E2 Ethernet Switch Converter	$	307.00
PNS10-503486YC	E2 Y programming Cable	$	21.00
	Central R1 (MDS) Radio System (Existing Customers Only)		
PNS10-503646	Master MDS 900 MHz Radio Kit with Mounted 5dB OMNI Antenna & 50' Lead w/ Suppressor, Power Supply Bracket and 15' Cable	$	1,226.00
PNS10-503648CKIT	Remote MDS 900 MHz Radio with Mounted 10dB Yagi Antenna & 25' Lead w/ Suppressor	$	1,226.00
PNS10-505402	Replacement Master Radio without Power Supply or cable (No Antenna Included)	$	1,023.00
PNS10-503648C	Replacement Remote Radio without Power Supply (for AP22 or CPR2102 Antenna Included)	$	1,023.00
PNS10-503644LV	AP22 with Remote MDS 900 MHz Radio with Mounted Yagi Antenna and 40' Lead/ suppressor for Las Vegas Nevada	$	1,564.00
PNS10-503644EK	AP22 with Remote MDS 900 MHz Radio with Mounted Yagi Antenna and 40' Lead/ suppressor for Clark County	$	1,617.00
	If either Replacement Radio is a Repeater please Check Yes		
PNS10-501676F	Master MDS Radio and ESR 902 Ethernet Switch and Cables	$	2,508.00
	This LAN assembly comes with a 50 ft. antenna lead. If you need more (or less) cable, please call RTC at (800) 782-8721 for pricing.		

RTC Driver Feedback Signs

Size, Power, Color and Commuincation Options

After selecting the Sign, add the Color Sign Face required (Engineer Orange Available, Call RTC)

PNS10-DFS-AC11P	11" A/C "Stand Alone" Driver Feedback Sign to run a School Zone Flasher System (add Time Switch, Communication Plan/Gateway and Guardian Board, Lights and Poles as needed)	$	2,977.00
PNS10-DFS-DC11P	11" D/C "Stand Alone" Driver Feedback Sign includes (2) 22 Ah Batteries and 50 Watt Solar Panel (add Time Switch, Communication Plan/Gateway and Guardian Board as needed)	$	3,266.00
PNS10-S1R2-1-RDR12-Y3	SIGN "YOUR SPEED" YELLOW DECAL	$	-
PNS10-S1R2-1-RDR12-W3	SIGN "YOUR SPEED" WHITE DECAL	$	-
PNS10-S1R2-1-RDR12-G3	SIGN "YOUR SPEED" GREEN DECAL	$	-
PNS10-DFS-AC11	11" A/C Driver Feedback Sign to tie into existing A/C Cabinet (add Time Switch, Communication Plan/Gateway and Guardian Board as needed)	$	2,534.00
PNS10-DFS-DC11	11" D/C Driver Feedback Sign to tie into existing D/C Power (add Time Switch, Communication Plan/Gateway and Guardian Board as needed)	$	2,471.00
PNS10-S1R2-1-RDR12-Y	SIGN "YOUR SPEED" YELLOW DECAL	$	-
PNS10-S1R2-1-RDR12-W	SIGN "YOUR SPEED" WHITE DECAL	$	-
PNS10-S1R2-1-RDR12-G	SIGN "YOUR SPEED" GREEN DECAL	$	-
PNS10-DFS-AC12P	12" A/C "Stand Alone" Driver Feedback Sign (add Time Switch, Communication Plan/Gateway and Guardian Board as needed)	$	3,111.00
PNS10-DFS-DC12P	12" D/C "Stand Alone" Driver Feedback Sign includes (2) 22 Ah Batteries and 50 Watt Solar Panel (add Time Switch, Communication Plan/Gateway and Guardian Board as needed)	$	3,398.00
PNS10-S1R2-1-RDR12-Y3	SIGN "YOUR SPEED" YELLOW DECAL	$	-
PNS10-S1R2-1-RDR12-W3	SIGN "YOUR SPEED" WHITE DECAL	$	-
PNS10-S1R2-1-RDR12-G3	SIGN "YOUR SPEED" GREEN DECAL	$	-
PNS10-DFS-AC12	12" A/C Driver Feedback Sign to tie into existing AC Cabinet (add Time Switch, Communication Plan/Gateway and Guardian Board as needed)	$	2,686.00
PNS10-DFS-DC12	12" D/C Driver Feedback Sign to tie into existing D/C Power (add Time Switch, Communication Plan/Gateway and Guardian Board as needed)	$	2,629.00
PNS10-S1R2-1-RDR12-Y3	SIGN "YOUR SPEED" YELLOW DECAL	$	-
PNS10-S1R2-1-RDR12-W3	SIGN "YOUR SPEED" WHITE DECAL	$	-
PNS10-S1R2-1-RDR12-G3	SIGN "YOUR SPEED" GREEN DECAL	$	-
PNS10-DFS-AC15P	15" A/C "Stand Alone" Driver Feedback Sign (add Time Switch, Communication Plan/Gateway and Guardian Board as needed)	$	3,266.00
PNS10-DFS-DC15P	15" D/C "Stand Alone" Driver Feedback Sign includes (2) 22 Ah Batteries and 50 Watt Solar Panel (add Time Switch, Communication Plan/Gateway and Guardian Board as needed)	$	3,533.00
PNS10-S1R2-1-RDR15-Y	SIGN "YOUR SPEED" YELLOW DECAL	$	-
PNS10-S1R2-1-RDR15-W	SIGN "YOUR SPEED" WHITE DECAL	$	-
PNS10-S1R2-1-RDR15-G	SIGN "YOUR SPEED" GREEN DECAL	$	-
PNS10-DFS-AC15	15" A/C Driver Feedback Sign to tie into an existing AC Cabinet (add Time Switch, Communication Plan/Gateway and Guardian Board as needed)	$	3,011.00
PNS10-DFS-DC15	15" D/C Driver Feedback Sign to tie into existing D/C Power (add Time Switch, Communication Plan/Gateway and Guardian Board as needed)	$	2,947.00
PNS10-S1R2-1-RDR15-YS	SIGN "YOUR SPEED" YELLOW DECAL	$	-
PNS10-S1R2-1-RDR15-WS	SIGN "YOUR SPEED" WHITE DECAL	$	-
PNS10-S1R2-1-RDR15-GS	SIGN "YOUR SPEED" GREEN DECAL	$	-
PNS10-DFS-AC18P	18" A/C "Stand Alone" Driver Feedback Sign (add Time Switch, Communication Plan/Gateway and Guardian Board as needed)	$	3,832.00
PNS10-DFS-DC18P	18" D/C "Stand Alone" Driver Feedback Sign includes (2) 22 Ah Batteries and 50 Watt Solar Panel (add Time Switch, Communication Plan/Gateway and Guardian Board as needed)	$	4,100.00
PNS10-S1R2-1-RDR18-Y	SIGN "YOUR SPEED" YELLOW DECAL	$	-
PNS10-S1R2-1-RDR18-W	SIGN "YOUR SPEED" WHITE DECAL	$	-
PNS10-S1R2-1-RDR18-G	SIGN "YOUR SPEED" GREEN DECAL	$	-
PNS10-DFS-AC18	18" A/C Driver Feedback Sign to tie into existing AC Cabinet (add Time Switch, Communication Plan/Gateway and Guardian Board as needed)	$	3,497.00

PNS10-DFS-DC18	18" D/C Driver Feedback Sign to tie into existing D/C Power (add Time Switch, Communication Plan/Gateway and Guardian Board as needed)	$	3,432.00
PNS10-S1R2-1-RDR18-YS	SIGN "YOUR SPEED" YELLOW DECAL	$	-
PNS10-S1R2-1-RDR18-WS	SIGN "YOUR SPEED" WHITE DECAL	$	-
PNS10-S1R2-1-RDR18-GS	SIGN "YOUR SPEED" GREEN DECAL	$	-
PNS10-503644B	Add AP22 Time Switch to any Driver Feedback sign	$	494.00
PNS10-DFS-ELS1S5-MPH	Driver Feedback Accomodating (Cutout with Plexiglass) S5-1 Speed Limit Edge Light Sign Designte MPH (High Vis Florescent Green 30"x48") (includes Mounting Bracket)	$	1,492.00
PNS10-DFS-ELS1S5-MPHK	11" DC Driver Feedback Sign for an existing DC Power source With (Cutout with Plexiglass) S5-1 Speed Limit Edge Light Sign Designte MPH (High Vis Florescent Green 30"x48") (includes Mounting Bracket)	$	4,501.00
PNS10-DFS- WARR	Add One year warranty to any Driver Feedback Sign (up to three additional years)	$	65.00
PNS10-507413	Add Gateway Board (Communication Capability) if you are adding any of the plans below!!!	$	61.00
PNS10-M2M5YR-4AK	Add Five Year Communicaion Plan With Modem, RTC Connect™ Software, Premium "Always up" Cloud Based Data Storage, Cell Service, Cable, Mount and Antenna	$	1,300.00
PNS10-M2M3YR-4AK	Add Three Year Communicaion Plan With Modem, RTC Connect™ Software, Premium "Always up" Cloud Based Data Storage, Cell Service, Cable, Mount and Antenna	$	1,100.00
PNS10-M2M1YR-4AK	Add One Year Communicaion Plan With Modem, RTC Connect™ Software, Premium "Always up" Cloud Based Data Storage, Cell Service, Cable, Mount and Antenna	$	900.00
PNS10-507403DC	Add D/C Guardian Board (adds Guardian Board in place of the FCBD Board)	$	235.00
PNS10-ADD22AH	Add 2 more 22Ah Gel cell Batteries	$	220.00
	RTC Edgelight© Signs		
PNS10-S1ELASSY	This line adds a Cabinet (Including Configurable Dimming and Configurable Flash Patterns), 50W Solar Panel, 22Ah Battery to ANY Edgelight© sign. Note: with one battery cabinet you can add an AP22 Time Switch, Guardian© and M2M communication to any sign from School Flasher Section. Pole Assembly also not included.	$	985.00
PNS10-ELAC	A/C Circuit Board to make any Edgleight sign A/C	$	134.00
	Edge Light School Zone Signs (Sign Only to add to regular or existing battery cabinet installation) Ubolt Mounting Hdwre included, Banding available on request		
PNS10-S1ELS5-1-15	S5-1 Speed Limit Edge Light Sign 15MPH (High Vis Florescent Green 24"x48")	$	1,222.00
	If not 15 MPH, What Speed do you want on the sign?		MPH?
PNS10-S1S1-1-30GK	S1-1 Edge Light School Pedestrian Sign Left WITHOUT Lines (Green) (30"x30")	$	1,128.00
PNS10-S1ELS1-1-RGK30K	S1-1 Edge Light School Pedestrian Sign Right WITHOUT Lines (Green) (30"x30")	$	1,162.00
PNS10-S1ELS1-1-LGK	S1-1 Edge Light School Pedestrian Sign Left WITHOUT Lines (Green) (36"x36")	$	1,162.00
PNS10-S1ELS1-1-RGK	S1-1 Edge Light School Pedestrian Sign Right WITHOUT Lines (Green) (36"x36")	$	1,162.00
PNS10-S1ELS2-1-LGK	S1-1 Edge Light School Pedestrian Sign Left WITH Lines (Green) (36"x36")	$	1,162.00
PNS10-S1ELS2-1-RGK	S1-1 Edge Light School Pedestrian Sign Right WITH Lines (Green) (36"x36")	$	1,162.00
PNS10-S1ELW16-7P24-GK	W16-7P Edge Light Arrow Pointing Left to Crossing Sign (Green) (24"x12")	$	1,080.00
PNS10-S1ELW16-7P24-RGK	W16-7P Edge Light Arrow Pointing Right to Crossing Sign (Green) (24"x12")	$	1,080.00
PNS10-S1ELW16-7P-GK	W16-7P Edge Light Arrow Pointing Left to Crossing Sign (Green) (30"x18")	$	1,070.00
PNS10-S1ELW16-7PR-GK	W16-7P Edge Light Arrow Pointing Right to Crossing Sign (Green) (30"x18")	$	1,070.00
PNS10-S1ELW16-9P-GK	W16-9P Edge Light "Ahead" Sign (Green) (30"x18")	$	1,070.00
PNS10-S1ELS7-1TK	Edge Light Cell Phone Prohibited Sign White (24"x18")	$	1,053.00
	Edge Light Stop Signs (Edge Light Sign Only to add to regular or existing battery cabinet installation) Ubolt Mounting Hdwre included, Banding available on request		
PNS10-ELR1-1-30K	R1-1 Stop Edge Light Sign (30"x30", 8 LED's)	$	1,057.00
PNS10-ELR1-1-36K	R1-1 Stop Edge Light Sign (36"x36", 8 LED's)	$	1,078.00
PNS10-ELR1-1-48K	R1-1 Stop Edge Light Sign (48"x48", 8 LED's)	$	1,351.00

	Edge Light Pedestrian Crossing Signs (Edge Light Sign Only to add to regular or existing battery cabinet installation)		
PNS10-ELW11-2-36K	W11-2 Edge Light Pedestrian Sign Walking Left HV Green, No Lines (36"x36")	$	1,117.00
PNS10-ELW11-2R-36K	W11-2 Edge Light Pedestrian Sign Walking Right HV Green, No Lines (36"x36")	$	1,117.00
PNS10-ELW11-2K	W11-2 Edge Light Pedestrian Sign Walking Left HV Green, No Lines (30"x30")	$	1,083.00
PNS10-ELW11-2RK	W11-2 Edge Light Pedestrian Sign Walking Right HV Green, No Lines (30"x30")	$	1,083.00
PNS10-S1ELW16-7P24-GK	W16-7P Edge Light Arrow Pointing Left to Crossing Sign (Green) (24"x12")	$	1,080.00
PNS10-S1ELW16-7P24-RGK	W16-7P Edge Light Arrow Pointing Right to Crossing Sign (Green) (24"x12")	$	1,080.00
PNS10-S1ELW16-7P-GK	W16-7P Edge Light Arrow Pointing Left to Crossing Sign (Green) (30"x18")	$	1,070.00
PNS10-S1ELW16-7PR-GK	W16-7P Edge Light Arrow Pointing Right to Crossing Sign (Green) (30"x18")	$	1,070.00
PNS10-S1ELW16-9P-GK	W16-9P Edge Light "Ahead" Sign (Green) (30"x18")	$	1,070.00
	Edge Light Other Signs (Specify MUTCD Sign or ANY Other Sign)		
PNS10-	Describe ANY Sign on RTC Detail Tab (Include MUTCD Code if known and Size)	$	1,105.00
PNS10-	0	$	1,105.00
PNS10-	0	$	1,105.00
		$	-
	RTC Fire Station Warning Systems		
	Includes Cabinet, Push to Activate Sign, Fire Station Text and Truck Icon Sign, 50W Solar Panel and 53 Ah Battery for Solar Options		
	Add Poles, Pole Anchors, Signal Heads, Other Signs, LED's or RRFB's if Required		
	If you want to mount Cabinet to the shaft of a Signal Pole Check Yes		
	Activation Cabinet Options		
PNS10-600001A	Fire Station Warning System Facility and Remote Activated (for use with Handheld Device, Not Included)	$	3,403.00
PNS10-600001E	Opticom© Activated Transmission and Opticom© Receiving (Does not include GTT Opticom phase selector or detector or cable)	$	2,885.00
PNS10-600001RT	Radio Activated Transmission and Opticom© Receiving (Does not include GTT Opticom phase selector or detector or cable) Includes upgrade to 40 W Solar Panel	$	4,115.00
	Receiving Cabinet Options		
PNS10-600002R	DC Fire Station Receiving Cabinet From Facility or Remote (30 Watt Solar Panel and 53 AH Battery)	$	3,094.00
PNS10-600007R	AC Fire Station Receiving Cabinet From Facility or Remote (Part # 502507RR)	$	2,256.00
PNS10-502417A	Handheld Device - Remote Control (up to 1/2 Mile)	$	476.00
	Poles, Bases, Collars and Anchors		
PNS10-POLE15SPALASSY	15' Spun Aluminum Pole, Base and Collar and Anchor Bolts	$	909.00
PNS10-POLE15BLKASSY	15' Spun Aluminum Pole, Base and Collar and Anchor Bolts Powdercoated Black	$	971.00
	If you want to use a Screw-In Anchor instead of Anchor Bolts select an Anchor		
PNS10-		$	70.00
PNS10-501312SA4	4" Anchor Pelco PB-5364	$	623.00
PNS10-501312SA8	8" Anchor Pelco PB-5375	$	1,266.00
	12" Signals (Includes Visor, closure kit and Ubolt mounting hdwre)		
PNS10-SIGPY	12" Signal Heads Poly Yellow (1, 2 or 3 per flasher)	$	222.00
PNS10-SIGPB	12" Signal Heads Poly Black (1,2 or 3 per flasher)	$	222.00
PNS10-SIGAY	12" Signal Heads Aluminum Yellow (1, 2 or 3 per Flasher)	$	250.00
PNS10-SIGAB	12" Signal Heads Aluminum Black (1, 2 or 3 per flasher)	$	250.00
PNS10-	**If you want to use a Side by Side Mounting instead of Top and Bottom Check Yes**		
	12" LED's		
PNS10-502463	12" Amber DC 5 Watt LED IL (RTC Standard) (1, 2 or 3 per flasher)	$	68.00
PNS10-502463YAC	12" Amber AC LED IL (1, 2 or 3 per flasher)	$	68.00

	Change Solar and Battery Sizing		
PNS10-SUB100W	Substitute 100 Watt for 50 Watt Solar Panel	$	352.00
PNS10-SUB104A	Substitute 104Ah for 53Ah Battery	$	179.00

RTC Pedestrian Crossing Systems

Includes Cabinet, "Push to Activate" Sign, 50 Watt Solar Panel and 53 Ah Battery for Solar Stations

Add Poles, Pole Anchors, Signal Heads, LED's or RRFB's or Other Signs if Required

If you want to mount Cabinet to the shaft of a Signal Pole Check Yes

PNS10-600008INX	DC Pedestrian Crossing W/ Polara iNX APS Bluetooth Pushbutton	$	2,861.00
PNS10-600008M	DC Pedestrian Crossing Master W/ Bulldog Pushbutton (1 -2 Remotes)	$	2,800.00
PNS10-600008MA	DC Pedestrian Crossing Master W/ Bulldog Pushbutton (3 -6 Remotes)	$	3,082.00
PNS10-600008R	DC Pedestrian Crossing Remote W/ Bulldog Pushbutton	$	2,757.00
PNS10-600008UPGRD	DC Upgrde Kit from Bulldog to iDetect INX Polara APS Pushbutton (Includes One Panel and One Button)	$	1,450.00
PNS10-FlashCube-M	DC Flash Cube ™ Pedestrian Crossing Master W/ Bulldog Pushbutton (Includes One Flashing beacon)	$	1,888.00
PNS10-FlashCube-R	DC Flash Cube ™ Pedestrian Crossing Remote W/ Bulldog Pushbutton (Includes one flashing Beacon)	$	1,717.00
PNS10-600005M	AC Pedestrian Crossing Master W/ Bulldog Pushbutton (1-2 Remotes)	$	2,061.00
PNS10-600005MA	AC Pedestrian Crossing Master W/ Bulldog Pushbutton (3 or more remotes)	$	2,256.00
PNS10-600005ID	AC Pedestrian Crossing with Polara iDetect APS Pushbutton	$	1,924.00
PNS10-600005INX	AC Pedestrian Crossing with Polara iNX APS Pushbutton (Works as Master or Remote)	$	2,100.00
PNS10-600004R	AC Pedestrian Crossing Remote W/ Bulldog Pushbutton	$	2,022.00
PNS10-600005CONDUIT	AC Pedestrian Crossing Remote When Hardwired to Master W/ Bulldog Pushbutton but No Radio	$	1,695.00
PNS10-600005UPGRD	AC Upgrde Kit from Bulldog to iDetect or INX Polara APS Pushbutton (Includes One Panel and Two Buttons) for AC connection via Conduit across Street	$	2,116.00
PNS10-600005UPGRD2	AC Upgrde Kit from Bulldog to iDetect or INX Polara APS Pushbutton (Includes Two Panels and Two Buttons) for replacing exissting RADIO Communication across Street	$	2,509.00
PNS10-507403DC	Add D/C Guardian Board (adds Guardian Board in place of the FCBD Board)	$	235.00
PNS10-50643062	Gateway Radio for Ped Crossing	$	606.00
PNS10-506430N2	Node Radio for Ped Crossing	$	606.00
PNS10-Cube2	Add a Second Yellow LED, Signal, Visor and Mount to FlashCube	$	416.00
PNS10-Cube3	Add a Third Confirmation Yellow LED, Signal, Visor and Mount	$	416.00
PNS10-505500	Flood Lamp Kit for Ped Crossings (Includes Mounting)	$	442.00
PNS10-507418K	Flir Camera Passive detection for Ped Crossings (Incl Mounting)	$	2,977.00
PNS10-TBD	Angle Mounting Bracket for RRFB 9 (Mounts two RRFB's back to back)	$	160.00
	Change Solar and Battery Sizing		
PNS10-SUB100W	Substitute 100 Watt for 50 Watt Solar Panel	$	315.00
PNS10-SUB104A	Substitute 104Ah for 53Ah Battery	$	179.00
PNS10-503499ASSY	Remove Bulldog Pushbutton from Assembly	$	(238.00)
PNS10-503499INXK	Add a Second iNX APS Pushbutton	$	621.00
PNS10-503499ASSY	Add a Second Bulldog Pushbutton	$	238.00
PNS10-503499S	Polara 9X12 Push to Activate Sign	$	38.00
PNS10-501252	18AWG 2Cond Wire for Bulldog pushbutton install per foot	$	0.60
PNS10-502232	18AWG 7 Cond Wire for INX pushbutton install per foot	$	1.47
PNS10-502232-14	IMSA 6 Cond Wire for INX pushbutton (for Conduit Not Radio) install per foot	$	1.78
PNS10-APS MSG	Special Message Fee	$	40.00
	Signs for Ped Crossings (Includes U-Bolt Mounting)		
PNS10-S1W11-2-G-36K	W11-2 Pedestrian Sign Walking Left HV Green No Lines (36"x36")	$	350.00
PNS10-S1W11-2R-G-36K	W11-2 Pedestrian Sign Walking Right HV Green No Lines (36"x36")	$	350.00

PNS10-S1W11-2K	W11-2 Pedestrian Sign Walking Left HV Green No Lines (30"x30")	$	238.00
PNS10-S1W11-2RK	W11-2 Pedestrian Sign Walking Right HV Green No Lines (30"x30")	$	238.00
PNS10-S1W11-2-24GK	W11-2 Pedestrian Sign Walking Left HV Green No Lines (24"x24")	$	161.00
PNS10-500357AT	Bolt Kit for Back to Back Edge Light Signs or Back to Back RRFB's	$	29.00
PNS10-S1S2-1-LGK	S2-1 School Pedestrian Sign Left WITH Lines (36"x36") HV Green	$	348.00
PNS10-S1S2-1-RGK	S2-1 School Pedestrian Sign Right WITH Lines (36"x36") HV Green	$	348.00
PNS10-S1W16-7P24-GK	W16-7P Arrow Pointing Left to Crossing Sign (24"x12") HV Green	$	113.00
PNS10-S1W16-7P24-RGK	W16-7P Arrow Pointing Right to Crossing Sign (24"x12") HV Green	$	113.00
PNS10-S1W16-9P-GK	W16-9P "Ahead" Sign (30"x18") HV Green	$	163.00
	Edge Light Pedestrian Crossing Signs (Edge Light Sign Only to add to existing battery cabinet installation)		
PNS10-ELW11-2K	W11-2 Edge Light Pedestrian Sign Walking Left HV Green, No Lines (30"x30")	$	1,083.00
PNS10-ELW11-2RK	W11-2 Edge Light Pedestrian Sign Walking Right HV Green, No Lines (30"x30")	$	1,083.00
PNS10-ELW11-2-36K	W11-2 Edge Light Pedestrian Sign Walking Left HV Green, No Lines (36"x36")	$	1,117.00
PNS10-ELW11-2R-36K	W11-2 Edge Light Pedestrian Sign Walking Right HV Green, No Lines (36"x36")	$	1,117.00
PNS10-S1ELW16-7P24-GK	W16-7P Edge Light Arrow Pointing Left to Crossing Sign (Green) (24"x12")	$	1,080.00
PNS10-S1ELW16-7P24-RGK	W16-7P Edge Light Arrow Pointing Right to Crossing Sign (Green) (24"x12")	$	1,080.00
PNS10-S1ELW16-7P-GK	W16-7P Edge Light Arrow Pointing Left to Crossing Sign (Green) (30"x18")	$	1,070.00
PNS10-S1ELW16-7PR-GK	W16-7P Edge Light Arrow Pointing Right to Crossing Sign (Green) (30"x18")	$	1,070.00
PNS10-S1ELW16-9P-GK	W16-9P Edge Light "Ahead" Sign (Green) (30"x18")	$	1,070.00
PNS10-S1ELASSY	This line adds a Cabinet (Including Configurable Dimming and Configurable Flash Patterns), 50W Solar Panel, 22Ah Battery to ANY Edgelight© sign. Note: with one battery cabinet you can add an AP22 Time Switch, Guardian© and M2M communication to any sign from School Flasher Section. Pole Assembly also not included.	$	985.00
	RRFB's in Black Aluminum (Ubolt Mounting Hdwre, Banding Available on request)		
PNS10-503661D	Single Solar RRFB (No Confirmation Light) (Ubolt Mount)	$	697.00
PNS10-503661DB	Single Solar RRFB (No Confirmation Light) (Banding Mount)	$	697.00
PNS10-503661D2	Back to Back Solar RRFBs (No Confirmation Light) (3 Ubolt Mount)	$	1,450.00
PNS10-503661DC	Single Solar RRFB W/ Confirmation Light (Ubolt Mount)	$	788.00
PNS10-503661DCB	Single Solar RRFB W/ Confirmation Light (Banding Mount)	$	788.00
PNS10-503661DCC	Single Solar RRFB W/ Two Confirmation Lights (Ubolt Mount)	$	876.00
PNS10-503661DCCB	Single Solar RRFB W/ Two Confirmation Lights (Banding Mount)	$	876.00
PNS10-503661DC2	Back to Back Solar RRFBs W/ One Confirmation Light (Ubolt Mount)	$	1,531.00
PNS10-503661DC2B	Back to Back Solar RRFBs W/ One Confirmation Light (Banding Mount)	$	1,531.00
PNS10-503661DC3	Back to Back Solar RRFBs W/ Two Confirmation Lights (Ubolt Mount)	$	1,622.00
PNS10-503661DCC2	Back to Back Solar RRFBs W/ Four Confirmation Lights (UBolt Mount)	$	1,804.00
PNS10-503661A	Single AC RRFB (No Confirmation Light) (Ubolt Mount)	$	811.00
PNS10-503661AB	Single AC RRFB (No Confirmation Light) (Banding Mount)	$	811.00
PNS10-503661A2	Back to Back AC RRFBs (No Confirmation Light) (Ubolt Mount)	$	1,668.00
PNS10-503661AC	Single AC RRFB W/ Confirmation Light (Ubolt Mount)	$	894.00
PNS10-503661ACB	Single AC RRFB W/ Confirmation Light (Banding Mount)	$	894.00
PNS10-503661ACC	Single AC RRFB W/ two Confirmation Light (Ubolt Mount)	$	987.00
PNS10-503661ACCB	Single AC RRFB W/ two Confirmation Light (Banding Mount)	$	987.00
PNS10-503661AC2	Back to Back AC RRFBs W/ One Confirmation Light (Ubolt Mount)	$	1,752.00
PNS10-503661AC2B	Back to Back AC RRFBs W/ One Confirmation Light (Banding Mount)	$	1,752.00
	RRFB's in YELLOW Aluminum (Ubolt Mounting Hdwre, Banding Available on request)		
PNS10-503662D	Single Solar RRFB (No Confirmation Light) (Ubolt Mount)	$	697.00
PNS10-503662DB	Single Solar RRFB (No Confirmation Light) (Banding Mount)	$	697.00
PNS10-503662D2	Back to Back Solar RRFBs (No Confirmation Light) (3 Ubolt Mount)	$	1,450.00
PNS10-503662DC	Single Solar RRFB W/ Confirmation Light (Ubolt Mount)	$	788.00
PNS10-503662DCB	Single Solar RRFB W/ Confirmation Light (Banding Mount)	$	788.00
PNS10-503662DCC	Single Solar RRFB W/ Two Confirmation Lights (Ubolt Mount)	$	876.00
PNS10-503662DCCB	Single Solar RRFB W/ Two Confirmation Lights (Banding Mount)	$	876.00

PNS10-503662DC2	Back to Back Solar RRFBs W/ One Confirmation Light (Ubolt Mount)	$	1,531.00
PNS10-503662DC2B	Back to Back Solar RRFBs W/ One Confirmation Light (Banding Mount)	$	1,531.00
PNS10-503662DC3	Back to Back Solar RRFBs W/ Two Confirmation Lights (Ubolt Mount)	$	1,622.00
PNS10-503662DCC2	Back to Back Solar RRFBs W/ Four Confirmation Lights (UBolt Mount)	$	1,804.00
PNS10-503662A	Single AC RRFB (No Confirmation Light) (Ubolt Mount)	$	811.00
PNS10-503662AB	Single AC RRFB (No Confirmation Light) (Banding Mount)	$	811.00
PNS10-503662A2	Back to Back AC RRFBs (No Confirmation Light) (Ubolt Mount)	$	1,668.00
PNS10-503662AC	Single AC RRFB W/ Confirmation Light (Ubolt Mount)	$	894.00
PNS10-503662ACB	Single AC RRFB W/ Confirmation Light (Banding Mount)	$	894.00
PNS10-503662ACC	Single AC RRFB W/ two Confirmation Light (Ubolt Mount)	$	987.00
PNS10-503662ACCB	Single AC RRFB W/ two Confirmation Light (Banding Mount)	$	987.00
PNS10-503662ACCK	Back to Back AC RRFBs WW+S Flash Pattern W/ One Confirmation Light (Ubolt Mount)	$	2,032.00
PNS10-503662AC2	Back to Back AC RRFBs W/ One Confirmation Light (Ubolt Mount)	$	1,752.00
PNS10-503662AC2B	Back to Back AC RRFBs W/ One Confirmation Light (Banding Mount)	$	1,752.00
	Change the Solar Panel or Battery		
PNS10-SUB100W	Substitute 100 Watt for 50 Watt Solar Panel	$	352.00
PNS10-SUB104A	Substitute 104Ah for 53Ah Battery	$	179.00
	Pole Assemblies (includes Base, Collar, Anchor Bolts and Grounding Lug)		
PNS10-POLE15SPALASSY	15' Spun Aluminum Pole, Base and Collar and Anchor Bolts	$	909.00
PNS10-POLE15BLKASSY	15' Spun Aluminum Pole, Base and Collar and Anchor Bolts Powdercoated Black	$	971.00
PNS10-	**If you want to use a Screw-In Anchor instead of Anchor Bolts select an Anchor**	$	70.00
PNS10-501312SA4	4" Anchor Pelco PB-5364	$	623.00
PNS10-501312SA8	8" Anchor Pelco PB-5375	$	1,266.00
	12" Signals (Includes Visor, closure kit and Ubolt mounting hdwre)		
PNS10-SIGPY	12" Signal Heads Poly Yellow (1, 2 or 3 per flasher)	$	222.00
PNS10-SIGPB	12" Signal Heads Poly Black (1,2 or 3 per flasher)	$	222.00
PNS10-SIGAY	12" Signal Heads Aluminum Yellow (1, 2 or 3 per Flasher)	$	250.00
PNS10-SIGAB	12" Signal Heads Aluminum Black (1, 2 or 3 per flasher)	$	250.00
	If you want to use a Side by Side Mounting instead of Top and Bottom Check Yes		
	12" LED's		
PNS10-502463	12" Amber DC 5 Watt LED IL (RTC Standard) (1, 2 or 3 per flasher)	$	68.00
PNS10-502463YAC	12" Amber AC LED IL (1, 2 or 3 per flasher)	$	68.00

RTC Ala Carte Section

	Time Switches Ala Carte		
PNS10-503644B	AP22 Time Switch W/O Harness	$	494.00
PNS10-AP22H	AP22 Harness 48"	$	42.00
PNS10-504567	Program Transfer Cable PC to AP22/CPR/TR4	$	83.00
PNS10-500637	Program Transfer Cable Kit PC to AP22/CPR/TR4	$	88.00
PNS10-504558	AP22 Transfer Cable (Clock to Clock)	$	46.00
PNS10-AP22UP	AP22 Time Clock Upgrade and Warranty	$	163.00
PNS10-501614B	AP21 Time Switch W/O Harness	$	390.00
PNS10-503518	AP21 & CPR2102 Harness 48"	$	43.00
PNS10-500512	Program Transfer Cable PC to AP21 or AP21 to AP21	$	10.00
PNS10-500635D	Program Transfer Cable KIT PC to AP21 or AP21 to AP21	$	96.00
PNS10-500482	DB9 to RJ45 Adapter Cable	$	61.00
PNS10-500625	AP21TR AC Time Switch (No Keypad or Display)	$	202.00
PNS10-500634	AP21TR DC Time Switch (No Keypad or Display)	$	202.00

PNS10-500455	Base Relay for DCF 2 circuit Flasher and AP21TR	$	9.00
PNS10-505426	Adapter USB to DB9	$	59.00
PNS10-500517	Power Cord for all Time Switches	$	56.00
PNS10-507409	Memory Capacitor (was 501808)	$	10.00
PNS10-501532C	GPS Receiver W/ Harness	$	278.00
PNS10-506445CPWM-3	CPR 2102 Time Clock Upgrade and Warranty	$	166.00
PNS10-503525A	CPR 2102 Pager Antenna w/ 30' Lead	$	100.00
PNS10-501628	ADD a CPR 2102 TXDOT/ELTEC Replacement Wiring Harness	$	49.00
PNS10-503518	ADD a CPR 2102 Replacement Wiring Harness	$	49.00
	Communication Options: R1 and R2 Radio and Antenna Options		
PNS10-505472-11dB	11dB Omni Antenna with Mounting Bracket	$	592.00
PNS10-503525Y	10dB Yagi Antenna W/ Mounting Bracket, 25' Lead	$	296.00
PNS10-505472-5	5dB OMNI Antenna W/O Mounting Bracket, No Lead	$	230.00
PNS10-503525BE	3dB OMNI Antenna W/O Mounting Bracket, 30' Lead	$	111.00
PNS10-502356	Mounting Bracket for all Yagi Antennas	$	127.00
PNS10-505472-5B	Mounting Bracket For 5dB Omni Antenna on 1.5" pole (for 505472-5)	$	49.00
PNS10-500335E	Mounting Bracket For 5dB Omni, CPR Pager 3dB Omni Antennas on Solar Panel	$	40.00
PNS10-503349K	Banding Mount for Radio Antenna in AC Cabinet	$	226.00
PNS10-505472L-25	25' 240 Series Antenna Lead Only (No Lightning Suppressor)	$	40.00
PNS10-505472L-50	50' 240 Series Antenna Lead With Suppressor	$	261.00
PNS10-505472L-100	100' 400 Series Antenna Lead With Suppressor	$	328.00
PNS10-505472L-100BE	100' 400 Series Antenna Lead With Suppressor (for 503525BE, Fire Station WS)	$	352.00
PNS10-505472L-150	150' 400 Series Antenna Lead With Suppressor	$	420.00
PNS10-505433	Lightning Suppressor for Antenna Lead	$	65.00
PNS10-505476-2	ESR 902 Serial Port Server (No Cables)	$	1,056.00
PNS10-505476C	6 Foot Serial Cable from Radio to Switch	$	27.00
PNS10-505476EC	7 Foot Cat 5 Cable from LAN to Switch	$	16.00
PNS10-501257	2 Conductor Cable for RRFB Pigtail (Per Foot) (A/C Only)	$	1.00
	Solar and AC Cabinet Back Panels and Components		
PNS10-Eng	Specialty Panel Engineering Adder Per Hour	$	151.00
PNS10-503333UB	One Battery Cabinet Cabinet Only + Ubolt Mount	$	698.00
PNS10-503333FB	One Battery Cabinet - Cabinet Only + Flared Pole Mount	$	640.00
PNS10-503333HB	One Battery Cabinet - Cabinet Only + Hinge Bracket Mount	$	742.00
PNS10-502598SW	One Battery Cabinet - Panel Only	$	476.00
PNS10-502598SWG	One Battery Cabinet - Panel Only W/ Guardian	$	628.00
PNS10-503568	Two Battery Cabinet - Cabinet Only - Ubolt mount	$	1,013.00
PNS10-503576	Two Battery Cabinet - Cabinet Only - Flare Bracket mount	$	923.00
PNS10-503568-3PT	Houston Two Battery Cabinet - + 3PT Lock W/ Ubolt Mount	$	1,058.00
PNS10-501302K	Two Battery Cabinet - #2 Lock w/ Extended Shelf	$	905.00
PNS10-501302E	Extended Shelf for 501302 Two Battery Cabinet	$	147.00
PNS10-501302-3PT	Houston Two Battery Cabinet with Three Point lock (No Mounting Bracket)	$	879.00
PNS10-502598	Houston Two Battery Cabinet - Panel Only Add 50489-15 Regulator, and 500540 Flasher	$	421.00
PNS10-SFGP3LED	Grand Prairie Two Battery Cabinet (Complete with Radio and CPR 2102 Time Switch, Pole, base, anchor bolts, signals and LED's)	$	6,118.00
PNS10-502509TDI	A/C Panel for use with Polara INX Pushbutton	$	542.00
PNS10-501506A	D/C Panel for use with Polara INX Pushbutton	$	625.00
PNS10-501506	D/C Panel for use with Master RRFB W/ Polara Bulldog Pushbutton	$	1,119.00
PNS10-501505R	D/C Panel for use with Remote RRFB W/ Polara Bulldog Pushbutton	$	1,063.00
PNS10-502598GP	Grand Prairie Two Battery Cabinet Panel Only (Add 20A SS Regulator & DCF2)	$	303.00
PNS10-500341CCN-WK	Clark County AC School Cabinet and Panel Powder Coated White 20x12x11	$	1,388.00
PNS10-500341CCNK	Clark County AC School Cabinet and Panel	$	1,018.00
PNS10-500341CCNP-WK	Clark County AC RRFB Cabinet and Panel Powder Coated White 20x12x11	$	1,634.00

PNS10-500341CCN+PK	Clark County AC LED Pedestrian Crossing Cabinet, Powder Coated White and Panel w/ Nema Flasher (No Ped ISO) 20x12x11	$	1,284.00
PNS10-502598LCB	Panel Only for Two Battery Cabinet With Regulator	$	471.00
PNS10-502564	AC Cabinet - Cabinet Only + Ubolts	$	560.00
PNS10-502565K	AC Cabinet - Cabinet Only + Flared Pole Mount	$	733.00
PNS10-502565HAC	AC Cabinet - Cabinet Only + Hinge Bracket Mount	$	733.00
PNS10-502505	A/C Panel (NEMA Flasher Only, No Flash Transfer Relay)	$	263.00
PNS10-502507R	A/C Panel for Red Flasher w/ Conduit	$	575.00
PNS10-500533	NEMA Flasher	$	48.00
PNS10-502505P	Pelco Cabinet Replacement Panel (does not include AP22, M2M or Guard)	$	363.00
PNS10-500357	Mounting Bracket 4.5" Ubolt	$	75.00
PNS10-500357B	Mounting Bracket 4.5" Ubolt Powder Coated	$	61.00
PNS10-502364-4	Mounting Bracket - Flared for Signal Poles (AC cabinet needs one, DC cabinets need 2 each)	$	25.00
PNS10-502364HB	Mounting Bracket 4.5" Hinged Bracket (DC Cabinets)	$	172.00
PNS10-502364HBA	Mounting Bracket 4.5" Hinged Bracket (AC Cabinets)	$	195.00
PNS10-502598BP	DC Panel Assy (Quick Replacement/Small Footprint)	$	408.00
PNS10-502598GP	DC Panel Assy (Grand Prairie Spec)	$	393.00
PNS10-500540	DCF 2 circuit Flasher	$	173.00
PNS10-502598FCBD	Circuit Board Flasher Interface W/ Automotive Fuses and Dimming)	$	181.00
PNS10-500489-15	15 Amp Regulator PROSTAR LCD Screen (up to 250 Watt System)	$	298.00
PNS10-504459SS20	20 Amp Sun Saver Regulator Without LCD Display (up to 320 Watt System)	$	254.00
PNS10-501359	# 2 Key for Lock	$	4.00
PNS10-500380	# 2 Lock (includes 1 key)	$	34.00
PNS10-500316	# 1 (Police) Key for Lock	$	4.00
PNS10-500315	# 1 (Police) Lock (includes 1 key)	$	22.00
	Solar Panels (Wiring Kit and Mounting Brackets NOT Included)		
PNS10-502400-20	20 Watt Solar Panel ONLY	$	179.00
PNS10-502400-30	30 Watt Solar Panel ONLY	$	217.00
PNS10-502400-50	50 Watt Solar Panel ONLY	$	185.00
PNS10-502400-65	65 Watt Solar Panel ONLY	$	338.00
PNS10-502400-85	85 Watt Solar Panel ONLY	$	395.00
PNS10-502400-100	100 Watt Solar Panel ONLY	$	364.00
PNS10-502400-130	130 Watt Solar Panel ONLY	$	571.00
PNS10-502400-150	150 Watt Solar Panel ONLY	$	701.00
PNS10-502400-M	Banding Mounting Bracket 20-50 W for Most Pole Sizes (Includes Bolt Kit)	$	160.00
PNS10-503371U	Gimble Mount for 2" Square Pole for 20-50 W	$	293.00
PNS10-503371PK	Small Top of 4.5" Pole Mount Kit for 20-50 W	$	254.00
PNS10-503371A	Large Top of 4.5"Pole Gimble Mounting Bracket 65-100 W (Includes Bolt Kit)	$	332.00
PNS10-503368	Extra Large Gimble Mount for 4.5" Pole for 110-130 W	$	286.00
PNS10-503364B	Side of Pole Riser Mount 5'	$	502.00
	Poles & Anchors Ala Carte		
PNS10-501307	15' Spun Aluminum Pole (Pole Only)	$	478.00
PNS10-501310	Pole Base SPTX-1014	$	237.00
PNS10-501311	Pole Collar PB-5325	$	101.00
PNS10-501310GL	Grounding Lug PB-5378-BRS	$	22.00
PNS10-501312	Anchor Bolts Pelco 5306-GLV	$	70.00
PNS10-501312GR	Grounding Rod with Clamp and Wire	$	62.00
PNS10-501309M	Pole Cap PB-5402	$	20.00
PNS10-501307U-10	Telspar 2"x2" 14 Ga. Galvanized Post w/ 7/16" Holes 10 Feet	$	196.00
PNS10-501307U-12	Telspar 2"x2" 14 Ga. Galvanized Post w/ 7/16" Holes 12 Feet	$	228.00
PNS10-501307U-14	Telspar 2"x2" 14 Ga. Galvanized Post w/ 7/16" Holes 14 Feet	$	257.00
PNS10-501312U	Telspar 2.25"x2.25" 14 Ga. Galvanized Post receiver w/ 7/16" Holes 3 Feet	$	74.00

	Signal LED and Wiring Ala Carte		
PNS10-503365T	Banding for Side of Pole Signal Heads (One Bracket Only)	$	60.00
PNS10-502463	12" Amber DC 8 Watt LED IL (1, 2 or 3 per flasher) To Match Existing LED's ONLY	$	85.00
PNS10-503375	Mounting Hdwre Pelco SE-0567-PNC Single	$	87.00
PNS10-503375B	Mounting Hdwre Pelco SE-0567-PNC Single Black Powdercoat	$	91.00
PNS10-503375SSC	Mounting Hdwre S2S-2 Horizon Side by Side	$	117.00
PNS10-501304	Signal Closure Kit Yellow	$	7.00
PNS10-501304B	Signal Closure Kit Black	$	7.00
PNS10-504580S	Signal Wiring Kit	$	33.00
PNS10-501422BP	One Section Black Poly 12" Backplate (non Louvered)	$	105.00
PNS10-501422BPL	One Section Black Poly 12" Backplate (Louvered)	$	72.00
0	0	$	-
	TR4's		
PNS10-501661F4	TR4 GPS Time Reference (includes GPS Receiver, Power Cord and Wiring Harness)	$	675.00
PNS10-501532	GPS Receiver Only	$	250.00
PNS10-501661-4MDOT	TR4 GPS Time Reference for Missouri DOT (add 501532M)	$	421.00
PNS10-501532M	GPS Receiver Only for Missouri DOT	$	250.00
PNS10-501661-4K	TR4 Time Reference (W/O GPS)	$	360.00
PNS10-502586	TR4 72" Harness to GPS Receiver	$	75.00
PNS10-502585	TR4 72" Harness and Power Cord	$	55.00
PNS10-505495T	Processor Chip Upgrade (TR3 to TR4)	$	31.00
PNS10-501664	GPS Remote Mounting Assembly	$	563.00
	Other		
PNS10-501610P	Opticom IR Emitter Reader with Soft Side Pouch	$	620.00
PNS10-506440	Hardshell Pelican Case for Reader	$	143.00
PNS10-500632	Gate Opener Board for Opticom Gate Opener 2 Channel GTT 721	$	533.00
PNS10-501619-4	380 Card Rack for Gate Opener Board for Opticom Gate Opener 4 Channel GTT 721 w/ Timer	$	881.00
PNS10-501619	380 Card Rack with Harness	$	507.00
	RTC Installation Labor (CTC)		
CTCINSTALL	Fire Station Warning System includes 15' Pole – Screw in Anchor or Bolts 8 Hours - 1 man with a bucket truck $180+$75 and one man with a pickup $180	$	3,480.00
CTCINSTALL	School Flasher Installation includes 15' Pole – Screw in Anchor or Bolts 8 Hours - 1 man with a bucket truck $180+$75 and one man with a pickup $180	$	3,480.00
CTCINSTALL	Signal Cabinet Installation includes 15' Pole – Screw in Anchor or Bolts 8 Hours - 1 man with a pickup $180 and one man with a pickup $180	$	2,880.00
	RTC Repairs (does NOT include Pager on CPR2102)		
PNS10-AP22 REP1-5	AP22, CPR2102, AP21, AC or DC Guardian, FCB Or Anything RTC Repair Year 1-5 (Non Warranty)	$	138.00
PNS10-AP22 REP6+	AP22, CPR2102, AP21, AC or DC Guardian, FCB Or Anything RTC Repair Year 6+ (Non Warranty)	$	207.00
PNS10-CPRREPPG	CPR 2102 Pager Replacement ADD on to any repair	$	161.00
	Miovision		
	Miovision SmartLink, SmartSense and Core		
900-00044-001	Miovision SmartLink - Wireless connectivity and sensor hub, includes ruggedized TrafficLink Antenna -Will have SURCHARGE-SL sku attached after Jan 27, 2022.	$	3,483.00
900-00047-001	Miovision SmartLink SDLC A complete SmartLink hardware element that includes an embedded SDLC interface. -Will have SURCHARGE-SL sku attached after Jan 27, 2022.	$	4,644.00
900-00021-001	Miovision SmartSense - Multimodal video detection, basic traffic counts, and remote detection configuration. - Will have SURCHARGE-SS sku attached after January 27, 2022.	$	7,779.00

900-00039-001	Miovision SmartSense - Multimodal video detection, basic traffic counts, and remote detection configuration. - Will have SURCHARGE-SS sku attached after January 27, 2022.	$	7,779.00
900-00021-002	Miovision SmartSense (L3) - TERL approved modifications (FL Only) - Will have SURCHARGE-SS sku attached after January 27, 2022.	$	7,779.00
900-00039-002	Miovision SmartSense (L4) - TERL approved modifications (FL Only) - Will have SURCHARGE-SS sku attached after January 27, 2022.	$	7,779.00
900-00043-001	Miovision SmartView 360° Camera v1.1 - Includes Bell housing.	$	2,019.00
900-00051-001	The Miovision SmartView Approach is a per-approach camera adding advance detection capability. May require the optional PoE Switch.	$	1,812.00
900-00053-001	Miovision Core (NA) - Mioviison Core wireless connectivity, telemetry and sensor platform.	$	3,594.00
900-00053-002	Miovision Core with 960 GB SSD (NA). - Miovision Core wireless connectivity, telemetry and sensor platform with expanded 960 GB SSD.	$	4,523.00
900-00054-002	Miovision Core DCM (NA) - Miovision Core wireless connectivity, telemetry and sensor platform with Detection and Counts Hardware Module (DCM). Does not include the discrete detection connection in the DCM module.	$	12,110.00
900-00054-001	Miovision Core DCM (NA) - Miovision Core wireless connectivity, telemetry and sensor platform with Detection and Counts Hardware Module (DCM)	$	12,110.00
900-00054-003	Miovision Core DCM (NA) - Miovision Core wireless connectivity, telemetry and sensor platform with Detection and Counts Hardware Module (DCM) no discrete detection connection.	$	13,019.00
900-00054-004	Provides wireless connectivity, telemetry, and alert capabilities with Detection and Counts hardware Module (DCM) with Discrete Detection. Includes Core device with DCM, antenna, NYSDOT cables, and power supply.	$	12,110.00
900-00055-002	Miovision DCM Upgrade (NA) - Miovision Detection and Counts Module upgrade device no discrete detection connection. Requires Miovision Core (NA) hardware.	$	10,046.00
900-00055-001	Miovision DCM Upgrade (NA) - Miovision Detection and Counts Module upgrade device with discrete detection connection. Requires Miovision Core (NA) hardware.	$	10,046.00
800-00079-001	170 Controller Serial Cable (Wapiti) Serial cable that provides connection between 170 controllers (Wapiti) to Miovision SmartLink.	$	283.00
800-00004-001	55 POS ADAPT C CABLE	$	353.00
900-00064-001	6ft Premium - ITS Ready Ethernet Cable	$	10.00
430-00018-001	Camera Mount - Bell Only	$	151.00
800-00057-001	Camera Mount (no extension) - Horizontal - Clamp hub	$	283.00
430-00028-002	Camera Mounting Hub - Banding	$	106.00
430-00028-001	0	$	126.00
160-00024-001	Cellular Antenna (Rabbit Ear Style)	$	30.00
900-00072-001	Core Rack Mount Shelf. A 19" rack mount shelf for mounting Core or Core DCM in a TEES/33x cabinet.	$	202.00
800-00031-001	D-Cable for Econolite ASC2/3 - Cabinet side	$	252.00
800-00039-001	D-Cable for Econolite ASC2/3 - Controller side	$	252.00
800-00051-001	D-Cable for LMD40 Interface	$	505.00
800-00042-001	D-Cable for Naztech 900	$	252.00
800-00043-001	D-Cable for Naztech 900 (Interface to Cabinet)	$	252.00
800-00029-001	D-Cable for Peek Controller	$	252.00
800-00041-001	D-Cable for Siemens M50 - Cabinet side	$	252.00
800-00040-001	D-Cable for Siemens M50 - Controller side	$	252.00
800-00027-001	DB25 Serial Cable	$	15.00
800-00026-001	DB9 Serial Cable	$	15.00
900-00069-001	Discrete Detection IO Cable - compatible with SS/DCM	$	56.00
800-00087-001	Ethernet Cable - 100 ft with RJ45	$	162.00
800-00087-002	Ethernet Cable - 1000 ft with RJ45	$	1,615.00
115-00016-001	Ethernet Cable (feet)	$	1.01
115-00007-001	Ethernet Cable, CAT5E 4 ft.	$	7.00
900-00028-001	Ethernet Switch (non-PoE) - 5 Port	$	505.00

900-00073-001	Generic SDLC DB15M Straight DB25 - Compatible with DB15F adaptor cable for SmartSense or Core	$	79.00
SP-GPIO-CBL	GPIO Cable (DB-25)	$	131.00
160-00082-001	Miovision Core Power Supply	$	151.00
900-00062-001	Miovision Core Priority IO Cable	$	25.00
900-00061-001	Miovision Core SDLC Straight DB25	$	45.00
900-00060-001	Miovision Core SDLC DB15	$	61.00
800-00117-001	Miovision SmartLink - no cables or antenna	$	2,827.00
196-00005-001	Solid-state 512GB industrial temperature rated hard drive upgrade for the Miovision SmartLink	$	707.00
800-00069-001	Miovision SmartSense (no cables) - Multimodal video detection, basic traffic counts, and remote detection configuration	$	8,481.00
800-00083-001	Miovision SmartSense (L4) (No Cables)	$	8,481.00
800-00077-001	Naztech 980 Serial Cable Serial cable that provides connection between Naztec 980 controllers with no Ethernet port to Miovision SmartLink.	$	71.00
PoE Power Injector (Inline)	PoE Power Injector (Inline)	$	808.00
900-00059-001	PoE Switch to support Miovision Advanced Detection Camera	$	520.00
800-00018-001	Power Adapter for SmartLink and Interface	$	61.00
160-00043-001	Power Adapter for SmartSense	$	116.00
800-00080-001	SDLC DB25 Cable 6 ft.	$	56.00
900-00066-001	SDLC Y Cable (DB15) Miovision CORE	$	61.00
115-00017-001	SDLC Y-Cable	$	80.00
800-00072-001	SmartLink Enclosure (Steel, 16x16x6)	$	1,010.00
430-00010-001	SmartLink Rack Mount Accessory	$	46.00
800-00020-002	TrafficLink Antenna with LTE/WIFI/GPS/DSRC 6ft	$	252.00
900-00002-001	TrafficLink Interface (ABCD) - Adaptor device to allow connectivity to NEMA ABCD style controllers	$	2,019.00
900-00004-001	TrafficLink Interface (EF-140) - Adaptor device to allow connectivity to NEMA EF-140 style controllers	$	2,019.00
900-00019-001	TrafficLink Interface (LMD40)	$	2,019.00
900-00014-001	TrafficLink Interface (SDLC) - Adaptor device to allow connectivity to SDLC based controllers and detectors	$	1,010.00
900-00048-001	TrafficLink Network Integration	$	5,048.00
900-00038-001	Universal Camera Extension - 6ft extension used for both vertical and horizontal installs	$	404.00
900-00037-001	Universal Camera Mount with Universal Hub - Camera mount used for both vertical and horizontal installs	$	485.00
430-00039-001	Universal Hub - Mounting bracket to accommodate banding configurations for both vertical and horizontal installs	$	202.00
SP-PA-SPC	Standard Power Cord	$	5.00
SP-PA-PPC	Pigtail Power Cord	$	5.00
SmartLink Upgrade - Network I	SmartLink Upgrade - Network Integration Device	$	2,019.00
ASC Warranty	TrafficLink Extended Warranty (5 years)	$	1,767.00
S4011	TrafficLink Product Training (software and hardware) - Onsite or remote product training from Miovision Sales Engineer	$	2,524.00
Managed LTE Connectivity (1G	Managed LTE Connectivity (1GB) per intersection per 12 month term.	$	188.00
Managed LTE Connectivity (2G	Managed LTE Connectivity (2GB) per intersection per 12 month term.	$	363.00
Managed LTE Connectivity (3G	Managed LTE Connectivity (3GB) per intersection per 12 month term.	$	527.00
Managed LTE Connectivity (4G	Managed LTE Connectivity (4GB) per intersection per 12 month term.	$	678.00
Managed LTE Connectivity (5G	Managed LTE Connectivity (5GB) per intersection per 12 month term.	$	817.00
Managed LTE Connectivity (6G	Managed LTE Connectivity (6GB) per intersection per 12 month term.	$	944.00
Managed LTE Connectivity (7G	Managed LTE Connectivity (7GB) per intersection per 12 month term.	$	1,058.00
Managed LTE Connectivity (8G	Managed LTE Connectivity (8GB) per intersection per 12 month term.	$	1,159.00
Managed LTE Connectivity (9G	Managed LTE Connectivity (9GB) per intersection per 12 month term.	$	1,248.00
Managed LTE Connectivity (10	Managed LTE Connectivity (10GB) per intersection per 12 month term.	$	1,326.00

	TrafficLink Intersection Monitoring		
TrafficLink Cabinet Monitoring	Real time cabinet telemetry, smart infrastructure alerts, remote cabinet device access, and video streaming & recall through the web-based TrafficLink portal.	$	237.00
Miovision TrafficLink Safety An	Miovision TrafficLink Safety Analytics Includes red light runner and pedestrian compliance reports that provide immediate insight into vehicle and pedestrian behaviour to help you proactively identify unsafe intersections.	$	303.00
TrafficLink Continuous Counts	TrafficLink Continuous Counts Continuous multimodal traffic counts with cloud-based count storage, dashboard, reporting tools, API, configuration, and software updates.	$	909.00
TrafficLink: Partner Demo Softv	TrafficLink Partner Demo Software. Includes all software features (Communications, Performance, Detection).	$	606.00
TrafficLink: Performance	TrafficLink Performance Measures A cloud-hosted solution that proactively surfaces inefficient operations using ATSPM data. Users also have access to 12 ATSPM metrics for detailed analysis, Travel Time information, and a before/after comparison tool to measure impact.	$	909.00
Traffop Signal Performance Me	Traffop Signal Performance Measures Software annual subscription. Per Intersection/Per Year. Eligible for volume based discounts. See Miovision Sales Support.	$	909.00
Miovision Adaptive Traffic Sign	Miovision Adaptive Traffic Signal Control System	$	16,154.00
	Miovision Detection		
Miovision Detection	Video detection license to enable detection and actuation capability and configuration. Compatible with Miovision SmartSense.	$	4,336.00
	Miovision Detection Plus		
Miovision Detection Plus	Video detection license to enable detection and actuation capability and configuration. Compatible with Miovision SmartSense. The Detection Plus License includes access to to rolling 90-day Turning Movement Counts available for CSV export, and the following detection metrics: Arrivals on Red, Arrivals on Green, Occupancy Ratio and Phase Interval.	$	8,274.00
	Miovision Detection Plus Upgrade		
Miovision Detection Plus Upgra	Adds Detection Plus capability to a base detection license. Compatible with Miovision SmartSense. The Detection Plus License includes access to rolling 90-day Turning Movement Counts available for CSV export, and detection metrics: Arrivals on Red, Arrivals on Green, Occupancy Ratio and Phase Interval.	$	4,594.00
SmartLink Surcharge	Surcharge on the Miovision SmartLink Hardware	$	505.00
SmartSense Surcharge	Surcharge on the Miovision SmartSense Hardware	$	1,262.00
PS-ImplementationSvcs	Miovision Implementation (Configuration, Optimization, Consultation) Services on Miovision Adaptive Intersections.	$	2,524.00
PS-ImplementationSvcs-Traffo	Miovision installation and implementation of Traffop Services on Customer Traffic Network. Required upon initial purchase to implement the Traffop system.	$	5,048.00
PS-ImplementationSvcs-Traffo	Miovision installation and implementation of Traffop Services at Customer Intersections. Required for installation and implementation per intersection. Eligible for volume discounts as per Miovision Sales direction.	$	242.00
Miovision Adaptive Maintenan	Miovision Adaptive Maintenance and Support	$	2,524.00

GTT Opticom

GTT Opticom IR - Traffic

110283	Model 794H LED Emitter	$	1,473.00
110260	Model 792H Strobe Emitter	$	1,454.00
110261	793S Emitter Switch (On/Off Box)	$	278.00
110619	Model 762 Phase Selector	$	2,784.00
110610-MM	Model 764 Multimode Phase Selector	$	3,175.00
110245	Model 711 Detector	$	607.00
110258	Model 721 Detector	$	694.00
110247	Model 722 Detector	$	923.00

Trade In Trade Up Section

	Only Include the items that are eligible for the discount in this seaction		
110283	Model 794H LED Emitter	$	1,473.00
110260	Model 792H Strobe Emitter	$	1,454.00
110261	793S Emitter Switch (On/Off Box)	$	278.00
110619	Model 762 Phase Selector	$	2,784.00
110610-MM	Model 764 Multimode Phase Selector	$	3,175.00
110245	Model 711 Detector	$	607.00
110258	Model 721 Detector	$	694.00
110247	Model 722 Detector	$	923.00
GTT Trade In	Trade in Trade Up Discount 20.6248%		20.625%
	Oklahoma Discounted for Contractors		
110610-MM	Model 764 Multimode Phase Selector	$	3,175.00
110245	Model 711 Detector	$	607.00
110258	Model 721 Detector	$	694.00
110247	Model 722 Detector	$	923.00
GTT OK 40	Oklahoma 764 Discount 40%		40.000%
GTT OK 30	Oklahoma 711,721,722 Discount 30%		30.000%
	GTT Opticom GPS - Traffic		
110610-MM	Model 764 Multimode Phase Selector	$	3,175.00
110610-MMEW	Extended Warranty 764 MM Phase Selector	$	476.00
110620-MMEW	Extended Warranty 464 MM Phase Selector	$	607.00
110603-MM	Model 768 Auxiliary Panel	$	712.00
110603-MMEW	Extended Warranty 768 Aux Panel	$	107.00
110611	3100 GPS Radio Unit (Mast or Cabinet Mount)	$	3,153.00
110611-EW	Extended Warranty 3100 GPS Radio	$	473.00
110601	2100 GPS Preemption Vehicle Kit (Radio, Antenna, Cable, Install Kit)	$	3,706.00
110601EW	Extended Warranty 2000 Series Vehicle Kit	$	556.00
110617	GPS Intelligreen Fire Station System	$	7,378.00
110617EW	GPS Intelligreen 5 Yr Warranty	$	1,107.00
??	GPS Intelligreen External Activation	$	316.00
0	**GTT PCaaS**	$	-
PCaaSBASE	PCaaS Base Solution includes: Cloud Hosting, System Maintenance,Setup, Testing, Verification, Software Updates, Security Patches andmoreSetup, Testing, Verification, Software Updates, Security Patches andmore	$	2,171.00
PCaaSVEHHDW	EVP Application includes data access, vehicle hardware, installationand configuration, system monitoring and maintenance, reporting, on- site repair and replacement.	$	49.00
PCaaSVEHMOD	Vehicle Modem and Cellular Data* - per vehicle, per month	$	16.00
PCaaSINTHDW	Intersection Application includes data access, hardware, installationand configuration, monitoring, maintenance, reporting, and on-siterepair and replacement	$	71.00
PCaaSINTMOD	Intersection Modem and Cellular Data* - per vehicle, per month	$	16.00
0	**GTT Signal Core (Miovision Box)**	$	-
MIOHDW	Signal Core Hardware, Device, and Antenna	$	4,038.00
MIOONE	One Year of Service	$	649.00
MIOTEN	Ten Years of service	$	5,234.00
	GTT Opticom Multimode - Traffic		
110610-MM	Model 764 Multimode Phase Selector	$	3,175.00
110610-MMEW	Extended Warranty 764 MM Phase Selector	$	476.00
110603-MM	Model 768 Auxiliary Panel	$	712.00
110603-MMEW	Extended Warranty 768 Aux Panel	$	107.00

110253	Model 755 Four Channel Adapter Card	$	98.00
110611	3100 GPS Radio Unit (Mast or Cabinet Mount)	$	3,153.00
110611-EW	Extended Warranty 3100 GPS Radio	$	473.00
110283-MM	Model 794HM Multimode Emitter High Priority	$	1,690.00
110283-MMEW	Extended Warranty Model 794HM	$	254.00
110609	MM Vehicle Kit (2100 GPS VCU/Radio, 794HM, Cable & Hdwre)	$	5,057.00
110609EW	Extended Warranty MM Vehicle Kit	$	759.00
	GTT Opticom - Transit (Low Priority)		
110269	Model 794T LED Emitter	$	1,473.00
110269	Model 792T Strobe Emitter	$	1,531.00
110601	2000 Series GPS Preemption Vehicle Kit	$	3,706.00
110601EW	Extended Warranty 2000 Series Vehicle Kit	$	556.00
110283-MM (Low)	Model 794TM Multimode Emitter	$	1,690.00
110283-MMEW	Extended Warranty Model 794HM	$	254.00
76-1000-1298-0	4010 Universal Vehicle Computer Kit	$	2,681.00
76-1000-1242-0	211 Vehicle Interface Cable W/ Dead Reconing	$	232.00
	GTT Cable, Mounting & Accessories		
108001	External Mounting Cabinet	$	563.00
110216A	Model 138 Cable 500 Ft Roll (Per Ft.)	$	0.89
110216B	Model 138 Cable 1,000 Ft Roll (Per Ft.)	$	0.89
110605A	GPS Cable 500 Ft Roll (Per Ft.)	$	1.77
110605	GPS Cable 1,000 Ft Roll (Per Ft.)	$	1.77
201011	3/4" Narrow Hub (IR)	$	20.00
101001	Opticom Cable Hanger, 1/2" Wire, 7/16"-14 x 3/4"-14 NPT, Iron, Zinc 2	$	16.00
201011 (hub)	Mast Arm Mount (GPS)	$	114.00
100201	Model 380 Card Rack	$	492.00
110214	GTT Model 760 Card Rack (Incl. Harness)	$	566.00
78-8118-6560-5	760 Card Rack Harness Only	$	97.00
110284	Remote Code Reader (794 Emitters only)	$	454.00
PNS10-501610P	Handheld Code Reader (794 Only)	$	602.00
110282	Serial Comm Cable RS232 (Emitter Programming)	$	30.00
110270	790CS Y Cable (Required for Emitter Programming with Free Software)	$	555.00
78-8118-6620-7	794/494 & 792/492 Hardware Install Kit	$	102.00
110271	794/494 & 792/492 Emitter Cable Assy.	$	227.00
110613	Gps Radio Antenna 1050 White	$	254.00
	GTT Software		
0	Opticom On-Site Software Kit (Included)	$	-
110280	Opticom TSP Software (Includes One Yr Maint Required)	$	1,170.00
76-1000-1296-1	First Year Maint for TSP Software	$	176.00
76-1000-1297-0	Advanced Signal Management Software (Includes One Yr Maint Required)	$	1,760.00
0	First Year Maint for ASM Software	$	264.00
76-1000-1308-0	Vehicle Management Software (Plus One Yr Maint Required)	$	277.00
0	First Year Maint for VM Software	$	41.00
76-1000-1305-0	CMS Software for Five Intersections	$	1,090.00
76-1000-1305-1-W	CMS Annual Maintenance per Intersection	$	150.00
76-1000-1425-0	CMS Software for Five Vehicles	$	1,090.00
76-1000-1306-1-W	CMS Annual Maintenance per Vehicle	$	150.00
Contact GTT	SMS Evacuation Module per Intersection (Call GTT for Quote)	$	-
0	Analytics Software Setup Charge (Call GTT for Quote)	$	-
	GTT Gate Opener Kits		
75-0301-4462-2	GTT Gate Opener Card Rack with 100 ft of 138 Cable	$	637.00
100124	Gate Opener Board for Opticom Gate Opener 2 Channel GTT 721	$	517.00

PNS10-501619-4	380 Card Rack for Gate Opener Board for Opticom Gate Opener 4 Channel GTT 721 w/ Timer	$	856.00
PNS10-501619-4	380 Card Rack with Harness	$	492.00
200201B	Infrared Gate Opener Kit includes 721 Detector, 762 Phase selector, RTC Gate Opener Card Rack Card Rack with 50 ft of 138 Cable, Narrow Hub	$	3,331.00
200201B 4 CHANN	***4 Channel***Infrared Gate Opener Kit includes 721 Detector, 764 Phase selector, RTC 4 Channel Gate Opener Card Rack Card Rack with 50 ft of 138 Cable, Narrow Hub	$	4,741.00
?	GPS Gate Opener Kit includes 3100 Detector, 764 MM Phase selector, RTC Gate Opener Card Rack Card Rack with 50 ft of 138 Cable, Narrow Hub	$	6,866.00
	GTT Installation and Health Check Labor (CTC)		
	CTC Labor: GPS Opticom Intersection Antenna on Mast Arm Two men Two pickups (Crash Truck) 5 hours each 10 hours total GPS Opticom Intersection Antenna on Cabinet, One Man 3 hours GPS Vehicle 5 Hours One Man IR Intersection 10 Hours One Man IR Emitter Install 4 Hours One Man Intelligreen System or RTC Warning System 8 Hours each Two Men w/ Pickups, 16 Hours total First Time Health Check .5 Hours each		
CTCINSTALL	Annual Maint 1.5 Hours each Intersection	$	180.00
CTCINSTALL	Bucket Truck Upcharge (Include Both Drive and On Site Time)	$	75.00
	GTT Canoga		
	GTT Canoga Note: Measurement, Carriers and install need to be included with any quote of Canoga Microloops (non invasive and triple Loops also available		
110329	944 Four Channel Card (Two Lanes Speed and Length)	$	1,963.00
110330	9004 Four Channel Card	$	1,355.00
110328	922 Two Channel Card (Two Lanes Speed and Length)	$	1,077.00
110327	924X Two Channel Card (Two Lanes Speed and Length)	$	1,113.00
0	Config Software for Canoga C900 Vehicle or 944 Cards (Different software for each product- Specify)	$	-
0	Cable, Null Modem, 9 pin 15 ft	$	52.00
111501	1000 ft Spool Home run cable per FT	$	1.59
78-8114-5717-1	Installaton Kit 702 Non invasive Microloop	$	316.00
78-8114-5707-2	Installaton Kit 7002 Non-Invasive Microloop	$	101.00
78-8118-6123-2	Carrier Package@ 25 Units 702 Non Invasive Microloops	$	274.00
78-8118-6124-0	Carrier Package@ 50 Units 702 Non Invasive Microloops	$	601.00
75-0301-3114-0	701-1 Single Microlooop with 75 ft Cable	$	337.00
75-0301-3115-7	701-1 Single Microlooop with 150 ft Cable	$	414.00
75-0301-3116-5	701-1 Single Microlooop with 250 ft Cable	$	379.00
75-0301-3117-3	701-1 Single Microlooop with 500 ft Cable	$	529.00
75-0301-3118-1	701-1 Single Microlooop with 1000 ft Cable	$	827.00
75-0301-3119-9	701-2 Double Microlooop with 75 ft Cable	$	659.00
75-0301-3120-7	701-2 Double Microlooop with 150 ft Cable	$	553.00
75-0301-3121-5	701-2 Double Microlooop with 250 ft Cable	$	612.00
75-0301-3122-3	701-2 Double Microlooop with 500 ft Cable	$	762.00
75-0301-3123-1	701-2 Double Microlooop with 1000 ft Cable	$	1,060.00
	Polara Pushbuttons and APS		
	Ped Detection Push Buttons (Std.) Polara Bulldog		
	Bulldog Buttons & Misc		
87 - BDL3-Y	Bulldog Button Latch and Momentary Yellow	$	86.00

87 - BDL3-B	Bulldog Button Latch and Momentary Black	$	86.00
87 - BDSP-014-Y	Bulldog Button Yellow (TS1 Only)	$	86.00
87 - BDSP-014-B	Bulldog Button Black (TS1 Only)	$	86.00
87 - BDSP-010-Y	Bulldog Button NO LED Yellow	$	91.00
87 - BDSP-010-B	Bulldog Button NO LED Black	$	91.00
87 - BDL3AL-Y	Bulldog Button Yellow - Left Arrow	$	98.00
87 - BDL3AL-B	Bulldog Button Black - Left Arrow	$	98.00
87 - BDL3AR-Y	Bulldog Button Yellow - Right Arrow	$	98.00
87 - BDL3AR-B	Bulldog Button Black - Right Arrow	$	98.00
87 - BDPM3-Y	Bulldog Pole Universal Mount Yellow	$	15.00
87 - BDPM3-B	Bulldog Pole Universal Mount Black	$	15.00
87 - APBC2-Y	Bulldog Pushbutton Cup Aluminum Yellow	$	16.00
87 - APBC2-B	Bulldog Pushbutton Cup Aluminum Black	$	16.00
87 - ie. (BDL3CE-Y)	Bulldog One Time Custom Etching Fee (Add CE to Part number)	$	203.00
87 - RBDSP-014-Y-4H*	Rectangular Bulldog Button Yellow	$	94.00
87 - RBDSP-014-B-4H	Rectangular Bulldog Button Black	$	94.00
	Bulldog 5X7		
87 - PBF2C-5X7-Y	5x7 Bulldog Button Frame Yellow	$	43.00
87 - PBF2C-5X7-B	5x7 Bulldog Button Frame Black	$	43.00
87 - PBFA9X12-Y	5x7 Coversion to 9X12 Bulldog Backplate Yellow	$	27.00
87 - PBFA9X12-B	5x7 Coversion to 9X12 Bulldog Backplate Black	$	27.00
87 - PBFA9X15-Y	5x7 Coversion to 9X15 Bulldog Backplate Yellow	$	34.00
87 - PBFA9X15-B	5x7 Coversion to 9X15 Bulldog Backplate Black	$	34.00
87 - 800-87	5x7 Reversable Sign (Hand Man) Option A	$	15.00
87 - 800-88	5x7 Bidirectional Sign (Hand Man) Option A	$	15.00
87 - 800-59	5x7 Reversable Sign (Flashing Hand) Option B	$	17.00
87 - 800-63	5x7 Bidirectional Sign (Flashing Hand) Option B	$	17.00
	Bulldog 9X12		
87 - PBF2C-9X12-Y	9X12 Bulldog Button Frame Yellow	$	63.00
87 - PBF9X12-B	9X12 Bulldog Button Frame Black	$	63.00
87 - 800H-69	9X12 Reversable Sign (Flashing Hand R10-3B) Option U	$	29.00
87 - 800H-72	9X12 Bidirectional Sign (Flashing Hand R10-3B) Option U	$	19.00
87 - 800-67	9X12 Reversable Sign (International) Option D	$	20.00
87 - 800-70	9X12 Bidirectional Sign (International) Option D	$	20.00
87 - 800-85	9X12 Reversable Sign (Countdown R10-3E) Option C	$	23.00
87 - 800-90	9X12 Bidirectional Sign (Countdown R10-3E) Option C	$	25.00
87 - 800H-86	9X12 Reversable Sign (MUTCD R10-3) Option V	$	23.00
87 - 800H-89	9X12 Bidirectional Sign (MUTCD R10-3) Option V	$	15.00
	Bulldog 9X15		
87 - PBF2C-9X15-Y	9X15 Bulldog Button Frame Yellow	$	71.00
87 - PBF9X15-B	9X15 Bulldog Button Frame Black	$	71.00
87 - 800H-84	9X15 Reversable Sign (Countdown R10-3E) Option T	$	36.00
87 - 800H-99	9X15 Bidirectional Sign (Countdown R10-3E) Option T	$	24.00
	Bulldog Push Button Control Units & Accessories	$	-
87 - PBCU	Push Button Control Unit A/C Powered	$	263.00
87 - PBCU-DC	Push Button Control Unit D/C Powered	$	282.00
87 - LPBCU2	Latching Push Button Control Unit	$	285.00
87 - PBCUHK-12	PBCU Hardware Kit 12' Cable (6 and 15 ft discontinued)	$	81.00
87 - BDPM3-Y	Bulldog Pole Mount - Yellow	$	15.00
87 - BDPM3-B'	Bulldog Pole Mount - Black	$	15.00
87 - PA-1Y	Pelco Poly Adaptor - Yellow	$	15.00
87 - PA-1B	Pelco Poly Adaptor - Black	$	15.00
87 - APBC2-Y	Push Button Cup - Yellow	$	16.00
87 - APBC2-B	Push Button Cup - Black	$	16.00
87 - INS-EXT-06	Push Button Frame Pole Extender 6"	$	135.00

87 - INS-EXT-12	Push Button Frame Pole Extender 12"	$	145.00
87 - PBF2S-4.5-B	PBF Adapter for 2 Frames on one 4.5" Pole (all sizes) Black	$	104.00
87 - PBF2S-4.5-B	PBF Adapter for 2 Frames on one 4.5" Pole (all sizes) Yellow	$	104.00
	iNS2 (SDLC Connector) 2 Wire Intellegent APS, (Base is always Black)		
87 - ICCU-S2+SDLCCP	ICCU - Shelf Model Including Hardware Kit, Power Supply and ICB and SDLC Cabinet Package	$	2,634.00
87 - ICCU-S2+ACCP	ICCU - Shelf Model Including Hardware Kit, Power Supply and ICB and All Cabinet Package	$	2,531.00
87 - ICCU-C2+SDLCCP	ICCU - Rack Mount Including Hardware Kit, Power Supply and ICB and SDLC Cabinet Package	$	2,529.00
87 - ICCU-S2	ICCU - Shelf Mount includes BIU Capability, Hardware Kit, Power Supply and ICB (add Cable package)	$	2,368.00
87 - ICCU-C2	ICCU - Rack Mount includes BIU Capability, Hardware Kit, Power Supply and ICB (add Cable package)	$	2,264.00
87 - ACCP	Any Cabinet Cable Package (includes Cables A, C, iN2-ICB	$	163.00
87 - SDLCCP	SDLC Cabinet Package (includes iN2-SDLC-YCABLE, Cables A,C, iN2-ICB)	$	266.00
87 - iN2-SDLC-CABLE	SDLC Cable - 6' Length	$	79.00
	iNS (50 Pin connector) 2 Wire Intellegent APS, (Base is always Black)		
87 - ICCU-S2+50PINADP	ICCU - Shelf Model Including 50 Pin Connector Hardware Kit, Power Supply and ICB	$	2,447.00
87 - ICCU-C2+50PINADP	ICCU - Rack Mount Including 50 Pin Connector Hardware Kit, Power Supply and ICB	$	2,343.00
87 - 50PINADP	50 Pin Cable Adapter for iCCU-S2	$	80.00
	iNS2 APS Miscellaneous		
87-iNS-SUB	iNS2 Setup box	$	390.00
cust msg	Special Message on Unit	$	29.00
Braile	Braile on Plastic Plate with Adhesive Back	$	41.00
87-Add -NA	No Arrow Button (Sign has arrow)	$	30.00
87-Add -BD	Bidirectional Button Add On	$	30.00
87-Add -ES	External Speaker (Allow 8-10 weeks)	$	98.00
	iNS/IDS Button Diaphram Replacement Assemblies		
87-850-491-1	iNS/iDS Button Diaphragm Assembly, Right/Left Arrow	$	28.00
87-850-491-2	iNS/iDS Button Diaphragm Assembly, Bi-Directional Arrow	$	41.00
87-850-491-3	iNS/iDS Button Diaphragm Assembly, No Arrow	$	41.00
	iNS2 and iDetect 5X7 Including 800-59 Reversable Sign		
87-iDS25EN0-Y	5X7 iDetect S2 APS Push Button Station Black/Yellow	$	455.00
87-iDS25EN0-B	5X7 iDetect S2 APS Push Button Station Black/Black	$	455.00
87-iNS25AN0-Y	5X7 iNS2 APS Push Button Station Black/Yellow	$	422.00
87-iNS25AN0-B	5X7 iNS2 APS Push Button Station Black/Black	$	422.00
87-800-59	5x7 Reversable Sign (Flashing Hand) Option B	$	17.00
87-800-63	5x7 Bidirectional Sign (Flashing Hand) Option B	$	17.00
87-800H-86	5x7 Reversable Sign (Hand Man) Option A	$	15.00
87-800H-89	5x7 Bidirectional Sign (Hand Man) Option A	$	15.00
	iNS2 and iDetect 9X12 Including 800-85 Reversable Sign		
87-iDS29RN0-Y	9X12 iDetect S2 APS Push Button Station Black/Yellow	$	499.00
87-iDS29RN0-B	9X12 iDetect S2 APS Push Button Station Black/Black	$	499.00
87-iNS29AN0-Y	9X12 iNS2 APS Push Button Station Black/Yellow	$	467.00
87-iNS29AN0-B	9X12 iNS2 APS Push Button Station Black/Black	$	467.00
87-800H-69	9X12 Reversable Sign (Flashing Hand) Option U	$	29.00
87-800H-72	9X12 Bidirectional Sign (Flashing Hand) Option U	$	19.00
87-800-85	9X12 Reversable Sign (Countdown) Option C	$	20.00
87-800-90	9X12 Bidirectional Sign (Countdown) Option C	$	20.00
	iNS2 and iDetect 9X15 Including 800H-84 Reversable Sign		
87-iDS23RN0-Y	9X15 iDetect S2 APS Push Button Station Black/Yellow	$	510.00
87-iDS23RN0-B	9X15 iDetect S2 APS Push Button Station Black/Black	$	510.00

87-iNS23TN0-Y	9X15 iNS2 APS Push Button Station Black/Yellow	$	477.00
87-iNS23TN0-B	9X15 iNS2 APS Push Button Station Black/Black	$	477.00
87-800H-84	9X15 Reversable Sign (Countdown) Option C	$	36.00
87-800H-99	9X15 Bidirectional Sign (Countdown) Option C	$	24.00
87-87-7YR	Extended Warranty to 7 years (Put a 1 in Quantity Box)		12%
	iNS3 3 Wire Intellegent APS, (Base is always Black)		
	iNS3 APS Miscellaneous		
87-iNS-SUB	iNS3 Setup box	$	390.00
cust msg	Special Message on Unit	$	29.00
Braile	Braile on Plastic Plate with Adhesive Back	$	41.00
87-Add -NA	No Arrow Button (Sign has arrow)	$	30.00
87-Add -BD	Bidirectional Button Add On	$	30.00
87-Add -ES	External Speaker (Allow 8-10 weeks)	$	98.00
87-iPHCU3S	Ped Head Control Unit (1 per Push Button)	$	248.00
87-iN3-CABLE-12	12' interconnect Cable (1 per Control Unit)	$	17.00
87-iN3-CABLE-25	25' interconnect Cable (1 per Control Unit)	$	36.00
87-iN-DGL	iNAV Bluetooth Dongle	$	68.00
87-iNS-CCK-Y-R1	iNS/iDS Color Change Kit- Old Plastics	$	32.00
87-iNS-CCK-Y-R2	iNS/iDS Color Change Kit- New Plastics	$	32.00
87-iNS-90DEGADPTR	90 Degree Reach or Orientation Adaptor	$	184.00
	iNS/IDS Button Diaphram Replacement Assemblies		
87-850-491-1	iNS/iDS Button Diaphragm Assembly, Right/Left Arrow	$	28.00
87-850-491-2	iNS/iDS Button Diaphragm Assembly, Bi-Directional Arrow	$	41.00
87-850-491-3	iNS/iDS Button Diaphragm Assembly, No Arrow	$	41.00
	iNS3 and iDetect 5X7 Including 800-59 Reversable Sign		
87-iDS35EN0-Y	5X7 iDetect S2 APS Push Button Station Black/Yellow	$	447.00
87-iDS35EN0-B	5X7 iDetect S2 APS Push Button Station Black/Black	$	447.00
87-iNS35AN0-Y	5X7 iNS3 APS Push Button Station Black/Yellow	$	415.00
87-iNS35AN0-B	5X7 iNS3 APS Push Button Station Black/Black	$	415.00
87-800-59	5x7 Reversable Sign (Flashing Hand) Option B	$	17.00
87-800-63	5x7 Bidirectional Sign (Flashing Hand) Option B	$	17.00
87-800H-86	5x7 Reversable Sign (Hand Man) Option A	$	15.00
87-800H-89	5x7 Bidirectional Sign (Hand Man) Option A	$	15.00
	iNS3 and iDetect 9X12 Including 800-85 Reversable Sign		
87-iDS39RN0-Y	9X12 iDetect S2 APS Push Button Station Black/Yellow	$	492.00
87-iDS39RN0-B	9X12 iDetect S2 APS Push Button Station Black/Black	$	492.00
87-iNS39AN0-Y	9X12 iNS3 APS Push Button Station Black/Yellow	$	459.00
87-iNS39AN0-B	9X12 iNS3 APS Push Button Station Black/Black	$	459.00
87-800H-69	9X12 Reversable Sign (Flashing Hand) Option U	$	29.00
87-800H-72	9X12 Bidirectional Sign (Flashing Hand) Option U	$	19.00
87-800-85	9X12 Reversable Sign (Countdown) Option C	$	20.00
87-800-90	9X12 Bidirectional Sign (Countdown) Option C	$	20.00
	iNS3 and iDetect 9X15 Including 800H-84 Reversable Sign		
87-iDS33RN0-Y	9X15 iDetect S3 APS Push Button Station Black/Yellow	$	502.00
87-iDS33RN0-B	9X15 iDetect S3 APS Push Button Station Black/Black	$	502.00
87-iNS33TN0-Y	9X15 iNS3 APS Push Button Station Black/Yellow	$	470.00
87-iNS33TN0-B	9X15 iNS3 APS Push Button Station Black/Black	$	470.00
87-800H-84	9X15 Reversable Sign (Countdown) Option C	$	36.00
87-800H-99	9X15 Bidirectional Sign (Countdown) Option C	$	24.00

Model X Pedestrian Crossing

	INX (No Control Unit Required)		
87-iNX9WN0-Y	9X12 APS Push Button Station Black/Yellow	$	457.00
87-iNX9WN0-B	9X12 APS Push Button Station Black/Black	$	457.00
87-iDX9SN0-Y	9X12 iDetect APS Push Button Station Black/Yellow	$	489.00

87-iDX9SN0-B	9X12 iDetect APS Push Button Station Black/Black	$	489.00
	Polara Installion Labor (CTC)		
CTCINSTALLPOLINT	APS Install (8 Navigators and CCU,No Wire Pulling) 8 Hours One Man	$	1,440.00
CTCINSTALLPOLINTWIRE	APS Install (8 Navigators and CCU,With Wire Pulling) 8 Hours One Man and 8 hours Two Men	$	2,880.00
CTCINSTALLPED	Pedestrian Crossing Flasher Installation including 15' Pole, Screw in Anchor or Bolts 8 Hours Two Men, two trucks	$	3,480.00
	Ped Signals (Countdown)		
	Ped Heads		
190006	Ped Head Poly Yellow	$	83.00
190109	Ped Head Aluminum Yellow drilled Left	$	153.00
191106	Ped Head Poly Black	$	83.00
191109	Ped Head Alum Black drilled left	$	153.00
0	**Clamshells**	$	-
190006C	Aluminum Clamshell Yellow	$	83.00
191109C	Aluminum Clamshell Black	$	83.00
	Ped Heads with Clamshells		
190110	16" Ped Head Aluminum Yellow with Clamshell	$	236.00
191110	16" Ped Head Aluminum Black With Clamshell	$	236.00
	Astro Bracs for Ped Heads		
20AS-0157-96	1W Ped Head (96" Cable)	$	232.00
20AS-0158-96	2W Ped Head (96" Cable)	$	369.00
	Leotek LED's for Ped Heads		
821002-IL-TXD	16" Full Hand/Man CD PED - Incand. Look 120 Vac	$	141.00
821002 48V	16" Full Hand/Man CD PED - Incand. Look 48 Vdc	$	195.00
	Ped Pole Assembly (Greater than 5' Pole)		
	Anchors, Poles, Bases and Collars		
201018	Anchor Bolts	$	64.00
20PB-5364	4" Screw in Anchor	$	522.00
300008	8" Screw in Anchor	$	1,133.00
201502	Square Base	$	211.00
Paint Adder	Painted Base	$	229.00
PB-5303-PNC	2 Piece Dec Cover	$	190.00
20PB-5378	Grounding Lug PB-5378-BRS	$	20.00
PNS-10-501312GR	Grounding Rod with Clamp and Wire	$	56.00
201020	Collar	$	90.00
PB-5325-PXX	Painted Collar	$	101.00
201001	8' Aluminum Pole	$	228.00
201001	10' Aluminum Pole	$	285.00
201001B	10' Aluminum Pole (Paint)	$	320.00
PB-5100-11-PNC	11' Aluminum Pole	$	313.00
PB-5100-11-PXX	11' Aluminum Pole (Paint)	$	352.00
201022	12' Aluminum Pole	$	342.00
201022B	12' Aluminum Pole (Paint)	$	384.00
201043-13	13' Aluminum Pole	$	370.00
201524	14' Aluminum Pole	$	399.00
201043	15' Aluminum Pole	$	427.00
201043B	15' Aluminum Pole (Paint)	$	480.00
201043-16	16' Aluminum Pole	$	456.00
201043-17	17' Aluminum Pole	$	484.00
201043-18	18' Aluminum Pole	$	513.00
201071	20' Aluminum Pole	$	570.00
201044-10	10' Aluminum Pole Schedule 80	$	473.00

201044	15' Aluminum Pole Schedule 80	$	695.00
201044-20	20' Aluminum Pole Schedule 80	$	931.00
PB-5200-10-GLV	Steel Pole 10'	$	505.00
PB-5201-10-PXX	Steel 10' Pole (Paint)	$	539.00
201041-15	Steel 15' Pole	$	757.00
PB-5200-15-GLV-PXX	Steel 15' Pole (Paint)	$	809.00
201007	Cap	$	18.00
PB-5402-PNC	Cap-Painted	$	24.00
Paint Adder	Paint for pole (per ft)	$	3.00
Certs	Material Certifications 5% of all Lines Certified (Put the $$ of all lines requiring Certs in the Quantity Box)		5%
	Decorative Pelco Poles		
AP-8705-12-PT-3.5-HB-P59	Versapole Assy. w/ Track Mtg. System, 12' w/3 1/2" Post top Tenon & Hamilton Base, Alum, Text Blk.	$	2,103.00
AP-8705-14-PT3.50-HB-P59	Versapole Assy. w/ Track Mtg. System, 14' w/3 1/2" Post top Tenon & Hamilton Base, Alum, Text Blk.	$	2,124.00
SH-1617-FL59-P59	Post Cap, Black Fleur Finial, Textured Black	$	50.00
AP-7530-85W-36LED-3K-UNV-T3-P59	Luminaire, Urban Series w/ skirted bell hood, 85W 36led, 3K, 120-277V, Type III, Text Black	$	3,222.00
AP-7432-P59	Luminaire Arm, Brace, Aluminum, Textured Black	$	248.00
SE-3350-P59	Signal Mnt. Assy, Versapole Upper & Lower Arms, Alum, Textured Black	$	222.00
AP-7435-42-FL59-P59	Street Name Sign Bracket, Alum, Black Fleur Finial, Textured Black	$	140.00
0	0	$	-
	Fort Worth Pelco Items (FW Pelco Color is 29)		
	Poles RTC Cabinets misc Hardware		
SE-3106-PNC	4 -1/2" OD Diameter Slip Fitter, 1-Way, Alum.	$	55.00
SE-0445-PNC	Hub Plate w/o Cable Guide w/ Set Screw, 1-1/2'' Nps, Alum (Unpainted)	$	22.00
SE-0457-PNC	Elbow 1-1/2'' Nps w/ Set Screws, Alum	$	18.00
SE-1100-PNC	Mounting kit, 4" (4-1/2" OD) Post, No coating	$	40.00
SE-0326-72-PNC	Nipple, 1-1/2 NPS x 1-1/2 NPT x 72 Alum	$	75.00
SE-4204-18-PNC	Nipple, 1-1/2 NPS x 1-1/2 NPT x 18 Alum	$	25.00
SE-4204-12-PNC	Nipple, 1-1/2 NPS x 1-1/2 NPT x 12, Alum.	$	20.00
SE-4204-06-PNC	Nipple, 1-1/2 NPS x 1-1/2 NPT x 12, Alum.	$	15.00
SE-4088-PNC	Closure Cap, Octagonal 1-1/2 x 1/2, Alum.	$	6.00
SE-0309-04-PNC	Nipple, All Thread 1-1/2 NPS x 4" Alum.	$	21.00
SE-4125-PNC	Nut, Conduit Lock, 1-1/2	$	3.00
SE-0346-PNC	Notched coupling 1 1/2" NPS x 2", alum	$	14.00
SE-0458-P29	Threaded -T Yellow	$	24.00
SE-0443-PNC	Hex nipple	$	8.00
SE-0354	Gasket	$	1.00
SE-3054-P01	Closure kit Yellow	$	6.00
SE-4242-M1-P29	Adapter, Tri-Bolt, 1-1/2" NPS w/o Studs, Alum-Yellow	$	25.00
SE-0436-72-P29	Yellow Nipple, 1-1/2" NPS x 72", Alum	$	75.00
AB-0502-4	Sign clamp, Sign Clamp w/ Hardware, Astro-Brac, 4", Alum	$	20.00
AG-3055-96	Astro-Brac Clamp Kit, Galaxy Hinged, 96" Galv Cable, Alum	$	130.00
SE-0457-P29	Ell, Serrated, 1-1/2" NPS w/ Double Set Screws, Alum, Powder Coated	$	20.00
SE-0471-PNC	Reducer bushing, 1-1/2 to 3/4 in.	$	8.00
AB-0160-45-PNC	Mini clamp kit	$	57.00
SE-3165-06-P29	Arm kit, 6 in.Yellow	$	50.00
SE-0567-P29	One way tri-stud, Yellow	$	76.00
SE-5186-P29	Two way tri-stud, Yellow	$	130.00
SH-0206-1.5-PNC	U-Bolt Sign Clamp Assy W/ Sign Mounting Hardware 1.5"	$	37.00
SE-4200-06-P29	Nipple, 1-1/2" NPTx 1-1/2" NPT x 6", Alum	$	22.00
Hose Clamp	GLIDESTORE 6-Inch Hose Clamps Stainless Steel (Adjustable 5.5 Inch – 6.2 Inch Diameter), Duct Clamps, Dryer Vent Hose Clamp,	$	17.00
LB-45CG HD	BRIDGEPORT LB-45CG 1-1/2 LB CONDUIT BODY W/COVER & GASKET.	$	30.00

201001	Pedestal Pole, 4" Alum 8' NPT Sch.40, spun alum, threaded at one end	$	228.00
201001	Pedestal Pole, 4" Alum 10' NPT Sch.40, spun alum, threaded at one end	$	285.00
PB-5334-1S-GL-PNC	PELCO 12 x 12 Base, Alum with Alum Door, 1Hex bolt,Ground Lug, No color	$	210.00
201020	Pole and base collar assembly, Alum, Square base (comes with the screws??)	$	91.00
503568-3PT HINGE BR	24"Hx 17"W x 16"D With 3 point locking and APC key lock On Con	$	1,019.00
503441CB	Panel Only 2 Battery Cabinet	$	42.00
SP20	20 Watt 12V Solar Panel Assy with mount and 15 ft of Wiring	$	330.00
Conduit	Alum conduit 1 1/2" X 10'	$	5.00

Ped Pushbutton Pole (5' or Less Pole)

Anchors, Poles, Bases and Collars

201018	Anchor Bolts	$	64.00
20PB-5364	4" Screw in Anchor	$	522.00
300008	8" Screw in Anchor	$	1,133.00
201502	Square Base	$	211.00
Paint Adder	Painted Base	$	229.00
PB-5303-PNC	2 Piece Dec Cover	$	190.00
20PB-5378	Grounding Lug PB-5378-BRS	$	20.00
PNS-10-501312GR	Grounding Rod with Clamp and Wire	$	56.00
201020	Collar	$	90.00
PB-5325-PXX	Painted Collar	$	101.00
201120-4	4' Aluminum Pole	$	114.00
201043-5	5' Aluminum Pole	$	142.00
PB-5200-04-GLV	Steel 4' Pole	$	245.00
PB-5201-05-GLV	Steel 5' Pole	$	260.00
201007	Cap	$	18.00
Paint Adder	Cap-Painted	$	24.00
Paint Adder	Paint for pole (per ft)	$	3.00

MH Corbin Traffic Counters & Measuring Equip

NC350 Traffic Analyzers

121877-350	Portable Traffic Analyzer NC350 Includes: Manual, Battery Charger w/US Plug	$	1,496.00
121877COVER	Protective Cover	$	190.00
121877CABLE	Interface Cable Assembly - USB	$	218.00
121877-300SFT	Highway Data Management Software (HDM -Full Verison)	$	1,271.00
70700052	Highway Data Management Software (HDM -Full Verison, Discounted if customer has previous version)	$	520.00
90300204	Poly Bags - Protective (package of 100)	$	40.00
70002031	Protective Cover Installation Kit- ASPHALT (Includes: 500 washers, screws, 5 bits)	$	439.00
70002030	Protective Cover Installation Kit- CONCRETE (Includes: 500 washers, screws, 5 bits)	$	404.00
121877CHARGER	Charger, NC300/NC200, 110 VAC, US Plug	$	63.00
121877BATERY	NC200 Replacement Battery	$	173.00
660101	Tapecoat Roll (12 inches x 75 feet per roll X 2 rolls)	$	513.00

Nitestar Distance Measuring Equipment

120659	GPS-DMI Pro (Includes GPS Unit, OBDII Cable, Display Cable, Garmin Antenna, Velcor Carrying Case)	$	1,149.00
120657	NS-50 NiteStar Distance Measuring Instrument	$	467.00
120668	NS-60 NiteStar Distance Measuring Instrument (RS-232 Port to connect to GPS)	$	646.00
120657-SS10	SS-10 Electronic Interface	$	240.00
120657-CABLEKIT	SS10 Standard Cable Kit (Includes: Sensor to NS Cable, and Sensor to Vehicle Cable. " Standard "Cables)	$	80.00
120608	1082F Wheel Proximity Sensor with U-Bolt	$	208.00
70004150	1030 Wiring Harness, to be used with the proximity sensor (Includes: Wiring Harness, Terminal Block, Fuse, etc.)	$	68.00

120655	OBD-II Interface Adapter DMI VDT Accessory	$	537.00
120615	NS-50/60 Mounting Bracket	$	39.00

Etherwan Ethernet Switches

Cellular Routers and Accessories:

C4G-4PIN-PT	1 x pigtail cable with 4 pin Molex connector, 3m / 10ft for C4G Desktop Router product lines for GPIO and power.	$	37.00
C4G-8PIN-PT	1 x pigtail cable with 8 pin Molex connector, 3m / 10ft for C4G Desktop Router product lines	$	37.00
C4G-DIN	Universal DIN Rail Router Mount for C4G Series. The router can be attached either on the side or flat on the bottom.	$	38.00
C4G-GPS1ANT	1 x GPS/GNSS (GPS, Galileo, Glonass, Beidou) Passive Antenna with 5m / 16ft cable SMA connector for C4G Router product line.	$	42.00
C4G-LTE2ANT	2 x LTE Antenna with SMA direct attach connector for EW-CELL4G product line.	$	60.00
C4G-M-4P3M	C4G-M-4P3M-PS LTE Router with integrated: LTE-A (CAT6 300M / 50M), GPS/GNSS, 4 x 10/100/1000 RJ45 Ethernet, USB-C Port, RS232, GPIO, IGN (ignition sense pin), 2 x Digital Inputs, Alarm Relay, RS485 half-duplex, IP54 enclosure. North American power adapter included.	$	1,122.00
C4G-M-4P3MW	C4G-M-4P3MW-PS LTE Router with integrated: LTE-A (CAT6 300M / 50M), GPS/GNSS, Wireless LAN (2.4/5 GHz), 4 x 10/100/1000 RJ45 Ethernet, USB-C Port, RS232, GPIO, IGN (ignition sense pin), 2 x Digital Inputs, Alarm Relay, RS485 half-duplex, IP54 enclosure. North American power adapter included.	$	1,289.00
C4G-M-4P6FW	C4G-M-4P6FW-PS FirstNet Ready LTE Router with integrated: LTE-A PRO (CAT12 600M with B14 NA support), GPS/GNSS, Wireless LAN (2.4/5 GHz), 4 x 10/100/1000 RJ45 Ethernet, USB-C Port, RS232, GPIO, IGN (ignition sense pin), 2 x Digital Inputs, Alarm Relay, 485 half-duplex, IP54 enclosure. North American power adapter included.	$	1,842.00
C4G-M-4P6M	C4G-M-4P6M-PS LTE Router with integrated: LTE-A PRO (CAT12 600M / 150M), GNSS, 4 x 10/100/1000 RJ45 Ethernet, USB-C Port, RS232, GPIO, IGN (ignition sense pin), 2 x Digital Inputs, Alarm Relay, RS485 half-duplex, IP54 enclosure. North American power adapter included.	$	1,405.00
C4G-M-4P6MW	C4G-M-4P6MW-PS LTE Router with integrated: LTE-A PRO (CAT12 600M / 150M), GPS/GNSS, Wireless LAN (2.4/5 GHz), 4 x 10/100/1000 RJ45 Ethernet, USB-C Port, RS232, GPIO, IGN (ignition sense pin), 2 x Digital Inputs, Alarm Relay, RS485 half-duplex, IP54 enclosure. North American power adapter included.	$	1,586.00
C4G-PSU-US	1 x PSU 12 VDC / 2 A with 4 pin Molex connector, 1.8m / 6ft cable and NA wall plug for C4G Desktop Router product lines.	$	64.00
C4G-PSU-US-H	Power Supply, Hardened (-40C - +75C) External, TS2 rated; Input Rating - 90-264VAC (47-63Hz), Output Rating 45W, 12VDC, 0-3.7A for C4G Desktop Router product lines.	$	124.00
C4G-S-1P3M	C4G-S-1P3M-PS LTE Router with integrated: LTE-A (CAT6 300M / 50M), GPS/GNSS, 1 x 10/100/1000 RJ45 Ethernet, USB-C Port, RS232, GPIO, IGN (ignition sense pin), IP54 enclosure. North American power adapter included.	$	962.00
C4G-S-1P6M	C4G-S-1P6M-PS LTE Router with integrated: LTE-A PRO (CAT12 600M / 150M), GPS/GNSS, 1 x 10/100/1000 RJ45 Ethernet, USB-C Port, RS232, GPIO, IGN (ignition sense pin), IP54 enclosure. North American power adapter included.	$	1,103.00
C4G-PSU-US	1 x PSU 12 VDC / 2 A with 4 pin Molex connector, 1.8m / 6ft cable and NA wall plug for C4G Desktop Router product lines.	$	52.00
C4G-PSU-US-H	Power Supply, Hardened (-40C - +75C) External, TS2 rated; Input Rating - 100-277VAC, Output Rating 60W, 242VDC, 0-2.5A for C4G Desktop Router product lines.	$	100.00

	C4G-S-1P3M-PS		
C4G-S-1P3M	LTE Router with integrated: LTE-A (CAT6 300M / 50M), GPS/GNSS, 1 x 10/100/1000 RJ45 Ethernet, USB-C Port, RS232, GPIO, IGN (ignition sense pin), IP54 enclosure. North American power adapter included.	$	962.00
	C4G-S-1P6M		
C4G-S-1P6M	LTE Router with integrated: LTE-A PRO (CAT12 600M / 150M), GPS/GNSS, 1 x 10/100/1000 RJ45 Ethernet, USB-C Port, RS232, GPIO, IGN (ignition sense pin), IP54 enclosure. North American power adapter included.	$	1,103.00
C4G-WIFI2ANT	2 x Wi-Fi Antenna with RP-SMA direct attach connector for C4G Router product line.	$	39.00
	Cable		
Cable 150	150 Ft., Shielded RJ45 Plug to Plug 568B Wired, Solid, Black PVC Jacket, Shielded CAT6 Outdoor Standard Patch Cable	$	100.00
Cable 25	25 Ft., Shielded RJ45 Plug to Plug 568B Wired, Solid, Black PVC Jacket, Shielded CAT6 Outdoor Standard Patch Cable	$	29.00
Cable 300	300 Ft., Shielded RJ45 Plug to Plug 568B Wired, Solid, Black PVC Jacket, Shielded CAT6 Outdoor Standard Patch Cable	$	190.00
Cable 50	50 Ft., Shielded RJ45 Plug to Plug 568B Wired, Solid, Black PVC Jacket, Shielded CAT6 Outdoor Standard Patch Cable	$	44.00
	Conformal Coating (-CC)		
Conformal Coating Option	A -CC at the end of any device means it will be conformal coated The CC price is 125% of the NON CC price Orders or less than 50 units of the same model will also require the Conformal Coating Setup Fee of $500	$	-
CC-Setup	Conformal Coating setup fee - fee is waived for orders of 50 or more units of the same model.	$	500.00
	EasyLink		
EasyLink-300-US	Wireless Bridge Kit - Contains two paired Wireless Bridge Units, 2 x 24VDC, 1.5A Power Supplies, 2 x Passive PoE Injectors and 2 x Mounting Kits. 300Mbps, Hardened (-40C - +70C). Supports 6VDC to 30VDC Passive PoE	$	499.00
EasyLink-300-US-MP-02	Hardened Wireless Bridge Kit - 1 Wireless Bridge Base unit and 2 paired Wireless Bridge Clients, 3 x 24VDC, 1.5A Power Supplies, 3 x Passive PoE Injectors and 3 x Mounting kits.	$	1,607.00
EasyLink-300-US-MP-04	Hardened Wireless Bridge Kit - 1 Wireless Bridge Base unit and 4 paired Wireless Bridge Clients, 5 x 24VDC, 1.5A Power Supplies, 5 x Passive PoE Injectors and 5 x Mounting kits.	$	1,913.00
EasyLink-300-US-MP-06	Hardened Wireless Bridge Kit - 1 Wireless Bridge Base unit and 6 paired Wireless Bridge Clients, 7 x 24VDC, 1.5A Power Supplies, 7 x Passive PoE Injectors and 7 x Mounting kits.	$	2,356.00
EasyLink-PSU-INJ	Power Supply and a Gigabit Passive PoE Injector - 24VDC, 1.5A (36W). Replacement Power Supply for EasyLink Wireless Bridge series. Also can be used for any Passive PoE device that uses 24VDC, 1.5A (or less) on pins 4,5 & 7,8	$	29.00
	EasyPOE		
EASYPOE4B-PMT	NEMA 4/4X Indoor/Outdoor Cabinet with Integrated PoE Switch and power supply. Unmanaged Gigabit Ethernet PoE Switch with 4 Gigabit PoE Ports + 1 10/100/1000M RJ45 port. IEEE802.3at 30W with 120W PoE power budget. Wall or Pole Mount, 100-240VAC power input. Pole mounting kit included.	$	974.00
EASYPOE4P	NEMA 4/4X Indoor/Outdoor Cabinet with Integrated PoE Switch, power supply, and surge suppressor. Unmanaged Gigabit Ethernet PoE Switch with 4 Gigabit PoE Ports + 1 10/100/1000M RJ45 port. IEEE802.3at 30W with 120W PoE power budget. Wall or Pole Mount, 100-240VAC power input.	$	1,009.00
EASYPOE4P-PMT	NEMA 4/4X Indoor/Outdoor Cabinet with Integrated PoE Switch, power supply, and surge suppressor. Unmanaged Gigabit Ethernet PoE Switch with 4 Gigabit PoE Ports + 1 10/100/1000M RJ45 port. IEEE802.3at 30W with 120W PoE power budget. Wall or Pole Mount, 100-240VAC power input. Pole mounting kit included.	$	1,113.00

EASYPOE8B	NEMA 4/4X Indoor/Outdoor Cabinet with Integrated PoE Switch and power supply. Unmanaged Gigabit Ethernet PoE Switch with 8 Gigabit PoE Ports + 2 SFP ports. IEEE802.3at 30W with 240W PoE power budget. Wall or Pole Mount, 100-240VAC power input.	$	1,148.00
EASYPOE8B-PMT	NEMA 4/4X Indoor/Outdoor Cabinet with Integrated PoE Switch and power supply. Unmanaged Gigabit Ethernet PoE Switch with 8 Gigabit PoE Ports + 2 SFP ports. IEEE802.3at 30W with 240W PoE power budget. Wall or Pole Mount, 100-240VAC power input. Pole mounting kit included.	$	1,252.00
EASYPOE8P	NEMA 4/4X Indoor/Outdoor Cabinet with Integrated PoE Switch, power supply, and surge suppressor. Unmanaged Gigabit Ethernet PoE Switch with 8 Gigabit PoE Ports + 2 SFP ports. IEEE802.3at 30W with 240W PoE power budget. Wall or Pole Mount, 100-240VAC power input.	$	1,287.00
EASYPOE8P-PMT	NEMA 4/4X Indoor/Outdoor Cabinet with Integrated PoE Switch, power supply, and surge suppressor. Unmanaged Gigabit Ethernet PoE Switch with 8 Gigabit PoE Ports + 2 SFP ports. IEEE802.3at 30W with 240W PoE power budget. Wall or Pole Mount, 100-240VAC power input. Pole mounting kit included.	$	1,392.00
EASYPOEBOX2C	NEMA 4/4X Indoor/Outdoor Cabinet with Integrated PoE Switch. Managed Gigabit Ethernet PoE Switch with 2 Gigabit PoE Ports + 2 10/100/1000M RJ45 ports. IEEE802.3bt 90W with 165W PoE power budget. Wall or Pole Mount, 100-240VAC power input.	$	1,664.00
EASYPOEBOX2F	NEMA 4/4X Indoor/Outdoor Cabinet with Integrated PoE Switch. Managed Gigabit Ethernet PoE Switch with 2 Gigabit PoE Ports + 2 100/1000M SFP ports. IEEE802.3bt 90W with 165W PoE power budget. Wall or Pole Mount, 100-240VAC power input.	$	1,802.00
EASYPOEBOX4C	NEMA 4/4X Indoor/Outdoor Cabinet with Integrated PoE Switch. Managed Gigabit Ethernet PoE Switch with 4 Gigabit PoE Ports + 2 10/100/1000M RJ45 ports. IEEE802.3bt 90W with 165W PoE power budget. Wall or Pole Mount, 100-240VAC power input.	$	1,802.00
EASYPOEBOX4F	NEMA 4/4X Indoor/Outdoor Cabinet with Integrated PoE Switch. Managed Gigabit Ethernet PoE Switch with 4 Gigabit PoE Ports + 2 100/1000M SFP ports. IEEE802.3bt 90W with 165W PoE power budget. Wall or Pole Mount, 100-240VAC power input.	$	2,010.00
	Ethernet Extenders		
ED20Kext	Industrial (-25°C - 60°C) SHDSL Ethernet Extender with 1 10/100TX Port to 1 Pair of straight or twisted copper wire. Din Rail Mount. Push-in spring power connector, Power input range 10 - 60VDC.	$	2,079.00
ED20Kext4psw	Industrial (-25°C - 60°C) Managed Switch with 2 SHDSL Ethernet Extender Ports. 4 10/100TX Ports + 2 Copper Pair SHDSL Ports. Din Rail Mount. Push-in spring power connector, Power input range 10 - 60VDC.	$	2,934.00
ED20Kext4psw-11	Industrial (-25°C - 60°C) Managed Switch with 2 SHDSL Ethernet Extender Ports. 4 10/100TX Ports + 2 Copper Pair SHDSL Ports (RJ-11). Din Rail Mount. Push-in spring power connector, Power input range 10 - 60VDC.	$	3,018.00
ED3501	Industrial (-10°C - 60°C) VDSL2 Ethernet Extender with 1 10/100TX Port to 1 Pair of straight or twisted copper wire. Shelf, Panel or Chassis Mount, Power Supply Included 100 VAC - 240VAC.	$	347.00
ED3501-D	Industrial (-10°C - 60°C) VDSL2 Ethernet Extender with 1 10/100TX Port to 1 Pair of straight or twisted copper wire. Din-Rail Mounting, Power Supply Included 100 VAC - 240VAC.	$	345.00
ED3538	Hardened (-40°C - 75°C) Power over Link (PoL) Ethernet Extender Kit. Includes ED3538T & ED3538R, Extends Ethernet over 1 Pair of straight or twisted wire. Din Rail or Panel Mount. Terminal Block Power Connections, Power Supply 48VDC.	$	1,231.00
ED3538R	Hardened (-40°C - 75°C) Ethernet Extender Extends Ethernet over 1 Pair of straight or twisted wire. Din Rail or Panel Mount. PoL or Terminal Block Power, 48VDC. Receives power from a companion ED3538T and provides PoE on the Ethernet Port 30W.	$	666.00

ED3538T	Hardened (-40°C - 75°C) Power over Link (PoL) Ethernet Extender Extends Ethernet over 1 Pair of straight or twisted wire. Din Rail or Panel Mount. Terminal Block Power Connections, Power Supply 48VDC. Provides Power over Link (PoL) to a companion device ED3538R.	$	666.00
ED3541	Hardened (-40°C - 75°C) VDSL2 Ethernet Extender with 1 10/100TX Port to 1 Pair of straight or twisted copper wire. Din Rail or Panel Mount. Terminal Block power connector, power input range 12 - 48VDC.	$	520.00
ED3575-622	Hardened (-40°C - 75°C) Managed Switch with 2 VDSL2 Ethernet Extender ports. 6 10/100TX, + Gigabit SFP Combo + 2 Copper Pair VDSL2 Ports. Din Rail or Panel Mount. Terminal Block power connector, redundant 12 - 48VDC power input.	$	1,941.00
ED3575-622-CC	Hardened (-40°C - 75°C) Managed Switch with 2 VDSL2 Ethernet Extender ports. 6 10/100TX, + Gigabit SFP Combo + 2 Copper Pair VDSL2 Ports. Din Rail or Panel Mount. Terminal Block power connector, redundant 12 - 48VDC power input. Conformal coating	$	2,426.00
	20 and 28 Port Layer 3 Managed Hardened Switches:		
EG97023-2VCR	Hardened (-40°C - 75°C) Managed 20 Port Layer 3 Ethernet Switch, 8 GE SFP Ports + 12 1G/10G SFP+ Ports, Rack Mount, Redundant Internal Universal 100-240VAC Power Supply, IEC Power Connector	$	20,925.00
EG97244-4VCR	Hardened (-40°C - 75°C) Managed 28 Port Layer 3 Ethernet Switch, 28 GE Ports (8 GE RJ45 + 16 GE 100/1000 SFP Ports) + 4 1G/10G SFP+ Ports, Rack Mount, Redundant Internal Universal 10-240VAC Power Supply, IEC Power Connector	$	11,783.00
EG97244-4VTR	Hardened (-40°C - 75°C) Managed 28 Port Layer 3 Ethernet Switch, 28 GE Ports (8 GE RJ45 + 16 GE 100/1000 SFP Ports) + 4 1G/10G SFP+ Ports, Rack Mount, Redundant ±48VDC Terminal Block Power Input	$	11,783.00
EG97244-4VWR	Hardened (-40°C - 75°C) Managed 28 Port Layer 3 Ethernet Switch, 28 GE Ports (8 GE RJ45 + 16 GE 100/1000 SFP Ports) + 4 1G/10G SFP+ Ports, Rack Mount, Redundant Internal 100 - 240VAC Redundant (Terminal Block)	$	11,783.00
	Media Converters:		
EL1141-10B	Hardened (-40°C - 75°C) Media Converter 1 10/100TX port to 1 100FX Fiber port. Din Rail or Panel Mount. DC Jack Power Connector (12VDC) Complies with IEC61850 & IEEE1613	$	336.00
EL1141-20B	Hardened (-40°C - 75°C) Media Converter 1 10/100TX port to 1 100FX Fiber port. Din Rail or Panel Mount. DC Jack Power Connector (12VDC) Complies with IEC61850 & IEEE1613	$	336.00
EL1141-50B	Hardened (-40°C - 75°C) Media Converter 1 10/100TX port to 1 100FX Fiber port. Din Rail or Panel Mount. DC Jack Power Connector (12VDC) Complies with IEC61850 & IEEE1613	$	358.00
EL1141-60B	Hardened (-40°C - 75°C) Media Converter 1 10/100TX port to 1 100FX Fiber port. Din Rail or Panel Mount. DC Jack Power Connector (12VDC) Complies with IEC61850 & IEEE1613	$	460.00
EL1141-70B	Hardened (-40°C - 75°C) Media Converter 1 10/100TX port to 1 100FX Fiber port. Din Rail or Panel Mount. DC Jack Power Connector (12VDC) Complies with IEC61850 & IEEE1613	$	482.00
EL1141-A0B	Hardened (-40°C - 75°C) Media Converter 1 10/100TX port to 1 100FX Fiber port. Din Rail or Panel Mount. DC Jack Power Connector (12VDC) Complies with IEC61850 & IEEE1613	$	470.00
EL1141-B0B	Hardened (-40°C - 75°C) Media Converter 1 10/100TX port to 1 100FX Fiber port. Din Rail or Panel Mount. DC Jack Power Connector (12VDC) Complies with IEC61850 & IEEE1613	$	879.00
EL1141-H0B	Hardened (-40°C - 75°C) Media Converter 1 10/100TX port to 1 100FX Fiber port. Din Rail or Panel Mount. DC Jack Power Connector (12VDC) Complies with IEC61850 & IEEE1613	$	470.00
EL1141-M0B	Hardened (-40°C - 75°C) Media Converter 1 10/100TX port to 1 100FX Fiber port. Din Rail or Panel Mount. DC Jack Power Connector (12VDC) Complies with IEC61850 & IEEE1613	$	493.00

EL1141-N0B	Hardened (-40°C - 75°C) Media Converter 1 10/100TX port to 1 100FX Fiber port. Din Rail or Panel Mount. DC Jack Power Connector (12VDC) Complies with IEC61850 & IEEE1613	$	901.00
EL1142-10B	IEC 61850-3/IEEE 1613 Hardened 2-Port 10/100BASE-TX to 2-Port 100BASE-FX Media Converter. Multi Mode (SC) - 2Km (1310nm)	$	555.00
EL1142-20B	IEC 61850-3/IEEE 1613 Hardened 2-Port 10/100BASE-TX to 2-Port 100BASE-FX Media Converter. Multi Mode (ST) - 2Km (1310nm)	$	555.00
EL1142-A0B	IEC 61850-3/IEEE 1613 Hardened 2-Port 10/100BASE-TX to 2-Port 100BASE-FX Media Converter. Single Mode (SC) - 20Km (1310nm)	$	711.00
EL1142-B0B	IEC 61850-3/IEEE 1613 Hardened 2-Port 10/100BASE-TX to 2-Port 100BASE-FX Media Converter. Single Mode (SC) - 40Km (1310nm)	$	913.00
EL1142-H0B	IEC 61850-3/IEEE 1613 Hardened 2-Port 10/100BASE-TX to 2-Port 100BASE-FX Media Converter. Single Mode (ST) - 20Km (1310nm).	$	711.00
EL2242-BT	Hardened (-40°C - 75°C) Media Converter,1 Gigabit 802.3bt PoE+ RJ45 Port to 1 100/1000 Dual Rate SFP slot. Din-Rail mount, 52-56VDC power, redundant power input.	$	416.00
EL2242-V1B	Hardended (-40°C - 75°C) Media Converter,1 Gigabit 802.3at PoE+ RJ45 Port to 1 100/1000 Dual Rate SFP slot. Din-Rail mount, 48-57VDC power redundant power input.	$	451.00
EL8000-31E	Hardened 1000BASE-TX to 1000BASE-SX/LX/BX/SFP Media Converter	$	427.00
EL8000-41E	Hardened 1000BASE-TX to 1000BASE-SX/LX/BX/SFP Media Converter	$	597.00
EL8000-51E	Hardened 1000BASE-TX to 1000BASE-SX/LX/BX/SFP Media Converter	$	427.00
EL8000-A1E	Hardened 1000BASE-TX to 1000BASE-SX/LX/BX/SFP Media Converter	$	533.00
EL8000-B1E	Hardened 1000BASE-TX to 1000BASE-SX/LX/BX/SFP Media Converter	$	640.00
EL8000-R1E	Hardened 1000BASE-TX to 1000BASE-SX/LX/BX/SFP Media Converter	$	1,506.00
EL8000-S1E	Hardened 1000BASE-TX to 1000BASE-SX/LX/BX/SFP Media Converter	$	1,506.00
EL8000-V1E	Hardened 1000BASE-TX to 1000BASE-SX/LX/BX/SFP Media Converter	$	314.00
EL8020-V1E	Hardened (-40°C - 75°C) 1 10/100/1000TX port to 1 100/1000 SFP port Media Converter. Din Rail Mount. Terminal Block Power Connector (12VDC - 48VDC). .	$	326.00
EL8100-31E	Hardened (-40°C - 75°C) Media Converter with 1 10/100/1000TX port to 1 Gigabit Fiber port. DIN Rail Mount, Terminal Block Power 12VDC - 48VDC.	$	549.00
EL8100-41E	Hardened (-40°C - 75°C) Media Converter with 1 10/100/1000TX port to 1 Gigabit Fiber port. DIN Rail Mount, Terminal Block Power 12VDC - 48VDC. 1 x 10/100/1000T & 1 x 1000SX, 2km, SC	$	640.00
EL8100-51E	Hardened (-40°C - 75°C) Media Converter with 1 10/100/1000TX port to 1 Gigabit Fiber port. DIN Rail Mount, Terminal Block Power 12VDC - 48VDC	$	549.00
EL8100-A1E	Hardened (-40°C - 75°C) Media Converter with 1 10/100/1000TX port to 1 Gigabit Fiber port. DIN Rail Mount, Terminal Block Power 12VDC - 48VDC.	$	586.00
EL8100-B1E	Hardened (-40°C - 75°C) Media Converter with 1 10/100/1000TX port to 1 Gigabit Fiber port. DIN Rail Mount, Terminal Block Power 12VDC - 48VDC.	$	640.00
EL8100-I1E	Hardened (-40°C - 75°C) Media Converter with 1 10/100/1000TX port to 1 Gigabit Fiber port. DIN Rail Mount, Terminal Block Power 12VDC - 48VDC.	$	615.00
EL8100-R1E	Hardened (-40°C - 75°C) Media Converter with 1 10/100/1000TX port to 1 Gigabit Fiber port. DIN Rail Mount, Terminal Block Power 12VDC - 48VDC.	$	693.00
EL8100-S1E	Hardened (-40°C - 75°C) Media Converter with 1 10/100/1000TX port to 1 Gigabit Fiber port. DIN Rail Mount, Terminal Block Power 12VDC - 48VDC.	$	693.00
EL900-A-B-1-A	Hardened (-40°C - 75°C) 1 10/100TX port to 1 100FX Fiber port Media Converter. Din Rail or Panel Mount. Terminal Block Power Connector (10VDC - 48VDC) Complies with U/L 1604	$	277.00
EL900-A-B-1-B	Hardened (-40°C - 75°C) 1 10/100TX port to 1 100FX Fiber port Media Converter. Din Rail or Panel Mount. DC Jack Power Connector (12VDC) Complies with U/L 1604	$	269.00
EL900-A-B-1-C	Hardened (-40°C - 75°C) 1 10/100TX port to 1 100FX Fiber port Media Converter. Din Rail or Panel Mount. 24 VAC Terminal Block Power, Complies with U/L 1604	$	296.00

EL900-A-C-1-A	Hardened (-40°C - 75°C) 1 10/100TX port to 1 100FX Fiber port Media Converter. Din Rail or Panel Mount. Terminal Block Power Connector (10VDC - 48VDC) Complies with U/L 1604	$	277.00
EL900-A-C-1-B	Hardened (-40°C - 75°C) 1 10/100TX port to 1 100FX Fiber port Media Converter. Din Rail or Panel Mount. DC Jack Power Connector (12VDC) Complies with U/L 1604	$	269.00
EL900-A-C-1-C	Hardened (-40°C - 75°C) 1 10/100TX port to 1 100FX Fiber port Media Converter. Din Rail or Panel Mount. 24 VAC Terminal Block Power Connector, Complies with U/L 1604	$	296.00
EL900-A-D-1-A	Hardened (-40°C - 75°C) 1 10/100TX port to 1 100FX Fiber port Media Converter. Din Rail or Panel Mount. Terminal Block Power Connector (10VDC - 48VDC) Complies with U/L 1604	$	672.00
EL900-A-D-1-B	Hardened (-40°C - 75°C) 1 10/100TX port to 1 100FX Fiber port Media Converter. Din Rail or Panel Mount. DC Jack Power Connector (12VDC) Complies with U/L 1604	$	672.00
EL900-A-D-1-C	Hardened (-40°C - 75°C) 1 10/100TX port to 1 100FX Fiber port Media Converter. Din Rail or Panel Mount. 24VAC Terminal Block Complies with U/L 1604	$	672.00
EL900-A-E-1-A	Hardened (-40°C - 75°C) 1 10/100TX port to 1 100FX Fiber port Media Converter. Din Rail or Panel Mount. Terminal Block Power Connector (10VDC - 48VDC) Complies with U/L 1604	$	700.00
EL900-A-E-1-B	Hardened (-40°C - 75°C) 1 10/100TX port to 1 100FX Fiber port Media Converter. Din Rail or Panel Mount. DC Jack Power Connector (12VDC) Complies with U/L 1604	$	700.00
EL900-A-E-1-C	Hardened (-40°C - 75°C) 1 10/100TX port to 1 100FX Fiber port Media Converter. Din Rail or Panel Mount. 24VAC Terminal Block Complies with U/L 1604	$	700.00
EL900-A-F-1-A	Hardened (-40°C - 75°C) 1 10/100TX port to 1 100FX Fiber port Media Converter. Din Rail or Panel Mount. Terminal Block Power Connector (10VDC - 48VDC) Complies with U/L 1604	$	784.00
EL900-A-F-1-B	Hardened (-40°C - 75°C) 1 10/100TX port to 1 100FX Fiber port Media Converter. Din Rail or Panel Mount. DC Jack Power Connector (12VDC) Complies with U/L 1604	$	784.00
EL900-A-G-1-A	Hardened (-40°C - 75°C) 1 10/100TX port to 1 100FX Fiber port Media Converter. Din Rail or Panel Mount. Terminal Block Power Connector (10VDC - 48VDC) Complies with U/L 1604	$	812.00
EL900-A-G-1-B	Hardened (-40°C - 75°C) 1 10/100TX port to 1 100FX Fiber port Media Converter. Din Rail or Panel Mount. DC Jack Power Connector (12VDC) Complies with U/L 1604	$	812.00
EL900-A-H-1-A	Hardened (-40°C - 75°C) 1 10/100TX port to 1 100FX Fiber port Media Converter. Din Rail or Panel Mount. Terminal Block Power Connector (10VDC - 48VDC) Complies with U/L 1604	$	291.00
EL900-A-H-1-B	Hardened (-40°C - 75°C) 1 10/100TX port to 1 100FX Fiber port Media Converter. Din Rail or Panel Mount. DC Jack Power Connector (12VDC) Complies with U/L 1604	$	291.00
EL900-A-J-1-A	Hardened (-40°C - 75°C) 1 10/100TX port to 1 100FX Fiber port Media Converter. Din Rail or Panel Mount. Terminal Block Power Connector (10VDC - 48VDC) Complies with U/L 1604	$	425.00
EL900-A-J-1-B	Hardened (-40°C - 75°C) 1 10/100TX port to 1 100FX Fiber port Media Converter. Din Rail or Panel Mount. DC Jack Power Connector (12VDC) Complies with U/L 1604	$	425.00
EL900-A-M-1-A	Hardened (-40°C - 75°C) 1 10/100TX port to 1 100FX Fiber port Media Converter. Din Rail or Panel Mount. Terminal Block Power Connector (10VDC - 48VDC) Complies with U/L 1604	$	403.00
EL900-A-M-1-B	Hardened (-40°C - 75°C) 1 10/100TX port to 1 100FX Fiber port Media Converter. Din Rail or Panel Mount. DC Jack Power Connector (12VDC) Complies with U/L 1604	$	403.00
EL900-A-M-1-B-CC	Hardened (-40°C - 75°C) 1 10/100TX port to 1 100FX Fiber port Media Converter. Din Rail or Panel Mount. DC Jack Power Connector (12VDC) Complies with U/L 1604. Conformal coating	$	504.00
EL900-A-M-1-C	Hardened (-40°C - 75°C) 1 10/100TX port to 1 100FX Fiber port Media Converter. Din Rail or Panel Mount. 24 VAC Terminal Block Power Connector, Complies with U/L 1604	$	431.00
EL900-A-N-1-A	Hardened (-40°C - 75°C) 1 10/100TX port to 1 100FX Fiber port Media Converter. Din Rail or Panel Mount. Terminal Block Power Connector (10VDC - 48VDC) Complies with U/L 1604	$	409.00

EL900-A-N-1-B	Hardened (-40°C - 75°C) 1 port 10/100TX to 1 port 100FX Fiber Port Media Converter. Din Rail or Panel Mount. DC Jack Power Connector (12VDC) Complies with U/L 1604	$	403.00
EL900-A-N-1-C	Hardened (-40°C - 75°C) 1 10/100TX port to 1 100FX Fiber port Media Converter. Din Rail or Panel Mount. 24 VAC Terminal Block Power Connector, Complies with U/L 1604	$	431.00
EL900-A-O-1-A	Hardened (-40°C - 75°C) 1 10/100TX port to 1 100FX Fiber port Media Converter. Din Rail or Panel Mount. Terminal Block Power Connector (10VDC - 48VDC) Complies with U/L 1604	$	549.00
EL900-A-O-1-B	Hardened (-40°C - 75°C) 1 10/100TX port to 1 100FX Fiber port Media Converter. Din Rail or Panel Mount. DC Jack Power Connector (12VDC) Complies with U/L 1604	$	549.00
EL900-A-P-1-A	Hardened (-40°C - 75°C) 1 10/100TX port to 1 100FX Fiber port Media Converter. Din Rail or Panel Mount. Terminal Block Power Connector (10VDC - 48VDC) Complies with U/L 1604	$	661.00
EL900-A-P-1-B	Hardened (-40°C - 75°C) 1 10/100TX port to 1 100FX Fiber port Media Converter. Din Rail or Panel Mount. DC Jack Power Connector (12VDC) Complies with U/L 1604	$	661.00
EL900-A-Q-1-A	Hardened (-40°C - 75°C) 1 10/100TX port to 1 100FX Fiber port Media Converter. Din Rail or Panel Mount. Terminal Block Power Connector (10VDC - 48VDC) Complies with U/L 1604	$	728.00
EL900-A-Q-1-B	Hardened (-40°C - 75°C) 1 10/100TX port to 1 100FX Fiber port Media Converter. Din Rail or Panel Mount. DC Jack Power Connector (12VDC) Complies with U/L 1604	$	728.00
EL900-A-Q-1-C	Hardened (-40°C - 75°C) 1 10/100TX port to 1 100FX Fiber port Media Converter. Din Rail or Panel Mount. 24VAC Terminal Block Power Connector. Complies with U/L 1604	$	728.00
EL900-A-R-1-A	Hardened (-40°C - 75°C) 1 10/100TX port to 1 100FX Fiber port Media Converter. Din Rail or Panel Mount. Terminal Block Power Connector (10VDC - 48VDC) Complies with U/L 1604	$	885.00
EL900-A-R-1-B	Hardened (-40°C - 75°C) 1 10/100TX port to 1 100FX Fiber port Media Converter. Din Rail or Panel Mount. DC Jack Power Connector (12VDC) Complies with U/L 1604	$	885.00
EL900-A-R-1-C	Hardened (-40°C - 75°C) 1 10/100TX port to 1 100FX Fiber port Media Converter. Din Rail or Panel Mount. 24VAC Terminal Block Power Connector. Complies with U/L 1604	$	885.00
EL900-A-S-1-A	Hardened (-40°C - 75°C) 1 10/100TX port to 1 100FX Fiber port Media Converter. Din Rail or Panel Mount. Terminal Block Power Connector (10VDC - 48VDC) Complies with U/L 1604	$	952.00
EL900-A-S-1-B	Hardened (-40°C - 75°C) 1 10/100TX port to 1 100FX Fiber port Media Converter. Din Rail or Panel Mount. DC Jack Power Connector (12VDC) Complies with U/L 1604	$	952.00
EL900-A-T-1-A	Hardened (-40°C - 75°C) 1 10/100TX port to 1 100FX Fiber port Media Converter. Din Rail or Panel Mount. Terminal Block Power Connector (10VDC - 48VDC) Complies with U/L 1604	$	985.00
EL900-A-T-1-B	Hardened (-40°C - 75°C) 1 10/100TX port to 1 100FX Fiber port Media Converter. Din Rail or Panel Mount. DC Jack Power Connector (12VDC) Complies with U/L 1604	$	985.00
EL900-A-U-1-A	Hardened (-40°C - 75°C) 1 10/100TX port to 1 100FX Fiber port Media Converter. Din Rail or Panel Mount. Terminal Block Power Connector (10VDC - 48VDC) Complies with U/L 1604	$	672.00
EL900-A-V-1-A	Hardened (-40°C - 75°C) 1 port 10/100TX to 1 port 100FX Fiber Port Media Converter. Din Rail or Panel Mount. Terminal Block Power Connector (10VDC - 48VDC) Complies with U/L 1604	$	672.00
EL900-A-X-1-A	Hardened (-40°C - 75°C) 1 10/100TX port to 1 100FX Fiber port Media Converter. Din Rail or Panel Mount. Terminal Block Power Connector (10VDC - 48VDC) Complies with U/L 1604	$	1,176.00
EL900-A-X-1-B	Hardened (-40°C - 75°C) 1 10/100TX port to 1 100FX Fiber port Media Converter. Din Rail or Panel Mount. DC Jack Power Connector (12VDC) Complies with U/L 1604	$	1,176.00
	Power Supplies:		
EPOW-24-60	Power Supply, Hardened (-40C - +75C) External 100-277 VAC Input; TS2 rated; 60W, 24VDC, 0-2.5A	$	132.00

EPOW-24-60-A	Power Supply, Hardened (-40C - +75C) External 100-277 VAC Input; TS2 rated; 60W, 24VDC 2.5mm DC Jack, 0-2.5A	$	132.00
EPOW-54-240	Power Supply, Hardened (-40C - +75C) External 100-277 VAC Input; TS2 rated; 240W, 54VDC	$	243.00
EPOW-54-600	Power Supply, Hardened (-40C - +75C) External 100-277 VAC Input; TS2 rated; 600W, 54VDC, 0-11.1A	$	347.00
EX-779-PC	Power Supply, screw-in module for EX77964-8XC or 8XCR only	$	312.00
EX41-2400A240	Spare power supply module for EX77900 series, AC inlet, 100-240VAC	$	351.00
EX41-2750A240	Spare power supply module for EG97000 and EG99000 series, AC inlet, 100-240VAC, 75W	$	466.00
	Wireless Bridges and Access Points:		
EW75000-08	Hardened (-40°C - 75°C) Managed IP67 Single Band 802.11ac, Wireless Bridge/Access Point with 5GHz/8dBiOmni Directional Antenna. Powered by 802.3af/at PoE	$	1,044.00
EW75000-13	Hardened (-40°C - 75°C) Managed IP67 Single Band 802.11ac, Wireless Bridge with 5GHz/19dBi Internal Panel Antenna. Powered by 802.3af/at PoE	$	963.00
EW75000-13MP	Hardened (-40°C - 75°C) Managed IP67 Single Band 802.11ac, Wireless Access Point with 5GHz/19dBi Internal Panel Antenna. Powered by 802.3af/at PoE	$	1,044.00
EW75200-1308	Hardened (-40°C - 75°C) Managed IP67 Dual Band 802.11ac, Wireless Bridge/Access Point with 5GHz/19dBi Internal Panel Antenna and 5GHz/8dBi Omni Directional Antenna. Powered by 802.3af/at PoE	$	1,205.00
	Hardened Unmanaged Switches:		
EX41922	Hardened (-40°C to 75°C) Unmanaged 4 port Ethernet switch, 2 Gigabit RJ45 + 2 Dual Rate 100/1000 SFP ports. Din-Rail Mount, Redundant 12-48VDC Power Input, Port Fault & Power Failure Alarm Relay.	$	351.00
EX41922-T	Hardened (-40°C to 75°C) Unmanaged 4 port Ethernet switch, 2 802.3at PoE Gigabit ports + 2 Dual Rate 100/1000 SFP ports. 60W PoE Power Budget, Din-Rail Mount, Redundant 12-48VDC Power Input, Port Fault & Power Failure Alarm Relay.	$	457.00
EX41941	5 Port Hardened (-40°C - 75°C) PoE+ Ethernet Switch 4 10/100/1000 BaseT 802.3at PoE Ports + 1 Gigabit RJ45 Port, 120W PoE Power Budget, DIN Rail Mounting, 52-56VDC Terminal Block Power Input, Power supply sold separately.	$	319.00
EX41941F	5 Port Hardened (-40°C - 75°C) PoE+ Ethernet Switch 4 10/100/1000 BaseT 802.3at PoE Ports + 1 Gigabit RJ45 Port, Flat Enclosure, 120W PoE Power Budget, DIN Rail Mounting, 52-56VDC Terminal Block Power Input, Power supply sold separately.	$	319.00
EX42008	Hardened (-40°C - 75°C) 8 10/100TX Ports, Unmanaged Ethernet Switch, DIN Rail Mount, Terminal Block Power Connector (12VDC - 48DC)	$	168.00
EX42017-1A	Hardened (-40°C - 75°C) 7 10/100TX + 1 100FX Fixed Fiber Port Unmanaged Ethernet Switch, DIN Rail Mount, Terminal Block Power Connector (12VDC - 48DC)	$	280.00
EX42017-1B	Hardened (-40°C - 75°C) 7 10/100TX + 1 100FX Fixed Fiber Port Unmanaged Ethernet Switch, DIN Rail Mount, Terminal Block Power Connector (12VDC - 48DC)	$	280.00
EX42017-2A	Hardened (-40°C - 75°C) 7 10/100TX + 1 100FX Fixed Fiber Port Unmanaged Ethernet Switch, DIN Rail Mount, Terminal Block Power Connector (12VDC - 48DC)	$	408.00
EX42017-2D	Hardened (-40°C - 75°C) 7 10/100TX + 1 100FX Fixed Fiber Port Unmanaged Ethernet Switch, DIN Rail Mount, Terminal Block Power Connector (12VDC - 48DC)	$	408.00
EX42017-2E	Hardened (-40°C - 75°C) 7 10/100TX + 1 100FX Fixed Fiber Port Unmanaged Ethernet Switch, DIN Rail Mount, Terminal Block Power Connector (12VDC - 48DC)	$	543.00
EX42017-2G	Hardened (-40°C - 75°C) 7 10/100TX + 1 100FX Fixed Fiber Port Unmanaged Ethernet Switch, DIN Rail Mount, Terminal Block Power Connector (12VDC - 48DC)	$	577.00
EX42305	5 Port Hardened (-40°C - 75°C) PoE+ Ethernet Switch 4 10/100 BaseT 802.3at PoE Ports + 1 Gigabit Port, 120W PoE Power Budget, DIN Rail Mounting , Supports QoS, EEE, 24/48VDC Terminal Block Power Input, Power supply sold separately.	$	666.00
EX42315-V	6 Port Hardened (-40°C - 75°C) PoE+ Ethernet Switch 4 10/100 BaseT 802.3at PoE Ports + 1 Gigabit RJ45 Port + 1 SFP Port, 120W PoE Power Budget, DIN Rail Mounting , Supports QoS, EEE, 24/48VDC Terminal Block Power Input, Power supply sold separately.	$	739.00

EX42395AT	6 Port Hardened (-40°C - 75°C) PoE+ Ethernet Switch 4 10/100/1000 BaseT 802.3at PoE Ports + 1 Combo Gigabit RJ45/SFP Port + 1 Gigabit SFP Port, 120W PoE Power Budget, DIN Rail Mounting, 52-56VDC Terminal Block Power Input, Power supply sold separately.	$	427.00
EX42395BT	6 Port Hardened (-40°C - 75°C) PoE+ Ethernet Switch 4 10/100/1000 BaseT 802.3bt PoE Ports + 1 Combo Gigabit RJ45/SFP Port + 1 Gigabit SFP Port, 240W PoE Power Budget, DIN Rail Mounting, 52-56VDC Terminal Block Power Input, Power supply sold separately.	$	624.00
EX42905	Hardended (-40°C - 75°C) Unmanaged 5 Port Gigabit DIN Rail Switch, Supports QoS, EEE, 12-48VDC Terminal Block Power Input	$	402.00
EX42908	Hardended (-40°C - 75°C) Unmanaged 8 Port Gigabit DIN Rail Switch, Supports QoS, EEE, 12-48VDC Terminal Block Power Input	$	525.00
EX42914-3	Hardened (-40°C - 75°C) Unmanaged 4 Port Gigabit + 1 Gigabit Fiber, DIN Rail Mounting, Supports QoS, EEE, 12-48VDC Terminal Block Input	$	569.00
EX42914-5	Hardened (-40°C - 75°C) Unmanaged 4 Port Gigabit + 1 Gigabit Fiber, DIN Rail Mounting, Supports QoS, EEE, 12-48VDC Terminal Block Input	$	569.00
EX42914-A	Hardened (-40°C - 75°C) Unmanaged 4 Port Gigabit + 1 Gigabit Fiber, DIN Rail Mounting, Supports QoS, EEE, 12-48VDC Terminal Block Input	$	659.00
EX42914-R	Hardened (-40°C - 75°C) Unmanaged 4 Port Gigabit + 1 Gigabit Fiber, DIN Rail Mounting, Supports QoS, EEE, 12-48VDC Terminal Block Input	$	1,058.00
EX42914-S	Hardened (-40°C - 75°C) Unmanaged 4 Port Gigabit + 1 Gigabit Fiber, DIN Rail Mounting, Supports QoS, EEE, 12-48VDC Terminal Block Input	$	1,114.00
EX42917-3	Hardened (-40°C - 75°C) Unmanaged 7 Port Gigabit + 1 Gigabit Fiber, DIN Rail Mounting, Supports QoS, EEE, 12-48VDC Terminal Block Input	$	693.00
EX42917-5	Hardened (-40°C - 75°C) Unmanaged 7 Port Gigabit + 1 Gigabit Fiber, DIN Rail Mounting, Supports QoS, EEE, 12-48VDC Terminal Block Input	$	693.00
EX42917-A	Hardened (-40°C - 75°C) Unmanaged 7 Port Gigabit + 1 Gigabit Fiber, DIN Rail Mounting, Supports QoS, EEE, 12-48VDC Terminal Block Input	$	783.00
EX42917-R	Hardened (-40°C - 75°C) Unmanaged 7 Port Gigabit + 1 Gigabit Fiber, DIN Rail Mounting, Supports QoS, EEE, 12-48VDC Terminal Block Input	$	1,182.00
EX42917-S	Hardened (-40°C - 75°C) Unmanaged 7 Port Gigabit + 1 Gigabit Fiber, DIN Rail Mounting, Supports QoS, EEE, 12-48VDC Terminal Block Input	$	1,237.00
EX46908A-0-J	Hardened (-40°C - 75°C) Unmanaged 8-port 802.3at PoE+ Gigabit Ethernet Switch. DIN Rail Mount, Terminal Block, 18 - 57 VDC Power Input, 120W PoE Power Budget.	$	666.00
EX46928A-3-J	Hardened (-40°C - 75°C) Unmanaged 10 -Port Gigabit Ethernet PoE+ Switch, 8 802.3at PoE+ Ports, 2 1000Base Fiber Ports, DIN Rail Mount, Terminal Block, 18 - 57 VDC Power Input, 120W PoE Power Budget.	$	1,433.00
EX46928A-4-J	Hardened (-40°C - 75°C) Unmanaged 10 -Port Gigabit Ethernet PoE+ Switch, 8 802.3at PoE+ Ports, 2 1000Base Fiber Ports, DIN Rail Mount, Terminal Block, 18 - 57 VDC Power Input, 120W PoE Power Budget.	$	1,714.00
EX46928A-5-J	Hardened (-40°C - 75°C) Unmanaged 10 -Port Gigabit Ethernet PoE+ Switch, 8 802.3at PoE+ Ports, 2 1000Base Fiber Ports, DIN Rail Mount, Terminal Block, 18 - 57 VDC Power Input, 120W PoE Power Budget.	$	1,433.00
EX46928A-A-J	Hardened (-40°C - 75°C) Unmanaged 10 -Port Gigabit Ethernet PoE+ Switch, 8 802.3at PoE+ Ports, 2 1000Base Fiber Ports, DIN Rail Mount, Terminal Block, 18 - 57 VDC Power Input, 120W PoE Power Budget.	$	1,612.00
EX46928A-B-J	Hardened (-40°C - 75°C) Unmanaged 10 -Port Gigabit Ethernet PoE+ Switch, 8 802.3at PoE+ Ports, 2 1000Base Fiber Ports, DIN Rail Mount, Terminal Block, 18 - 57 VDC Power Input, 120W PoE Power Budget.	$	1,714.00
EX46928A-R-J	Hardened (-40°C - 75°C) Unmanaged 10 -Port Gigabit Ethernet PoE+ Switch, 8 802.3at PoE+ Ports, 2 1000Base Fiber Ports, DIN Rail Mount, Terminal Block, 18 - 57 VDC Power Input, 120W PoE Power Budget.	$	2,408.00
EX46928A-S-J	Hardened (-40°C - 75°C) Unmanaged 10 -Port Gigabit Ethernet PoE+ Switch, 8 802.3at PoE+ Ports, 2 1000Base Fiber Ports, DIN Rail Mount, Terminal Block, 18 - 57 VDC Power Input, 120W PoE Power Budget.	$	2,520.00

EX46928A-V-J	Hardened (-40°C - 75°C) Unmanaged 10 -Port Gigabit Ethernet PoE+ Switch, 8 802.3at PoE+ Ports, 2 1000Base SFP Ports, DIN Rail Mount, Terminal Block, 18 - 57 VDC Power Input, 120W PoE Power Budget.	$	778.00
EX94008-00-1-AA	Hardened (-40°C ~ 75°C) Unmanaged 8-port 10/100BASE-TX Ethernet Switch. DIN Rail Mount, Terminal Block with Alarm Relay (12~48VDC) Power Input, Power Supply sold Separately.	$	303.00
EX94014-1A-1-AA	Hardened (-40°C ~ 75°C) Unmanaged Ethernet Switch with 4 10/100BASE-TX Ports + 1 100FX (SC MM 2km) Fiber Port. Terminal Block Power Input (12VDC - 48VDC) with Alarm Relay. Power supply sold separately.	$	386.00
EX94014-1B-1-AA	Hardened (-40°C ~ 75°C) Unmanaged Ethernet Switch with 4 10/100BASE-TX Ports + 1 100FX (ST MM 2km) Fiber Port. Terminal Block Power Input (12VDC - 48VDC) with Alarm Relay. Power supply sold separately.	$	386.00
EX94014-V-1-AA	Hardened (-40°C ~ 75°C) Unmanaged Ethernet Switch with 4 10/100BASE-TX Ports + 1 100BASE SFP Port. Terminal Block Power Input (12VDC - 48VDC) with Alarm Relay. Power supply sold separately.	$	386.00
EX94026-1A-1-AA	Hardened (-40°C ~ 75°C) Unmanaged 6-port 10/100BASE-TX + 2-port 100FX MM (SC) Ethernet Switch. DIN Rail Mount, Terminal Block with Alarm Relay (12~48VDC) Power Input, Power supply sold seperately	$	549.00
EX94026-1B-1-AA	Hardened (-40°C ~ 75°C) Unmanaged 6-port 10/100BASE-TX + 2-port 100 MM(ST) Ethernet Switch. DIN Rail Mount, Terminal Block with Alarm Relay (12~48VDC), Power supply sold separately.	$	549.00
EX94026-2A-1-AA	Hardened (-40°C ~ 75°C) Unmanaged 6-port 10/100BASE-TX + 2-port 100 SM(SC) 20Km Ethernet Switch. DIN Rail Mount, Terminal Block with Alarm Relay (12~48VDC), Power Supply sold separately.	$	796.00
EX94026-2D-1-AA	Hardened (-40°C ~ 75°C) Unmanaged 6-port 10/100BASE-TX + 2-port 100 SM(ST) 20Km Ethernet Switch. DIN Rail Mount, Terminal Block with Alarm Relay (12~48VDC), Power Supply sold separately.	$	796.00
EX94026-2E-1-AA	Hardened (-40°C ~ 75°C) Unmanaged 6-port 10/100BASE-TX + 2-port 100 SM(SC)WDM-TX:1310nm/RX:1550nm 20Km Ethernet Switch. DIN Rail Mount, Terminal Block with Alarm Relay (12~48VDC)	$	1,109.00
EX94026-2G-1-AA	Hardened (-40°C ~ 75°C) Unmanaged 6-port 10/100BASE-TX + 2-port 100 SM(SC) WDM-TX-1550nm/RX:1310nm 20Km Ethernet Switch. DIN Rail Mount, Terminal Block with Alarm Relay (12~48VDC)	$	1,221.00
EX94026-V-1-AA	Hardened (-40°C ~ 75°C) Unmanaged 6-port 10/100BASE-TX + 2-port 100 SFP Ethernet Switch. DIN Rail Mount, Terminal Block with Alarm Relay (12~48VDC)	$	437.00
EX95142-10B	Hardened (-40°C - 75°C) Unmanaged Ethernet Switch with 14 10/100TX Ports + 2 100FX Fiber Ports. DIN Rail Mount Terminal Block and DC Jack Power Connector (12VDC - 32VDC).	$	761.00
EX95142-20B	Hardened (-40°C - 75°C) Unmanaged Ethernet Switch with 14 10/100TX Ports + 2 100FX Fiber Ports. DIN Rail Mount Terminal Block and DC Jack Power Connector (12VDC - 32VDC).	$	761.00
EX95142-A0B	Hardened (-40°C - 75°C) Unmanaged Ethernet Switch with 14 10/100TX Ports + 2 100FX Fiber Ports. DIN Rail Mount Terminal Block and DC Jack Power Connector (12VDC - 32VDC).	$	1,008.00
EX95142-B0B	Hardened (-40°C - 75°C) Unmanaged Ethernet Switch with 14 10/100TX Ports + 2 100FX Fiber Ports. DIN Rail Mount Terminal Block and DC Jack Power Connector (12VDC - 32VDC).	$	1,199.00
EX95142-H0B	Hardened (-40°C - 75°C) Unmanaged Ethernet Switch with 14 10/100TX Ports + 2 100FX Fiber Ports. DIN Rail Mount Terminal Block and DC Jack Power Connector (12VDC - 32VDC).	$	1,008.00
EX95142-P0B	Hardened (-40°C - 75°C) Unmanaged Ethernet Switch with 14 10/100TX Ports + 2 100FX Fiber Ports. DIN Rail Mount Terminal Block and DC Jack Power Connector (12VDC - 32VDC).	$	1,321.00
EX95142-Q0B	Hardened (-40°C - 75°C) Unmanaged Ethernet Switch with 14 10/100TX Ports + 2 100FX Fiber Ports. DIN Rail Mount Terminal Block and DC Jack Power Connector (12VDC - 32VDC).	$	1,433.00

EX95142-R0B	Hardened (-40°C - 75°C) Unmanaged Ethernet Switch with 14 10/100TX Ports + 2 100FX Fiber Ports. DIN Rail Mount Terminal Block and DC Jack Power Connector (12VDC - 32VDC).	$	1,993.00
EX95142-S0B	Hardened (-40°C - 75°C) Unmanaged Ethernet Switch with 14 10/100TX Ports + 2 100FX Fiber Ports. DIN Rail Mount Terminal Block and DC Jack Power Connector (12VDC - 32VDC).	$	2,127.00
EX95151-10B	Hardened (-40°C - 75°C) Unmanaged Ethernet Switch with 15 10/100TX Ports + 1 100FX Fiber Port. DIN Rail Mount Terminal Block and DC Jack Power Connector (12VDC - 32VDC).	$	639.00
EX95151-20B	Hardened (-40°C - 75°C) Unmanaged Ethernet Switch with 15 10/100TX Ports + 1 100FX Fiber Port. DIN Rail Mount Terminal Block and DC Jack Power Connector (12VDC - 32VDC).	$	639.00
EX95151-A0B	Hardened (-40°C - 75°C) Unmanaged Ethernet Switch with 15 10/100TX Ports + 1 100FX Fiber Port. DIN Rail Mount Terminal Block and DC Jack Power Connector (12VDC - 32VDC).	$	761.00
EX95151-B0B	Hardened (-40°C - 75°C) Unmanaged Ethernet Switch with 15 10/100TX Ports + 1 100FX Fiber Port. DIN Rail Mount Terminal Block and DC Jack Power Connector (12VDC - 32VDC).	$	856.00
EX95151-H0B	Hardened (-40°C - 75°C) Unmanaged Ethernet Switch with 15 10/100TX Ports + 1 100FX Fiber Port. DIN Rail Mount Terminal Block and DC Jack Power Connector (12VDC - 32VDC).	$	761.00
EX95151-P0B	Hardened (-40°C - 75°C) Unmanaged Ethernet Switch with 15 10/100TX Ports + 1 100FX Fiber Port. DIN Rail Mount Terminal Block and DC Jack Power Connector (12VDC - 32VDC).	$	918.00
EX95151-Q0B	Hardened (-40°C - 75°C) Unmanaged Ethernet Switch with 15 10/100TX Ports + 1 100FX Fiber Port. DIN Rail Mount Terminal Block and DC Jack Power Connector (12VDC - 32VDC).	$	975.00
EX95151-R0B	Hardened (-40°C - 75°C) Unmanaged Ethernet Switch with 15 10/100TX Ports + 1 100FX Fiber Port. DIN Rail Mount Terminal Block and DC Jack Power Connector (12VDC - 32VDC).	$	1,254.00
EX95151-S0B	Hardened (-40°C - 75°C) Unmanaged Ethernet Switch with 15 10/100TX Ports + 1 100FX Fiber Port. DIN Rail Mount Terminal Block and DC Jack Power Connector (12VDC - 32VDC).	$	1,321.00
EX95160-00B	Hardened (-40°C - 75°C) Unmanaged Ethernet Switch with 16 10/100TX Ports. DIN Rail Mount Terminal Block and DC Jack Power Connector (12VDC - 32VDC).	$	515.00
	Hardened Web-Smart Switches		
EX46162-10B	Hardened (-40°C - 75°C) Web-Smart 6 10/100TX Ports (4 PoE+) + 2 100FX Fiber Ports Ethernet Switch. Din Rail or Panel Mount, Power Terminal Block and DC Jack 48VDC	$	1,187.00
EX46162-20B	Hardened (-40°C - 75°C) Web-Smart 6 10/100TX Ports (4 PoE+) + 2 100FX Fiber Ports Ethernet Switch. Din Rail or Panel Mount, Power Terminal Block and DC Jack 48VDC	$	1,187.00
EX46162-A0B	Hardened (-40°C - 75°C) Web-Smart 6 10/100TX Ports (4 PoE+) + 2 100FX Fiber Ports Ethernet Switch. Din Rail or Panel Mount, Power Terminal Block and DC Jack 48VDC	$	1,445.00
EX46162-B0B	Hardened (-40°C - 75°C) Web-Smart 6 10/100TX Ports (4 PoE+) + 2 100FX Fiber Ports Ethernet Switch. Din Rail or Panel Mount, Power Terminal Block and DC Jack 48VDC	$	1,646.00
EX46162-H0B	Hardened (-40°C - 75°C) Web-Smart 6 10/100TX Ports (4 PoE+) + 2 100FX Fiber Ports Ethernet Switch. Din Rail or Panel Mount, Power Terminal Block and DC Jack 48VDC	$	1,445.00
EX46162-P0B	Hardened (-40°C - 75°C) Web-Smart 6 10/100TX Ports (4 PoE+) + 2 100FX Fiber Ports Ethernet Switch. Din Rail or Panel Mount, Power Terminal Block and DC Jack 48VDC	$	1,769.00

EX46162-Q0B	Hardened (-40°C - 75°C) Web-Smart 6 10/100TX Ports (4 PoE+) + 2 100FX Fiber Ports Ethernet Switch. Din Rail or Panel Mount, Power Terminal Block and DC Jack 48VDC	$	1,881.00
EX46162-R0B	Hardened (-40°C - 75°C) Web-Smart 6 10/100TX Ports (4 PoE+) + 2 100FX Fiber Ports Ethernet Switch. Din Rail or Panel Mount, Power Terminal Block and DC Jack 48VDC	$	2,441.00
EX46162-S0B	Hardened (-40°C - 75°C) Web-Smart 6 10/100TX Ports (4 PoE+) + 2 100FX Fiber Ports Ethernet Switch. Din Rail or Panel Mount, Power Terminal Block and DC Jack 48VDC	$	2,575.00
EX46171-10B	Hardened (-40°C - 75°C) Web-Smart 7 10/100TX Ports (4 PoE+) + 1 100FX Fiber Port Ethernet Switch. Din Rail or Panel Mount, Power Terminal Block and DC Jack 48VDC	$	1,075.00
EX46171-20B	Hardened (-40°C - 75°C) Web-Smart 7 10/100TX Ports (4 PoE+) + 1 100FX Fiber Port Ethernet Switch. Din Rail or Panel Mount, Power Terminal Block and DC Jack 48VDC	$	1,075.00
EX46171-60B	Hardened (-40°C - 75°C) Web-Smart 7 10/100TX Ports (4 PoE+) + 1 100FX Fiber Port Ethernet Switch. Din Rail or Panel Mount, Power Terminal Block and DC Jack 48VDC	$	1,204.00
EX46171-70B	Hardened (-40°C - 75°C) Web-Smart 7 10/100TX Ports (4 PoE+) + 1 100FX Fiber Port Ethernet Switch. Din Rail or Panel Mount, Power Terminal Block and DC Jack 48VDC	$	1,247.00
EX46171-80B	Hardened (-40°C - 75°C) Web-Smart 7 10/100TX Ports (4 PoE+) + 1 100FX Fiber Port Ethernet Switch. Din Rail or Panel Mount, Power Terminal Block and DC Jack 48VDC	$	1,276.00
EX46171-90B	Hardened (-40°C - 75°C) Web-Smart 7 10/100TX Ports (4 PoE+) + 1 100FX Fiber Port Ethernet Switch. Din Rail or Panel Mount, Power Terminal Block and DC Jack 48VDC	$	1,333.00
EX46171-A0B	Hardened (-40°C - 75°C) Web-Smart 7 10/100TX Ports (4 PoE+) + 1 100FX Fiber Port Ethernet Switch. Din Rail or Panel Mount, Power Terminal Block and DC Jack 48VDC	$	1,204.00
EX46171-B0B	Hardened (-40°C - 75°C) Web-Smart 7 10/100TX Ports (4 PoE+) + 1 100FX Fiber Port Ethernet Switch. Din Rail or Panel Mount, Power Terminal Block and DC Jack 48VDC	$	1,304.00
EX46171-H0B	Hardened (-40°C - 75°C) Web-Smart 7 10/100TX Ports (4 PoE+) + 1 100FX Fiber Port Ethernet Switch. Din Rail or Panel Mount, Power Terminal Block and DC Jack 48VDC	$	1,204.00
EX46171-P0B	Hardened (-40°C - 75°C) Web-Smart 7 10/100TX Ports (4 PoE+) + 1 100FX Fiber Port Ethernet Switch. Din Rail or Panel Mount, Power Terminal Block and DC Jack 48VDC	$	1,366.00
EX46171-Q0B	Hardened (-40°C - 75°C) Web-Smart 7 10/100TX Ports (4 PoE+) + 1 100FX Fiber Port Ethernet Switch. Din Rail or Panel Mount, Power Terminal Block and DC Jack 48VDC	$	1,423.00
EX46171-R0B	Hardened (-40°C - 75°C) Web-Smart 7 10/100TX Ports (4 PoE+) + 1 100FX Fiber Port Ethernet Switch. Din Rail or Panel Mount, Power Terminal Block and DC Jack 48VDC	$	1,702.00
EX46171-S0B	Hardened (-40°C - 75°C) Web-Smart 7 10/100TX Ports (4 PoE+) + 1 100FX Fiber Port Ethernet Switch. Din Rail or Panel Mount, Power Terminal Block and DC Jack 48VDC	$	1,769.00
EX46180-00B	Hardened (-40°C - 75°C) Web-Smart 8 10/100TX Ports (4 PoE+) Ethernet Switch. Din Rail or Panel Mount, Power Terminal Block and DC Jack 48VDC	$	963.00
	Hardened Managed Switches		
EX48041-10B	5 Port Hardened (-40°C - 75°C) Managed PoE Ethernet Switch, 4 10/100 PoE 30W ports, 120W PoE power budget, + 1 100FX Fiber port. Desktop or Wall Mount, DC Jack & Terminal Block Power Connector (47VDC - 57VDC)	$	751.00
EX48041-20B	5 Port Hardened (-40°C - 75°C) Managed PoE Ethernet Switch, 4 10/100 PoE 30W ports, 120W PoE power budget, + 1 100FX Fiber port. Desktop or Wall Mount, DC Jack & Terminal Block Power Connector (47VDC - 57VDC)	$	751.00
EX48041-60B	5 Port Hardened (-40°C - 75°C) Managed PoE Ethernet Switch, 4 10/100 PoE 30W ports, 120W PoE power budget, + 1 100FX Fiber port. Desktop or Wall Mount, DC Jack & Terminal Block Power Connector (47VDC - 57VDC)	$	907.00
EX48041-70B	5 Port Hardened (-40°C - 75°C) Managed PoE Ethernet Switch, 4 10/100 PoE 30W ports, 120W PoE power budget, + 1 100FX Fiber port. Desktop or Wall Mount, DC Jack & Terminal Block Power Connector (47VDC - 57VDC)	$	941.00
EX48041-80B	5 Port Hardened (-40°C - 75°C) Managed PoE Ethernet Switch, 4 10/100 PoE 30W ports, 120W PoE power budget, + 1 100FX Fiber port. Desktop or Wall Mount, DC Jack & Terminal Block Power Connector (47VDC - 57VDC)	$	952.00
EX48041-90B	5 Port Hardened (-40°C - 75°C) Managed PoE Ethernet Switch, 4 10/100 PoE 30W ports, 120W PoE power budget, + 1 100FX Fiber port. Desktop or Wall Mount, DC Jack & Terminal Block Power Connector (47VDC - 57VDC)	$	997.00

EX48041-A0B	5 Port Hardened (-40°C - 75°C) Managed PoE Ethernet Switch, 4 10/100 PoE 30W ports, 120W PoE power budget, + 1 100FX Fiber port. Desktop or Wall Mount, DC Jack & Terminal Block Power Connector (47VDC - 57VDC)	$	975.00
EX48041-B0B	5 Port Hardened (-40°C - 75°C) Managed PoE Ethernet Switch, 4 10/100 PoE 30W ports, 120W PoE power budget, + 1 100FX Fiber port. Desktop or Wall Mount, DC Jack & Terminal Block Power Connector (47VDC - 57VDC)	$	1,199.00
EX48041-H0B	5 Port Hardened (-40°C - 75°C) Managed PoE Ethernet Switch, 4 10/100 PoE 30W ports, 120W PoE power budget, + 1 100FX Fiber port. Desktop or Wall Mount, DC Jack & Terminal Block Power Connector (47VDC - 57VDC)	$	975.00
EX48041-P0B	5 Port Hardened (-40°C - 75°C) Managed PoE Ethernet Switch, 4 10/100 PoE 30W ports, 120W PoE power budget, + 1 100FX Fiber port. Desktop or Wall Mount, DC Jack & Terminal Block Power Connector (47VDC - 57VDC)	$	2,508.00
EX48041-Q0B	5 Port Hardened (-40°C - 75°C) Managed PoE Ethernet Switch, 4 10/100 PoE 30W ports, 120W PoE power budget, + 1 100FX Fiber port. Desktop or Wall Mount, DC Jack & Terminal Block Power Connector (47VDC - 57VDC)	$	2,732.00
EX48041-R0B	5 Port Hardened (-40°C - 75°C) Managed PoE Ethernet Switch, 4 10/100 PoE 30W ports, 120W PoE power budget, + 1 100FX Fiber port. Desktop or Wall Mount, DC Jack & Terminal Block Power Connector (47VDC - 57VDC)	$	3,292.00
EX48041-S0B	5 Port Hardened (-40°C - 75°C) Managed PoE Ethernet Switch, 4 10/100 PoE 30W ports, 120W PoE power budget, + 1 100FX Fiber port. Desktop or Wall Mount, DC Jack & Terminal Block Power Connector (47VDC - 57VDC)	$	3,516.00
EX48050-00B	5 Port Hardened (-40°C - 75°C) Managed PoE Ethernet Switch, 4 10/100 PoE 30W ports, 120W PoE power budget. Desktop or Wall Mount, DC Jack & Terminal Block Power Connector (47VDC - 57VDC)	$	672.00
EX71440-10B	Hardened (-40°C - 75°C) Managed Ethernet Switch with 4 10/100TX Ports + 4 100FX Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	1,523.00
EX71440-20B	Hardened (-40°C - 75°C) Managed Ethernet Switch with 4 10/100TX Ports + 4 100FX Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	1,523.00
EX71440-60B	Hardened (-40°C - 75°C) Managed Ethernet Switch with 4 10/100TX Ports + 4 100FX Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	2,195.00
EX71440-70B	Hardened (-40°C - 75°C) Managed Ethernet Switch with 4 10/100TX Ports + 4 100FX Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	2,419.00
EX71440-80B	Hardened (-40°C - 75°C) Managed Ethernet Switch with 4 10/100TX Ports + 4 100FX Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	2,419.00
EX71440-90B	Hardened (-40°C - 75°C) Managed Ethernet Switch with 4 10/100TX Ports + 4 100FX Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	2,642.00
EX71440-A0B	Hardened (-40°C - 75°C) Managed Ethernet Switch with 4 10/100TX Ports + 4 100FX Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	2,218.00
EX71440-B0B	Hardened (-40°C - 75°C) Managed Ethernet Switch with 4 10/100TX Ports + 4 100FX Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	2,642.00
EX71440-C0B	Hardened (-40°C - 75°C) Managed Ethernet Switch with 4 10/100TX Ports + 4 100FX Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	4,434.00
EX71440-H0B	Hardened (-40°C - 75°C) Managed Ethernet Switch with 4 10/100TX Ports + 4 100FX Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	2,195.00

EX71440-P0B	Hardened (-40°C - 75°C) Managed Ethernet Switch with 4 10/100TX Ports + 4 100FX Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	2,642.00
EX71440-Q0B	Hardened (-40°C - 75°C) Managed Ethernet Switch with 4 10/100TX Ports + 4 100FX Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	2,866.00
EX71440-R0B	Hardened (-40°C - 75°C) Managed Ethernet Switch with 4 10/100TX Ports + 4 100FX Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	3,986.00
EX71440-S0B	Hardened (-40°C - 75°C) Managed Ethernet Switch with 4 10/100TX Ports + 4 100FX Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	4,255.00
EX71440-V0B	Hardened (-40°C - 75°C) Managed Ethernet Switch with 4 10/100TX Ports + 4 100MB SFP Slots. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	1,030.00
EX71440-ZACB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 4 10/100TX Ports + 4 100FX Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	3,314.00
EX71620-10B	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	1,232.00
EX71620-20B	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	1,232.00
EX71620-60B	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	1,568.00
EX71620-70B	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	1,680.00
EX71620-80B	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	1,680.00
EX71620-90B	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	1,791.00
EX71620-A0B	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	1,594.00
EX71620-B0B	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	1,791.00
EX71620-H0B	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	1,568.00
EX71620-P0B	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	1,791.00
EX71620-Q0B	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	1,903.00
EX71620-R0B	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	2,463.00

EX71620-S0B	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	2,598.00
EX71620-V0B	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100M SFP Slots. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	1,144.00
EX71620-ZA1B	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	1,400.00
EX71622-11B	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 Gigabit Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	1,456.00
EX71622-13B	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	1,680.00
EX71622-14B	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	2,127.00
EX71622-1AB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	1,903.00
EX71622-1BB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	2,127.00
EX71622-1RB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	5,486.00
EX71622-1SB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	5,934.00
EX71622-21B	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 Gigabit Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	1,456.00
EX71622-23B	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	1,680.00
EX71622-2AB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	1,903.00
EX71622-2BB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	2,127.00
EX71622-2RB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	5,486.00
EX71622-2SB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	5,934.00
EX71622-61B	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 Gigabit Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	1,791.00
EX71622-63B	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	2,015.00

EX71622-6AB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	2,239.00
EX71622-6BB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	2,463.00
EX71622-6RB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	5,822.00
EX71622-6SB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	6,270.00
EX71622-71B	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 Gigabit Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	1,903.00
EX71622-73B	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	2,127.00
EX71622-7AB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	2,351.00
EX71622-7BB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	2,575.00
EX71622-7RB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	5,934.00
EX71622-7SB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	6,382.00
EX71622-81B	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 Gigabit Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	1,903.00
EX71622-83B	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	2,127.00
EX71622-8AB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	2,351.00
EX71622-8BB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	2,575.00
EX71622-8RB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	5,934.00
EX71622-8SB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	6,382.00
EX71622-91B	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 Gigabit Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	2,015.00
EX71622-93B	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	2,239.00

EX71622-9AB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	2,463.00
EX71622-9BB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	2,687.00
EX71622-9RB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	6,046.00
EX71622-9SB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	6,494.00
EX71622-A1B	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 Gigabit Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	1,791.00
EX71622-A3B	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	2,015.00
EX71622-AAB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	2,239.00
EX71622-ABB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	2,463.00
EX71622-ARB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	5,822.00
EX71622-ASB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	6,270.00
EX71622-AVB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE SFP Slots. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	1,258.00
EX71622-B1B	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 Gigabit Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	2,015.00
EX71622-B3B	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	2,239.00
EX71622-BAB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	2,463.00
EX71622-BBB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	2,687.00
EX71622-BRB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	6,046.00
EX71622-BSB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	6,494.00
EX71622-H1B	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 Gigabit Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	1,791.00

EX71622-H3B	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	2,015.00
EX71622-HAB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	2,239.00
EX71622-HBB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	2,463.00
EX71622-HRB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	5,822.00
EX71622-HSB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	6,270.00
EX71622-P1B	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 Gigabit Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	2,015.00
EX71622-P3B	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	2,239.00
EX71622-PAB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	2,463.00
EX71622-PBB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	2,687.00
EX71622-PRB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	6,046.00
EX71622-PSB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	6,494.00
EX71622-Q1B	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 Gigabit Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	2,127.00
EX71622-Q3B	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	2,351.00
EX71622-QAB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	2,575.00
EX71622-QBB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	2,799.00
EX71622-QRB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	6,158.00
EX71622-QSB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	6,606.00
EX71622-R1B	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 Gigabit Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	2,687.00

EX71622-R3B	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	2,911.00
EX71622-RAB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	3,135.00
EX71622-RBB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	3,359.00
EX71622-RRB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	6,718.00
EX71622-RSB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	7,166.00
EX71622-S1B	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 Gigabit Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	2,822.00
EX71622-S3B	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	3,046.00
EX71622-SAB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	3,269.00
EX71622-SBB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	3,493.00
EX71622-SRB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	6,852.00
EX71622-SSB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100FX Fiber Port + 2 GE Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	7,300.00
EX71622-VVB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 6 10/100TX Ports + 2 100M SFP Slots + 2 GE SFP Slots. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	1,317.00
EX71802-01B	Hardened (-40°C - 75°C) Managed Ethernet Switch with 8 10/100TX Ports + 2 Gigabit Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	1,164.00
EX71802-03B	Hardened (-40°C - 75°C) Managed Ethernet Switch with 8 10/100TX Ports + 2 Gigabit Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	1,388.00
EX71802-04B	Hardened (-40°C - 75°C) Managed Ethernet Switch with 8 10/100TX Ports + 2 Gigabit Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	1,836.00
EX71802-0AB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 8 10/100TX Ports + 2 Gigabit Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	1,612.00
EX71802-0BB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 8 10/100TX Ports + 2 Gigabit Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	1,836.00
EX71802-0CB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 8 10/100TX Ports + 2 Gigabit Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	2,284.00

EX71802-0HB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 8 10/100TX Ports + 2 Gigabit Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	1,612.00
EX71802-0MB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 8 10/100TX Ports + 2 Gigabit Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	1,657.00
EX71802-0NB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 8 10/100TX Ports + 2 Gigabit Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	1,881.00
EX71802-0RB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 8 10/100TX Ports + 2 Gigabit Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	5,195.00
EX71802-0RSB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 8 10/100TX Ports + 2 Gigabit Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	5,419.00
EX71802-0SB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 8 10/100TX Ports + 2 Gigabit Fiber Ports. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	5,643.00
EX71802-0VB	Hardened (-40°C - 75°C) Managed Ethernet Switch with 8 10/100TX Ports + 2 Gigabit SFP Slots. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	1,248.00
EX73400-00B	Hardened (-40°C - 75°C) Managed 16 10/100TX Ports Ethernet Switch. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	1,226.00
EX73400-00B-CC	Hardened (-40°C - 75°C) Managed 16 10/100TX Ports Ethernet Switch. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC). Conformal Coating	$	1,532.00
EX73400-00B-CC-NDR	Hardened (-40°C - 75°C) Managed 16 10/100TX Ports Ethernet Switch. Without DIN-rail mount adapter. Terminal Block or DC Jack Power Connector (12VDC - 48VDC). Conformal Coating	$	1,532.00
EX73402-01B	Hardened (-40°C - 75°C) Managed 16 10/100TX Ports + 2 Gigabit TX Ports Ethernet Switch. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	1,450.00
EX73402-03B	Hardened (-40°C - 75°C) Managed 16 10/100TX Ports + 2 Combo Gigabit TX / Fiber Ports Ethernet Switch. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 32VDC).	$	1,674.00
EX73402-03B-CC	Conformal Coating Version - Hardened (-40°C - 75°C) Managed 16 10/100TX Ports + 2 Combo Gigabit TX / Fiber Ports Ethernet Switch. DIN rail or panel mount. Terminal Block or DC Jack Power Connector (12VDC - 32VDC).	$	2,092.00
EX73402-03B-CC-NDR	Conformal Coating Version - Hardened (-40°C - 75°C) Managed 16 10/100TX Ports + 2 Combo Gigabit TX / Fiber Ports Ethernet Switch. Without DIN rail adapter. Terminal Block or DC Jack Power Connector (12VDC - 32VDC).	$	2,092.00
EX73402-04B	Hardened (-40°C - 75°C) Managed 16 10/100TX Ports + 2 Combo Gigabit TX / Fiber Ports Ethernet Switch. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	2,122.00
EX73402-05B	Hardened (-40°C - 75°C) Managed 16 10/100TX Ports + 2 Combo Gigabit TX / Fiber Ports Ethernet Switch. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	1,266.00
EX73402-0AB	Hardened (-40°C - 75°C) Managed 16 10/100TX Ports + 2 Combo Gigabit TX / Fiber Ports Ethernet Switch. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	1,898.00
EX73402-0BB	Hardened (-40°C - 75°C) Managed 16 10/100TX Ports + 2 Combo Gigabit TX / Fiber Ports Ethernet Switch. DIN Rail or Panel Mount. Terminal Block or DC Jack Power Connector (12VDC - 48VDC).	$	2,122.00
EX73922E-0VB	Hardened (-40°C - 75°C) Managed LL3 Gigabit Ethernet Switch with 8 Gigabit Ethernet Ports + 2 100/1000Base SFP ports. DIN-Rail Mount, Terminal Block Redundant Power Input 12-48VDC, power supply sold separately.	$	1,594.00

EX73922E-0VB-CC	Hardened (-40°C - 75°C) Managed LL3 Gigabit Ethernet Switch with 8 Gigabit Ethernet Ports + 2 100/1000Base SFP ports. DIN-Rail Mount, Terminal Block Redundant Power Input 12-48VDC, power supply sold separately. Conformal coating, 50pcs minimum	$	1,993.00
EX73922X-0VB	Hardened (-40°C - 75°C) Managed LL3 Gigabit Ethernet Switch with 8 Gigabit RJ45 Ports + 2 1G/10G SFP+ ports. DIN-rail mount, Terminal Block Redundant Power Input 12-48VDC, power supply sold separately.	$	2,634.00
EX73922X-0VB-CC	Hardened (-40°C - 75°C) Managed LL3 Gigabit Ethernet Switch with 8 Gigabit RJ45 Ports + 2 1G/10G SFP+ ports. DIN-rail mount, Terminal Block Redundant Power Input 12-48VDC, power supply sold separately. Conformal Coating, 50pcs minimum	$	3,292.00
EX73924E-0VB	Hardened (-40°C - 75°C) Managed LL3 Gigabit Ethernet Switch with 8 Gigabit Ethernet Ports + 4 100/1000Base SFP ports. DIN-Rail Mount, Terminal Block Redundant Power Input 12-48VDC, power supply sold separately.	$	1,733.00
EX73924E-0VB-CC	Hardened (-40°C - 75°C) Managed LL3 Gigabit Ethernet Switch with 8 Gigabit Ethernet Ports + 4 100/1000Base SFP ports. DIN-Rail Mount, Terminal Block Redundant Power Input 12-48VDC, power supply sold separately. Conformal coating, 50pcs minimum	$	2,166.00
EX73924X-0VB	Hardened (-40°C - 75°C) Managed LL3 Gigabit Ethernet Switch with 8 Gigabit RJ45 Ports + 4 1G/10G SFP+ ports. DIN-rail mount, Terminal Block Redundant Power Input 12-48VDC, power supply sold separately.	$	2,773.00
EX73924X-0VB-CC	Hardened (-40°C - 75°C) Managed LL3 Gigabit Ethernet Switch with 8 Gigabit RJ45 Ports + 4 1G/10G SFP+ ports. DIN-rail mount, Terminal Block Redundant Power Input 12-48VDC, power supply sold separately. Conformal Coating, 50pcs minimum	$	3,466.00
EX73934E-0VB	Hardened (-40°C - 75°C) Managed LL3 Gigabit Ethernet Switch with 12 Gigabit Ethernet Ports + 4 100/1000Base SFP ports. DIN-Rail Mount, Terminal Block Redundant Power Input 12-48VDC, power supply sold separately.	$	1,871.00
EX73934E-0VB-CC	Hardened (-40°C - 75°C) Managed LL3 Gigabit Ethernet Switch with 12 Gigabit Ethernet Ports + 4 100/1000Base SFP ports. DIN-Rail Mount, Terminal Block Redundant Power Input 12-48VDC, power supply sold separately. Conformal Coating, 50pcs minimum	$	2,339.00
EX73934X-0VB	Hardened (-40°C - 75°C) Managed LL3 Gigabit Ethernet Switch with 12 Gigabit RJ45 Ports + 4 1G/10G SFP+ ports. DIN-rail mount, Terminal Block Redundant Power Input 12-48VDC, power supply sold separately.	$	2,911.00
EX73934X-0VB-CC	Hardened (-40°C - 75°C) Managed LL3 Gigabit Ethernet Switch with 12 Gigabit RJ45 Ports + 4 1G/10G SFP+ ports. DIN-rail mount, Terminal Block Redundant Power Input 12-48VDC, power supply sold separately. Conformal Coating, 50pcs minimum	$	3,639.00
EX75960-0VTU	Hardened (-40°C - 75°C) Managed Ethernet Switch, 24 10/100/1000BASE-TX 802.3bt PoE ports + 4 1G SFP Ports. Rack Mount, Terminal Block 52-57VDC Redundant Power Inputs.	$	3,882.00
EX75964-0VTU	Hardened (-40°C - 75°C) Managed Ethernet Switch, 24 10/100/1000BASE-TX 802.3bt PoE ports + 4 1G/10G SFP+ Ports. Rack Mount, Terminal Block 52-57VDC Redundant Power Inputs.	$	4,159.00
EX77064-10VC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 24 100FX Fiber Ports + 4 Gigabit / SFP Combo Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	7,390.00
EX77064-143C	Hardened (-40°C - 75°C) Managed Ethernet Switch, 24 100FX Fiber Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	8,062.00
EX77064-14AC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 24 100FX Fiber Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	10,301.00
EX77064-14BC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 24 100FX Fiber Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	12,093.00
EX77064-14RC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 24 100FX Fiber Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	15,228.00
EX77064-14SC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 24 100FX Fiber Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	16,123.00

EX77064-243C	Hardened (-40°C - 75°C) Managed Ethernet Switch, 24 100FX Fiber Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	8,062.00
EX77064-A0VC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 24 100FX Fiber Ports + 4 Gigabit / SFP Combo Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	12,764.00
EX77064-A43C	Hardened (-40°C - 75°C) Managed Ethernet Switch, 24 100FX Fiber Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	13,436.00
EX77064-A4AC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 24 100FX Fiber Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	15,675.00
EX77064-A4BC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 24 100FX Fiber Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	17,467.00
EX77064-A4RC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 24 100FX Fiber Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	20,602.00
EX77064-A4SC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 24 100FX Fiber Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	21,498.00
EX77064-P0VC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 24 100FX Fiber Ports + 4 Gigabit / SFP Combo Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	15,452.00
EX77064-P43C	Hardened (-40°C - 75°C) Managed Ethernet Switch, 24 100FX Fiber Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	16,123.00
EX77064-P4AC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 24 100FX Fiber Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	18,363.00
EX77064-P4BC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 24 100FX Fiber Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	20,154.00
EX77064-P4RC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 24 100FX Fiber Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	23,289.00
EX77064-P4SC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 24 100FX Fiber Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	24,185.00
EX77064-Q0VC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 24 100FX Fiber Ports + 4 Gigabit / SFP Combo Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	16,795.00
EX77064-Q43C	Hardened (-40°C - 75°C) Managed Ethernet Switch, 24 100FX Fiber Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	17,467.00
EX77064-Q4AC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 24 100FX Fiber Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	19,706.00
EX77064-Q4BC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 24 100FX Fiber Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	21,498.00
EX77064-Q4RC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 24 100FX Fiber Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	24,633.00
EX77064-Q4SC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 24 100FX Fiber Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	25,529.00
EX77064-V0VC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 24 100FX Fiber Ports + 4 Gigabit / SFP Combo Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	2,980.00
EX77244-10VC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 8 Port 10/100 + 16 100FX Fiber Ports + 4 Gigabit / SFP Combo Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	5,867.00
EX77244-143C	Hardened (-40°C - 75°C) Managed Ethernet Switch, 8 Port 10/100 + 16 100FX Fiber Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	6,539.00
EX77244-14AC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 8 Port 10/100 + 16 100FX Fiber Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	8,778.00
EX77244-14BC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 8 Port 10/100 + 16 100FX Fiber Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	10,570.00

EX77244-14RC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 8 Port 10/100 + 16 100FX Fiber Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	13,705.00
EX77244-14SC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 8 Port 10/100 + 16 100FX Fiber Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	14,601.00
EX77244-20VCR	Hardened (-40°C - 75°C) Managed Ethernet Switch, 8 Port 10/100 + 16 100FX Fiber Ports + 4 Gigabit / SFP Combo Ports. Rack Mount with Internal Universal Redundant Power Supply, 90VAC-264VAC.	$	5,865.00
EX77244-A0VC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 8 Port 10/100 + 16 100FX Fiber Ports + 4 Gigabit / SFP Combo Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	9,450.00
EX77244-A43C	Hardened (-40°C - 75°C) Managed Ethernet Switch, 8 Port 10/100 + 16 100FX Fiber Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	10,122.00
EX77244-A4AC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 8 Port 10/100 + 16 100FX Fiber Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	12,361.00
EX77244-A4BC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 8 Port 10/100 + 16 100FX Fiber Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	14,153.00
EX77244-A4RC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 8 Port 10/100 + 16 100FX Fiber Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	17,288.00
EX77244-A4SC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 8 Port 10/100 + 16 100FX Fiber Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	18,184.00
EX77244-B0VC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 8 Port 10/100 + 16 100FX Fiber Ports + 4 Gigabit / SFP Combo Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	12,137.00
EX77244-B43C	Hardened (-40°C - 75°C) Managed Ethernet Switch, 8 Port 10/100 + 16 100FX Fiber Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	12,809.00
EX77244-B4AC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 8 Port 10/100 + 16 100FX Fiber Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	15,048.00
EX77244-B4BC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 8 Port 10/100 + 16 100FX Fiber Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	16,840.00
EX77244-B4RC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 8 Port 10/100 + 16 100FX Fiber Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	19,975.00
EX77244-B4SC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 8 Port 10/100 + 16 100FX Fiber Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	20,871.00
EX77244-P0VC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 8 Port 10/100 + 16 100FX Fiber Ports + 4 Gigabit / SFP Combo Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	11,242.00
EX77244-P43C	Hardened (-40°C - 75°C) Managed Ethernet Switch, 8 Port 10/100 + 16 100FX Fiber Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	11,913.00
EX77244-P4AC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 8 Port 10/100 + 16 100FX Fiber Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	14,153.00

EX77244-P4BC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 8 Port 10/100 + 16 100FX Fiber Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	15,944.00
EX77244-P4RC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 8 Port 10/100 + 16 100FX Fiber Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	19,079.00
EX77244-P4SC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 8 Port 10/100 + 16 100FX Fiber Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	19,975.00
EX77244-Q0VC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 8 Port 10/100 + 16 100FX Fiber Ports + 4 Gigabit / SFP Combo Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	12,137.00
EX77244-Q43C	Hardened (-40°C - 75°C) Managed Ethernet Switch, 8 Port 10/100 + 16 100FX Fiber Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	12,809.00
EX77244-Q4AC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 8 Port 10/100 + 16 100FX Fiber Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	15,048.00
EX77244-Q4BC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 8 Port 10/100 + 16 100FX Fiber Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	16,840.00
EX77244-Q4RC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 8 Port 10/100 + 16 100FX Fiber Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	19,975.00
EX77244-Q4SC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 8 Port 10/100 + 16 100FX Fiber Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	20,871.00
EX77244-R0VC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 8 Port 10/100 + 16 100FX Fiber Ports + 4 Gigabit / SFP Combo Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	18,408.00
EX77244-R43C	Hardened (-40°C - 75°C) Managed Ethernet Switch, 8 Port 10/100 + 16 100FX Fiber Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	19,079.00
EX77244-R4AC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 8 Port 10/100 + 16 100FX Fiber Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	21,319.00
EX77244-R4BC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 8 Port 10/100 + 16 100FX Fiber Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	23,110.00
EX77244-R4RC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 8 Port 10/100 + 16 100FX Fiber Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	26,245.00
EX77244-R4SC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 8 Port 10/100 + 16 100FX Fiber Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	27,141.00
EX77244-V0VC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 8 Port 10/100 + 16 100FX Fiber Ports + 4 Gigabit / SFP Combo Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	2,911.00
EX77244-V0VCR	Hardened (-40°C - 75°C) Managed Ethernet Switch, 8 Port 10/100 + 16 100FX Fiber Ports + 4 Gigabit / SFP Combo Ports. Rack Mount with Redundant Internal Universal Power Supply, 90VAC-264VAC.	$	3,554.00
EX77424-10VC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 16 Port 10/100 + 8 100FX Ports + 4 Gigabit / SFP Combo Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	4,344.00

EX77424-143C	Hardened (-40°C - 75°C) Managed Ethernet Switch, 16 Port 10/100 + 8 100FX Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	5,016.00
EX77424-14AC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 16 Port 10/100 + 8 100FX Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	7,256.00
EX77424-14BC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 16 Port 10/100 + 8 100FX Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	9,047.00
EX77424-14RC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 16 Port 10/100 + 8 100FX Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	12,182.00
EX77424-14SC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 16 Port 10/100 + 8 100FX Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	13,078.00
EX77424-243C	Hardened (-40°C - 75°C) Managed Ethernet Switch, 16 Port 10/100 + 8 100FX Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	5,016.00
EX77424-A0VC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 16 Port 10/100 + 8 100FX Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	6,136.00
EX77424-A43C	Hardened (-40°C - 75°C) Managed Ethernet Switch, 16 Port 10/100 + 8 100FX Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	6,808.00
EX77424-A4AC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 16 Port 10/100 + 8 100FX Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	9,047.00
EX77424-A4BC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 16 Port 10/100 + 8 100FX Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	10,838.00
EX77424-A4RC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 16 Port 10/100 + 8 100FX Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	13,974.00
EX77424-A4SC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 16 Port 10/100 + 8 100FX Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	14,869.00
EX77424-P0VC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 16 Port 10/100 + 8 100FX Ports + 4 Gigabit / SFP Combo Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	7,032.00
EX77424-P43C	Hardened (-40°C - 75°C) Managed Ethernet Switch, 16 Port 10/100 + 8 100FX Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	7,703.00
EX77424-P4AC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 16 Port 10/100 + 8 100FX Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	9,943.00
EX77424-P4BC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 16 Port 10/100 + 8 100FX Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	11,734.00
EX77424-P4RC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 16 Port 10/100 + 8 100FX Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	14,869.00
EX77424-P4SC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 16 Port 10/100 + 8 100FX Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	15,765.00

EX77424-Q0VC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 16 Port 10/100 + 8 100FX Ports + 4 Gigabit / SFP Combo Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	7,479.00
EX77424-Q43C	Hardened (-40°C - 75°C) Managed Ethernet Switch, 16 Port 10/100 + 8 100FX Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	8,151.00
EX77424-Q4AC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 16 Port 10/100 + 8 100FX Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	10,391.00
EX77424-Q4BC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 16 Port 10/100 + 8 100FX Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	12,182.00
EX77424-Q4RC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 16 Port 10/100 + 8 100FX Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	15,317.00
EX77424-Q4SC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 16 Port 10/100 + 8 100FX Ports + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	16,213.00
EX77424-V0VC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 16 Port 10/100 + 8 100FX Ports + 4 Gigabit / SFP Combo Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	2,773.00
EX77424-V0VCR	Hardened (-40°C - 75°C) Managed Ethernet Switch, 16 Port 10/100 + 8 100FX Ports + 4 Gigabit / SFP Combo Ports. Rack Mount with Redundant, Internal, Universal Power Supply, 90VAC-264VAC.	$	3,187.00
EX77604-00VC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 24 Port 10/100 + 4 Gigabit/SFP Combo Ports. Rack Mount with Internal Universal Power Supply, 90VAC-264VAC.	$	2,634.00
EX77604-00VCR	Hardened (-40°C - 75°C) Managed Ethernet Switch, 24 Port 10/100 + 4 Gigabit/SFP Combo Ports. Rack Mount with Redundant Internal Universal Power Supplies, 90VAC-264VAC.	$	3,102.00
EX77604-00VT	Hardened (-40°C - 75°C) Managed Ethernet Switch, 24 Port 10/100 + 4 Gigabit/SFP Combo Ports. Rack Mount with ±48VDC (Terminal Block)	$	2,634.00
EX77604-043C	Hardened (-40°C - 75°C) Managed Ethernet Switch, 24 Port 10/100 + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Redundant Power Supply, 90VAC-264VAC.	$	3,493.00
EX77604-044C	Hardened (-40°C - 75°C) Managed Ethernet Switch, 24 Port 10/100 + 4 Gigabit Fiber Ports (1000BASE-SX, SC, 2Km). Rack Mount with Internal Universal Redundant Power Supply, 90VAC-264VAC.	$	3,732.00
EX77604-04AC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 24 Port 10/100 + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Redundant Power Supply, 90VAC-264VAC.	$	5,733.00
EX77604-04BC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 24 Port 10/100 + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Redundant Power Supply, 90VAC-264VAC.	$	7,524.00
EX77604-04RC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 24 Port 10/100 + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Redundant Power Supply, 90VAC-264VAC.	$	10,659.00
EX77604-04SC	Hardened (-40°C - 75°C) Managed Ethernet Switch, 24 Port 10/100 + 4 Gigabit Fiber Ports. Rack Mount with Internal Universal Redundant Power Supply, 90VAC-264VAC.	$	11,555.00
EX77964-8VB	Hardened (-40°C - 75°C) Managed 28 Port LL3 Gigabit Ethernet Switch, 24 GE Ports (16 GE RJ45 + 8 GE Combo 100/1000 Dual Rate SFP Ports) + 4 1G/10G SFP+ Ports, Rack Mount, Redundant 12-24VDC Terminal Block Power Input. Power Supply sold separately.	$	4,159.00
EX77964-8VC	Hardened (-40°C - 75°C) Managed 28 Port LL3 Gigabit Ethernet Switch, 24 GE Ports (16 GE RJ45 + 8 GE Combo SFP Ports) + 4 1G/10G SFP+ Ports, Rack Mount, Internal Universal 90-260VAC Power Supply, IEC Power Connector	$	4,505.00

EX77964-8VCR	Hardened (-40°C - 75°C) Managed 28 Port LL3 Gigabit Ethernet Switch, 24 GE Ports (16 GE RJ45 + 8 GE Combo SFP Ports) + 4 1G/10G SFP+ Ports, Rack Mount, Redundant Internal Universal 90-260VAC Power Supply, IEC Power Connector	$	4,644.00
EX77964-8VT	Hardened (-40°C - 75°C) Managed 28 Port LL3 Gigabit Ethernet Switch, 24 GE Ports (16 GE RJ45 + 8 GE Combo SFP Ports) + 4 1G/10G SFP+ Ports, Rack Mount, ±48VDC Terminal Block Power Input	$	4,505.00
EX77964-8VTR	Hardened (-40°C - 75°C) Managed 28 Port LL3 Gigabit Ethernet Switch, 24 GE Ports (16 GE RJ45 + 8 GE Combo SFP Ports) + 4 1G/10G SFP+ Ports, Rack Mount, Redundant ±48VDC Terminal Block Power Input	$	4,644.00
EX77964-8VW	Hardened (-40°C - 75°C) Managed 28 Port LL3 Gigabit Ethernet Switch, 24 GE Ports (16 GE RJ45 + 8 GE Combo SFP Ports) + 4 1G/10G SFP+ Ports, Rack Mount, Internal Universal 90-260VAC Power Supply, Terminal Block Power Connector	$	4,505.00
EX77964-8VWR	Hardened (-40°C - 75°C) Managed 28 Port LL3 Giagbit Ethernet Switch, 24 GE Ports (16 GE RJ45 + 8 GE Combo SFP Ports) + 4 1G/10G SFP+ Ports, Rack Mount, Redundant Internal Universal 90-260VAC Power Supply, Terminal Block Power Connector	$	4,644.00
EX-779-PC	Power Supply, screw-in module for EX77964-8XC or 8XCR only	$	312.00
EX78402-01BT	Hardened (-40°C - 75°C) Managed Ethernet PoE Switch with 4 10/100 802.3at PoE ports + 2 Gigabit RJ45 ports. DIN RAIL Mount, Terminal Block Power Input 48VDC - 57VDC.	$	1,176.00
EX78402-03BT	Hardened (-40°C - 75°C) Managed Ethernet PoE Switch with 4 10/100 802.3at PoE ports + 2 Gigabit Fiber ports. DIN RAIL Mount, Terminal Block Power Input 48VDC - 57VDC.	$	1,400.00
EX78402-04BT	Hardened (-40°C - 75°C) Managed Ethernet PoE Switch with 4 10/100 802.3at PoE ports + 2 Gigabit Fiber ports. DIN RAIL Mount, Terminal Block Power Input 48VDC - 57VDC.	$	1,848.00
EX78402-05BT	Hardened (-40°C - 75°C) Managed Ethernet PoE Switch with 4 10/100 802.3at PoE ports + 2 Gigabit Fiber ports. DIN RAIL Mount, Terminal Block Power Input 48VDC - 57VDC.	$	1,400.00
EX78402-0ABT	Hardened (-40°C - 75°C) Managed Ethernet PoE Switch with 4 10/100 802.3at PoE ports + 2 Gigabit Fiber ports. DIN RAIL Mount, Terminal Block Power Input 48VDC - 57VDC.	$	1,624.00
EX78402-0RBT	Hardened (-40°C - 75°C) Managed Ethernet PoE Switch with 4 10/100 802.3at PoE ports + 2 Gigabit Fiber ports. DIN RAIL Mount, Terminal Block Power Input 48VDC - 57VDC.	$	5,207.00
EX78402-0SBT	Hardened (-40°C - 75°C) Managed Ethernet PoE Switch with 4 10/100 802.3at PoE ports + 2 Gigabit Fiber ports. DIN RAIL Mount, Terminal Block Power Input 48VDC - 57VDC.	$	5,655.00
EX78402-0VBT	Hardened (-40°C - 75°C) Managed Ethernet PoE Switch with 4 10/100 802.3at PoE ports + 2 Gigabit SFP ports. DIN RAIL Mount, Terminal Block Power Input 48VDC - 57VDC.	$	1,221.00
EX78802-01BT	Hardened (-40°C - 75°C) Managed Ethernet PoE Switch with 8 10/100 802.3at 30W PoE ports + 2 Gigabit RJ45 ports. DIN RAIL Mount, Terminal Block Power Input 48VDC - 57VDC.	$	1,534.00
EX78802-03BT	Hardened (-40°C - 75°C) Managed Ethernet PoE Switch with 8 10/100 802.3at 30W PoE Ports + 2 Gigabit Fiber ports. DIN RAIL Mount, Terminal Block Power Input 48VDC - 57VDC.	$	1,758.00
EX78802-04BT	Hardened (-40°C - 75°C) Managed Ethernet PoE Switch with 8 10/100 802.3at 30W PoE Ports + 2 Gigabit Fiber ports. DIN RAIL Mount, Terminal Block Power Input 48VDC - 57VDC.	$	2,206.00
EX78802-05BT	Hardened (-40°C - 75°C) Managed Ethernet PoE Switch with 8 10/100 802.3at 30W PoE Ports + 2 Gigabit Fiber ports. DIN RAIL Mount, Terminal Block Power Input 48VDC - 57VDC.	$	2,206.00
EX78802-0ABT	Hardened (-40°C - 75°C) Managed Ethernet PoE Switch with 8 10/100 802.3at 30W PoE Ports + 2 Gigabit Fiber ports. DIN RAIL Mount, Terminal Block Power Input 48VDC - 57VDC.	$	1,982.00

EX78802-0RBT	Hardened (-40°C - 75°C) Managed Ethernet PoE Switch with 8 10/100 802.3at 30W PoE Ports + 2 Gigabit Fiber ports. DIN RAIL Mount, Terminal Block Power Input 48VDC - 57VDC.	$	5,565.00
EX78802-0SBT	Hardened (-40°C - 75°C) Managed Ethernet PoE Switch with 8 10/100 802.3at 30W PoE Ports + 2 Gigabit Fiber ports. DIN RAIL Mount, Terminal Block Power Input 48VDC - 57VDC.	$	6,013.00
EX78802-0VBT	Hardened (-40°C - 75°C) Managed Ethernet PoE Switch with 8 10/100 802.3at 30W PoE ports + 2 Gigabit SFP ports. DIN RAIL Mount, Terminal Block Power Input 48VDC - 57VDC.	$	1,733.00
EX78822-11BT	Hardened (-40°C - 75°C) Managed Ethernet PoE Switch with 8 10/100 802.3at 30W PoE ports + 2 100FX Fiber ports + 2 GE ports. DIN RAIL Mount, Terminal Block Power Input 48VDC - 57VDC.	$	1,870.00
EX78822-13BT	Hardened (-40°C - 75°C) Managed Ethernet PoE Switch with 8 10/100 802.3at 30W PoE Ports + 2 100FX Fiber ports + 2 GE Fiber ports. DIN RAIL Mount, Terminal Block Power Input 48VDC - 57VDC.	$	2,094.00
EX78822-14BT	Hardened (-40°C - 75°C) Managed Ethernet PoE Switch with 8 10/100 802.3at 30W PoE Ports + 2 100FX Fiber ports + 2 GE Fiber ports. DIN RAIL Mount, Terminal Block Power Input 48VDC - 57VDC.	$	2,542.00
EX78822-21BT	Hardened (-40°C - 75°C) Managed Ethernet PoE Switch with 8 10/100 802.3at 30W PoE Ports + 2 100FX Fiber ports + 2 GE Fiber ports. DIN RAIL Mount, Terminal Block Power Input 48VDC - 57VDC.	$	1,870.00
EX78822-25BT	Hardened (-40°C - 75°C) Managed Ethernet PoE Switch with 8 10/100 802.3at 30W PoE Ports + 2 100FX Fiber ports + 2 GE Fiber ports. DIN RAIL Mount, Terminal Block Power Input 48VDC - 57VDC.	$	2,094.00
EX78822-A1BT	Hardened (-40°C - 75°C) Managed Ethernet PoE Switch with 8 10/100 802.3at 30W PoE Ports + 2 100FX Fiber ports + 2 GE Fiber ports. DIN RAIL Mount, Terminal Block Power Input 48VDC - 57VDC.	$	2,206.00
EX78822-A3BT	Hardened (-40°C - 75°C) Managed Ethernet PoE Switch with 8 10/100 802.3at 30W PoE Ports + 2 100FX Fiber ports + 2 GE Fiber ports. DIN RAIL Mount, Terminal Block Power Input 48VDC - 57VDC. 2 x SM 20KM SC & 2 x 1000 BASE-SX 550m	$	1,700.00
EX78822-AABT	Hardened (-40°C - 75°C) Managed Ethernet PoE Switch with 8 10/100 802.3at 30W PoE Ports + 2 100FX Fiber ports + 2 GE Fiber ports. DIN RAIL Mount, Terminal Block Power Input 48VDC - 57VDC.	$	2,654.00
EX78822-ARBT	Hardened (-40°C - 75°C) Managed Ethernet PoE Switch with 8 10/100 802.3at 30W PoE Ports + 2 100FX Fiber ports + 2 GE Fiber ports. DIN RAIL Mount, Terminal Block Power Input 48VDC - 57VDC.	$	6,237.00
EX78822-ASBT	Hardened (-40°C - 75°C) Managed Ethernet PoE Switch with 8 10/100 802.3at 30W PoE Ports + 2 100FX Fiber ports + 2 GE Fiber ports. DIN RAIL Mount, Terminal Block Power Input 48VDC - 57VDC.	$	6,685.00
EX78822-VVBT	Hardened (-40°C - 75°C) Managed Ethernet PoE Switch with 8 10/100 802.3at 30W PoE ports + 2 100Base SFP ports + 2 GE SFP ports. DIN RAIL Mount, Terminal Block Power Input 48VDC - 57VDC.	$	1,802.00
EX78921B-0VB	Hardened (-40°C - 75°C) Managed LL3 Gigabit Ethernet PoE Switch with 8 Gigabit Ports, (8 GE PoE+ 60W) + 4 1000Base SFP ports. IEEE802.3at 60W on Ports 1-8 with 240W PoE power budget, Includes Digital I/O. Rear Mount Terminal Block Power Input 52VDC - 57VDC, power supply sold separately..	$	1,911.00
EX78922E-0VB	Hardened (-40°C - 75°C) Managed LL3 Gigabit Ethernet PoE Switch with 8 Gigabit PoE Ports + 2 100/1000Base SFP ports. IEEE802.3bt 60W on 4 ports with 240W PoE power budget. DIN-rail mount, Terminal Block Redundant Power Input 52-57VDC, power supply sold separately.	$	1,941.00
EX78922E-0VB-CC	Hardened (-40°C - 75°C) Managed LL3 Gigabit Ethernet PoE Switch with 8 Gigabit PoE Ports + 2 100/1000Base SFP ports. IEEE802.3bt 60W on 4 ports with 240W PoE power budget. DIN-rail mount, Terminal Block Redundant Power Input 52-57VDC, power supply sold separately. Conformal Coating, 50pcs minimum	$	2,426.00

EX78924E-0VB	Hardened (-40°C - 75°C) Managed LL3 Gigabit Ethernet PoE Switch with 8 Gigabit PoE Ports + 4 100/1000Base SFP ports. IEEE802.3bt 60W on 4 ports with 240W PoE power budget. DIN-rail mount, Terminal Block Redundant Power Input 52-57VDC, power supply sold separately.	$	2,114.00
EX78924E-0VB-CC	Hardened (-40°C - 75°C) Managed LL3 Gigabit Ethernet PoE Switch with 8 Gigabit PoE Ports + 4 100/1000Base SFP ports. IEEE802.3bt 60W on 4 ports with 240W PoE power budget. DIN-rail mount, Terminal Block Redundant Power Input 52-57VDC, power supply sold separately. Conformal Coating, 50pcs minimum	$	2,643.00
EX78934E-0VB	Hardened (-40°C - 75°C) Managed LL3 Gigabit Ethernet PoE Switch with 12 Gigabit PoE Ports + 4 100/1000Base SFP ports. IEEE802.3bt 60W on 4 ports with 240W PoE power budget. DIN-rail mount, Terminal Block Redundant Power Input 52-57VDC, power supply sold separately.	$	2,287.00
EX78934E-0VB-CC	Hardened (-40°C - 75°C) Managed LL3 Gigabit Ethernet PoE Switch with 12 Gigabit PoE Ports + 4 100/1000Base SFP ports. IEEE802.3bt 60W on 4 ports with 240W PoE power budget. DIN-rail mount, Terminal Block Redundant Power Input 52-57VDC, power supply sold separately. Conformal Coating, 50pcs minimum	$	2,859.00
EX78934R-0VB	Hardened (-40°C - 75°C) Managed LL3 Gigabit Ethernet PoE Switch with 12 Gigabit PoE Ports + 4 100/1000Base SFP ports. 60W on 4 ports (30W on 8 ports) with 240W PoE power budget. Rear Mount Terminal Block Power Input 48-57VDC.	$	3,712.00
EX78934X-0VB	Hardened (-40°C - 75°C) Managed LL3 Gigabit Ethernet PoE Switch with 12 Gigabit PoE Ports + 4 1G/10G SFP+ ports. IEEE802.3bt 90W with 360W PoE power budget. DIN-rail mount, Terminal Block Redundant Power Input 52-57VDC, power supply sold separately.	$	3,531.00
EX78934X-0VB-CC	Hardened (-40°C - 75°C) Managed LL3 Gigabit Ethernet PoE Switch with 12 Gigabit PoE Ports + 4 1G/10G SFP+ ports. IEEE802.3bt 90W with 360W PoE power budget. DIN-rail mount, Terminal Block Redundant Power Input 52-57VDC, power supply sold separately. Conformal coating, 50pcs minimum	$	4,414.00
EX83202-0VB	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch with 8 10/100TX Ports + 2 1000BASE SFP Ports. DIN Rail Mount, 12VDC to 48VDC Redundant Power Input Terminal Block.	$	1,386.00
EX83204-0VB	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch with 8 10/100TX Ports + 4 1000BASE SFP Ports. DIN Rail Mount, 12VDC to 48VDC Redundant Power Input Terminal Block.	$	1,456.00
EX83304-0VB	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch with 12 10/100TX Ports + 4 1000BASE SFP Ports. DIN Rail Mount, 12VDC to 48VDC Redundant Power Input Terminal Block.	$	1,594.00
EX87064-143C	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 24 100FX Fiber Ports + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	8,286.00
EX87064-14AC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 24 100FX Fiber Ports + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	10,525.00
EX87064-14BC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 24 100FX Fiber Ports + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	12,316.00
EX87064-14RC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 24 100FX Fiber Ports + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	15,452.00
EX87064-14SC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 24 100FX Fiber Ports + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	16,347.00
EX87064-A43C	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 24 100FX Fiber Ports + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	13,660.00

EX87064-A4AC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 24 100FX Fiber Ports + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	15,899.00
EX87064-A4BC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 24 100FX Fiber Ports + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	17,691.00
EX87064-A4RC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 24 100FX Fiber Ports + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	20,826.00
EX87064-A4SC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 24 100FX Fiber Ports + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	21,722.00
EX87064-P43C	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 24 100FX Fiber Ports + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	16,347.00
EX87064-P4AC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 24 100FX Fiber Ports + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	18,587.00
EX87064-P4BC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 24 100FX Fiber Ports + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	20,378.00
EX87064-P4RC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 24 100FX Fiber Ports + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	23,513.00
EX87064-P4SC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 24 100FX Fiber Ports + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	24,409.00
EX87064-Q43C	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 24 100FX Fiber Ports + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	17,691.00
EX87064-Q4AC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 24 100FX Fiber Ports + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	19,930.00
EX87064-Q4BC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 24 100FX Fiber Ports + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	21,722.00
EX87064-Q4RC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 24 100FX Fiber Ports + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	24,857.00
EX87064-Q4SC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 24 100FX Fiber Ports + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	25,753.00
EX87244-10VC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 8 10/100 Ports + 16 100FX Fiber Ports + 4 GE SFP Combo Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	6,091.00
EX87244-143C	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 8 10/100 Ports + 16 100FX Fiber Ports + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	6,763.00
EX87244-14AC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 8 10/100 Ports + 16 100FX Fiber Ports + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	9,002.00
EX87244-14BC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 8 10/100 Ports + 16 100FX Fiber Ports + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	10,794.00

EX87244-14RC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 8 10/100 Ports + 16 100FX Fiber Ports + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	13,929.00
EX87244-14SC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 8 10/100 Ports + 16 100FX Fiber Ports + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	14,825.00
EX87244-A0VC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 8 10/100 Ports + 16 100FX Fiber Ports + 4 GE SFP Combo Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	9,674.00
EX87244-A43C	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 8 10/100 Ports + 16 100FX Fiber Ports + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	10,346.00
EX87244-A4AC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 8 10/100 Ports + 16 100FX Fiber Ports + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	12,585.00
EX87244-A4BC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 8 10/100 Ports + 16 100FX Fiber Ports + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	14,377.00
EX87244-A4RC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 8 10/100 Ports + 16 100FX Fiber Ports + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	17,512.00
EX87244-A4SC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 8 10/100 Ports + 16 100FX Fiber Ports + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	18,408.00
EX87244-P0VC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 8 10/100 Ports + 16 100FX Fiber Ports + 4 GE SFP Combo Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	11,465.00
EX87244-P43C	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 8 10/100 Ports + 16 100FX Fiber Ports + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	12,137.00
EX87244-P4AC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 8 10/100 Ports + 16 100FX Fiber Ports + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	14,377.00
EX87244-P4BC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 8 10/100 Ports + 16 100FX Fiber Ports + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	16,168.00
EX87244-P4RC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 8 10/100 Ports + 16 100FX Fiber Ports + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	19,303.00
EX87244-P4SC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 8 10/100 Ports + 16 100FX Fiber Ports + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	20,199.00
EX87244-Q0VC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 8 10/100 Ports + 16 100FX Fiber Ports + 4 GE SFP Combo Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	12,361.00
EX87244-Q43C	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 8 10/100 Ports + 16 100FX Fiber Ports + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	13,033.00
EX87244-Q4AC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 8 10/100 Ports + 16 100FX Fiber Ports + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	15,272.00
EX87244-Q4BC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 8 10/100 Ports + 16 100FX Fiber Ports + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	17,064.00

EX87244-Q4RC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 8 10/100 Ports + 16 100FX Fiber Ports + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	20,199.00
EX87244-Q4SC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 8 10/100 Ports + 16 100FX Fiber Ports + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	21,095.00
EX87244-V0VC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 8 10/100 Ports + 16 100FX Fiber Ports + 4 GE SFP Combo Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	3,329.00
EX87424-10VC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 16 10/100 Ports + 8 100FX Fiber Ports + 4 GE SFP Combo Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	4,568.00
EX87424-143C	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 16 10/100 Ports + 8 100FX Fiber Ports + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	5,240.00
EX87424-14AC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 16 10/100 Ports + 8 100FX Fiber Ports + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	7,479.00
EX87424-14BC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 16 10/100 Ports + 8 100FX Fiber Ports + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	9,271.00
EX87424-14RC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 16 10/100 Ports + 8 100FX Fiber Ports + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	12,406.00
EX87424-14SC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 16 10/100 Ports + 8 100FX Fiber Ports + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	13,302.00
EX87424-A0VC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 16 10/100 Ports + 8 100FX Fiber Ports + 4 GE SFP Combo Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	6,360.00
EX87424-A43C	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 16 10/100 Ports + 8 100FX Fiber Ports + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	7,032.00
EX87424-A4AC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 16 10/100 Ports + 8 100FX Fiber Ports + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	9,271.00
EX87424-A4BC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 16 10/100 Ports + 8 100FX Fiber Ports + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	11,062.00
EX87424-A4RC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 16 10/100 Ports + 8 100FX Fiber Ports + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	14,198.00
EX87424-A4SC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 16 10/100 Ports + 8 100FX Fiber Ports + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	15,093.00
EX87424-P0VC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 16 10/100 Ports + 8 100FX Fiber Ports + 4 GE SFP Combo Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	7,256.00
EX87424-P43C	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 16 10/100 Ports + 8 100FX Fiber Ports + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	7,927.00
EX87424-P4AC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 16 10/100 Ports + 8 100FX Fiber Ports + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	10,167.00

EX87424-P4BC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 16 10/100 Ports + 8 100FX Fiber Ports + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	11,958.00
EX87424-P4RC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 16 10/100 Ports + 8 100FX Fiber Ports + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	15,093.00
EX87424-P4SC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 16 10/100 Ports + 8 100FX Fiber Ports + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	15,989.00
EX87424-Q0VC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 16 10/100 Ports + 8 100FX Fiber Ports + 4 GE SFP Combo Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	7,703.00
EX87424-Q43C	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 16 10/100 Ports + 8 100FX Fiber Ports + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	8,375.00
EX87424-Q4AC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 16 10/100 Ports + 8 100FX Fiber Ports + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	10,615.00
EX87424-Q4BC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 16 10/100 Ports + 8 100FX Fiber Ports + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	12,406.00
EX87424-Q4RC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 16 10/100 Ports + 8 100FX Fiber Ports + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	15,541.00
EX87424-Q4SC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 16 10/100 Ports + 8 100FX Fiber Ports + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	16,437.00
EX87424-V0VC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 16 10/100 Ports + 8 100FX Fiber Ports + 4 GE SFP Combo Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	3,187.00
EX87604-00VC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 24 Port 10/100 + 4 GE SFP Combo Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	3,046.00
EX87604-00VT	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 24 Port 10/100 + 2 GE SFP Combo Ports. Rack Mount with Internal Power Supply, 48VDC.	$	3,046.00
EX87604-00VTR	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 24 Port 10/100 + 2 GE SFP Combo Ports. Rack Mount with Internal Power Supply, 48VDC.	$	3,046.00
EX87604-043C	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 24 Port 10/100 + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	3,717.00
EX87604-04AC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 24 Port 10/100 + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	5,957.00
EX87604-04RC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 24 Port 10/100 + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	10,883.00
EX87604-04SC	Hardened (-40°C - 75°C), IEC16850 & IEEE1613, Managed Ethernet Switch, 24 Port 10/100 + 4 GE Fiber Ports. Rack Mount with Internal Universal Power Supply, 100VAC - 260VAC.	$	11,779.00
IG5-00244RCR	Hardened (-40°C - 75°C) Managed 28 Port LL3 Gigabit Ethernet Switch, 24 GE 100/1000 Dual Rate SFP Ports + 4 1G/10G SFP+ Ports, Rack Mount, Redundant 100-240VAC Power input (AC inlet).	$	6,212.00
IG5-08164RCR	Hardened (-40°C - 75°C) Managed 28 Port LL3 Gigabit Ethernet Switch, 24 GE Ports (8 GE RJ45 + 16 GE 100/1000 Dual Rate SFP Ports) + 4 1G/10G SFP+ Ports, Rack Mount, Redundant 100-240VAC Power input (AC inlet).	$	6,212.00

SG300-0602	Hardened (-40°C - 75°C) Smart Managed 6 10/100/1000TX + 2 100/1000 SFP Ports Ethernet Switch. DIN Rail Mount. Terminal Block Redundant Power Connector (12VDC - 57VDC).	$	1,308.00
SG300-08	Hardened (-40°C - 75°C) Smart Managed 8 10/100/1000TX Ports Ethernet Switch. DIN Rail Mount. Terminal Block Redundant Power Connector (12VDC - 57VDC).	$	1,308.00
SG300-16	Hardened (-40°C - 75°C) Smart Managed 16 10/100/1000TX Ports Ethernet Switch. DIN Rail Mount. Terminal Block Redundant Power Connector (12VDC - 57VDC).	$	2,616.00
	SFP Modules:		
SFPG8T03D	VDSL2 SFP Module, -20C to +70C, 100Mbps max, CO mode	$	235.00
SFPG9T03D	VDSL2 SFP Module, -20C to +70C, 100Mbps max, CPE mode	$	235.00
SFPGIM02C	SFP Module, Commercial (0 to 70°C/32 to 158°F), DDM	$	162.00
SFPGIM02M	SFP Module, Hardened (-40C - +75C) Gigabit MM 2Km 1310nm (Duplex LC), DDM	$	270.00
SFPGIM5AC	SFP Module, Commercial (0C - 45C) Gigabit, DDM	$	85.00
SFPGIM5AM	SFP Module, Hardened (-40C - +75C) Gigabit, DDM	$	162.00
SFPGIS10C	SFP Module, Commercial (0 to 70°C/32 to 158°F), DDM	$	112.00
SFPGIS10M	SFP Module, Hardened (-40C - +75C) Gigabit, Gigabit SM 10KM, LC Connector, DDM	$	229.00
SFPGIS20M	SFP Module, Hardened -40 to 85°C/-40 to 185°F), Gigabit SM 20KM (2 LC), DDM	$	388.00
SFPGIS90C	SFP Module, Commercial (0 to 70°C/32 to 158°F)	$	618.00
SFPGXT1AM	SFP Module, Hardened (-40C - +75C) Gigabit, RJ45 Connector, 100m, cat5 or better	$	219.00
SFPGYS20M	SFP Module, Hardened (-40 to 85°C/-40 to 185°F), DDM, 20Km, Single LC, TX: 1310nm/RX: 1550nm	$	487.00
SFPGZS20M	SFP Module, Hardened (-40 to 85°C/-40 to 185°F), DDM, 20Km, Single LC, TX: 1550nm/RX: 1310nm	$	588.00
SFPMIM02C	SFP Module, Commercial (0C - 45C) 100FX 2KM 1310nm, DDM	$	59.00
SFPMIS20M	SFP Module, Hardened (-40C - +75C) 100FX SFP SM 15KM, LC Connector, DDM	$	334.00
SFPMXT1AC	SFP Module, Commercial(0C - +70C) 100Mbps, RJ45 Connector, 100m, cat5 or better	$	133.00
SFPMYS20M	SFP Module, Hardened (-40C - +75C) 100FX WDM Type-A SM 20KM, DDM	$	348.00
SFPMZS20M	SFP Module, Hardened (-40C - +75C) 100FX WDM Type-B SM 20KM, DDM	$	364.00
SFPTIM3AE	SFP Module, Commercial (0 to 70°C/32 to 158°F), DDM, 300m, Duplex LC	$	288.00
SFPTIM3AM	SFP Module, Hardened (-40 to 85°C/-40 to 185°F), DDM, 300m, Duplex LC	$	605.00
SFPTIS10E	SFP Module, Commercial (0 to 70°C/32 to 158°F), DDM, 10Km, Duplex LC	$	480.00
SFPTIS10M	SFP Module, Hardened (-40 to 85°C/-40 to 185°F), DDM, 10Km, Duplex LC	$	1,008.00
SFPTIS20C	SFP Module, Commercial (0 to 70°C/32 to 158°F), DDM, 20Km, Duplex LC	$	372.00
SFPTIS20M	SFP Module, Hardened (-40 to 85°C/-40 to 185°F), DDM, 20Km, Duplex LC	$	1,064.00
SFPTIS40C	SFP Module, Commercial (0 to 70°C/32 to 158°F), DDM, 40Km, Duplex LC	$	564.00
SFPTIS40M	SFP Module, Hardened (-40 to 85°C/-40 to 185°F), DDM, 40Km, Duplex LC	$	1,065.00
	ACCESSORIES:		
CS-50F9-180	RJ50 (10 pin) to DB9 (F) connection cable for SE5304/ SE 6304	$	20.00
CS-50M9-180	RJ50 (10 pin) to DB9 (M) connection cable for SE5304/ SE 6304	$	20.00
CV-RJ11	RJ11 port dust cover, 1 pc	$	2.00
CV-RJ11-2	RJ11 port dust covers, pack of 2	$	3.00
CV-RJ45	RJ45 port dust cover, 1pc	$	1.00
CV-RJ45-8	RJ45 port dust covers, pack of 8	$	10.00
CV-SFP	SFP port dust cover, 1pc	$	1.00
CV-SFP-4	SFP port dust covers, pack of 4	$	5.00
CV-USB	USB-A port dust cover, pack of 1	$	2.00
EASYPOEBOXLOCK	Door Locking Tab Accessory for EASYPOE Box Series, compatible with padlocks with shackle diameter up to 12mm	$	33.00
EASYPOEBOXMCL	Mast clamp set, 2 pcs, for pole mounting, compatible with EASYPOE Box series and pole diameter of 102-254mm.	$	33.00
EASYPOEBOXMCS	Mast clamp set, 2 pcs, for pole mounting, compatible with EASYPOE Box series and pole diameter of 51-127mm.	$	24.00
EASYRESTORE-LC	Controlled Shear Device for Fiber, 12 LC connectors for connection to switches, for replacement purpose	$	1,033.00

EASYRESTORE-LC-AB	Controlled Shear Device for Fiber, 12 LC connectors for connection to switches, with connector and bulkhead fitting for connecting to infrastructure side	$	1,317.00
EX-FCSTLCS02M	Fiber Cable ST to LC, 9/125µm, 10Gb, OS1, Single-Mode Duplex PVC - 2 meters	$	21.00
EX3101MK	Panel Mount Kit for ED3101, ED3501, EL100 series	$	18.00
FCBL-MMSCLC-1M	Fiber optic patch cable, SC to LC, Multi-mode, Duplex, 1 meter	$	11.00
FCBL-MMSCLC-2M	Fiber optic patch cable, SC to LC, Multi-mode, Duplex, 2 meters	$	13.00
FCBL-MMSTLC-1M	Fiber optic patch cable, ST to LC, Multi-mode, Duplex, 1 meter	$	11.00
FCBL-MMSTLC-2M	Fiber optic patch cable, ST to LC, Multi-mode, Duplex, 2 meters	$	13.00
FCBL-SMSCLC-1M	Fiber optic patch cable, SC to LC, Single mode, Duplex, 1 meter	$	11.00
FCBL-SMSCLC-2M	Fiber optic patch cable, SC to LC, Single mode, Duplex, 2 meters	$	13.00
FCBL-SMSTLC-1M	Fiber optic patch cable, ST to LC, Single mode, Duplex, 1 meter	$	11.00
FCBL-SMSTLC-2M	Fiber optic patch cable, ST to LC, Single mode, Duplex, 2 meters	$	13.00
INJ90BT-24	Hardened (-40°C - 75°C) Gigabit PoE Injector with 802.3bt PoE, 90W Power Output, DIN Rail Mounting, 24-56VDC Terminal Block Power Input, Power supply sold separately.	$	347.00
JPole18	J-Pole, Universal Antenna Mount, 18 inch	$	20.00
KCB-BK779	Cabinet mounting bracket for EX77964, black, set of 1	$	69.00
KD-31003	DIN Rail Mount Kit for ED3101 hardware version 3 and above.	$	11.00
KD-AA5100	DIN-Rail mounting kit for EL1032T and EX42900 series.	$	16.00
KD-AA78000	DIN Rail Mount Kit for EX73900, EX78000, EX78602, EX78900, EX48000A, EX48000, EX38000 and DD-85-48	$	16.00
KD-AA96000	DIN-Rail mounting kit for EX33000, EX34000, EX35000, EX45000, EX46100, EX47000, EX63000, EX70900, EX71000, EX73000, EX83000, EX94000, EX95000, EL1141, ED3145, ED3146, ED3171, ED3175, ED3538, ED3638, ED3575, EL900, EL9000 and EL9100 series.	$	16.00
KD-AAEL950	DIN Rail Mount Kit for EL910, EL950	$	14.00
KD-INJ90	DIN-rail mounting kit for INJ90BT-24 and SPL90BT	$	9.00
KP-AA3541X40	Panel Mount kit for ED3541	$	19.00
KP-AA51	Panel Mount kit for SE5100;SE5300 series and SE6100, SE6300 Series	$	11.00
KP-AA54	Panel Mount kit for SW5400 series	$	16.00
KP-AA96-480	Panel Mount Kit for 43000; 93000; 94000; 96000; EL900; EL9000; ED3141;ED3171;EX45000;ex46000;ex95000;ex65000;ex61000;ex63000 Series	$	11.00
KP-BK6212	Panel Mount Kit (Black) for EX72000, EX62000 Series	$	27.00
KR-AE612-400	Rack Mount Kit for 1616WG; 1624W; 9224SF; EX9224S; EX9200; EX3224SF; EX2224S; EX3800W; EX3017M Series	$	11.00
KR-BK1600R-410	Rack Mount Kit for EMC1600	$	21.00
KR-BK1600R-506	EMC1600 bracket for EL series MC+screw	$	16.00
KR-BK17	Rack Mount kit for EX17008 Series Switches	$	21.00
KR-BK43-400	Rack Mount Kit for 43000; 93000; 94000; 96000; EL900; EL9000 Series	$	27.00
KR-BK72-400	Rack Mount kit for EX72000;EX62000 series	$	32.00
KR-BK779	19" rack offset mounting brackets for EX77964, black, set of 2	$	22.00
KR-BK7800040	19" Rack mounting kit for EX78900/78000/73900 series, black	$	37.00
KR-BKEL900	Rack Mount kit for EL900;EL9010;EL9000;ED3141;ED3171	$	27.00
KR-BKNEMA	Bracket for NEMA cabinet shelf that can mount EX77964	$	53.00
KR-BKZDIN	Z-shaped rack vertical mounting bracket for DIN-rail switches (EX78900/78000/73900), black, set of 1	$	32.00
KR-BKZDIN-D	Din configuration for Z-shaped rack vertical mounting bracket for DIN-rail switches (EX78900/78000/73900), black, set of 1	$	35.00
KR-BKZDIN2	Z-shaped rack horizontal mounting bracket for DIN-rail switches (EX78900/78000/73900), black, set of 1	$	32.00
KR-BKZDIN2-D	Din-rail configuration for Z-shaped rack horizontal mounting bracket for DIN-rail switches (EX78900/78000/73900), black, set of 1	$	35.00
KR-DINRAILB	TransRack 19 rack mount adjustable DIN rail bracket"	$	138.00
LTE2GPS1	Puck GPS/Cellular combination Antenna - IP67 Rated - Rugged design, with high temperature UV resistant plastic. Bolt-thru, Magnetic or Adhesive mounts. 2 x LTE + 1 x GPS. Supports all LTE and GPS / GNSS frequencies supported by the C4G Series	$	120.00

LTE2W2GPS1	Puck GPS/Cellular combination Antenna - IP67 Rated - Rugged design, with high temperature UV resistant plastic. Bolt-thru, Magnetic or Adhesive mounts. 2 x LTE + 2 x Dual Band Wi-Fi + 1 x GPS. Supports all LTE, Wi-FI and GPS / GNSS frequencies supported by the C4G Series	$	140.00
PC-WPF-2FT	Waterproof power cable, 2' 20AWG, locking barrel connector pair, connect female side to power supply and male side to device	$	11.00
PD1041	Hardened (-40°C - 75°C) Gigabit PoE Surge Protection Device, supporting 10/100/1000BaseT and 802.3at PoE pass through surge protection. Din-Rail mounting.	$	123.00
PD3041	Hardened (-40°C - 75°C) Copper Pair/DSL Surge Protector, RJ11 and Terminal Block Connector for input and output pairs, 10kv total surge current protection, IEC 61643-21, UL497B , Din-Rail mounting.	$	123.00
PoEPowerEZ	PoE Switch to EasyLink Adapter Hardened -40°F to 158°F (Eliminates the need for a power supply). Active PoE to 24VDC Passive PoE	$	62.00
PWR-H	1 x Hardened PSU -40 to 75°C (-40 to 167°F) 12 VDC / 2 A with 2.1MM DC Jack, 1.8m / 6ft cable and NA wall plug for EasyLink product line.	$	100.00
SFPCBL150	SFP+ to SFP+ copper cable, 10Gb, 1.5m	$	59.00
SFPCBL50	SFP+ to SFP+ copper cable, 10Gb, 50cm	$	53.00
eVue	Network Management Software for EtherWAN Devices	$	503.00
SPL90BT	Hardened (-40°C - 75°C) Gigabit PoE Splitter with 802.3bt PoE, 90W Max Power Input, DIP Switch Controlled Voltage Output Range 12V-48VDC, DIN Rail Mounting.	$	208.00

Dymec Ethernet Switches

Ethernet Switches

489997	10 Port (CSV,CCT,KY-1 Button Support, DDMI) Rugedized Din Rail or Shelf Mount 10 Gig Ethernet Switch	$	1,564.00
489998	10 Port 10 gig (CSV,CCT,KY-1 Button Support, DDMI)Rack Mount Ethernet Switch 1 Gig (Oklahoma City) (Phasing out in 2019 replace with KY-3170XM below)	$	1,355.00
489998	10 Port (CSV,CCT,KY-1 Button Support, DDMI)Rack Mount Ethernet Switch 1 Gig (Oklahoma City)	$	1,359.00
489999	4 Port Daughter Card	$	417.00
490000	8 Port Daughter Card	$	522.00
0	ITS 10 Port Managed Layer 2 Ethernet 10 Gig Rack Mount Ethernet Switch	$	906.00
490001	ITS 10 Port Rack Mount Gigabit Ethernet Switch (Tulsa OK)	$	940.00
490002	Non Rack Mount Ethernet Switches	$	679.00
490002PS	Power Supply Ethernet Switch	$	47.00
490002SP	RJ45 Surge protection Device	$	42.00
490002SPPOE	POE RJ45 Surge protection Device	$	58.00
4900003	KY 1 Button Back Up Restore Unit	$	157.00
4900004	LX 20 Km/A	$	117.00
4900005	LX 20 KM/B	$	117.00
4900006	VDSL A	$	208.00
4900007	VDSL B	$	208.00
4900007	VDSL B	$	78.00
4900008	Ethernet Extender	$	277.00
0	DBU Flash Drive Config Device	$	100.00

McCain Traffic Controllers, Software and Accessories

Controllers EB4 - Does NOT include software

M77777	2070LX+ CONTROLLER, TEES 2020: 1C T20,2E+T20,7A,LAN,4A-EB4	$	3,937.00
M86909	2070 LX CONTROLLER, TEES 2020: 1C T20,2E+ T20,3B T20,4A - EB4	$	3,467.00
M86890	ATC Ex2 NEMA CONTROLLER, TS2 TYPE 2-EB4	$	2,731.00
M86891	ATC Ex2 NEMA CONTROLLER, TS2 TYPE 1-EB4	$	2,096.00

M92410SW	FLEX SHELF MOUNT CONTROLLER, WIFI, EB4	$	2,438.00
M92410SWC	FLEX SHELF MOUNT CNTRL,WIFI,CONN BOX STAND, TS2-2, EB4	$	3,124.00
M92410SWC2	FLEX SHELF MOUNT CONTROLLER, WIFI, CONN BOX, A2, TS2-1	$	2,731.00
M92410RW	FLEX RACK MOUNT CONTROLLER, WIFI, EB4	$	2,477.00
M92410WPAC	FLEX SHELF MOUNT CNTRL,WIFI,CONN BOX, EPAC, EB4	$	3,042.00
M92410WTR	FLEX SHELF MOUNT CNTRL,WIFI,CONN BOX, TRACONEX, EB4	$	3,112.00
	Controllers Does NOT include software		
M73101RW	Rack Mount Flex Controller w/ Wi-Fi- ATC Cabinet	$	2,477.00
M73101RWA	Rack Mount Flex Controller- w/ Wi-Fi Caltrans Cabinets	$	2,837.00
M73101SW	Shelf Mount Flex Controller- w/Wi-Fi ATC Cabinet	$	2,350.00
M73101SWA	Shelf Mount Flex Controller w/ Wi-Fi- Caltrans	$	2,731.00
M73101SC	FLEX SHELF MOUNT CONTROLLER, CONN BOX STAND, TS2 T2	$	2,934.00
M73101SC2	FLEX SHELF MOUNT CONTROLLER, CONN BOX, A2, TS2 T1	$	2,512.00
M73101SWC	FLEX SHELF MOUNT CNTRL,WIFI,CONN BOX STAND, TS2-2	$	3,035.00
M73101SWC2	FLEX SHELF MOUNT CONTROLLER, WIFI, CONN BOX, A2, TS2-1	$	2,623.00
M57970	NEMA eX2 controller TS-2 Type 1	$	1,956.00
M58930	NEMA eX2 controller TS-2 Type 2 Traconex Compatiable	$	2,565.00
M57390	NEMA eX2 Controller TS-2 Type 2	$	2,619.00
M54372	2070LX CONTROLLER: 1C, 2E+, 3B-LX, 4A, LINUX	$	2,921.00
M76749	2070LX CONTROLLER: 1C, 2B, 3B-LX, 4A, LINUX	$	2,426.00
M86909	2070 LX CONTROLLER, TEES 2020; 1C T20, 2E+ T20, 3B T20, 4A - EB4	$	3,467.00
	Local Controller Software		
S-OMNI	OMNI Software	$	1,250.00
M71628	D4 Software for 2070	$	1,500.00
M73580	D4 Software for NEMA TS2 Type 1	$	1,500.00
M72649	D4 Software for NEMA TS2 Type 2	$	1,500.00
	D4 Local Controller Software from Eric Nelson		
D4 Software	D4 Software any Controller	$	1,500.00
D4 Software Maint 1-99	1-99 Controllers	$	12,500.00
D4 Software Maint 100-249	100-249 Controllers	$	18,750.00
D4 Software Maint 250-499	250-499 Controllers	$	37,500.00
D4 Software Maint 500-749	500-749 Controllers	$	56,250.00
D4 Software Maint 750-999	750-999 Controllers	$	75,000.00
	Central Software		
Transparity 1-50	Transparity Software (1-50 Controllers)	$	66,250.00
Transparity 51-100	Transparity Software (51-100 Controllers)	$	118,750.00
Transparity 101-150	Transparity Software (101-150 Controllers)	$	163,750.00
Transparity 151-200	Transparity Software (151-200 Controllers)	$	201,250.00
Transparity 201-300	Transparity Software (201-300 Controllers)	$	231,250.00
Transparity 301-400	Transparity Software (301-400 Controllers)	$	276,250.00
Transparity Maint 1-100	Annual Software Maitenance (1-100 controllers)	$	9,250.00
Transparity Maint 101-150	Annual Software Maitenance (101-150 controllers)	$	12,375.00
Transparity Maint 151-200	Annual Software Maitenance (151-200 controllers)	$	20,250.00
Transparity Maint 201-300	Annual Software Maitenance (201-300 controllers)	$	25,000.00
Transparity Maint 301-400	Annual Software Maitenance (301-400 controllers)	$	27,500.00
	Controller Cards		
M45581	2070 GPS Module	$	804.00
M52805	MODULE, CPU, 2070-1C, TEES2009 E-2	$	1,048.00
M45460	MODULE, 2070-2B, TEES 2009	$	257.00
M46543	MODULE, 2070-7A, ASYNC COMM SERIAL (TEES 2009)	$	290.00
M57630	MODULE, FIELD I/O, 2070-2E+	$	603.00
M44020	MODULE,FIELD I/O,2070-2E, TEES2009	$	603.00
M33149	2070-4A PWR SUP FOR 2070	$	697.00
M69711	FRNT PNL ASSY,2070 LCD DISPLAY	$	485.00
M55043	CABLE, CONTROLLER ADAPTER, TS2-2 TO TS2-1	$	207.00
M55678	CABLE, TS2-1 CONTROLLER POWER, BENCH TESTING	$	80.00

M55655	CABLE, TS1/TS2-2 CONTROLLER POWER	$	155.00
	Cabinet Accessories		
M14317	LOCK MNT ASSY,L/H,CORBIN A15481LS W/#2 KEY	$	44.00
M14318	LOCK MNT ASSY,R/H,CORBIN A15481RS W/#2 KEY	$	44.00
M56812	ISO, DC, 242L, EDI ISOLATOR	$	67.00
M11422	ISO,AC,252,PDC ACI-88, DUAL CHL.	$	44.00
M34480	AMU-214, EDI AUXILIARY MONITOR UNIT	$	378.00
M34482	SIU,218,EDI SERIAL INTERFACE UNIT	$	419.00
M36028	CMU,212, EDI CMUip-212 MONITOR UNIT	$	908.00
M68359	CMU,2018KCLIP,EDI 18 CHANNEL	$	1,139.00
M84650	CMU DATAKEY PROGRAMMER, EDI MONITORKEY-USB	$	635.00
M84942	DATAKEY FOR CMU 2018/2212-HV, EDI 495-4000	$	47.00
M11556	RELAY,430 FLASH TRANSFER, STRUTHERS-DUNN #21ACPX-2/21XBXP	$	33.00
M40374	MMU, TS2 CAB, EDI MMU-16E	$	969.00
M71938	MMU2-16LE, EDI	$	1,054.00
M71765	MMU2-16LEI(ip), EDI (SMARTMONITOR SERIES)	$	1,270.00
M68441	POWER SUPPLY TS2 - EDI PS250	$	620.00
M40369	BIU-700, TS2 EDI BIU-700	$	391.00
M81188	DET,ORACLE 2E EDI	$	356.00
M11373	PDC 204 Flasher	$	30.00
M11367	PDC 200 Load Switch	$	30.00
	ATC Cabinet Parts		
M73847	ATCC-HV, KIT UPGRADE TO OA-32CH-HV.	$	3,867.00
M59733	ATCC-FITA ASSEMBLY 48CH HORIZONTAL.	$	601.00
M55411	ATCC-HV, OA-32CH & (2)FOTA-16CH W/ HARN	$	3,774.00
M55412	HARN ATCC-HV, REAR PANEL TO FOTA, OA-32CH.	$	508.00
M52495	FLASHER BLK W/RED WIRES ATC CAB	$	11.00
M52496	FLASHER BLK W/WHITE WIRES ATC CAB	$	11.00
M52497	FLASHER BLK W/YELLOW WIRES ATC CAB	$	11.00
M36255	ADU,2220-MC AUX DISPLAY UNIT(48VDC),ATC	$	711.00
M59831	ADU 2220C-MC, AUXILIARY DISPLAY UNIT FOR 14" RACK FOR MCCAIN	$	530.00
M58308	POWER SUP,CPS,EDI #PS2217-MC (24,48VDC),ATC	$	324.00
M36261	PWR SUP,PS2216-24-HV-MC (24,48VDC),ATC	$	663.00
M54487	ATCC-HV, INPUT ASSEMBLY, 24 CH W/ CONN IDC26	$	400.00
M12118	FILTER,AIR;METAL 12X16X1 EXACT	$	71.00
M54339	CABLE RJ45, CAT5E (350MHz),6FT, BLUE, BLACK BOX #EVNSL81-0006	$	20.00
M56516	HARN ATCC, DC POWER, OUTPUT FILE 16CH/32CH.	$	55.00
M54485	HARN, FLAT&TWIST(LOOSE), IDC26, (59,50)in	$	91.00
M48062	HARN, FLAT&TWIST(LOOSE), DB25,59In	$	80.00
M58641	ATCC, FOTA1-16CH, RACK MOUNT W/CLIPS, PHOENIX CONTACT	$	1,046.00
M58651	ATCC, FOTA17-32CH W/CLIPS, RACK MOUNT, PHOENIX CONTACT	$	1,046.00
M78010	FUSE,2A,5X20MM,BUSS, #GDA-2A	$	5.00
M78009	FUSE HOLDER BLOCK,TOP,5X20MM, WE,#696122003001	$	3.00
	ATC Cabinet Service Assemblies		
M59737	ATCC-HV, SERVICE ASSEMBLY, TWO FLASHER, HORIZONTAL.	$	880.00
M91177	ATCC-HV, SERVICE ASSEMBLY, ONE FLASHER, VERTICAL,WITH TBS 7POS	$	878.00
M91179	ATCC-HV, SERVICE ASSEMBLY, TWO FLASHER, VERTICAL, WITH TBS 7POS	$	1,130.00
M91173	ATCC-HV,SERVICE ASSEMBLY,ONE FLASHER,HORIZONTAL,W/TBS 7POS	$	806.00
M91175	ATCC-HV,SERVICE ASSEMBLY,TWO FLASHER,HORIZONTAL,W/TBS 7POS	$	871.00
M91351	ATCC-HV,SERVICE ASSEMBLY,TWO FLASHER,HORIZONTAL,W/TBS 7POS,USBPORT,FUSES FRONT	$	1,158.00
M91380	ATCC-HV,SERVICE ASSEMBLY,ONE FLASHER,HORIZONTAL,W/TBS 7POS,USBPORT,FUSES FRONT	$	992.00
M52213	ATCC-HV, Output Assy OA-16 Channel	$	895.00
	ATC Cabinet Shelves		
M53920	SHELF,VENTED,340, VDOT, 5 DOORS, TYPE II - 13.36"	$	41.00

M62802-1	BATTERY CHARGING SHELF ASSY, SLIDE-OUT, 332, 18.875"	$	324.00
M79183	SHELF,10", VENTED, EARS OUT, STL	$	33.00
M63331-1	SHELF,LOUVERED,332, EARS OUT, EQ CABINET	$	55.00
M13089	SHELF,LOUVERED,332,EARS IN	$	57.00
M79142	SIDE DIN RAIL ASSEMBLY, 352i ATC	$	22.00
M79257N	ANTENNA BOX, 332, NATURAL	$	57.00
	ATC Cabinet Accessories		
M58149	ITS COMMANDER, POWER MANAGEMENT/MONITOR SYS, #1RU8126MS (Can buy Directly from Southern)	$	1,492.00
M74151	KIT, ATC CABINET INPUT TEST PANEL	$	544.00
M86897	KIT,ATCC AUXILIARY I/O ASSEMBLY - MODEL 2521	$	819.00
M73860	ATCC INPUT TEST ASSEMBLY (SIU VER), MODEL 2510	$	429.00
M76594	ATCC, SDLC DETECTION PANEL ASSY	$	201.00
M58360A	ASSY, PCB, ATC INPUT TEST CARD	$	180.00
	Cabinet Phoenix Connectors		
M36342	TERM BLK,6POS,PLUG,SPRING WITH CLIPS, COLORED,PHOENIX #1104381	$	14.00
M52694	PLUG, 6POS, 5.08MM PHOENIX #1825352 DC BUS CONNECTORS	$	14.00
	Cabinet PCB's		
M54704A	PCB ASSY, (AC) ATCCAB-OA 32 CH	$	434.00
M59731A	PCB ASSY, ATCC-FITA 48CH HORIZONTAL.	$	445.00
M52577A	PCB Assy, AC, 16ch OA	$	244.00
M52578A	PCB Assy, FOTA 16ch	$	1,016.00
M52386A	PCB Assy, AC, 16ch CMU	$	174.00
	SDLC Cables		
M36323	CABLE, COMM, SDLC, 5FT, METAL SHELL, BELDEN 9844 15PIN to 15PIN	$	57.00
M48967	CABLE, COMM, TS2, 6.0FT, 2CONN-CRIMP, METAL SHLL, CBL-8104 15 PIN to 15 PIN	$	83.00
M36343	CABLE, COMM, SDLC, 25DBM-15DBM, 5FT. 15PIN to 25PIN	$	70.00
	Cabinet Displays		
M58800	CABINET TEST DISPLAY, 120VAC, 16CH, LUG & TERM BLK PLUG	$	1,267.00
M58801	CABINET TEST DISPLAY, 120VAC, 16CH, BLADE LUG	$	1,267.00
M58450	CABINET TEST DISPLAY, 120VAC, 16CH, SPADE LUG	$	1,267.00
M58440	CABINET TEST DISPLAY, 48 VDC, 16CH, LUG & TERM BLK PLUG	$	1,267.00
M58441	CABINET TEST DISPLAY, 48 VDC, 16CH, BLADE LUG	$	1,267.00
M76750	CABINET TEST DISPLAY, MESA, 120VAC, 16CH, LUG & TERM BLK PLUG w/ SWITCHES	$	1,302.00
M77320	CABINET TEST DISPLAY, MESA, 120VAC, 16CH, BLADE LUG w/SWICTHES	$	1,302.00
M77330	CABINET TEST DISPLAY, MESA, 120VAC, 16CH, SPADE LUG w/SWICTHES	$	1,302.00
M77800	32 CH ATCC CABINET DISPLAY & CMU TESTER - MODEL 2540	$	1,651.00
	Suitcase Testers		
M55433	SUITCASE TESTER, 170/2070 CONTROLLER, WITH I/O MATRIX DISP.	$	2,985.00
M55434	SUITCASE TESTER, 170/2070 CONTROLLER WITH INTERSECTION DISPLAY	$	2,985.00
M55435	SUITCASE TESTER, NEMA TS1 CONTROLLER, WITH I/O MATRIX DISP.	$	2,985.00
M86433	ATC Cyber Cabinet	$	2,972.00
	Railroad Interface Panels		
M54419A	RAILROAD INTERFACE PANEL, NEMA/CALTRANS PCB	$	781.00
M73140	RAILROAD INTERFACE PANEL, ATC CABINET RACK MOUNT	$	984.00
M54451	RRIP, HARNESS AND MOUNTING KIT, C11	$	953.00
M54766	RRIP, HARNESS AND MOUNTING KIT, SPADE LUGS	$	953.00
M55309	RRIP, HARNESS AND PS+MOUNTING KIT, C5 & SPADE LUGS	$	1,016.00
	Repairs		
MCRepair	Per Hour	$	123.00
	P44 Risers		
M62944N	4" Natural W/Hardware	$	239.00
M79524N	6" Natural W/Hardware	$	410.00
M42718N	8"Natural W/Hardware	$	451.00
M42358N	9" Natural W/Hardware	$	396.00
M42086N	12" Natural W/Hardware	$	377.00

M42837N	15" Natural W/Hardware	$	399.00
M79109N	18" Natural W/Hardware	$	481.00
M42246N	18" Natural W/Hardware, No bottom Holes	$	481.00
M42246C	18" Powder Coated W/Hardware, No bottom Holes	$	616.00
M79317H	12" Split Base, Natural W/Hardware	$	374.00
M79318H	18' Split Base, Natural W/Hardware	$	519.00
M79319H	24" Split Base, Natural W/Hardware	$	519.00
	332 Risers		
M60288H	Adapter Assy Standard to 332, Natural w/ Hardware	$	403.00
M61035	8" Natural W/Hardware	$	428.00
M60560	12" Natural W/Hardware	$	445.00
M60560C	12" Powder Coated W/Hardware	$	458.00
M42570N	12" Split Natural W/Hardware	$	360.00
M42570C	12" Split Powder Coated W/Hardware	$	363.00
M42541N	14" Natural W/Hardware	$	399.00
M42496N	16" Natural W/Hardware	$	400.00
M61494	18" Natural W/Hardware	$	535.00
M64676N	24" Natural W/Hardware	$	842.00

EDI Cabinet Accessories

0	0	$	-
ADU-2220	Auxiliary Display Unit for 48VDC	$	619.00
CMUIP-2212-HV	Cabinet Monitor Unit w/Ethernet port 120VAC	$	836.00
CMUIP-2212-HV-CAN	Cabinet Monitor Unit w/Eth port & Fast Flash 120VAC	$	836.00
CMUIP-2212-LV	Cabinet Monitor Unit w/Ethernet port 48VDC	$	883.00
EDI-2202-HV	High Density Switch Pack Flasher Unit for 120 VAC	$	268.00
EDI-2202-LV	High Density Switch Pack Flasher Unit for 48 VDC	$	240.00
SIU-2218	Serial Interface Unit, Half Width	$	326.00
PS2216-24-HV	Model 2216-24 Power Supply for 90-270VAC	$	556.00
PS2216-2412-HV	Model 2216-2412 Power Supply for 90-270VAC	$	680.00
PS2217	PS2217 ATC Cabinet Power Supply	$	272.00
PS2219	PS2219 LPLVC Cabinet Power Supply	$	272.00
PS2248-HV	PS2248 ATCC HV Power Supply	$	623.00
MONITORKEY-USB	CMU Data Key Programming Tool USB interface	$	574.00
495-4000	Monitor Red Program Key, Mem.Key 4K	$	30.00
NEMA Monitors	0	$	-
MMU2-16LEIP	16 Ch. LCD Enhanced TS2 Smart Monitor	$	1,212.00
MMU2-1600 GE	Reno 16 Ch LCD Enhanced TS2 NEMA Monitor	$	2,105.00
MMU16LE-PGM-CARD	MMU / MMU2 Program Card	$	70.00
Caltrans/33x/2070 Monitors	0	$	-
EDI-2018KCLIP	18 Ch. 2070 type Monitor with Datakey	$	1,094.00
EDI-2018KCLIP-CAN	18 Ch. 2070 type Monitor with Datakey Canada	$	1,094.00
EDI-2010ECLIP	170/2070 type Monitor with Ethernet Port	$	1,023.00
EDI-2010ECLIP-CAN	170/2070 type Monitor Ethernet Port-Canada	$	1,023.00
EDI-210PB	210/2010 Program Board	$	51.00
EDI-2018PB	2018 Program Board	$	62.00
BIU	0	$	-
BIU-700	Bus Interface Unit	$	305.00
BIU-700-H	Bus Interface Unit Half Width	$	305.00
BIU-700-L	Bus Interface Unit with Latch	$	323.00
Power Supplies	0	$	-
PS175B	TS-1 Heavy Duty Rack Power Supply	$	244.00
PS206L	Switching Cabinet Power Supply	$	286.00
PS206S	Switching Cabinet Power Supply	$	286.00
PS250	TS-2 Heavy Duty Cabinet Power Supply	$	503.00
PS250-225	TS-2 HD Power Supply, 220V 50/60Hz	$	657.00

Reno CPS-TS2-LCD	Reno CPS-TS2 POWER SUPPLY - FINAL ASSEMBLY	$	805.00
Reno Q-24	Reno Q-24 Power Supply	$	447.00
NEMA MMU Legacy Monitors	0	$	-
MMU16E-CAN	16 Ch. Enhanced TS2 NEMA Monitor	$	1,216.00
MMU16E	16 Ch. Enhanced TS2 NEMA Monitor	$	1,216.00
MMU16E-225	16 Ch. Enh. TS2 NEMA Monitor, 220V/50Hz	$	1,290.00
MMU16E-226	16 Ch. Enh. TS2 NEMA Monitor, 220V/60Hz	$	1,290.00
MMU16E-BS	16 Ch. Enhanced TS2 NEMA Monitor	$	1,216.00
MMU16EIP-LSU	16 Ch. Enh. TS2 NEMA Monitor, Ethernet	$	1,923.00
MMU16-EXT-CARD	MMU16E/LE Test Program Card	$	247.00
MMU16LE-PGM-CARD	MMU / MMU2 Program Card	$	70.00
MMU2-16LE	16 Ch. LCD Enhanced TS2 Smart Monitor	$	1,222.00
MMU2-16LE-CAN	16 Ch. LCD Enhanced TS2 Smart Monitor	$	1,222.00
NEMA NSM Legacy Monitors	0	$	-
NSM12E	12 Ch. Enhanced NEMA Monitor	$	1,063.00
NSM12E-CAN	12 Ch. Enhanced NEMA Monitor	$	1,063.00
NSM3E	3 CH. NEMA Monitor	$	886.00
NSM6E	6 Ch. Enhanced NEMA Monitor	$	982.00
NEMA SSM Legacy Monitors	0	$	-
SSM12LE	12 Ch. LCD Enhanced NEMA Monitor	$	1,061.00
SSM12LEC	12 Ch. LCD Enh. NEMA Mon w/EPAC Comm.	$	1,173.00
SSM12LE-CAN	12 Ch. LCD Enh. NEMA Monitor, Canada	$	1,061.00
SSM12LEC-DE	12 Ch. LCD Enh. NEMA Mon w/EPAC Comm.	$	1,173.00
SSM12LEIP	12 CH. LCD Enhanced NEMA Mon w/ethernet	$	1,274.00
SSM12LEIP-CAN	12 CH. LCD Enhanced NEMA Mon w/ethernet	$	1,274.00
SSM6LE	6 Ch. LCD Enhanced NEMA Monitor	$	1,014.00
SSM6LEC	6 Ch. LCD Enh. NEMA Mon. w/ EPAC comm.	$	1,134.00
SSM6LEC-CAN	6 Ch. LCD Enhanced NEMA Monitor w/ EPAC	$	1,134.00
SSM6LEIP	6 CH. LCD Enhanced NEMA Mon w/ethernet	$	1,265.00
SSM6LEIP-CAN	6 CH. LCD Enhanced NEMA Mon w/ethernet	$	1,265.00
Caltrans 210 Legacy Monitors	0	$	-
EDI-210	170 Caltrans Standard Monitor	$	744.00
EDI-210C	170 Standard Monitor	$	744.00
EDI-210C-EUG	210C Monitor Eugene OR	$	744.00
EDI-210C-OMH	210C Monitor Omaha	$	744.00
EDI-210C-OR	170 Standard Monitor, Oregon	$	744.00
EDI-210NYR	170 Monitor, EIA232 for State of NY	$	1,026.00
EDI-210NYRIP	170 Monitor, EIA232 with Ethernet for State of NY	$	1,023.00
Caltrans 2010 Legacy Monitors	0	$	-
EDI-2010ECL	170/2070 Monitor, EIA232	$	1,026.00
EDI-2010ECL-115	170/2070 Monitor, EIA232, 110VAC 50Hz	$	1,142.00
EDI-2010ECL-225	170/2070 Monitor, EIA232, 220VAC 50Hz	$	1,143.00
EDI-2010ECL-CAN	170/2070 Monitor, EIA232, Canada	$	1,026.00
EDI-2010ECL-LACO	170/2070 Monitor EIA232 LA County	$	1,026.00
EDI-2010ECL-MD	170/2070 Monitor, EIA232, DADE	$	1,026.00
EDI-2010ECL-NC	170/2070 Monitor, EIA232, NC	$	1,026.00
EDI-2010ECL-VA	170/2070 Monitor, EIA232, Virginia	$	1,026.00
Caltrans 2018 Legacy Monitors	0	$	-
EDI-2018ECLIP	18 Ch 170/2070 Monitor w/ Ethernet Port	$	1,232.00
EDI-2018ECLIP-CAN	18 Ch 170/2070 Monitor w/ Ethernet Port	$	1,232.00
EDI-2018ECLIP-NC	18 Ch 170/2070 Monitor w/ Ethernet Port	$	1,232.00
EDI-2018ECL-LAX	18 Channel 2070 Monitor, EIA232	$	1,088.00
EDI-2018ECL-NC	18 Channel 2070 Monitor, EIA232	$	1,088.00
Loop Detectors - EDI	0	$	-

LM222	2 CH. Rack Mount Detector	$	137.00
LM622	2 CH. NEMA TS2 Rack Detector	$	137.00
LMD222	2 CH. Detector, Rack Mt.w/Deflectometer	$	143.00
LMD224	4 CH. Detector, Rack Mt.w/Deflectometer	$	314.00
LMD301T	Single Ch. Shelf Det. w/Deflectometer	$	242.00
LMD304	4 CH. Shelf Mount Det. w/Deflectometer	$	438.00
LMD622	2 CH. DFLCT Rack TS2 Detector	$	143.00
LMD622T	2 CH. DFLCT Rack TS2 Detector w/Timing	$	172.00
LMD624	4 Ch. DFLCT TS2 Rack Mount Detector	$	314.00
LMD624H	4 CH. TS2 Rack Mount Half Width Det.	$	313.00
LMD624T	4 Ch. DFLCT TS2 Rack Mount Det. w/Timing	$	348.00
LMD632T-VA	2 CH Rack Det. w/Timing & Count Output	$	347.00
ORACLE2E	2 CH. LCD Rack Mount Detector	$	277.00
ORACLE2EC	2 CH. LCD Rack Mount Det w/Count Outputs	$	347.00
ORACLE2ECX	2 CH. LCD Rack Mount Det w/Count & Comm.	$	381.00
ORACLE4E	4 CH. LCD Rack Mount Detector	$	391.00
ORACLE4ECX	4 CH. LCD Rack Mount Det w/Count & Comm	$	569.00
ORACLE4H	4 CH. LCD Rack Mount Half Width Detector	$	383.00
ORACLE4HCX	4 Ch LCD Half Width Rack Mount Detector w/Count	$	548.00
ORACLES1E	Single CH. LCD Shelf Mount Det	$	314.00
ORACLES1EC	Single CH. LCD Shelf Mount Detector	$	383.00
Loop Detectors - Reno	0	$	-
C-1100-B-SS	332/170 LCD BICYCLE Detector SS OUTPUT	$	653.00
C-1100-SS	332/170 LCD 2 Ch 12/24VDC SS	$	466.00
C-1101-B-SS	332/170 LCD Bicycle Detector SS Out Count	$	731.00
C-1101-SS	332/170 LCD 12/24VDC 2 Ch TRUE COUNT	$	653.00
C-1103-SS	332/170 LCD 12/24VDC 2 Ch COUNT AND FAIL	$	653.00
C-1200-B-SS	Model C-1200 BICYCLE Detector SS	$	653.00
C-1200-SS	NEMA TS1/TS2 12/24VDC 2CH TS2 OUTPUT	$	466.00
C-1201-B-SS	Model C-1201 BICYCLE Detector SS COUNT	$	731.00
C-1201-SS	USE C-1201A-SS	$	653.00
C-1203A-SS	NEMA TS1/TS2 12/24VDC 2CH COUNT AND FAIL	$	653.00
E/2-1200-B-SS	Model E BICYCLE Detector SS	$	1,105.00
E/2-1200-SS	NEMA TS1/TS2 LCD 12/24VDC 4 Ch 1.2IN FP	$	677.00
E-1200-B-SS	4 Ch LCD BICYCLE Detector SS	$	1,105.00
E-1200-SS	NEMA TS1/TS2 12/24 VDC 4CH TS2 OUTPUT	$	677.00
G-200-SS	Detector DIP NEMA TS1/TS2 12/24VDC 2 CH	$	234.00
GT-200-SS	Detector DIP NEMA TS1/TS2 12/24VDC 2CH with Timing	$	310.00
L-1200-R	LCD Detector NEMA TS1 10PIN MS 1CH 120V	$	527.00
RAE-222	TS1/170/2070 DIP 24VDC 2CH SS	$	216.00
T-110-R	DIP NEMA TS1 10-PIN 1CH TIMING 120VAC	$	356.00
Y/2-200-SS	4 CH TS1/TS2 Half Width Rack Mount Detector	$	389.00
Y-200-SS	4 CH TS1/TS2 Rack Mount Detector	$	389.00
Load Switch, Flasher, Flash Transfer Relays, Isolators	0	$	-
EDI-204	Model 204 Flasher Caltrans	$	30.00
EDI-510	Discrete Load Switch Use for: EDI-200, LS-200	$	29.00
EDI-510-225	Discrete Load Switch 220VAC 50Hz	$	48.00
EDI-810	Dual Circuit Type 3 Flasher Use for: FL-200	$	30.00
EDI-810-225	Dual Circuit Type 3 Flasher Use for: FL-200	$	50.00
TR-200i	New! Flash Transfer Relay Poly Touch Safe	$	-
TR-200	Reno Flash Transfer Relay	$	33.00
EDI-242L	242L DC Isolator	$	53.00
EDI-242-LAX	242L DC Isolator	$	57.00
EDI-244L	244L DC Isolator	$	83.00

Legacy Load Switch, Flasher, Flash Transfer Relays, Isolators	0	$	-
EDI-200	Model 200 Load Switch	$	29.00
LS-200	Reno Discrete RAE Load Switch	$	37.00
FL-200	Reno Labeled Flasher	$	37.00
Monitor Recertification	0	$	-
Recert	Monitor Recertification, 2 Years	$	197.00
	EDI Repairs		
EDIREPAIR	SIU, BIU,HDSP,ADU, Power Supply	$	189.00
EDICMUREPAIR	CMU Repair	$	363.00
	Houston McCain Parts		
M35368	10029002; CABINET, CONTROLLER ASSEMBLY MODEL 340	$	33,687.00
F02-Type 1	ATC Cabinet Assembly w/o Controller and with plug ins	$	31,496.00
M35545	10029003; CONTROLLER, ITS CABINET ASSEMBLY 342	$	25,843.00
M31463	CABINET, CONTROLLER ASSEMBLY MODEL 332	$	21,894.00
M35546	10029004; CONTROLLER, ITS CABINET ASSEMBLY 346	$	21,149.00
M54372	10028994; CONTROLLER, TRAFFIC SIG, MODEL 2070C	$	3,030.00
M62078	10029012; CONTROLLER,ITS CABINET OUTPUT ASSEMBLY 1	$	2,252.00
M30528	10029049; MONITOR, TRAFFIC CONTROLLER, CONFLICT, Model 332	$	1,347.00
M23186	10029058; MONITOR, CONFLICT, 12-CHAN, PROGRAMMABLE	$	1,328.00
M64915-3/M64914	10029041; PANEL, TRAFFIC, FIELD OUTPUT, W/MOUNTING BRACKETS	$	1,207.00
M64935	10029011; CONTROLLER,ITS CABINET OUTPUT ASSEMBLY 6 PACL	$	1,177.00
M62869	10029033; COMMUNICATION DEVICE, PDA 5EP	$	1,146.00
M52805	10055622; CPU Module 1-C	$	1,115.00
M36028	10029025; FLASHER, MONITOR, ITS CABINET UNIT	$	998.00
M36028	EDI CMU-212 Cabinet Moniter Unit	$	998.00
M45581	1057787; GPS (Time Source) Module for 2070 COntroller	$	794.00
M69333	10029032; MOUNT, RACK , 24V, TRAFFIC CONTROLS Power Supply	$	715.00
M69025	10029010; CONTROLLER, ITS CABINET,INPUT UNIT	$	697.00
M15498	10029051; COMMUNICATION DEVICE, 332 PDA	$	667.00
M57555	10028989; FRONT UNIT, FRNT PANEL ASSY, TYPE 2070-3	$	452.00
M34482	10029028; FLASHER, TRAFFIC SIGNAL, SERIAL INTERFACE Unit	$	400.00
M34480	10029027; FLASHER, MONITOR, ITS AUXILIARY UNIT	$	394.00
M66158/M19275/M17910/M50405/M50406/M50407	10038950; SIGNAL, TRAFFIC, 12", D-3, YELLOW W/LEDS	$	380.00
M60288H	10021032; ADAPTER, BASE 332 CABINET	$	353.00
M77873	10029000; POWER SUPPLY, MODULE, 2070-4A	$	318.00
M69256	10029008; CONTROLLER,ITS CABINET DC POWER ASSEMBLY	$	311.00
M69328	10029035; PANEL, TRAFFIC, TERMINATION, FIBER OPTIC	$	305.00
M64917	10029005; CONTROLLER,ITS CABINET ASSEMBLY SRVC PAN	$	295.00
M50063	10000291; LOUVER, PROGRAMMABLE 12IN BLACK	$	281.00
M35579	10029052; POWER SUPPLY, 332, MODEL 206-24V, SPARE	$	254.00
M55127	10029045; MODEM, TRAFFIC, RED MONITOR CARD SAFETRA	$	217.00
M50482	10029046; MODEM, TRAFFIC, RED MONITOR CARD EAGLE	$	217.00
M15541	10029047; MODEM, TRAFFIC, RED MONITOR CARD MCCAIN	$	217.00
M68156	10029036; PANEL, SERVICE, PLUG IN SURGE ARRESTOR	$	199.00
M68373	10029029; FLASHER, DETECTOR, LOOP, SENSOR UNIT	$	161.00
M69255	10029007; CONTROLLER,ITS CABINET CLEAN AC ASSEMBLY	$	152.00
M69255	10029006; CONTROLLER, ITS CABINET RAW/CLEAN AC PWR	$	152.00
M18032	BACKPLATE, 5- SECTION LOUVERED-EAGLE	$	130.00
M14317/M14318	10029053; CABINET PARTS,DOOR LATCHES/LOCKS ASSEMBLIES	$	89.00
M17975	BACKPLATE, 4- SECTION LOUVERED-EAGLE	$	80.00
M66156	10053568; SIGNAL, TRAFFIC, 12", D1, YELLOW NO/LED	$	67.00
M56812	10029030; ISOLATOR, DC, TWO CHANNEL, MODEL 242	$	64.00
M69321	10028948; CONNECTOR, HARNESS, CABINET TYPE DCP	$	51.00

M69313	10028949; CONNECTOR, HARNESS, CABINET TYPE SB1	$	51.00
M69317	10028947; CONNECTOR, HARNESS, CABINET TYPE CDC	$	48.00
M69376A	10029009; CONTROLLER, ITS CABINET,TERMINATOR UNIT	$	48.00
M11422	10029031; ISOLATOR, AC, TWO CHANNEL MODEL 252	$	46.00
M11422	10029031; ISOLATOR, AC, TWO CHANNEL MODEL 252	$	46.00
M84942	10029026; FLASHER, MONITOR, SERIAL, MEMORY KEY	$	41.00
M36571	10029054; CABINET PARTS, Interior LED cabinet light	$	38.00
M11556	RELAY, TRAFFIC LIGHT FLASHER 120V 2 POLE	$	32.00
M11367	SWITCH, LOAD SOLID STATE MODEL 200	$	32.00
M69137/M69136	10029015; CONTROLLER, ITS CABINET ADDRESS PLUG/SOC	$	32.00
M11367	10029022; CONTROLLER, SWITCH PACK UNIT	$	32.00
M11373	10029023; FLASHER, SIGNAL MODEL 204, TRAFFIC	$	32.00
M11556	10029024; FLASHER, TRANSFER RELAY UNIT	$	32.00
M35344	10029038; PANEL, PLUG IN,INPUT TERMINAL SURGE ARRESTOR	$	29.00
M14765	10029042; MODEM, TRAFFIC, SERVICE TERMINAL BLOCK	$	27.00
M69320	10028946; CONNECTOR, HARNESS, CABINET TYPE CC	$	24.00
M73486	10029037; PANEL, PLUG IN, OUTPUT ASSEMBLY SURGE AR	$	20.00
M14673/M14674	10029057; CABINET PARTS, TRAFFIC, FAN	$	20.00
M30587	10000211; CLOSURE CAP, PLASTIC, OCTAGONAL 7/8" BLK	$	15.00
M30586	10000212; CLOSURE CAP, PLASTIC, OCTAGONAL 7/8" YELLOW	$	15.00
M69284	10029020; CONNECTOR, HARNESS, CABINET TYPE SB3	$	15.00
M65826	10028945; CONTROLLER, TRAFFIC, PLUG, ADDRESS CODE	$	13.00
M17493	10029055; CABINET PARTS,FURNACE FILTER, 6"X16"X1"	$	13.00
M12116	10029056; CABINET PARTS, FURNACE FILTER,12"X16"X1"	$	10.00
M12521	10029013; CONTROLLER, ITS CABINET ASSEMBLY RED FLA Program Blocks	$	6.00
M12522	10029014; CONTROLLER, ITS CABINET ASSEMBLY WHT FLA Program Blocks	$	6.00

Traffic Cabinets

McCain NEMA Cabinets

M47800	P44 Cabinet TS2-1, Nat, Includes BIUs, MMU 16LEiP, FL, 204, PDC, SSF-88, 430 FTR, LS, 200, PDC SSS-88, EDI PS250, ATC eX2 NEMA Controller w/ Omni Software	$	19,607.00
M74985	McKinney P44 Cabinet TS2-1, 2 Door Nat out/white in, Includes BIUs, MMU 16LEiP, FL, 204, PDC, SSF-88, 430 FTR, LS, 200, PDC SSS-88, EDI PS250,	$	19,254.00
M76680	Farmers Branch P44 Cabinet TS2-1, 6 LS, 24CH 2 Door Nat, Includes BIUs, MMU 16LEiP, FL, 204, PDC, SSF-88, 430 FTR, LS, 200, PDC SSS-88, EDI PS250,	$	17,128.00

McCain ITS Cabinets

M62850	Harris County 340 ITS Cabinet Includes 2070 ATC Controller, CMU-212, AMU-214, SIU-218, Locks, Flashers, Load Swiches, DC and AC Isolators, 222S Detectors and 430 Xfer Relays	$	28,956.00
193202	Houston 340 ITS Cabinet (With Controller and GPS)Includes 2070 1B Controller with 7A and GPS Modules, CMU-218, AMU-212, SIU-218, Locks, Flashers, Load Swiches, DC and AC Isolators, 222S Detectors and 430 Xfer Relays	$	32,168.00
M62854	Houston 342 ITS Cabinet Includes 2070L Controller with 7A and GPS Modules, CMU-212, AMU-214, SIU-218, Locks, Flashers, Load Swiches, DC and AC Isolators, 222S Detectors and 430 Xfer Relays	$	22,073.00
M62855	Houston 346 ITS Cabinet Includes 2070L Controller with 7A and GPS Modules, CMU-212, AMU-214, SIU-218, Locks, Flashers, Load Swiches, DC and AC Isolators, 222S Detectors and 430 Xfer Relays	$	19,730.00
193201	332 San Antonio Cabinet Includes 2070E Controller, CMU-212, Anchor Bolts, Locks, Flashers, Load Swiches, DC and AC Isolators and 430 Xfer Relays (Add 270E Controller)	$	12,262.00
M76287	332S San Antonio Cabinet (Add Controller) Includes CMU-212, Anchor Bolts, Locks, Flashers, Load Swiches, DC and AC Isolators and 430 Xfer Relays	$	12,525.00
193203	332 El Paso Cabinet Includes 170-2C Controller, CMU-210, Anchor Bolts, Locks, Flashers, Load Swiches, DC and AC Isolators, Fiber and Voice Modems and 430 Xfer Relays	$	18,960.00

193201 DAL	332 Dallas 18 Channel Cabinet (Add Controller) Includes 7 Flash Xfer Relays, 4 FL 204 PDC SSF-88, 6 ISO DC 242L, 2 ISO AC 252 PDC ACI-88, 18 LS 200 PDC SSS-88, 2018 KCLiP	$	14,396.00
193201 DAL	336S Dallas 18 Channel Cabinet (Add Controller) Includes 4 Flash Xfer Relays, 4 FL 204 PDC SSF-88, 4 ISO DC 242L, 1 ISO AC 252 PDC ACI-88, 12 LS 200 PDC SSS-88, 2018 KCLiP	$	10,281.00
M32644	332 Irving Cabinet (Add Controller) Includes CMU-2010 ECLiP, LMD 622T Detectors, Locks, Aux File, Flashers, LS 200 Load Swiches, 242 DC Isolators and Flash Xfer Relays	$	17,215.00
193201 LUB	332 Lubbock Cabinet (Add Controller) Includes Flashers, LS 200 Load Swiches, 242 DC Isolators and Flash Xfer Relays	$	14,737.00
193216	332 Austin Cabinet (Add Controller) Includes Both Doors Louvered, Flashers, LS 200 Load Swiches, 242 DC Isolators and Flash Xfer Relays	$	13,481.00
0	332 Fort Worth Cabinet (Add Controller) Includes Aux Output File, 14 LS 200 Load Swiches, 4 242L DC Isolators and 6 Flash Xfer Relays, 2018 KCLiP CMU, 4 Anchor Bolts	$	12,233.00
0	336S2 Fort Worth Cabinet (Add Controller) 12 LS 200 Load Swiches,3 FL 204's, 4 242L DC Isolators, 1 ISO 252 and 4 Flash Xfer Relays, 2018 KCLiP CMU, Bracket Pole Mnt and Bottom Plate	$	10,935.00
	McCain ATC Cabinets		
193215	358i ATC Backpack Cabinet, Fully Loaded, NO Controller,	$	9,786.00
M53391	358i ATC STRETCH Backpack Cabinet, Fully Loaded, NO Controller,	$	10,106.00
M54123	352i Cabinet ATCC-HV, IA-24CH, OA-16CH, FOTA, SA, Nat	$	15,941.00
193223	352i Cabinet ATCC-HV, IA-24CH, FITA-24CH, (2) FOTA-16CH	$	20,937.00
193209	350i ATC Cabinet 16 Ch OP, Fully Loaded, NO Controller,	$	19,223.00
M56764	350i ATC Cabinet 32 Ch OP, 3 SIU's Fully Loaded, NO Controller,	$	24,022.00
M59267	350i ATC Cabinet 32 Ch OP, 4 SIU's Fully Loaded, NO Controller,	$	24,002.00
	McCain Agency Specific ATC Cabinets		
M78586	353i ATCC-HV Allen IA-24CH, OA-32CH, FOTA 16CH(2), SA,Gen Inlet Cabinet Includes CMU, 9 LS 2202 Flashers, SIU 2218-MC, 6 Detection Suppressors, 9 HDSP Suppressors, ISO DC 244L 4CH HalfWidth LS, 2202 Load Switches	$	24,644.00
M78586A	353i ATCC-HV Allen (With 8 Relays and 8 Load Switches REMOVED) IA-24CH, OA-32CH, FOTA 16CH(2), SA,Gen Inlet Cabinet Includes CMU, 9 LS 2202 Flashers, SIU 2218-MC, 6 Detection Suppressors, 9 HDSP Suppressors, ISO DC 244L 4CH HalfWidth LS, 2202 Load Switches	$	21,817.00
193204MC	352i Montgomery Cnty ATCC-HV, IA-24CH, FITA-24CH, OA-16CH, SA, NAT Cabinet (Add Controller) Includes CMU-2212 LV-MC 32 Channel w/ Ethernet port, 2 SIU-2218's, 8 ATC Flashers, 8 Load Switches, and 24 HV ATC Power Supply and Isolators	$	16,139.00
M56764	350i Cedar Park ATCC-HV, IA-24CH, FITA-24CH, OA-16CH, SA (TWO FLASHER), NAT Cabinet (Add Controller) Includes CMU-2212 LV-MC 32 Channel w/ Ethernet port, 2 SIU-2218's, 8 ATC Flashers, 8 Load Switches, and 24 HV ATC Power Supply and Isolators	$	24,022.00
193206	352i Coppell Cabinet Black outside, White Inside NO Controller, Includes CMU-2212 HV (ip) 24 Channel w/ Ethernet port, 2 SIU-2218's, 2 13" Shelves EIA Mount, Aux Unit Display, Locks, 9 ATC Flashers, 8 Load Switches, 8 HDSP Supressors, 3 242L Isolatorss, and 24 HV ATC Power Supply. Din Rail and Generator Outlet	$	16,128.00
193204	350i Fort Worth Cabinet Add Controller 1 FOTA-16CH, Includes CMU-2212 HV (ip) 32 Channel w/ Ethernet port, 2 SIU-2218's, 2 10" Shelves EIA Mount, Aux Unit Display, Locks, 8 ATC Flashers, 8 Load Switches, and 24 HV ATC Power Supply	$	24,002.00
M73473A	350i Fort Worth Cabinet Add Controller (2 FOTA-16CH), Includes CMU-2212 HV (ip) 32 Channel w/ Ethernet port, 2 SIU-2218's, 2 10" Shelves EIA Mount, Aux Unit Display, Locks, 8 ATC Flashers, 8 Load Switches, and 24 HV ATC Power Supply	$	18,398.00
193204	352i Fort Worth Cabinet Add Controller 1 FOTA-16CH, Includes CMU-2212 HV (ip) 32 Channel w/ Ethernet port, 2 SIU-2218's, 2 10" Shelves EIA Mount, Aux Unit Display, Locks, 8 ATC Flashers, 8 Load Switches, and 24 HV ATC Power Supply	$	15,855.00

M55409	352i Fort Worth Cabinet Add Controller (2 FOTA-16CH), Includes CMU-2212 HV (ip) 32 Channel w/ Ethernet port, 2 SIU-2218's, 2 10" Shelves EIA Mount, Aux Unit Display, Locks, 8 ATC Flashers, 8 Load Switches, and 24 HV ATC Power Supply	$	20,310.00
M76382	356i Fort Worth Cabinet Add Controller IA - 24 CH, FITA 24CH V, OA-16CH, SA-ONE Flasher, Includes CMU-2212 HV (ip) 32 Channel w/ Ethernet port, 2 SIU-2218's, Bracket and Pole Mount Assy, Locks, 8 ATC Flashers, 9 Load Switches, Etherwan EX42008	$	14,313.00
0	352i Dallas ATCC-HV, Stretch IA-48CH, 1 FITA-24CH, OA-32CH, 2 FOTA-16CH, DUALSA, Natural Includes 18 LS 2202-HV-MC HDSP Flashers, 4 SIU-2218's, Rack Mount CMU, 2212 HV-MC(ip), 32 Channel w/ Ethernet port, 12 Detection Suppressors, HESCO HE6LC-6, 16 HDSP Suppressor HESCO HE103C-9 ITS Commander, CMU Datakey Programer	$	25,410.00
193204 DAL	352i Dallas ATCC-HV, IA-48CH, 2 FITA-24CH, OA-32CH, 2 FOTA-16CH, SA, Includes 18 LS 2202-HV-MC HDSP Flashers, 4 SIU-2218's, CMU, 2212 HV-MC(ip), 32 Channel w/ Ethernet port, 12 Detection Suppressors, HESCO HE6LC-6, 16 HDSP Suppressor HESCO HE103C-9	$	21,333.00
0	352i Dallas ATCC-HV, IA-48CH, 2 FITA-24CH, OA-16CH, FOTA-16CH, SA, Includes Dual Flasher Service Assy, 10 LS 2202-HV-MC HDSP Flashers, 3 SIU-2218's, CMU, 2212 HV-MC(ip), 32 Channel w/ Ethernet port, 12 Detection Suppressors, HESCO HE6LC-6, 8 HDSP Suppressor HESCO HE103C-10	$	17,718.00
193217	353i Garland (and Grapevine Allen) Cabinet Includes Aux Display, Input Test Panel/Card, 9 LS 2202 Flashers, 2 SIU 2218-MC, 12 Suppressors, 8 HDSP Suppressors, 4 EDI Oracle 4H Det, EDI, ISO DC 242 4CH HalfWidthLS 200 Load Switches, 242 DC Isolators and Flash Xfer Relays	$	20,575.00
M76592	352i Garland Cabinet NO Controller, Includes CMU-2212 HV (ip) 16 Channel w/ Ethernet port, 2 SIU-2218's, 2 10" Shelves EIA Mount, Aux Unit Display, BEST Locks, 1 ATC Flasher, 8 Load Switches, and 24 HV ATC Power Supply	$	18,381.00
M91004	353i ATCC-HV Grapevine Cabinet IA-24CH,FITA-24CH, OA-16CH,SA, Gen Inlet, NAT/WHITE, Input Test Panel, 9 LS 2202 Flashers, 2 SIU 2218-MC, 6 Suppressors, 9 HDSP Suppressors, 4 EDI Oracle 4H Det, ISO DC 244L 4CH HalfWidth, LS 2202 Load Switches	$	19,756.00
193217WYLIE	353i ATCC-HV Wylie Cabinet IA-24CH,FITA-24CH, OA-16CH, NAT/ WHITE, 9 LS 2202 Flashers, 2 SIU 2218-MC, 6 Suppressors, 9 HDSP Suppressors, 4 EDI Oracle 4H Det, ISO DC 244L 4CH HalfWidth, LS 2202 Load Switches	$	18,864.00
0	353i ATCC-HV Highland Park Cabinet W/ $350 P44 Riser,IA-24CH,FITA 24CH, FOTA-16CH, OA-16CH, SA-HOR, HP Green, Gen Plug, CMU 2212-HV-MC 32CH w/ Ethernet port, 9 LS 2202 Flashers, 2 SIU 2218-MC, 12 Detection Suppressors, 8 HDSP Suppressors, 4 EDI Oracle 4H Det, Cable TS1/TS2 power, ISO DC 242L , SDLC Hub, Input Test Panel	$	20,209.00
M55515	352i Montgomery County ATCC-HV, IA-24CH, FITA-24CH, OA-16CH, SA, NAT Cabinet (Add Controller) Includes CMU-2212 LV-MC 32 Channel w/ Ethernet port, 2 SIU-2218's, 8 ATC Flashers, 8 Load Switches, and 24 HV ATC Power Supply and Isolators, Battery Charging Slide out Shelf	$	16,128.00
M73473	350i Montgomery County ATCC-HV, IA-24CH, FITA-24CH, OA-16CH, SA, NAT Cabinet (Add Controller) Includes CMU-2212 LV-MC 32 Channel w/ Ethernet port, 2 SIU-2218's, 8 ATC Flashers, 8 Load Switches, and 24 HV ATC Power Supply and Isolators	$	19,223.00
M55409A	352i ATCC-HV Lubbock IA-24CH, FITA-24CH, OA-32CH, (2 FOTA-16CH), SA, NAT Cabinet Add Controller, Includes CMU-2212 LV 32 Channel w/ Ethernet port, 2 SIU-2218's, 8 ATC Flashers, 8 Load Switches, and 24 HV ATC Power Supply	$	20,635.00
M91132	352i ATCC-HV Lubbock IA-24CH, FITA-24CH, OA-16CH, (1 FOTA-16CH), SA, NAT Cabinet (Add Controller), Includes CMU-2212 LV 32 Channel w/ Ethernet port, 2 SIU-2218's, 8 ATC Flashers, 8 Load Switches, and 24 HV ATC Power Supply	$	16,582.00
M78508-SC	353i ATCC-HV Prosper Cabinet IA-24CH,FITA-24CH, OA-16CH, PWDR, (Add Controller) 9 LS 2202 Flashers, 2 SIU 2218-MC, 6 Suppressors, 9 HDSP Suppressors, 4 EDI Oracle 4H Det, ISO DC 244L 4CH HalfWidth, LS 2202 Load Switches	$	19,600.00
M55517-SC	356i ATCC-HV Prosper Cabinet IA-24CH,FITA-24CH, OA-16CH, NAT, (Add Controller)	$	15,666.00

M91096	P44 Rack ATCC-HV Tyler Cabinet IA-24CH,FITA-24CH, OA-16CH, SA, Gen, (Add Controller)	$	19,848.00
M96106	P44 ATCC-HV TYLER 1A 24CH OA, FITA-24CH OA 16CH,FOTA-16CH SA-HOR W/ Gen Trans SW, Natural	$	22,470.00
No Number yet	353i Arlington Cabinet Includes CMU, SIU, HDSP, ADU and CPS (Rack BOM) , Fiber Optic 12 port RackMount (616SMSC) Priced based on Prosper Cabinet 353i above, get Quote	$	19,600.00
M91685	Richardson P44 Rack ATCC-HV, IA-24CH, 2 FITA-24CH, OA-16CH, FOTA-16CH, SA-V-2-FL, Plug Inlet, Nat, Includes 9 LS 2202-HV-MC HDSP Flashers, 2 SIU-2218's, CMU, 4 DC ISOs, TS1/TS2-2 Cable, 12 Detection Suppressors, HESCO HE6LC-6, 8 HDSP Suppressor HESCO HE103C-9	$	17,981.00
M91678-9LS	Richardson P44 Rack ATCC-HV, IA-24CH, 2 FITA-24CH, OA-32CH, FOTA-16CH, SA-V-2-FL, Plug Inlet, Nat, Includes 9 LS 2202-HV-MC HDSP Flashers, 2 SIU-2218's, CMU, 4 DC ISOs, TS1/TS2-2 Cable, 12 Detection Suppressors, HESCO HE6LC-6, 16 HDSP Suppressor HESCO HE103C-9	$	21,246.00
M91678-18LS	Richardson/Rowlett P44 Rack ATCC-HV, IA-24CH, 2 FITA-24CH, OA-32CH, FOTA-16CH, SA-V-2-FL, Plug Inlet, Nat, Includes 18 LS 2202-HV-MC HDSP Flashers, 2 SIU-2218's, CMU, 4 DC ISOs, TS1/TS2-2 Cable, 24 Detection Suppressors, HESCO HE6LC-6, 16 HDSP Suppressor HESCO HE103C-9	$	23,715.00
No Number yet	350i Flower Mound ATCC-HV, IA-24CH, FITA-24CH, OA-32CH, SA, NAT Cabinet/PC White Inside Dual SA Vertical Includes CMU-2212 HV-MC 32 Channel w/ Ethernet port, 2 SIU-2218's, 9 LS 2202-HV-M HDSP Flasher Unit, and 24 HV ATC Power Supply and Isolators (Price Based on Fort Worth One above Get Quote	$	24,002.00
M91564	McKinney P44 Rack ATCC-HV, IA-24CH, 2 FITA-24CH, OA-16CH, FOTA-16CH, SA-V-2-FL, Plug Inlet, Nat, Includes 10 LS 2202-HV-MC HDSP Flashers, 3 SIU-2218's, CMU, 4 DC ISOs, TS1/TS2-2 Cable, 12 Detection Suppressors HESCO HE6LC-6, 8 HDSP Suppressor HESCO HE103C-9, Strobe Light Mount	$	20,680.00
M91567	McKinney P44 Rack ATCC-HV, IA-24CH, 2 FITA-24CH, OA-32CH, FOTA-16CH, SA-V-2-FL, Plug Inlet, Nat, Includes 10 LS 2202-HV-MC HDSP Flashers, 3 SIU-2218's, CMU, 4 DC ISOs, TS1/TS2-2 Cable, 12 Detection Suppressors HESCO HE6LC-6, 16 HDSP Suppressor HESCO HE103C-9, Strobe Light Mount	$	23,420.00
0	Houston Cabinets	$	-
F02-1	350i ATCC-HV HOUSTON TYPE 1,R23 OA32CH,(2)FOTA16CH CLIPS W/AC-BUS,(2)IA24CH W/OPT,(2)R23 FITA24CH,SA-TWO-HV-V,NATURAL	$	26,470.00
F02-2	350i ATCC-HV HOUSTON TYPE 2,R23 OA32CH,(2)FOTA16CH CLIPS W/AC-BUS,IA24CH W/OPT,R23 FITA24CH,SA-TWO-HV-V,NATURAL	$	25,308.00
F02-3	350i ATCC-HV HOUSTON TYPE 3,R23 OA16CH,FOTA16CH CLIPS W/AC-BUS,(2)IA24CH W/OPT,(2)R23 FITA24CH,SA-TWO-HV-V,NATURAL	$	21,746.00
F02-4	350i ATCC-HV HOUSTON TYPE 4,R23 OA16CH,FOTA16CH CLIPS W/AC-BUS,IA24CH W/OPT,R23 FITA24CH,SA-TWO-HV-V,NATURAL	$	20,813.00
F02-5	352i ATCC-HV HOUSTON TYPE 5,R23 OA16CH,FOTA16CH CLIPS W/AC-BUS,IA24CH W/OPT,R23 FITA24CH,SA-TWO-HV-V,NATURAL	$	18,297.00
F02-6	352i ATCC-HV HOUSTON TYPE 6,R23 OA16CH,FOTA16CH CLIPS W/AC-BUS,(2)IA24CH W/OPT,(2)R23 FITA24CH,SA-TWO-HV-V,NATURAL	$	19,735.00
F02-7	16CH-OA R23-1 w/FOTA and Harnesses	$	2,328.00
F02-8	Slim Line FITA 24CH w/ Harness	$	746.00
M91952	ATCC-HV, ITS STYLE FIELD OUTPUT TERMINATION ASSEMBLY 1-16CH	$	451.00
M91953	ATCC-HV, ITS STYLE FIELD OUTPUT TERMINATION ASSEMBLY 17-32CH	$	451.00
M86897	KIT,ATCC AUXILIARY I/O ASSEMBLY - MODEL 2521	$	775.00
	Other Cabinet Items		
200803	Pelco Clear Confirmation Light	$	181.00
161407	ArmorCast Traffic Cabinet Pedestal	$	826.00
PNS10-03-VP4003L	LED Light Strip	$	71.00

Swarco Blank Out and DMS Signs

V12590	TXDOT Arterial DMS Sign	$	51,134.00
TBD	128X32 Front Access Full Color Sign 112.8x28.2x10	$	18,018.00
TBD	432X96 Walkin Full Color Sign 343.2x78.6x45	$	119,757.00
V12440	Variable Speed Limit Sign (VSLS) # V12440	$	8,575.00
V12576	Blank-out 24 x 24 / NRT / # V12576	$	2,869.00
V12578	Blank-out 24 x 24 / NLT / # V12578	$	2,869.00
V12580	Blank-out 24 x 24 / NUT / # V12580	$	2,680.00
V12577	Blank-out 30 x 30 / NRT / # V12577	$	2,907.00
V12579	Blank-out 30 x 30 / NLT / # V12579	$	2,907.00
V12581	Blank-out 30 x 30 / NUT / # V12581	$	3,297.00
V12622	Blank-out 36 x 36 / NRT / # V12622	$	3,857.00
V12623	Blank-out 36 x 36 / NLT / # V12623	$	3,857.00
V12624	Blank-out 36 x 36 / NUT / # V12624	$	4,024.00
SWBlank	Blank-out / Full Matrix / 36 x 36 / TBD		
V12646	Blank-out / Full Matrix / 36 x 36 / TBD	$	5,933.00
V12621	Blank-out / Full Matrix / 48 x 48 / # V12621	$	7,560.00

Trastar Cobra Head Street Lighting LEDs

400900	LED Cobra Head 250 Watt 120 Volt (Duralight)	$	269.00
400902	LED Cobra Head 250 Watt 480 Volt (Duralight)	$	269.00
400901	LED Cobra Head 400 Watt 120 Volt (Duralight)	$	310.00

Pelco Structural Poles

Harris County Mast Arm Poles (Includes Anchor Bolts, Add ILSN Sign Arm if needed)

HC-SP-30-100	HC-SP-30-100	$	9,412.00
HC-SP-30-100L-15	HC-SP-30-100L-15	$	11,285.00
HC-SP-30-100-20' MA	HC-SP-30-100-20' MA	$	12,248.00
HC-SP-30-100-25' MA	HC-SP-30-100-25' MA	$	12,435.00
HC-SP-30-100-30' MA	HC-SP-30-100-30' MA	$	13,649.00
HC-SP-30-100-35' MA	HC-SP-30-100-35' MA	$	14,512.00
HC-SP-30-100-40' MA	HC-SP-30-100-40' MA	$	14,456.00
HC-SP-30-100-42' MA	HC-SP-30-100-42' MA	$	15,274.00
HC-SP-30-100-42' MA	HC-SP-30-100-42' MA	$	15,274.00
HC-SP-30-100-20' MA-L15	HC-SP-30-100-20' MA-L15	$	14,121.00
HC-SP-30-100-25' MA-L15	HC-SP-30-100-25' MA-L15	$	14,309.00
HC-SP-30-100-30' MA-L15	HC-SP-30-100-30' MA-L15	$	15,523.00
HC-SP-30-100-35' MA-L15	HC-SP-30-100-35' MA-L15	$	16,385.00
HC-SP-30-100-40' MA-L15	HC-SP-30-100-40' MA-L15	$	16,191.00
HC-SP-30-100-42' MA-L15	HC-SP-30-100-42' MA-L15	$	17,148.00
HC-SP-30-100-45' MA-L15	HC-SP-30-100-45' MA-L15	$	17,532.00
HC-SP-34-100	HC-SP-34-100	$	10,914.00
HC-SP-34-100L-15	HC-SP-34-100L-15	$	12,788.00
HC-SP-34-100-20' MA	HC-SP-34-100-20' MA	$	13,332.00
HC-SP-34-100-25' MA	HC-SP-34-100-25' MA	$	13,603.00
HC-SP-34-100-30' MA	HC-SP-34-100-30' MA	$	14,472.00
HC-SP-34-100-35' MA	HC-SP-34-100-35' MA	$	15,333.00
HC-SP-34-100-40' MA	HC-SP-34-100-40' MA	$	15,871.00
HC-SP-34-100-42' MA	HC-SP-34-100-42' MA	$	16,097.00
HC-SP-34-100-45' MA	HC-SP-34-100-45' MA		#N/A
HC-SP-34-100-20' MA-L15	HC-SP-34-100-20' MA-L15	$	15,205.00
HC-SP-34-100-25' MA-L15	HC-SP-34-100-25' MA-L15	$	15,477.00
HC-SP-34-100-30' MA-L15	HC-SP-34-100-30' MA-L15	$	16,345.00
HC-SP-34-100-35' MA-L15	HC-SP-34-100-35' MA-L15	$	17,207.00
HC-SP-34-100-40' MA-L15	HC-SP-34-100-40' MA-L15	$	17,864.00

HC-SP-34-100-42' MA-L15	HC-SP-34-100-42' MA-L15	$	17,970.00
HC-SP-34-100-45' MA-L15	HC-SP-34-100-45' MA-L15		#N/A
HC-20'/20' DMA-100L-15	HC-20'/20' DMA-100L-15	$	16,818.00
HC-25'/20' DMA-100L-15	HC-25'/20' DMA-100L-15	$	17,015.00
HC-25'/25' DMA-100L-15	HC-25'/25' DMA-100L-15	$	17,579.00
HC-30'/20' DMA-100L-15	HC-30'/20' DMA-100L-15	$	17,631.00
HC-30'/25' DMA-100L-15	HC-30'/25' DMA-100L-15	$	18,011.00
HC-30'/30' DMA-100L-15	HC-30'/30' DMA-100L-15	$	18,444.00
HC-35'/20' DMA-100L-15	HC-35'/20' DMA-100L-15	$	18,492.00
HC-35'/25' DMA-100L-15	HC-35'/25' DMA-100L-15	$	18,874.00
HC-35'/30' DMA-100L-15	HC-35'/30' DMA-100L-15	$	19,306.00
HC-35'/35' DMA-100L-15	HC-35'/35' DMA-100L-15	$	20,168.00
HC-40'/20' DMA-100L-15	HC-40'/20' DMA-100L-15	$	19,150.00
HC-40'/25' DMA-100L-15	HC-40'/25' DMA-100L-15	$	19,530.00
HC-40'/30' DMA-100L-15	HC-40'/30' DMA-100L-15	$	19,963.00
HC-40'/35' DMA-100L-15	HC-40'/35' DMA-100L-15	$	20,316.00
HC-40'/40' DMA-100L-15	HC-40'/40' DMA-100L-15	$	22,064.00
HC-42'/20' DMA-100L-15	HC-42'/20' DMA-100L-15	$	20,390.00
HC-42'/25' DMA-100L-15	HC-42'/25' DMA-100L-15	$	20,838.00
HC-42'/30' DMA-100L-15	HC-42'/30' DMA-100L-15	$	21,467.00
HC-42'/35' DMA-100L-15	HC-42'/35' DMA-100L-15	$	21,741.00
HC-42'/40' DMA-100L-15	HC-42'/40' DMA-100L-15	$	22,397.00
HC-42'/42' DMA-100L-15	HC-42'/42' DMA-100L-15	$	22,503.00
HC-44'/20' DMA-100L-15	HC-44'/20' DMA-100L-15	$	20,395.00
HC-44'/25' DMA-100L-15	HC-44'/25' DMA-100L-15	$	20,777.00
HC-44'/30' DMA-100L-15	HC-44'/30' DMA-100L-15	$	21,209.00
HC-44'/35' DMA-100L-15	HC-44'/35' DMA-100L-15	$	22,071.00
HC-44'/40' DMA-100L-15	HC-44'/40' DMA-100L-15	$	22,729.00
HC-44'/42' DMA-100L-15	HC-44'/42' DMA-100L-15	$	22,833.00
HC-44'/44' DMA-100L-15	HC-44'/44' DMA-100L-15	$	23,164.00
(4) 2 1/4" Anchor Bolts w/ Temp.	(4) 2 1/4" Anchor Bolts w/ Temp.	$	2,188.00
329017	30-A 1 1/2" 17" Circle Anchor Bolts w/ Templates (4)	$	1,011.00
329019	36-A 1 3/4" 19" Circle Anchor Bolts w/ Templates (4)	$	1,535.00
329027	48-A 2 1/2" 27" Circle Anchor Bolts w/ Templates (4)	$	2,622.00
	TXDOT 80 MPH Mast Arm Poles(Incl Anchor Bolts, Add ILSN Sign Arm if needed)		
SP-30B-80	SP-30B-80	$	8,497.00
SP-30B-80L-8	SP-30B-80L-8	$	9,985.00
SP-34D-80	SP-34D-80	$	9,554.00
SP-34D-80L-8	SP-34D-80L-8	$	11,042.00
20' SMA-80	20' SMA-80	$	7,764.00
20' SMA-80L-8	20' SMA-80L-8	$	9,114.00
24' SMA-80	24' SMA-80	$	7,853.00
24' SMA-80L-8	24' SMA-80L-8	$	9,692.00
28' SMA-80	28' SMA-80	$	8,267.00
28' SMA-80L-8	28' SMA-80L-8	$	10,138.00
32' SMA-80	32' SMA-80	$	8,898.00
32' SMA-80L-8	32' SMA-80L-8	$	11,495.00
36' SMA-80	36' SMA-80	$	10,123.00
36' SMA-80L-8	36' SMA-80L-8	$	12,517.00
40' SMA-80	40' SMA-80	$	10,871.00
40' SMA-80L-8	40' SMA-80L-8	$	13,501.00
44' SMA-80	44' SMA-80	$	11,747.00
44' SMA-80L-8	44' SMA-80L-8	$	14,378.00
48' SMA-80	48' SMA-80	$	12,797.00
48' SMA-80L-8	48' SMA-80L-8	$	15,601.00

50' LMA-80/100	50' LMA-80/100	$	24,535.00
50' LMA-80/100L-8	50' LMA-80/100L-8	$	27,809.00
55' LMA-80/100	55' LMA-80/100	$	24,944.00
55' LMA-80/100L-8	55' LMA-80/100L-8	$	28,773.00
60' LMA-80/100	60' LMA-80/100	$	26,228.00
60' LMA-80/100L-8	60' LMA-80/100L-8	$	29,547.00
65' LMA-80/100	65' LMA-80/100	$	27,231.00
65' LMA-80/100L-8	65' LMA-80/100L-8	$	30,252.00
20'/20' DMA-80	20'/20' DMA-80	$	12,537.00
20'/20' DMA-80L-8	20'/20' DMA-80L-8	$	15,420.00
24'/20' DMA-80	24'/20' DMA-80	$	13,461.00
24'/20' DMA-80L-8	24'/20' DMA-80L-8	$	15,758.00
24'/24' DMA-80	24'/24' DMA-80	$	14,345.00
24'/24' DMA-80L-8	24'/24' DMA-80L-8	$	16,905.00
28'/20' DMA-80	28'/20' DMA-80	$	14,023.00
28'/20' DMA-80L-8	28'/20' DMA-80L-8	$	16,976.00
28'/24' DMA-80	28'/24' DMA-80	$	14,335.00
28'/24' DMA-80L-8	28'/24' DMA-80L-8	$	17,089.00
28'/28' DMA-80	28'/28' DMA-80	$	14,669.00
28'/28' DMA-80L-8	28'/28' DMA-80L-8	$	17,483.00
32'/20' DMA-80	32'/20' DMA-80	$	14,006.00
32'/20' DMA-80L-8	32'/20' DMA-80L-8	$	17,557.00
32'/24' DMA-80	32'/24' DMA-80	$	14,949.00
32'/24' DMA-80L-8	32'/24' DMA-80L-8	$	17,658.00
32'/28' DMA-80	32'/28' DMA-80	$	15,284.00
32'/28' DMA-80L-8	32'/28' DMA-80L-8	$	17,773.00
32'/32' DMA-80	32'/32' DMA-80	$	16,307.00
32'/32' DMA-80L-8	32'/32' DMA-80L-8	$	19,204.00
36'/20' DMA-80	36'/20' DMA-80	$	15,466.00
36'/20' DMA-80L-8	36'/20' DMA-80L-8	$	17,738.00
36'/24' DMA-80	36'/24' DMA-80	$	15,767.00
36'/24' DMA-80L-8	36'/24' DMA-80L-8	$	18,644.00
36'/28' DMA-80	36'/28' DMA-80	$	15,990.00
36'/28' DMA-80L-8	36'/28' DMA-80L-8	$	18,875.00
36'/32' DMA-80	36'/32' DMA-80	$	16,642.00
36'/32' DMA-80L-8	36'/32' DMA-80L-8	$	19,970.00
36'/36' DMA-80	36'/36' DMA-80	$	17,199.00
36'/36' DMA-80L-8	36'/36' DMA-80L-8	$	20,503.00
40'/20' DMA-80	40'/20' DMA-80	$	15,913.00
40'/20' DMA-80L-8	40'/20' DMA-80L-8	$	19,184.00
40'/24' DMA-80	40'/24' DMA-80	$	16,922.00
40'/24' DMA-80L-8	40'/24' DMA-80L-8	$	19,286.00
40'/28' DMA-80	40'/28' DMA-80	$	16,837.00
40'/28' DMA-80L-8	40'/28' DMA-80L-8	$	19,601.00
40'/32' DMA-80	40'/32' DMA-80	$	17,930.00
40'/32' DMA-80L-8	40'/32' DMA-80L-8	$	20,729.00
40'/36' DMA-80	40'/36' DMA-80	$	18,405.00
40'/36' DMA-80L-8	40'/36' DMA-80L-8	$	20,992.00
44'/20' DMA-80	44'/20' DMA-80	$	16,900.00
44'/20' DMA-80L-8	44'/20' DMA-80L-8	$	20,015.00
44'/24' DMA-80	44'/24' DMA-80	$	17,212.00
44'/24' DMA-80L-8	44'/24' DMA-80L-8	$	20,220.00
44'/28' DMA-80	44'/28' DMA-80	$	17,442.00
44'/28' DMA-80L-8	44'/28' DMA-80L-8	$	20,557.00
44'/32' DMA-80	44'/32' DMA-80	$	18,967.00
44'/32' DMA-80L-8	44'/32' DMA-80L-8	$	21,707.00

44'/36' DMA-80	44'/36' DMA-80	$	19,442.00
44'/36' DMA-80L-8	44'/36' DMA-80L-8	$	22,909.00
50'/20' LDMA-80	50'/20' LDMA-80	$	30,790.00
50'/20' LDMA-80L-8	50'/20' LDMA-80L-8	$	34,487.00
55'/28' LDMA-80	55'/28' LDMA-80	$	32,582.00
55'/28' LDMA-80L-8	55'/28' LDMA-80L-8	$	36,354.00
60'/32' LDMA-80	60'/32' LDMA-80	$	34,038.00
60'/32' LDMA-80L-8	60'/32' LDMA-80L-8	$	38,020.00
65'/44' LDMA-80	65'/44' LDMA-80	$	36,950.00
65'/44' LDMA-80L-8	65'/44' LDMA-80L-8	$	39,945.00
8' Luminaire Arm	8' Luminaire Arm	$	1,993.00
	TXDOT 100 MPH Mast Arm Poles(Incl Anchor Bolts, Add ILSN Sign Arm if needed)		
20' SMA-100	20' SMA-100	$	7,909.00
20' SMA-100L-8	20' SMA-100L-8	$	10,389.00
24' SMA-100	24' SMA-100	$	8,522.00
24' SMA-100L-8	24' SMA-100L-8	$	11,056.00
28' SMA-100	28' SMA-100	$	8,932.00
28' SMA-100L-8	28' SMA-100L-8	$	11,549.00
32' SMA-100	32' SMA-100	$	9,874.00
32' SMA-100L-8	32' SMA-100L-8	$	12,806.00
36' SMA-100	36' SMA-100	$	10,646.00
36' SMA-100L-8	36' SMA-100L-8	$	13,395.00
40' SMA-100	40' SMA-100	$	12,528.00
40' SMA-100L-8	40' SMA-100L-8	$	15,142.00
44' SMA-100	44' SMA-100	$	12,965.00
44' SMA-100L-8	44' SMA-100L-8	$	15,781.00
20'/20' DMA-100	20'/20' DMA-100	$	14,276.00
20'/20' DMA-100L-8	20'/20' DMA-100L-8	$	16,967.00
24'/20' DMA-100	24'/20' DMA-100	$	14,926.00
24'/20' DMA-100L-8	24'/20' DMA-100L-8	$	17,435.00
24'/24' DMA-100	24'/24' DMA-100	$	15,622.00
24'/24' DMA-100L-8	24'/24' DMA-100L-8	$	18,185.00
28'/20' DMA-100	28'/20' DMA-100	$	15,422.00
28'/20' DMA-100L-8	28'/20' DMA-100L-8	$	18,584.00
28'/24' DMA-100	28'/24' DMA-100	$	16,075.00
28'/24' DMA-100L-8	28'/24' DMA-100L-8	$	18,853.00
28'/28' DMA-100	28'/28' DMA-100	$	16,467.00
28'/28' DMA-100L-8	28'/28' DMA-100L-8	$	19,350.00
32'/20' DMA-100	32'/20' DMA-100	$	15,937.00
32'/20' DMA-100L-8	32'/20' DMA-100L-8	$	18,581.00
32'/24' DMA-100	32'/24' DMA-100	$	16,688.00
32'/24' DMA-100L-8	32'/24' DMA-100L-8	$	19,360.00
32'/28' DMA-100	32'/28' DMA-100	$	17,440.00
32'/28' DMA-100L-8	32'/28' DMA-100L-8	$	20,388.00
32'/32' DMA-100	32'/32' DMA-100	$	17,827.00
32'/32' DMA-100L-8	32'/32' DMA-100L-8	$	21,001.00
36'/20' DMA-100	36'/20' DMA-100	$	16,963.00
36'/20' DMA-100L-8	36'/20' DMA-100L-8	$	19,100.00
36'/24' DMA-100	36'/24' DMA-100	$	17,175.00
36'/24' DMA-100L-8	36'/24' DMA-100L-8	$	20,172.00
36'/28' DMA-100	36'/28' DMA-100	$	17,450.00
36'/28' DMA-100L-8	36'/28' DMA-100L-8	$	20,454.00
36'/32' DMA-100	36'/32' DMA-100	$	18,131.00
36'/32' DMA-100L-8	36'/32' DMA-100L-8	$	21,728.00
36'/36' DMA-100	36'/36' DMA-100	$	18,873.00
36'/36' DMA-100L-8	36'/36' DMA-100L-8	$	22,387.00

40'/20' DMA-100	40'/20' DMA-100	$	17,242.00
40'/20' DMA-100L-8	40'/20' DMA-100L-8	$	20,498.00
40'/24' DMA-100	40'/24' DMA-100	$	18,003.00
40'/24' DMA-100L-8	40'/24' DMA-100L-8	$	20,574.00
40'/28' DMA-100	40'/28' DMA-100	$	18,832.00
40'/28' DMA-100L-8	40'/28' DMA-100L-8	$	21,910.00
40'/32' DMA-100	40'/32' DMA-100	$	19,973.00
40'/32' DMA-100L-8	40'/32' DMA-100L-8	$	22,829.00
40'/36' DMA-100	40'/36' DMA-100	$	20,506.00
40'/36' DMA-100L-8	40'/36' DMA-100L-8	$	23,443.00
44'/20' DMA-100	44'/20' DMA-100	$	18,957.00
44'/20' DMA-100L-8	44'/20' DMA-100L-8	$	22,090.00
44'/24' DMA-100	44'/24' DMA-100	$	19,282.00
44'/24' DMA-100L-8	44'/24' DMA-100L-8	$	22,423.00
44'/28' DMA-100	44'/28' DMA-100	$	19,641.00
44'/28' DMA-100L-8	44'/28' DMA-100L-8	$	22,842.00
44'/32' DMA-100	44'/32' DMA-100	$	20,749.00
44'/32' DMA-100L-8	44'/32' DMA-100L-8	$	23,919.00
44'/36' DMA-100	44'/36' DMA-100	$	21,242.00
44'/36' DMA-100L-8	44'/36' DMA-100L-8	$	24,546.00
50' LMA-80/100	50' LMA-80/100	$	24,535.00
50' LMA-80/100L-8	50' LMA-80/100L-8	$	27,809.00
55' LMA-80/100	55' LMA-80/100	$	24,944.00
55' LMA-80/100L-8	55' LMA-80/100L-8	$	28,773.00
60' LMA-80/100	60' LMA-80/100	$	26,228.00
60' LMA-80/100L-8	60' LMA-80/100L-8	$	29,547.00
65' LMA-80/100	65' LMA-80/100	$	27,231.00
65' LMA-80/100L-8	65' LMA-80/100L-8	$	30,252.00
	Signals and LEDs		
	Use this Separate LED section for LED's only Quotes, they are duplicated in each signal section also		
	Leotek P3 single LED Heads		
820003	12" Green Ball	$	43.00
820006	12" Green Arrow	$	48.00
820002	12" Yellow Ball	$	43.00
820005	12" Yellow Arrow	$	48.00
820001	12" Red Ball	$	43.00
820004	12" Red Arrow	$	48.00
	Leotek 15 Year Warranty DuraTech LED's		
820003-15	12" Green Ball- 15 Year Warranty	$	59.00
820006-15	12" Green Arrow - 15 Year Warranty	$	67.00
820002-15	12" Yellow Ball- 15 Year Warranty	$	59.00
820005-15	12" Yellow Arrow - 15 Year Warranty	$	67.00
820001-15	12" Red Ball- 15 Year Warranty	$	59.00
820004-15	12" Red Arrow - 15 Year Warranty	$	67.00
	Leotek 8" Bicycle LED's		
TP08A-BC-IL	8" Green Bicycle	$	57.00
TP08A-BB-IL	8" Yellow Bicycle	$	57.00
TP08A-BA-IL	8" Red Bicycle	$	57.00
	Leotek 12v DC LED's		
820062	DC 12" Green Ball	$	56.00
820021 ULP	DC 12" Yellow Ball Ultra Low Power (5 Watt)	$	65.00
820061	DC 12" Yellow Ball	$	56.00

820060	DC 12" Red Ball	$	56.00
	Leotek 48v DC LED's		
820006 48V	12" Green Arrow	$	75.00
820003 48V	12" Green Ball	$	68.00
820005 48V	12" Yellow Arrow	$	75.00
820002 48V	12" Yellow Ball	$	68.00
820004 48V	12" Red Arrow	$	75.00
820001 48V	12" Red Ball	$	68.00
821002 48V	16" Full Hand/Man CD PED - Incand. Look 48 Vdc	$	195.00
	U-Turn and Bi-modal LED's		
82000	12" Grn U-Turn Arrow	$	67.00
82000	12" Yel U-Turn Arrow	$	67.00
82000	12" Red U-Turn Arrow	$	67.00
820010	12" Yellow/Green Bi-Modal Arrow (IL)	$	103.00

One Section Signals

	McCain One Section Signal Heads		
191002	1 Section Poly Head (With Visor) TxDot Black	$	76.00
190000	1 Section Poly Head (With Visor) TxDot Yellow	$	76.00
190103	1 Section Alum Head (With Visor) TxDot Black	$	100.00
190102	1 Section Alum Head (With Visor) TxDot Yellow	$	100.00
	One Section Back Plates		
192101	1 Sec Alum	$	57.00
M17876	1 Sec Alum - Louvered	$	57.00
M18162	1 Sec Poly (Flat)	$	36.00
192101RT	1 Sec Alum w/ 2" Reflective Tape	$	66.00
M44287	1 Sec Alum Louvered w/ 2" Reflective Tape	$	66.00
	One Section Astro Bracs		
AS-0125-1-62-PNC	1Way, 1 Sec (62" Cable)	$	187.00
	One Section Span Wire Assemblies		
200902	Span Wire Assy 1Way 1-Point Mount 1 Sec	$	82.00
201082	Span Wire Assy 2Way 1-Point Mount 1 Sec	$	121.00
200072	Span Wire Assy 3Way 1-Point Mount 1 Sec	$	206.00
201083	Span Wire Assy 4Way 1-Point Mount 1 Sec	$	196.00
Paint Adder	Paint Adder For Brac or Assy (Add Color code Pxx)	$	20.00

Two Section Signals

	Two Section McCain Signals		
2YP	2 Section Poly Head (With Visor) TxDot Yellow	$	151.00
2YA	2 Section Alum Head (With Visor) TxDot Yellow	$	200.00
2BP	2 Section Poly Head (With Visor) TxDot Black	$	151.00
2BA	2 Section Alum Head (With Visor) TxDot Black	$	200.00
	Two Section Back Plates		
192102	2 Sec Alum	$	63.00
M17894	2 Sec Alum - Louvered	$	63.00
M18164	2 Sec Poly (Flat)	$	43.00
192102RT	2 Sec Alum w/ 2" Reflective Tape	$	76.00
M56678	2 Sec Alum Louvered w/ 2" Reflective Tape	$	76.00
	Two Section Astro Bracs		
AS-0125-2-62-PNC	1Way, 2 Sec (62" Cable)	$	197.00
2sec Split	Span Wire Assy, 2-Way, Upper & Lower, Alum	$	105.00
Paint Adder	Paint Adder For Brac or Assy (Add Color code Pxx)	$	20.00
	Two Section Leotek New P3 LED's		
820001	12" Red Ball	$	43.00
820002	12" Yellow Ball	$	68.00

Three Section Signals

	McCain Three Section Signals		
191003TX	3 Section Poly Head (With Visor) TxDot Black	$	217.00
190003TX	3 Section Poly Head (With Visor) TxDot Yellow	$	217.00
190103TX	3 Section Alum Head (With Visor) TxDot Yellow	$	300.00
191103TX	3 Section Alum Head (With Visor) TxDot Black	$	300.00
	Three Section Back Plates		
192103	3 Sec Alum	$	76.00
192103RT	3 Sec Alum w/ 2" Reflective Tape	$	97.00
192103C	3 Sec Alum (HAWK) Cluster fro AB -0168	$	108.00
192113	3 Sec Alum - Louvered	$	74.00
192113RT	3 Sec Alum Louvered w/ 2" Reflective Tape	$	105.00
M61597	3 Sec Alum - Louvered (HAWK) Cluster (Max Border)	$	104.00
192113C	3 Sec Alum - Louvered (HAWK) Cluster (Max Border) w/ 2" Reflective Tape	$	104.00
192003	3 Sec VF, ABS	$	61.00
192003RT	3 Sec VF, ABS with 2" Reflective Tape	$	61.00
0	3 Sec Flat Poly	$	50.00
BK-8000-3-PNC	3 Sec Pelco Aeroflex (No Tape)	$	110.00
BK-1032-A-PNC	3 Sec VF, ABS (Cluster)	$	156.00
	Three Section Astro Bracs		
201160	1Way, 3 Sec (62" Cable)	$	219.00
201160-84	1Way, 3 Sec (84" Cable)	$	220.00
201160-96	1Way, 3 Sec (96" Cable)	$	222.00
201160-120	1Way, 3 Sec (120" Cable)	$	229.00
AB-0168-62-PNC	1Way, 3 Sec (62" Cable) (Cluster) Only use if spec'd	$	405.00
200050	1Way, 3 Sec (62" Cable) w/CGB	$	227.00
AS-0194-3-84-2-PNC	1Way, 3 Sec (84" Cable) w/CGB	$	228.00
200051	1Way, 3 Sec (96" Cable) w/CGB	$	229.00
AS-0194-3-120-2-PNC	1Way, 3 Sec (120" Cable) w/CGB	$	236.00
AB-0150-3-62-PNC	1 Way, 3 Sec (62" Cable) Articulated w/CGB	$	274.00
AB-0150-3-84-PNC	1 Way, 3 Sec (84" Cable) Articulated w/CGB	$	276.00
AB-0150-3-96-PNC	1 Way, 3 Sec (96" Cable) Articulated w/CGB	$	276.00
	Three Section Span Wire Assy		
200150	Span Wire Assy, 1Way 2-Point Mount 3 Sec		#N/A
201177-3	Span Wire Assy, Houston (3 Sec)	$	311.00
SP-3011-TX-3-PNC	3 Sec Signal (Type E) FOR EL PASO	$	164.00
SE-3315-PNC	3 Sec HAWK Cluster w/Universal Hub Plates	$	254.00
20SE-5094-PNC	3 Sec Top and Bottom Mount	$	200.00
Paint Adder	Paint Adder For Brac or Assy (Add Color code Pxx)		#VALUE!
	Three Section Leotek New P3 LED's		
820003	12" Green Ball	$	43.00
820006	12" Green Arrow	$	48.00
820002	12" Yellow Ball	$	43.00
820005	12" Yellow Arrow	$	48.00
820001	12" Red Ball	$	43.00
820004	12" Red Arrow	$	48.00

Four Section Signals

	McCain Four Section Signals		
190004TX	4 Section Poly Head (With Visor) TxDot Yellow	$	288.00
190104TX	4 Section Alum Head (With Visor) TxDot Yellow(Horiz)	$	370.00
191004TX	4 Section Poly Head (With Visor) TxDot Black	$	288.00
191104TX	4 Section Alum Head (With Visor) TxDot Black (Horiz)	$	370.00
0	**Four Section Back Plates**		
192004	4 Sec VF, ABS	$	78.00
192004RT	4 Sec VF, ABS with 2" Reflective Tape	$	73.00

192104	4 Sec Alum	$	111.00
192104RT	4 Sec Alum w/ 2" Reflective Tape	$	155.00
192114	4 Sec Alum - Louvered	$	85.00
192114RT	4 Sec Alum Louvered w/ 2" Reflective Tape	$	166.00
0	4 Sec Flat Poly	$	57.00
0	4 Sec Louisiana Backplate	$	166.00
BK-8000-4-PNC	4 Sec Aeroflex (No Tape)	$	133.00
0	**Four Section Astro Bracs**		
201160-4	1Way, 4 Sec (62" Cable)	$	227.00
201160-4-84	1Way, 4 Sec (84" Cable)	$	229.00
201160-4-96	1Way, 4 Sec (96" Cable)	$	230.00
201160-4-120	1Way, 4 Sec (120" Cable)	$	237.00
AS-0194-4-62	1Way, 4 Sec (62" Cable) w/CGB	$	235.00
AS-0194-4-84	1Way, 4 Sec (84" Cable) w/CGB	$	237.00
AS-0194-4-96	1Way, 4 Sec (96" Cable) w/CGB	$	238.00
AS-0194-4-120	1Way, 4 Sec (120" Cable) w/CGB	$	245.00
AB-0150-4-96-PNC	1 Way, 4 Sec (96" Cable) Articulated w/CGB	$	286.00
	Four Section Span Wire Assy		
200150	Span Wire Assy, 1Way 2-Point Mount 3 Sec		#N/A
200152	Span Wire Assy, Full Piping (4 Sec)	$	378.00
201177	Span Wire Assy, Houston (4 Sec)	$	326.00
SP-3011-TX-4-PNC	4 Sec Signal (Type E) FOR EL PASO	$	172.00
Paint Adder	Paint Adder For Brac or Assy (Add Color code Pxx)	$	27.00
	Four Section Leotek New P3 LED's		
820003	12" Green Ball	$	43.00
820006	12" Green Arrow	$	48.00
820002	12" Yellow Ball	$	43.00
820005	12" Yellow Arrow	$	48.00
820001	12" Red Ball	$	43.00
820004	12" Red Arrow	$	48.00

Five Section Signals

	McCain Five Section Signals		
191005TX	5 Section Poly Head (With Visor) TxDot Black	$	365.00
M32158	5 Section Poly Cluster (With Visor) TxDot Black	$	365.00
190005TX	5 Section Poly Head (With Visor) TxDot Yellow	$	365.00
M44515	5 Section Poly Cluster (With Visor) TxDot Yellow	$	365.00
190105TX	5 Section Alum Head (With Visor) TxDot Yellow	$	464.00
M65857	5 Section Alum Cluster (With Visor) TxDot Yellow	$	464.00
191105TX	5 Section Alum Head (With Visor) TxDot Black	$	464.00
M56170	5 Section Alum Cluster (With Visor) TxDot Black	$	464.00
	Five Section Back Plates		
192005	5 Sec VF, ABS	$	85.00
192005RT	5 Sec VF, ABS with 2" Reflective Tape	$	92.00
0	5 Sec Flat Poly	$	65.00
192105	5 Sec Alum	$	132.00
192105RT	5 Sec Alum W/ 2" Reflective Tape	$	166.00
192105C	5 Sec Alum (Cluster)	$	95.00
192115	5 Sec Alum - Louvered	$	140.00
192115RT	5 Sec Alum - Louvered w/ 2" Reflective Tape	$	171.00
M18084	5 Sec Alum (Cluster) - Louvered for Pelco Bracket	$	115.00
M66678	5 Sec Alum (Cluster) - Louvered for Pelco Bracket w/ 2" RT	$	130.00
M42514D	5 Sec VF, ABS (Cluster)	$	113.00
5 Sec La	5 Sec Louisiana Backplate	$	130.00
BK-8000-5-PNC	5 Sec Aeroflex (No Tape)	$	137.00
	Five Section Astro Bracs		

201160-5	1Way, 5 Sec (62" Cable)	$	248.00
201160-5-84	1Way, 5 Sec (84" Cable)	$	249.00
201160-5-96	1Way, 5 Sec (96" Cable)	$	251.00
201160-5-120	1Way, 5 Sec (120" Cable)	$	258.00
20AS-0138-62	1Way, 5 Sec (62" Cable) (Cluster)	$	330.00
20AS-0138-96	1Way, 5 Sec (96" Cable) (Cluster)	$	337.00
20AS-0138-120	1Way, 5 Sec (120" Cable) (Cluster)	$	346.00
AS-0194-5-62	1Way, 5 Sec (62" Cable) w/CGB	$	256.00
AS-0194-5-84	1Way, 5 Sec (84" Cable) w/CGB	$	257.00
200052	1Way, 5 Sec (96" Cable) w/CGB	$	259.00
AS-0194-5-120	1Way, 5 Sec (120" Cable) w/CGB	$	266.00
AB-0150-5-96-PNC	1 Way, 5 Sec (96" Cable) Articulated w/CGB	$	301.00
	Five Section Span Wire Assy		
200150	Span Wire Assy, 1Way 2-Point Mount 5 Sec		#N/A
201177-5	Span Wire Assy, Houston (5 Sec)	$	343.00
SP-3011-TX-5-PNC	5 Sec Signal (Type E) FOR EL PASO	$	180.00
Paint Adder	Paint Adder For Brac or Assy (Add Color code Pxx)	$	20.00
	Five Section Leotek New P3 LED's		
820003	12" Green Ball	$	43.00
820006	12" Green Arrow	$	48.00
820002	12" Yellow Ball	$	43.00
820005	12" Yellow Arrow	$	48.00
820001	12" Red Ball	$	43.00
820004	12" Red Arrow	$	48.00
	Louvers & Visors		
	Louvers		
201154	12" GPL 8 degree Slotted Full Circle Louver - 01=Yellow, 33=Black	$	200.00
260011	5 Vane, 7° Louver	$	50.00
	Visors		
190001	12" Poly Visor Yellow	$	13.00
M19302	12" Poly Full Circle Visor - Yellow	$	13.00
Full Circle Visor	12" Alum Full Circle Visor - Yellow		
190101	12" Alum Tunnel Visor - Yellow	$	25.00
191001	12" Poly Visor Black	$	13.00
M19302	12" Poly Full Circle Visor - Black	$	13.00
M19300	12" Alum Full Circle Visor - Black		
191101	12" Alum Tunnel Visor - Black	$	25.00
	Other Signal Related Parts & NM Assemblies		
M66676	Reflective Tape per foot to add to Backplate	$	3.00
	Astro Bracs Clamps ONLY with Galvanized Cable		
201151	Astro Brac Clamp Kit w/62" Galv Cable	$	111.00
201151-84	Astro Brac Clamp Kit w/84" Galv Cable	$	112.00
201151-96	Astro Brac Clamp Kit w/96" Galv Cable	$	113.00
201151-120	Astro Brac Clamp Kit w/120" Galv Cable	$	121.00
201106	3 Section Gusseted Tube	$	53.00
201106-58	4 Section Gusseted Tube	$	61.00
201106-74	5 Section Gusseted Tube	$	82.00
201013	Astro-Brac Arm Kit, 1-Way 8-1/2" CTC, Stainless Slotted Washer, Alum	$	57.00
200084	9 inch CGB Arm Kit	$	64.00
0	Paint Adder (Add Color code Pxx)	$	7.00
	Pelco Wind Dampers		
200079-62	Wind Damper (MA-DPD-12) less sign - 62" Cable	$	637.00
200079-84	Wind Damper (MA-DPD-12) less sign - 84" Cable	$	652.00
200079-96	Wind Damper (MA-DPD-12) less sign - 96" Cable	$	661.00

0	Paint Adder (Add Color code Pxx)	$	-
0	School Zone Assembly (3 head Mast Arm)FOR EL PASO	$	-
Kit	**TxDOT 2 Section Split Span Assembly With Gap**		
20SE-5089	Span Hanger	$	78.00
20SE-0448	Check Nut (2 Required each)	$	9.00
20SE-0354	Neoprene Washer (2 Required Each))	$	1.00
20SE-0436-12	Nipple 1.5" (12")	$	16.00
20SE-5050-PNC	Tether Assy Tri Stud Breakaway	$	27.00
Kit	**NM Signal Mnt End of Arm**		
201052	Hub Plate (SE-0444) (2 required each)	$	21.00
201191	4" All Thread (SE-0309)	$	20.00
20-SE-0436-10	10" Nipple (SE-0436)	$	14.00
200085	Serrated Ell (SE-0457) (2 required Each)	$	17.00
201400	Lock Ring (SE-0360) (2 Required Each)	$	4.00
201046	Hex Nipple (SE-0443) (2 Required Each)	$	7.00
Home Depot	Home Depot 1 1/2" LB w/cover & Gasket	$	24.00
Kit	**NM Signal Mount Side of Pole/Mid Arm**		
201052	Hub Plate (SE-0444) (2 required each)	$	21.00
20-SE-0436-10	10" Nipple (SE-0436)	$	14.00
200085	Serrated Ell (SE-0457) (2 required Each)	$	17.00
201400	Lock Ring (SE-0360) (2 Required Each)	$	4.00
201046	Hex Nipple (SE-0443) (2 Required Each)	$	7.00
0	**NM Signal Mnt Ped Pole Head**		
201052	Hub Plate (SE-0444) (2 required each)	$	21.00
201191	4" All Thread (SE-0309)	$	20.00
200085	Serrated Ell (SE-0457) (2 required Each)	$	17.00
201400	Lock Ring (SE-0360) (2 Required Each)	$	4.00
201046	Hex Nipple (SE-0443) (2 Required Each)	$	7.00
0	**NM Ped Head & TX Type 1**		
201052	Hub Plate (SE-0444) (2 required each)	$	21.00
20-SE-0436-12	12" Nipple (SE-0436) (2 Required Each)	$	16.00
200085	Serrated Ell (SE-0457) (2 required Each)	$	17.00
201400	Lock Ring (SE-0360) (2 Required Each)	$	4.00
201046	Hex Nipple (SE-0443) (2 Required Each)	$	7.00

Coaxial and Heliax Cable

Coaxial Cable Including Connectors

PNS10-500200A	Coaxial Cable LMR-400 (Per Ft.)	$	1.34
LMR 400 Conn	N Male Connector - LMR-400 (2 per radio)	$	17.00

Heliax Cable Including Connectors

PNS10-500200H	Heliax Cable LMR-600 (Per Ft.)	$	2.57
LMR600 Conn	N Male Connector - LMR-600 (2 per radio)	$	29.00

Schneider APC UPS's

UPS System (External Battery Cabinet)

710010	UPS w/ APC Secure UPS 1300VA/1300 W 120 VAC In/Out RM Plus Bypass Unit with 12' Harness (No Cabinet or Power Panel)	$	3,005.00

710011	Complete UPS w/ APC Secure UPS 1300VA/1300 W 120 VAC In/Out RM Plus Bypass Unit with 12' Harness (NO Cabinet or Power Panel but with Generator Option)	$	2,999.00
APC-TXDOT	Turnkey UPS w/ APC Secure UPS 1300VA/1300 W 120 VAC In/Out RM, Bypass Unit, 12' Harness, RTC Cabinet and Power Panel 4 MK 110 AH Batteries (No Generator Plug) Includes Cabinet Wire/Portal Connection Kit	$	5,890.00
APC-DOT	Turnkey UPS w/ APC Secure UPS 1300VA/1300 W 120 VAC In/Out RM Plus Bypass Unit, 12' Harness, RTC Cabinet and Power Panel 4 MK 110 AH Batteries and Generator Plug, Includes Cabinet Wire/Portal Connection Kit	$	6,230.00
710001	APC Secure UPS 1300VA/1300 W 120 VAC In/Out RM Conformal Coated	$	2,306.00
710002	APC Schneider SecureUPS Bypass Unit W/ Generator input, W/O Batteries	$	394.00
710002NOGEN	APC Schneider SecureUPS Bypass Unit W/O Generator input, W/O Batteries	$	400.00
710003	APC Schneider Battery Harness (4' Plus an 8' Extension)	$	299.00
47-HAR4	APC Schneider Battery Harness 4'	$	239.00
APC CAB CONN	APC Cabinet Connection Kit (for wire portal if adding to existing Traffic Cabinet)	$	151.00
03-UPSGEN	Generator Option (Incl. Automatic Switch, Dead Face Panel, 30A Generator Receptacle, Wiring)	$	346.00
13-8A30 HEI	MK 105 Amp 12V Batteries	$	291.00
710006	APC 100 Amp 12V Batteries	$	412.00
710009	Set of 4 APC 100 Amp 48V Batteries	$	1,648.00
260012	Aluminum Mounting Cabinet	$	1,362.00
PNS10 -03-UPSCTC	Power Panel, wiring and Labor	$	359.00
PNS10 -03-UPSFANTHERM	Add ,Thermostat and Fan Only (NO POWER PANEL)	$	361.00
PNS10 -03-UPSCONF	Add Confirmation Light	$	65.00
PNS10 -03-UPSDOOR	Add Door Switch	$	135.00
710004	One Year Extended Warranty on APC Secure UPS	$	144.00
710005	One Year Extended Warranty on APC Secure UPS Bypass	$	53.00

Southern Illuminated Signs

	Clean Profile - Single Sided TXDOT		
CP618SRDNNAAG1	6' x 18" viewable area standard blocking background	$	1,462.00
CP621SRDNNAAG2	6' x 21" viewable area standard blocking background	$	1,527.00
CP624SRFNNAAG1	6' x 24" viewable area standard blocking background	$	1,595.00
CP818SRDNNAAG1	8' x 18" viewable area standard blocking background	$	1,705.00
CP821SRDNNAAG2	8' x 21" viewable area standard blocking background	$	1,784.00
CP824SRFNNAAG1	8' x 24" viewable area standard blocking background	$	1,863.00
CP1018SRDNNAAG2	10' x 21" viewable area standard blocking background	$	2,124.00
CP1024SRFNNAAG1	10' x 24" viewable area standard blocking background	$	2,221.00
	Clean Profile - Double Sided TXDOT		
CP618DTJNNAAG1	6' x 18" viewable area standard blocking background	$	1,584.00
CP621DTJNNAAG2	6' x 21" viewable area standard blocking background	$	1,665.00
CP624DTJNNAAG1	6' x 24" viewable area standard blocking background	$	1,748.00
CP818DTJNNAAG1	8' x 18" viewable area standard blocking background	$	1,927.00
CP821DTJNNAAG2	8' x 21" viewable area standard blocking background	$	2,024.00
CP824DTJNNAAG1	8' x 24" viewable area standard blocking background	$	2,074.00
CP1018DRDNNAAG2	10' x 21" viewable area standard blocking background	$	2,478.00
CP1024DRFNNAAG1	10' x 24" viewable area standard blocking background	$	2,591.00
	Thin LED Single Sided		
TL619SRDNNAAG1	6' x 19" Overall size standard blocking background	$	1,614.00
TL819SRDNNAAG1	8' x 19" Overall size standard blocking background	$	1,752.00
	Thin LED Double Sided		
TL619DTJNNAAG1	6' x 19" Overall size standard blocking background	$	2,028.00
TL819DTJNNAAG1	8' x 19" Overall size standard blocking background	$	2,267.00
	Options		
Diamond Grade 6' Single	Diamond Grade Signface upgrade for any 6' SINGLE SIDED sign	$	193.00
Diamond Grade 8' Single	Diamond Grade Signface upgrade for any 8' SINGLE SIDED sign	$	257.00
Diamond Grade 10' Single	Diamond Grade Signface upgrade for any 10' SINGLE SIDED sign	$	321.00

Diamond Grade 6' Double	Diamond Grade Signface upgrade for any 6' DOUBLE SIDED sign	$	385.00
Diamond Grade 8' Double	Diamond Grade Signface upgrade for any 8' DOUBLE SIDED sign	$	514.00
Diamond Grade 10' Double	Diamond Grade Signface upgrade for any 10' DOUBLE SIDED sign	$	642.00
MISCDECAL	Logo One color logo price per side	$	34.00
MISCDECAL	Logo Two or more colors price per sign	$	68.00
PHOTOCELL-SWIVEL	Photocell Tork Swivel	$	34.00
	Brackets		
EZ Bar Even	Free Swing from mast arm both fixed heights	$	207.00
BRACKET-EZ-BAR-UNEVEN	Free swing from mast arm one side adjustable	$	279.00
Pelco 0142	Rigid Rear Mount (Single Sided Only)	$	277.00
Pelco 1006	Rigid Mount top and bottom of sign (Single only)	$	371.00
Pelco 5148	Free Swing both fixed heights	$	371.00
Free Swing	Free Swing with one side extender	$	393.00
	Blank Out Signs		
BO2424BBNNAAYR3-1	24" x24" Symbolic display R3-1. Size of display	$	3,027.00
BO2424BBNNAAYR3-2	24" x24" Symbolic display R3-2. Size of display	$	3,027.00
BO2430BBNNAAYR3-1T	24" x 30" 30" R3-1 with TRAIN below	$	3,963.00
BO3030BBNNAAYR3-1	30" x 30" Symbolic display R3-1. Size of display	$	3,830.00
BO3036BBNNAAYR3-1T	30" x 36" 30" R3-1 with TRAIN below in 6" single stroke letters	$	4,242.00
BO2424BBNNAAY-W10-7	24" X 24" Symbolic Train R10-15 Size of Display	$	3,756.00
LC1818BBNNAAY-2R-2W	18" x 18" Lane Use Signal Red X and Green Arrow	$	3,427.00
BO3036BBNNAAY-R3(2WAY)	30" x 36" Dual Symbol Lane Use R3-5A & R3-5L	$	4,348.00
BO3036BBNNAAY-R3(2WAY)	30" x 36" Dual Symbol Lane Use R3-5L & R3-6L	$	4,590.00
	Standard LED Signs		
0	Single Sided	$	-
LE619SRDNNAAG1	6' x 19" viewable area standard blocking background	$	1,642.00
LE624SRDNNAAG1	6' x 24" viewable area standard blocking background	$	1,779.00
LE819SRDNNAAG1	8' x 19" viewable area standard blocking background	$	1,779.00
LE824SRDNNAAG1	8' x 24" viewable area standard blocking background	$	1,918.00
0	Double Sided	$	-
LE619DTJNNAAG1	6' x 19" viewable area standard blocking background	$	2,089.00
LE624DTJNNAAG1	6' x 24" viewable area standard blocking background	$	2,226.00
LE819DTJNNAAG1	8' x 19" viewable area standard blocking background	$	2,309.00
LE824DTJNNAAG1	8' x 24" viewable area standard blocking background	$	2,445.00
	Aluminum NEMA 3R Enclosures & ITS Commander		
171068	ITS Commander Remote Power Management System	$	1,340.00
Type III Control Cabinet	32"x20"x14" Pole Mounted Control Cabinet NEMA 3R .125" 5052 Aluminum.	$	1,145.00
Type IV Control Cabinet	50"x30"x16.5" Base Mounted Control Cabinet NEMA 3R .125" 5052 Aluminum.	$	1,340.00
336S CCTV	336S Pole Mount CCTV Cabinet with PDA 30 amp, 4 equipment outlets, 2 GFI outlets, fan light, shelf and drawer. No sunshields	$	4,032.00
332 DMS	332 DMS cabinet with 60 amp 120/240 Split phase PDA, fan light, shelf and drawer. No sunshield.	$	4,975.00
171039	30"H x 24"W x 24"D Pole Mounted cabinet with power panel for CCTV 30 Amp main breaker and 2 15 amp breakers. New Mexico	$	4,495.00
171036	30"H x 24"W x 24"D Pole Mounted cabinet with power panel for DMS, 2-30 Amp main breaker and 2-15 amp breakers. New Mexico	$	4,318.00
	Southern ILSN Sign Install Labor (CTC)		
CTCINSTALLSMILSN	ILSN Installation to Mast Arm Two Men w/ Bucket and Pickup 2.5 hours/per sign	$	1,350.00
CTCINSTALLLGILSN	ILSN Installation LARGE Sign Two men w/ Bucket and Pickup 5 hours /per sign (requires site visit)	$	2,700.00
CTCINSTALLILSNWIRE	ILSN Installation Wire pull cabinet to sign Two Men w/ 2 Pickups 2 Hours/per sign	$	720.00
*PNS Wire	Wire for Sign (250 ft) per sign $.35 per ft inrolls of 2,900 ft	$	119.00
*PNS Fuse	In Line Fuse (check with Agency to see if necessary)	$	68.00

Assa Abloy Locks

TQ403	CLIQ Programming Key* (2 Required)	$	248.00
TQ407	CLIQ Dynamic User key	$	146.00
TQB407	CLIQ Bluetooth Dynamic User key	$	359.00
PDA500	Programming Device*	$	978.00
PDA100	WallPD*	$	864.00
KS-T_TA77ZZ	Protec2 Key - Mechanical	$	10.00
PLM330T	Padlock with 25mm shackle mk ReKeyable w/o Keys	$	117.00
PLLW330T	CLIQ padlock w/25 mm shackle mk SWP w/o Keys	$	921.00
US_75481-LS-T	Traffic Encl. lck - LH Slm Ltch-cy406	$	180.00
US_75481-RS-T	Traffic Encl. lck - RH Slm Ltch-cy406	$	180.00
US_A75481-LS-T	Traffic Encl. lck-LH Bolt Ltch-cy406t	$	189.00
0	Traffic Encl. lck-RH Bolt Ltch-cy406t	$	189.00
US_75481-LS-CLIQ	CLIQ Traffic Encl. lck - LH Slm Ltch -cyl406T cyl	$	733.00
US_75481-RS-CLIQ	CLIQ Traffic Encl. lck - RH Slm Ltch -cyl406T cyl	$	733.00
0	CLIQ Traffic Encl. lck - LH Bolt Ltch with cyl406T cyl	$	756.00
US_A75481-RS-CLIQ	CLIQ Traffic Encl. lck - RH Bolt Ltch with cyl406T cyl	$	756.00
SP366_000000	CLIQ Web Manager Basic SaaS license - One time fee*	$	1,117.00
SP367_000001	CLIQ Web Manager Basic SaaS subscription 1-50 components - Yearly fee*	$	558.00
SP368_000000	CLIQ Web Manager Premium SaaS license - One time fee* required if using Bluetooth keys	$	5,258.00
SP369_000001	CLIQ Web Manager Premium SaaS subscription 1-50 components - Yearly fee* required if using Bluetooth keys	$	2,142.00

Houston Radar Counters

Speedlane (2 Radars, Color HD Camera, Bluetooth)

SpeedLanePro	Speedlane Base Unit (Dual Radar, Color HD Camera, Bluetooth Interface, SQL Database, RS232 and 12VDC Power, Mounting Bracket, StatsAnalyser Software)	$	5,226.00
OPT-SLP-0035	Solar Kit (96WHr LifePO Rechargeable Battery, 30 W Solar Panel, mounting bracket, 5 ft cable, AC Charger, On/Off Switch)	$	1,139.00
OPT-SLP-0010	UPS Kit (96WHr LifePO Rechargeable Battery, AC Charger, On/Off Switch)	$	871.00
OPT-SLP-0070	3G Penta Cell Modem w/ GPS (Full sized SIM and data plan NOT included)	$	804.00
OPT-SLP-0080	Built in Ethernet Port (for video streaming)	$	670.00
OPT-SLP-0180	Built in Power over Ethernet Module (includes Ethernet, Not Injector)	$	1,071.00
120-017	External Power over Ethernet Injector	$	106.00
900-0037	SeedLanePro Cable	$	161.00
FIB12-485	SeedLanePro Field Interface Box	$	761.00
9 hrs Video DVR	9 hours of onboard 800x60010ffps Video Recording	$	750.00
18 hrs Video DVR	18 hours of onboard 800x60010ffps Video Recording	$	1,072.00
110-0036	Class 1 Bluetooth Dongle	$	32.00
110-0074	15Watt 90-240VAC to 12 VDC Power Supply	$	53.00
110-0073	15Watt 90-240VAC to 24 VDC Power Supply	$	53.00
110-0144 & 110-0143	Split Cable Gland (to allow M12 Connection thru user enclosure)	$	34.00
OPT-SLP-0310	Extended Warranty per year up to 3 additional years, 4 total) 6% to Customer		6%
Tetryon/alc	Tetryon Cloud Server client activation (one-time fee)	$	629.00
TetryonHost	Tetyon Server Cloud Hosting, Per Radar, Per Year, up to 3 years, so 4 years Total)	$	741.00
Solar-Kit-Speedlane-30W	Solar Kit (30W Solar Panel, mounting bracket, 5 ft cable Only)	$	268.00
Solar-Kit-Speedlane-60W	Solar Kit (60W Solar Panel, mounting bracket, 5 ft cable Only)	$	402.00

Armadillo Crossfire (Count and Class Radar)

Armadillo PD	Armadillo Base Unit (Bluetooth Connectivity, Color Camera, LifePO Rechargeable Battery, USB Slow Charger, AC Quick Charger, 12V Car Charger, Mounting Bracket, USB Cable, Class 1 USB Bluetooth Dongle, ON/Off Switch, StatsAnalyser Software)	$	3,001.00
OPT-APD-0001	Solar Ready (Added Solar Connector?)	$	420.00
OPT-APD-0015	Solar Kit (10 W Solar Panel, mounting bracket, 3 ft cable, Mounting Bracket)	$	670.00

Armadillo Booster Pack	Armadillo Booster Pack (External Battery in a box, Mounting Bracket/straps, 3 ft Cable (Requires Solar Connector)	$	871.00
CHG-100-0000	24VDC output 90-240VAC input charger with 5-pin circular connector and 6ft cable (requires solar connector)	$	150.00
Armadillo Carrying Case	Weatherproof Carrying Case	$	268.00
OPT-SLP-0310	Extended Warranty up to 3 additional years, so 4 total) 6% per year to Customer		6%
	Armadillo Tracker (Count and Class Radar)		
Base Unit	Armadillo Base Unit (LifePO Rechargeable Battery, Bluetooth Interface, USB Slow Charger, AC Quick Charger, 12V Car Charger, Mounting Bracket, ON/Off Switch, StatsAnalyser Software)	$	3,076.00
OPT-APD-0001	Solar Ready (Added Solar Connector?)	$	420.00
OPT-APD-0055	Solar Kit (5 W Solar Panel, mounting bracket, 3 ft cable, Mounting Bracket)	$	581.00
OPT-APD-0015	Solar Kit (10 W Solar Panel, mounting bracket, 3 ft cable, Mounting Bracket)	$	670.00
OPT-ADC-0060	GPS Data Location Tagging Includes GPS Module and antenna)	$	320.00
OPT-ADC-0070	Built in LTE Cell Modem w/ GPS (Full sized SIM and data plan NOT included)	$	804.00
OPT-ADC-0110	Mfi Bluetooth Hardware for Ios Compatability	$	268.00
Armadillo Booster Pack Case	Armadillo Booster Pack (External Battery in a box, Mounting Bracket/straps, 3 ft Cable (Requires Solar Connector)	$	871.00
	Weatherproof Carrying Case	$	268.00
CHG-100-0000	24VDC output 90-240VAC input charger with 5-pin circular connector and 6ft cable (requires solar connector)	$	150.00
OPT-SLP-0310	Extended Warranty per year up to 3 additional years, 4 total) 6% to Customer		6%
Tetryon/alc	Tetryon Cloud Server client activation (one-time fee)	$	315.00
TetryonHost	Tetyon Server Cloud Hosting, Per Radar, Per Year, up to 3 years, so 4 years Total)	$	485.00
OPT-ADC-050	5 Watt solar panel, bracket, straps (NO connector)	$	161.00
OPT-ADC-010	10 Watt solar panel, bracket, straps (NO connector)	$	249.00
	3M Loop Sealant		
	3M		
110501	Detector Loop Sealant (5 Gal Pail)	$	473.00
110506	Loop Sealant Ply-Pack	$	39.00
110507	Loop Sealant Ply-Pack Gun	$	270.00
	Flir Detection Products		
	Traficon Visual Cameras(Legacy)		
10-4375	Traficon VIP/3D.1s - Vehicle Presence & Data Monitor Detector Board - 1 camera input - US Edge Connector	$	2,061.00
10-4325	Traficon VIP/3D.2s - Vehicle Presence & Data Monitor Detector Board - 2 camera input - US Edge Connector	$	3,216.00
10-4545	Traficon VIEWCOM/Es MAX + - Remote Monitoring & Setup Board - MPEG-4/H.264 - single slot - US Edge Connector	$	3,127.00
10-0023	Traficon VIP Set Up Keypad - for DB9 Connector & Stereo Jack Connector	$	221.00
10-4420	4 I/Os - Output Expansion Board - 4 outputs - single slot - US Edge Connector	$	575.00
10-4470	2 I/Os - Output Expansion Board - 2 outputs - single slot - US Edge Connector	$	389.00
	Analog Thermal Imagers		
427-0088-21-00	FC-369 T2 - QVGA, 69° H FOV, NTSC	$	2,577.00
427-0088-31-00	FC-344 T2 - QVGA, 44° H FOV, NTSC	$	2,577.00
427-0088-41-00	FC-332 T2 - QVGA, 32° H FOV, NTSC	$	2,577.00
427-0092-31-00	FC-324 T2 - QVGA, 24° H FOV, NTSC	$	2,577.00
427-0092-41-00	FC-317 T2 - QVGA, 17° H FOV, NTSC	$	2,577.00
	ITS Series of Thermal Imagers (analogue, IP, POE)		
427-0090-21-00	FC-369 T2 - QVGA, 69° H FOV, NTSC	$	3,238.00
427-0090-31-00	FC-344 T2 - QVGA, 44° H FOV, NTSC	$	3,238.00
427-0090-41-00	FC-332 T2 - QVGA, 32° H FOV, NTSC	$	3,238.00
427-0094-31-00	FC-324 T2 - QVGA, 24° H FOV, NTSC	$	3,238.00

427-0094-41-00	FC-317 T2 - QVGA, 17° H FOV, NTSC	$	3,238.00
	TrafiCam Visual Vehicle Detection (Legacy)		
10-6090A	TrafiCam wide angle	$	1,436.00
10-6091A	TrafiCam narrow angle	$	1,436.00
10-6083	4TI ETH Edge - 4 outputs, SDLC via PIM module, USB, ETH - single slot - US Edge Connector	$	441.00
10-4670	4/Os xp. Edge - Output Expansion Board - 4 outputs - single slot - US Edge Connector	$	368.00
10-6077	4TI ETH - 16 outputs, USB, ETH	$	795.00
10-6078	1TI - 4 outputs, USB	$	559.00
LEA050923	USB/A - USB/B Cable - for setup of 1TI, 4TI ETH and 4TI ETH Edge with PC	$	8.00
CNCIR008F1	Spare Power / RS485 connector (8 pins, of which 5 pins color coded)	$	52.00
25-6091	Sunshield for aluminum housing	$	52.00
	TrafiCam x-Stream2 Vehicle Detection, Traffic Data and Visual Traffic Monitoring		
10-7150	Traficam Xstream2 Digital Visual Camera with Streaming capability Wide Angle	$	3,120.00
10-7151	Traficam Xstream2 Digital Visual Camera with Streaming capability Narrow Angle	$	3,120.00
10-7013	TI BPL2 Edge Card (supports up to 4 Cameras)	$	1,104.00
10-4675	4 I/O USB - Input Output Expansion Board (If more than 4 cameras needed in an intersection)	$	368.00
10-7085	TI BPL2 interface - Power Line Interface - 16 outputs	$	1,178.00
CNCIR008F1	Spare Connector - 8 pins - BPL2 - PoE	$	52.00
TOOL160620	Spare Wrench tool fo applting right torque to cable gland	$	16.00
10-7018	TI BPL2 Edge W/ BIU and SIU Interface SDLC Interface(supports up to 4 Cameras) (if SDLC needed)	$	1,458.00
10-7320	FLIR POE Interface	$	221.00
0	**TrafiCam AI Vehicle Detection, Traffic Data and Visual Traffic Monitoring**	$	-
10-7710	Traficam AI Wide Angle - BPL2, POE, Sunshield	$	3,312.00
10-7715	Traficam AI Narrow Angle - BPL2, POE, Sunshield	$	3,312.00
10-7499AI	Premium Traffic Data License Fee for AI	$	1,766.00
10-7013	TI BPL2 Edge Card (supports up to 4 Cameras)	$	1,104.00
10-4675	4 I/O USB - Input Output Expansion Board (If more than 4 cameras needed in an intersection)	$	368.00
10-7085	TI BPL2 interface - Power Line Interface - 16 outputs	$	1,178.00
CNCIR008F1	Spare Connector - 8 pins - BPL2 - PoE	$	52.00
TOOL160620	Spare Wrench tool fo applting right torque to cable gland	$	16.00
10-7018	TI BPL2 Edge W/ BIU and SIU Interface SDLC Interface(supports up to 4 Cameras) (if SDLC needed)	$	1,458.00
10-7320	FLIR POE Interface	$	221.00
	TraffiRadar Visual Stop Bar Detection, Traffic Data & Traffic Monitoring. Radar Dilemna zone protection and Advance Detection (Radar and Visual Dual)		
10-6066U	TrafiRadar BPL Dual Detection Radar and Visual	$	5,299.00
10-6055	TI BPL2 Edge Card (supports up to 4 Cameras)	$	956.00
10-4670	4/Os xp. Edge - Output Expansion Board - 4 outputs - single slot - US Edge Connector	$	368.00
10-6085	TI x-stream BPL interface - Power Line Interface - 16 outputs	$	1,178.00
10-6044	TI xp BPL Expansion Board	$	529.00
CNCIR004F7	Spare PosewerBPL Connector (3 wire)	$	52.00
20-6065	TrafiRadar Mounting Kit (Wall Mount+ Pole Adapter)	$	272.00
	TrafiOne Thermal Pedestrian Presence Detection & Visual Traffic Monitoring		
10-7070	TrafiOne 195 - QQVGA, 95° H FOV, 9Hz, including HD visual stream license	$	2,104.00
10-7075	TrafiOne 156 - QQVGA, 56° H FOV, 9Hz, including HD visual stream license	$	2,104.00
10-7013	TI BPL2 Edge Card (supports up to 4 Cameras)	$	1,104.00
10-4675	4 I/O USB - Input Output Expansion Board (If more than 4 cameras needed in an intersection)	$	368.00
10-7085	TI BPL2 interface - Power Line Interface - 16 outputs	$	1,178.00
10-6075	Ethernet interface	$	221.00
25-7070	Spare Rain Shield - for 10-7075	$	52.00

10-7018	TI BPL2 Edge W/ BIU and SIU Interface SDLC Interface(supports up to 4 Cameras) (if SDLC needed)	$	1,458.00
10-7320	FLIR POE Interface	$	221.00
	TraffiSense2 Thermal Vehicle/Bicycle/Pedestrian Detection, Traffic Data & Traffic Monitoring		
10-7470	Traffisense 2 Thermal Camera 690 (90 deg Field of View) Includes Sunshield	$	5,423.00
10-7474	Traffisense 2 Thermal Camera 645 (45 deg Field of View) Includes Sunshield	$	5,423.00
10-7476	Traffisense 2 Thermal Camera 632 (32 deg Field of View) Includes Sunshield	$	5,423.00
10-7450	Traffisense 2 Thermal Camera 690 V2X (90 deg Field of View) Includes Sunshield (V2X Ready)	$	6,166.00
10-7454	Traffisense 2 Thermal Camera 645 V2X (45 deg Field of View) Includes Sunshield (V2X Ready)	$	6,166.00
10-7456	Traffisense 2 Thermal Camera 632 V2X (32 deg Field of View) Includes Sunshield (V2X Ready)	$	6,166.00
10-7499	Premium Traffic Data License Fee	$	736.00
TBD	Stopped Vehicle License Fee (Consult Flir for Price)		#N/A
10-7013	TI BPL2 Edge Card (supports up to 4 Cameras)	$	1,104.00
10-4675	4 I/O USB - Input Output Expansion Board (If more than 4 cameras needed in an intersection)	$	368.00
10-7085	TI BPL2 interface - Power Line Interface - 16 outputs	$	1,178.00
CNCIR008F1	Spare Connector - 8 pins - BPL2 - PoE	$	52.00
TOOL160620	Spare Wrench tool fo applting right torque to cable gland	$	16.00
10-7018	TI BPL2 Edge W/ BIU and SIU Interface SDLC Interface(supports up to 4 Cameras) (if SDLC needed)	$	1,458.00
10-7320	FLIR POE Interface	$	221.00
	TraffiSense 2 DUAL Thermal and Visual (for Vehicle/Bike/Pedestrian Detection, Traffic Data and Thermal AND Visual Traffic monitoring)		
10-7578	Traffisense 2 Dual Thermal Camera 625 (25 deg Field of View) Visual 5-50 Deg HD, Includes Sunshield	$	7,087.00
10-7574	Traffisense 2 Dual Thermal Camera 645 (45 deg Field of View) Visual 5-50 Deg HD, Includes Sunshield	$	7,087.00
10-7576	Traffisense 2 Dual Thermal Camera 632 (32 deg Field of View) Visual 5-50 Deg HD, Includes Sunshield	$	7,087.00
10-7499	Premium Traffic Data License Fee	$	736.00
TBD	Stopped Vehicle License Fee (Consult Flir for Price)		#N/A
10-7013	TI BPL2 Edge Card (supports up to 4 Cameras)	$	1,104.00
10-4675	4 I/O USB - Input Output Expansion Board (If more than 4 cameras needed in an intersection)	$	368.00
10-7085	TI BPL2 interface - Power Line Interface - 16 outputs	$	1,178.00
CNCIR008F1	Spare Connector - 8 pins - BPL2 - PoE	$	52.00
TOOL160620	Spare Wrench tool fo applting right torque to cable gland	$	16.00
MEAC161006	Mounting Bracket	$	88.00
10-7018	TI BPL2 Edge W/ BIU and SIU Interface SDLC Interface(supports up to 4 Cameras) (if SDLC needed)	$	1,458.00
10-7320	FLIR POE Interface	$	221.00
	TraffiSense AI Thermal (for Vehicle/Bike/Pedestrian Detection, Traffic Data and Traffic monitoring)		
10-7750	Traffisense AI 690 (90 deg Field of View) 30Hz, Includes Sunshield	$	5,423.00
10-7754	Traffisense AI 645 (45 deg Field of View) 30Hz, Includes Sunshield	$	5,423.00
10-7756	Traffisense AI 632 (32 deg Field of View) 30Hz, Includes Sunshield	$	5,423.00
10-7499AI	Premium Traffic Data License Fee for AI	$	1,766.00
10-7725	TI BPL3 interface - Power Line Interface - 16 outputs Interfaces & accessories	$	1,458.00
10-4675	4 I/O USB - Input Output Expansion Board (If more than 4 cameras needed in an intersection)	$	368.00
10-7085	TI BPL2 interface - Power Line Interface - 16 outputs	$	1,178.00
CNCIR008F1	Spare Connector - 8 pins - BPL2 - PoE	$	52.00

TOOL160620	Spare Wrench tool fo applting right torque to cable gland	$	16.00
10-7018	TI BPL2 Edge W/ BIU and SIU Interface SDLC Interface(supports up to 4 Cameras) (if SDLC needed)	$	1,458.00
10-7320	FLIR POE Interface	$	221.00
	FLUX Traffic Management System		
10-0076	FLUX Traffic Mgt Sytem 1 Server License (must ALWAYS add 10-150 and 10-160 to this?)	$	6,329.00
10-0150	FLUX Embedded Clustering LibraryLicense	$	405.00
10-0160	FLUX Embedded Database License	$	405.00
10-0125	FLUX 1 video Channel License for viewing Data Streaming	$	183.00
TBDQUE	Queue Length & Waiting Time License - for ramp metering applications (price per single video channel)		#N/A
	Acyclica 1 Yr Software Licenses and Modules (Per Location, Per Year)		
AC-SW_FLIR_VSO	Flir Detectors VSO (Vehicle Speed and Occupancy)1 yr License (Historical and Real Time, Images and Events)	$	221.00
AC-SW_VSO	NON-Flir Detectors VSO (Vehicle Speed and Occupancy as avaiable) 1 yr License	$	177.00
AC-SW_TRAVEL	Travel Time (Travel and Delay Time, O/D) 1 Yr License	$	663.00
0	Modules requiring Travel Time Basic Module	$	-
AC-SW_SIGNAL	Signal Timing Tools (Advance travel and Delay Time, progression Diagram, Speed by Segment, Timing Planning)	$	354.00
AC-SW_REPORT	Reporting Module (Route and segment Travel Time Distribution, Turning Movement Count)	$	354.00
AC-SW_PLAN	Planning Module Advanced O/D)	$	354.00
	Modules requiring Travel Time Basic Module AND FLIR VSO License		
AC-SW_ROUTE	Route Performance Measures	$	354.00
	Modules requiring Travel Time Basic Module AND Connection to Signal Phase Info		
AC-SW_INTERS	Intersection Performance Measures	$	354.00
	Module Bundle		
AC-SW_FLIR_SNSR	Flir Sensor Package (Flir VSO, Travel Time, Sinal Timing Tools, Reporting Module, Planning Module, Route Performance and intersection Performance)	$	2,296.00
AC-SRV_CELM_DS	Cellular Data Service 1 Yr	$	588.00
AC-SRV_VPN	Dedicated cloud VPN (price per client group per year)	$	5,887.00
	Acyclica 5 Yr Software Licenses and Modules (Per Location, 5 Years for price of 4)		
AC-SW_FLIR_VSO_5Y	Flir Detectors VSO (Vehicle Speed and Occupancy)5 yr License (Historical and Real Time, Images and Events)	$	883.00
AC-SW_VSO_5Y	NON-Flir Detectors VSO (Vehicle Speed and Occupancy as avaiable) 5 yr License	$	706.00
AC-SW_TRAVEL_5Y	Travel Time (Travel and Delay Time, O/D) 5 Yr License	$	2,649.00
	Modules requiring Travel Time Basic Module		
AC-SW_SIGNAL_5Y	Signal Timing Tools (Advance travel and Delay Time, progression Diagram, Speed by Segment, Timing Planning)	$	1,413.00
AC-SW_REPORT_5Y	Reporting Module (Route and segment Travel Time Distribution, Turning Movement Count)	$	1,413.00
AC-SW_PLAN_5Y	Planning Module Advanced O/D)	$	1,413.00
	Modules requiring Travel Time Basic Module AND FLIR VSO License		
AC-SW_ROUTE_5Y	Route Performance Measures	$	1,413.00
	Modules requiring Travel Time Basic Module AND Connection to Signal Phase Info		
AC-SW_INTERS_5Y	Intersection Performance Measures	$	1,413.00
	Module Bundle		
AC-SW_FLIR_SNSR_5Y	Flir Sensor Package (Flir VSO, Travel Time, Sinal Timing Tools, Reporting Module, Planning Module, Route Performance and intersection Performance)	$	9,184.00
AC-SRV_CELM_DS	Cellular Data Service Per Year	$	588.00
AC-SRV_VPN	Dedicated cloud VPN (price per client group per year)	$	5,887.00
	DA-400 and Software Bundles		
AC-DA400_SW_CONG	DA-400 5 Yr Congestion Package (Includes DA-400 with Power Cable only, Travel Time, Intersection Performance)(Must add Antenna and Harness and cell service if needed)		#N/A

AC-DA400_SW_ALL	DA-400 5 Yr All Package (Includes DA-400 with Power Cable only, Travel Time, Intersection Performance, Signal Timing, Reporting, Planning, Route Performance) (Must add Antenna and Harness and cell service if needed)		#N/A
	API Integration and Usage		
0	API Integration and Usage (Consult Flir for pricing	$	-
	FLIR Extended Warranty (3 Yr Standard)		
EW-ITS-1	1 additional Year Extended Warranty 7%, (5 Year Total Maximum) Add 1 to QTY)		7.00%
EW-ITS-2	2 Additional Year Extended Warranty 14%, (5 Year Total Maximum (Add 1 to QTY)		14.00%
	FLIR Installation Power Supplies and Wire		
SDR120-48	48 volt Power Supply	$	97.00
0	Din Rail	$	29.00
231518	IMSA 18/2 Wire Per Foot	$	0.24
	PTZ Cameras and Accessories		
CP-6408-21-I	4K IP Pan Tilt Zoom Camera (Pendant w/ IR LED)	$	3,242.00
CP-6302-31-P	Quasar Full HD Pan Tilt Zoom Camera (Pendant)	$	2,609.00
CP-6302-31-I	Quasar Full HD Pan Tilt Zoom Camera (Pendant w/ IR LED)	$	2,609.00
CX-POLE-G3	Pole Adapter for CX-xxx-G3 Mounts	$	78.59
CX-ELBX-G3	Wall Mount Bracket (1.5 " Threaded) W/ Enclosure	$	155.63
CX-GSNK-G3	Gooseneck Mount (1.5" Threaded) W/ Enclosure	$	470.81
CX-CRNR-G3	90° Exterior Angle Corner Adapterfor CX-XXXX-G3 Mounts	$	77.81
CX-POE-60W-US	US High Power POE Injector for Quasar CP-4221-301 Camera (100-240VAC Input)	$	234.21
	CTC Installation Labor (Per Hour)		
CTCINSTALL	Driving Time One Man and Pickup Truck ($120 for the Man, $60 for Truck)	$	180.00
CTCINSTALLLES	Time for Les Trammell and Pickup Truck ($175 for the Man, $60 for Truck)	$	235.00
CTCINSTALL	On Site Time One Man and Pickup Truck (2 Hr minimum including drive time)	$	180.00
CTCINSTALL	Second Man (Include Both Drive and On Site time)	$	180.00
CTCINSTALL	Second Man with a Pickup to be used as a Crash Truck (Use whenever a bucket truck is needed on a two lane or larger road) (Include Both Drive and On Site time)	$	180.00
CTCINSTALLBUC	Bucket Truck Upcharge (Include Both Drive and On Site Time)	$	75.00
CTCINSTALLINT	Intersection Turn on One Man 8 Hours Included (Add Drive Time and Air Hotel and ALL Travel Expenses if out tof town)	$	1,440.00
CTCINSTALLPOL	Polara Turn on One Man 3 Hours Included (Add Driving Time and Expenses)	$	540.00
CTCINSTALLOPT	Opticom Turn on One man 3 Hours Included (Add Driving Time and Expenses)	$	540.00
CTCINSTALLAPC	APC Turn on (Add Driving Time and Expenses)	$	180.00
CTCINSTALLFLR1	FLIR Turn on One Man - Need Contractor assistance to aim Heads 3 Hours Included (Add Driving Time and Expenses)	$	540.00
CTCINSTALLFLR2	FLIR Turn on Two Men and Bucket - If CTC Aims the heads, 3 Hours Included (Add Driving Time and Expenses)	$	1,305.00
CTCINSTALL	Mobilization Charge Per Hour (includes Site Survey and Line Locates)	$	180.00
CTCINSTALL	Equipment Rental	$	180.00
CTCINSTALL	Travel and Other Expenses (Hotel Air rent car meals etc.)	$	180.00

CITY OF CYPRESS

CITY COUNCIL REPORT

City Council Regular **5.**

FROM: Douglas Dancs, Director of Public Works

DATE: 03/25/2024

SUBJECT: **Award Contract for Veterans Park Pavilion Reconstruction, Project 368**

RECOMMENDATION

1. Award a contract to MDJ Management, LLC., for $171,994.78, and authorize a contingency of $25,800; and

2. Approve a $197,795 appropriation increase in the Recreation and Park District General Fund for the Veterans Park Picnic Pavilion Reconstruction, Project 368.

DISCUSSION

The Veterans Park picnic pavilion was originally built in 1997 and has not received any major repairs or modifications in over 25 years. The FY 2023-24 Capital Improvement Program includes a project in FY 2024-25 (Year Two) to replace the park's picnic pavilion and renovate or replace the restrooms. The pavilion has been closed to the public for several months due to its deteriorating condition, and Public Works has worked with Parks and Recreation to determine a solution. Public Works is proposing to move up the replacement of the picnic pavilion to the current fiscal year to minimize the duration of the closure. The renovation/replacement of the Veterans Park restrooms will remain in FY 2024-25 and will be programmed and budgeted accordingly.

Public Works is making use of Sourcewell ezIQC, an Indefinite Delivery, Indefinite Quantity (IDIQ) procurement process which are competitively-bid contracts awarded to contractors to perform the repair, alteration, modernization, and rehabilitation of infrastructure and facilities. Unlike traditional bidding where each project is scoped, designed, and put out to bid separately, ezIQC achieves competitively-bid pricing upfront and eliminates the need to separately bid each project, which is more efficient, simplifies the process, and produces faster response times from contractors. Sourcewell is a government cooperative that facilitates the competitive bidding process, and competitively solicits and awards cooperative purchasing contracts for use by federal, state and municipal agencies, K-12 and higher education entities, nonprofits, and tribal governments. Such cooperative purchasing agreements are allowed under Municipal Code Section 21A-10(e) and the California Government Code, enabling public entities to benefit from shared contracting efforts.

Sourcewell has contracted Gordian to administer the ezIQC program for Sourcewell members around the country. Through Gordian, Public Works can engage qualified contractors for general construction tasks. Gordian facilitated a comprehensive evaluation of the project site with Public Works and the contractor MDJ Management, LLC. After a thorough review of the project scope of work, MDJ Management submitted a proposal for $171,994.78 to reconstruct the picnic pavilion. This expedited procurement process was completed in just two weeks, which is significantly less time than the two months traditional bidding would likely have taken.

MDJ Management has completed similar projects for other local agencies in Southern California. Reconstruction of the picnic pavilion is scheduled to begin in late spring and reopen before the end of summer.

BUDGET IMPACT

One-time fund balance accumulations have been set-aside in the Recreation and Park District's General Fund for facility improvements and are available to pay the $197,795 needed for the recommended project.

LEGAL REVIEW

The City has previously utilized Sourcewell for the purchase of products but not for construction projects. As this would be the first construction project using cooperative purchasing, the City Attorney has reviewed the process, prepared the construction agreement which incorporates the contractor's proposal, and determined it is consistent with purchasing arrangements authorized by Municipal Code Section 21A-10(e).

Also, attached is the Sourcewell contract for master Indefinite Delivery-Indefinite Quantity Construction Contracts. The construction component included in the contract recommended for award is compliant with Sourcewell unit prices, including labor.

APPROVED BY: Peter Grant, City Manager

Attachments

Contract Agreement

Sourcewell Contract Agreement

CONTRACT AGREEMENT FORM FOR CONSTRUCTION SERVICES - ezIQC CONTRACTING

(TO BE EXECUTED AFTER CONTRACT AWARD)

AGREEMENT FOR CONSTRUCTION SERVICES (ezIQC CONTRACTING)
BETWEEN CITY OF CYPRESS AND
MDJ MANAGEMENT, LLC

FOR

VETERANS PARK PICNIC SHELTER RECONSTRUCTION, PROJECT 368

THIS AGREEMENT FOR CONSTRUCTION SERVICES ("**Agreement**") is made and entered into on March 25, 2024 ("**Effective Date**"), by and between the City of Cypress, a California municipal corporation and MDJ Management, LLC ("**Contractor**"). City and Contractor may be referred to, sometimes individually or collectively, as "**Party**" or "**Parties**." Contractor's State License Number is [License No.] and DIR Registration Number is [DIR No.]

AGREEMENT

I. SCOPE OF WORK

Contractor shall perform within the time set forth herein of this Agreement and shall furnish all labor, materials, equipment, tools, utility services, and transportation and perform and complete all work required in connection with the _____ ("Project") and as detailed in Exhibit A, "Quotation" attached hereto. In the event of a conflict between the Quotation and this Agreement, this Agreement shall control. The Project shall be performed and completed in a first class and workmanlike manner, with new and quality materials, under the supervision of and to the satisfaction of the City Engineer of the City of Cypress ("City Engineer").

Contractor promises and agrees that the Project shall be completed strictly in accordance with the Contract Documents, as defined below in Section XX, including but not limited to all plans and specifications, which are on file in the City Public Works Department.

The Contractor certifies and agrees that it is fully familiar with all of the terms, conditions and obligations of Contract Documents, the location of the job site, and the conditions under which the Project is to be performed based upon its investigation of all such matters.

The Contractor shall supervise and direct the work to complete the Project, using its best skill and attention, and shall be solely responsible for all construction means, methods, techniques, sequences and procedures. Unless otherwise noted, the Contractor shall be responsible for coordinating all portions of the Project, and the Contractor shall provide and pay for all labor, services, materials, installation, cartage, equipment, tools, construction equipment and machinery, water, heat, utilities, transportation, storage, taxes, insurance, and other facilities and services necessary for the proper execution of the work to complete the Project. The Contractor further promises and agrees that the materials used in the Project shall comply with the Contract Documents and be to the satisfaction of the City Engineer, and that the Contractor will timely complete the Project, and turn the Project over to the City, complete and ready for use, and discharged from all claims or demands on any and all materials, equipment and labor used or to be used in the Project.

As soon as possible under the provisions of this Agreement, the Contractor shall backfill all excavations and restore to usefulness, all improvements existing prior to the start of the work to complete the Project.

The Contractor also agrees that it shall be responsible for the acts and omissions of all of its employees and subcontractors, their agents and employees, and for all other persons performing any of the Project under a contract with the Contractor.

By entering into this Agreement, Contractor acknowledges there may be other contractors on the site whose work will be coordinated with that of its own. Contractor expressly warrants and agrees it will cooperate with other contractors and will do nothing to delay, hinder, or interfere with the work of other separate contractors, the City, or the utilities. Contractor also expressly agrees that, in the event its work is hindered, delayed, interfered with, or otherwise affected by a separate contractor, its sole remedy will be direct action against the separate contractor. To the extent allowed by law, the Contractor will have no remedy, and hereby expressly waives any remedy against the City, on account of delay, hindrance, interference, or other events caused by a separate contractor.

II. TIME FOR PROJECT COMPLETION

All of Contractor's work on the Project shall be completed within durations established for the individual activities as set forth in the Contract Documents. All work shall commence five (5) calendar days after receiving a written Notice to Proceed from the City. Contractor shall refer to Project plans and specifications, all of which, as set forth below, are incorporated herein by reference, for contractual obligations regarding individual activity durations. The aggregate sum total work of all bid items comprises the entire Project and shall be commenced and completed in conformance with the Project Schedule. The entire Project shall be completed within 60 working days.

The working hours are Monday thru Friday, with the exception of City Holidays, 7:00 a.m. to 5:00 p.m.

III. AGREEMENT SUM

City shall pay to Contractor for the performance of this Agreement, subject to any additions and deductions provided in the Contract Documents, the sum of $_____. Compensation paid to Contractor for the performance of this Agreement shall be consistent with the "Quotation" as set forth in Exhibit A and incorporated herein by reference. All costs of prosecuting the work under this Agreement for the completion of the Project shall be included in the Contractor's bid.

IV. RETENTION OF SECURITIES

Public Contract Code section 22300 permits the substitution of securities for any monies withheld by a public agency to ensure performance under a contract, at the request and expense of the

Contractor. Contractor shall notify City in writing of any election made under Public Contracts Code section 22300.

V. WARRANTY

The Contractor warrants that all of the work pursuant to this Agreement shall be done in a first class, workmanlike manner and in accordance with Contract Documents, with new and quality materials and warrants all work performed to complete the Project and materials against defect or deviation (the "Defect"), both in the material or the workmanship, for a period of ten (10) years from its completion of the Project as stated in the Quotation. If a Defect in the Project is latent, hidden or not readily observable, the Contractor's warranty shall be extended for ten (10) years from the date of discovery of the Defect. The Contractor will within a reasonable time after written notice of a Defect, remedy and repair the Defect and any related damage resulting from the Defect (without any expense to the City).

VI. INDEMNIFICATION

Contractor shall indemnify, defend with legal counsel approved by City, and hold harmless the City of Cypress and the City, their officers, officials, employees, and volunteers ("Indemnified Parties") from and against all claims for and actual liabilities, losses, damages, expenses, costs (including without limitation reasonable attorney's fees, expert fees, and all other costs and fees of litigation) of every nature relating to, arising out of or in connection with Contractor's, its officers, agents, employees, or subcontractors (or any agency or individual that Contractor shall bear the legal liability thereof) negligence, recklessness or willful misconduct in the performance of work on and/or connected with the Project or its failure to comply with any of its obligations contained in this Agreement, except such loss or damage which is caused by the sole or active negligence or willful misconduct of the Indemnified Parties. Should conflict of interest principles preclude a single attorney from representing both City and Contractor, or should City otherwise find Contractor's attorney unacceptable, then Contractor shall reimburse the City its costs of defense, including without limitation reasonable attorney's fees, expert fees, and all other costs and fees of litigation. The Contractor shall promptly pay any final judgment rendered against the Indemnified Parties with respect to claims determined by a trier of fact to have been the result of the Contractor's negligent, reckless, or wrongful act, omission or performance. It is expressly understood and agreed that the foregoing provisions are intended to be as broad and inclusive as is permitted by the law of the State of California and will survive termination of this Agreement.

Contractor's obligations under this section apply regardless of whether or not such claim, charge, damage, demand, action, proceeding, loss, stop notice, cost, expense, judgment, civil fine or penalty, or liability was caused in part or contributed to by Indemnified Parties. However, without affecting the rights of Indemnified Parties under any provision of this Agreement, Contractor shall not be required to indemnify and hold harmless Indemnified Parties for liability attributable to the sole or active negligence or willful misconduct of Indemnified Parties, provided such sole or active negligence or willful misconduct is determined by agreement between the parties or by the findings of a court of competent jurisdiction. In instances where Indemnified Parties are shown to have been solely or actively negligent or to have acted with willful misconduct and where Indemnified Parties' sole or active negligence or willful misconduct accounts for only a percentage of the

liability involved, the obligation of Contractor will be for that entire portion or percentage of liability not attributable to the sole or active negligence or willful misconduct of Indemnified Parties.

VII. PREVAILING WAGES

A. Wage rates for this Project shall be in accordance with the "General Wage Determination Made by the Director of Industrial Relations Pursuant to California Labor Code, Part 7, Chapter 1, Article 2, Sections 1770, 1773, and 1773.1", for Los Angeles County. The prevailing rate of per diem wages are on file at the City of Cypress, Public Works Department, 245 E Bonita Ave, Cypress CA 91773, and are available to any interested party on request. The Contractor is required to post at the job site the prevailing rate of per diem wages as determined by the Director of the Department of Industrial Relations and other notices prescribed by regulation. Wage rates shall conform with those posted at the Project site.

B. The following Labor Code sections are hereby referenced and made a part of this Agreement:

1. Section 1774 – Payment of General Prevailing Rate
2. Section 1775 - Penalty for Failure to Comply with Prevailing Wage Rates
3. Section 1777.4 - Apprenticeship Requirements
4. Section 1777.5 - Apprenticeship Requirements
5. Section 1813 - Penalty for Failure to Pay Overtime
6. Sections 1810 and 1811 - Working Hour Restrictions
7. Section 1776 - Payroll Records
8. Section 1773.8 - Travel and Subsistence Pay

VIII. FURNISHING RECORDS TO CITY

The Contractor also agrees to furnish, if and when required, payroll affidavits, receipts, vouchers, release for claims for labor, material and subcontractors performing the work required to complete the Project under the Agreement, all in a form satisfactory to the City, and the Contractor also agrees that no payment shall be made, except at City's option, unless any or all of the requested documents have been furnished to the City.

IX. RECORD AUDIT

In accordance with Government Code section 8546.7, records of both the City and the Contractor shall be subject to examination and audit by the Auditor General for a period of three (3) years after final payment.

X. PAYMENT SCHEDULE

Final payment, constituting the entire unpaid balance of the Agreement Sum, shall be paid by City to Contractor within xxxxxxx (xx) days after Project Completion, provided the work has then been

completed, the Agreement fully performed, and a final payment authorization has been issued by the Director of Public works

XI. CONTRACTOR'S FAILURE TO PROCURE COMPLETION OF PROJECT

The Contractor shall furnish all materials, tools, equipment and labor in the necessary quantity and quantity, and shall diligently prosecute the work contemplated by this Agreement to completion in a workmanlike manner.

In the event Contractor fails to furnish tools, equipment, or labor in the necessary quantity or quality, or fails to prosecute the work or any part thereof contemplated by this Agreement in a diligent and workmanlike manner, and if the Contractor for a period of three (3) calendar days after receipt of written demand from City or its designated representative to do so, fails to furnish tools, equipment, or labor in the necessary quantity or quality, or to prosecute its work and all parts thereof in a diligent and workmanlike manner, then the City may exclude the Contractor from the premises, or any portion thereof, and take possession of said premises or any portion thereof, together with all material and equipment thereon, and may complete the work contemplated by this Agreement or any portion of said work, either by furnishing the tools, equipment, labor or material necessary, or by letting the unfinished portion of said work, or the portion taken over by the City to another contractor or by a combination of such methods. In any event, the procuring of the completion of said work, or the portion thereof taken over by the City, shall be a charge against the Contractor, and may be deducted from any money due or becoming due to Contractor from City, or Contractor shall pay City the amount of said charge, or the portion thereof unsatisfied. The sureties, provided for under this Agreement, shall become liable for payment should Contractor fail to pay in full any said cost incurred by the City.

XII. INSURANCE

Prior to the beginning of and throughout the duration of the Project, Contractor and its subcontractors shall maintain insurance in conformance with the requirements set forth below. Contractor will use existing coverage to comply with these requirements. If that existing coverage does not meet the requirements set forth herein, Contractor agrees to amend, supplement or endorse the existing coverage to do so or to procure insurance coverage to satisfy the requirements.

Contractor acknowledges that the insurance coverage and policy limits set forth in this section constitute the minimum amount of coverage required. Any insurance proceeds available to Contractor or its subcontractors in excess of the limits and coverage identified in this Agreement and which is applicable to a given loss, claim or demand, will be equally available to City.

Without limiting Contractor’s indemnification of City and/or the Indemnified Parties and prior to commencement of the Project, Contractor shall obtain, provide, and maintain at its own expense during the term of this Agreement, policies of insurance of the type and amounts described below and in a form satisfactory to City.

General liability insurance. Contractor shall maintain commercial general liability insurance with coverage at least as broad as Insurance Services Office form CG 00 01, in an amount not less

than $1,000,000 per occurrence, $2,000,000 general aggregate, for bodily injury, personal injury, and property damage, and a $2,000,000 completed operations aggregate. The policy must include contractual liability that has not been amended. Any endorsement restricting standard ISO "insured contract" language will not be accepted.

Automobile liability insurance. Contractor shall maintain automobile insurance at least as broad as Insurance Services Office form CA 00 01 covering bodily injury and property damage for all activities of the Contractor arising out of or in connection with work to be performed under this Agreement, including coverage for any owned, hired, non-owned, or rented vehicles, in an amount not less than $1,000,000 combined single limit for each accident.

Workers' compensation insurance. Contractor shall maintain Workers' Compensation Insurance (Statutory Limits) and Employer's Liability Insurance (with limits of at least $1,000,000) for Contractor 's employees in accordance with the laws of the State of California, Section 3700 of the Labor Code In addition, Contractor shall require each subcontractor to similarly maintain Workers' Compensation Insurance and Employer's Liability Insurance in accordance with the laws of the State of California, Section 3700 for all of the subcontractor's employees.

Contractor shall submit to City, along with the certificate of insurance, a Waiver of Subrogation endorsement in favor of City, its officers, agents, employees, and volunteers.

Other provisions or requirements

Proof of insurance. Contractor shall provide certificates of insurance and required endorsements to City as evidence of the insurance coverage required herein. Insurance certificates and endorsements must be approved by City of Cypress's Risk Manager prior to commencement of performance. Current certification of insurance shall be kept on file with City for the contract period and any additional length of time required thereafter. City reserves the right to require complete, certified copies of all required insurance policies, at any time and Contractor agrees to provide the same.

Duration of coverage. Contractor shall procure and maintain for the contract period, and any additional length of time required thereafter, insurance against claims for injuries to persons or damages to property, or financial loss which may arise from or in connection with the performance of the work hereunder by Contractor, its agents, representatives, employees, subcontractors or subconsultants. Contractor must maintain general liability and umbrella or excess liability insurance for as long as there is a statutory exposure to completed operations claims. City and its officers, officials, employees, and agents shall continue as additional insureds under such policies.

Primary/noncontributing. Coverage provided by Contractor shall be primary and any insurance or self-insurance procured or maintained by City shall not be required to contribute with it. The limits of insurance required herein may be satisfied by a combination of primary and umbrella or excess insurance. Any umbrella or excess insurance shall contain or be endorsed to contain a provision that such coverage shall also apply on a primary and non-contributory basis for the

benefit of City before the City's own insurance or self- insurance shall be called upon to protect it as a named insured.

City's rights of enforcement. In the event any policy of insurance required under this Agreement does not comply with these requirements or is canceled and not replaced, City has the right but not the duty to obtain the insurance it deems necessary, and any premium paid by City will be promptly reimbursed by Contractor or City will withhold amounts sufficient to pay premium from Contractor payments. In the alternative, City may cancel this Agreement.

Acceptable insurers. All insurance policies shall be issued by an insurance company currently authorized by the Insurance Commissioner to transact business of insurance or is on the List of Approved Surplus Line Insurers in the State of California, with an assigned policyholders' Rating of A- (or higher) and Financial Size Category Class VII (or larger) in accordance with the latest edition of Best's Key Rating Guide, unless otherwise approved by the City of Cypress's Risk Manager.

Waiver of subrogation. All insurance coverage maintained or procured pursuant to this agreement shall be endorsed to waive subrogation against City, its elected or appointed officers, agents, officials, employees, and volunteers or shall specifically allow Contractor or others providing insurance evidence in compliance with these specifications to waive their right of recovery prior to a loss. Contractor hereby waives its own right of recovery against City and shall require similar written express waivers and insurance clauses from each of its subconsultants.

Enforcement of contract provisions (non estoppel). Contractor acknowledges and agrees that any actual or alleged failure on the part of the City to inform Contractor of non-compliance with any requirement imposes no additional obligations on the City nor does it waive any rights hereunder.

Requirements not limiting. Requirements of specific coverage features or limits contained in this Section are not intended as a limitation on coverage, limits or other requirements, or a waiver of any coverage normally provided by any insurance. Specific reference to a given coverage feature is for purposes of clarification only as it pertains to a given issue and is not intended by any party or insured to be all inclusive, or to the exclusion of other coverage, or a waiver of any type. If the Contractor maintains higher limits than the minimums shown above, the City requires and shall be entitled to coverage for the higher limits maintained by the Contractor. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the City.

Notice of cancellation. Contractor agrees to oblige its insurance agent or broker and insurers to provide the City with a thirty (30) day notice of cancellation (except for nonpayment for which a ten (10) day notice is required) or nonrenewal of coverage for each required coverage. If any of the Contractor's insurers are unwilling to provide such notice, then Contractor shall have the responsibility of notifying the City immediately in the event of Contractor's failure to renew any of the required insurance coverages, or insurer's cancellation or non-renewal.

Additional insured status. General liability, automobile liability, and umbrella/excess liability insurance policies shall provide or be endorsed to provide that City and its officers, officials, employees, agents, and volunteers shall be additional insureds under such policies.

XIII. CONTRACTOR'S LICENSE

Contractor must possess at the time of commencing work and throughout the Project duration, a valid Contractor's License, issued by the State of California, which is current and in good standing. **Contractor's State License No. is _____, Class _____.** Contractor shall ensure that any subcontractor working on the Project possesses at the time of commencing work and throughout the Project duration, a valid Contractor's License, issued by the State of California, which is current and in good standing.

XIV. REGISTRATION REQUIREMENTS [Applicable to Public Works projects]

Pursuant to Section 1771.1(a) of the Labor Code:

"A contractor or subcontractor shall not be qualified to bid on, be listed in a bid proposal, subject to the requirements of Section 4104 of the Public Contract Code, or engage in the performance of any contract for public work, as defined in this chapter, unless currently registered and qualified to perform public work pursuant to Section 1725.5. It is not a violation of this section for an unregistered contractor to submit a bid that is authorized by Section 7029.1 of the Business and Professions Code or by Section 10164 or 20103.5 of the Public Contract Code, provided the contractor is registered to perform public work pursuant to Section 1725.5 at the time the contract is awarded."

Contractor must be registered with the Department of Industrial Relations (DIR) of the State of California in order to be eligible to work on public works projects. Contractor must ensure registration with the DIR is active and in good standing.

No contractor or subcontractor may be listed on a bid proposal for a public works project (submitted on or after March 1, 2015) unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5 [with limited exceptions from this requirement for bid purposes only under Labor Code section 1771.1(a)].

No contractor or subcontractor may be awarded a contract for public work on a public works project (awarded on or after April 1, 2015) unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5.

This project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

The Contractor is not subject to public works requirements (including registration with the DIR) if the public works project is under $1,000, unless the City knows that the same Contractor will be awarded total project costs in excess of $1,000 for a given year.

XV. COMPLIANCE WITH STATUTES AND REGULATIONS

Contractor will be knowledgeable of and shall comply with all applicable federal, state, local, county, and city statutes, rules, regulations, ordinances, and orders relating to the manner of doing the work under the Agreement or to the materials supplied therein.

XVI. PROVISIONS REQUIRED BY LAW

Each and every provision of law and clause required by law to be inserted in this Agreement shall be deemed to be inserted herein and the Agreement shall be read and enforced as though it were included herein, and if through mistake or otherwise any such provision is not inserted, or is not currently inserted, then upon application of either party, the Agreement shall forthwith be physically amended to make such insertion or correction.

XVII. SUBSURFACE HAZARDOUS MATERIALS

A. In the event trenches or other excavations extend deeper than four (4) feet below the surface, Contractor shall promptly, and before the following conditions are disturbed, notify City in writing of any:

   1. Material that Contractor believes may be hazardous waste, as defined in Section 25117 of the Health and Safety Code, that is required to be removed to a Class I, Class II, or Class III disposal site in accordance with the provisions of existing law.
   2. Subsurface or latent physical conditions at the site differing from those indicated.
   3. Unknown physical conditions at the site of any unusual nature, different materially from those ordinarily encountered and generally recognized as inherent in the Project or the character provided for in the Agreement.

B. Upon receipt of said notification, City will investigate the conditions, and if it finds that the conditions do materially so differ, or do involve hazardous waste, and cause a decrease or increase in the Contractor's cost of or the time required for performance of any part of the Project, the City will issue a change order under the procedures described in the Contract Documents.

C. In the event a dispute arises between the City and the Contractor whether the conditions materially differ, or involve hazardous waste or cause a decrease or increase in the Contractor's cost of or time required for performance of any part of the Project, the Contractor shall not be excused from any scheduled completion date provided for by the Agreement, but shall proceed with all work to be performed under the Agreement. Contractor shall retain any and all rights provided either by agreement or by law which pertain to the resolution of disputes and protests between the contracting parties.

XVIII. LIQUIDATED DAMAGES

Pursuant to Government Code section 53069.85, if work is not completed within durations established for the individual activities as set forth in the Project Schedule, it is understood,

acknowledged, and agreed City will suffer damage. It is therefore agreed that Contractor shall pay to City the sum of **$250.00** for each and every calendar day of delay beyond any completion schedule, construction schedule, or Project milestones established in or pursuant to the Project Schedule, or beyond the time indicated in the Project Schedule for any individual Project activity.

Contractor expressly understands, acknowledges, and agrees that such liquidated damages can and shall be imposed if the Contractor does not meet each and every aspect of any activity schedule, completion schedule, construction schedule, or Project milestones established in or pursuant to the Project Schedule. If the City accepts work or makes any payment under this Agreement after a default by reason of delays, the acceptance of such work and/or payment(s) shall in no respect constitute a waiver or modification of any provisions regarding a completion schedule, the Project Schedule or the accrual of liquidated damages. In the event the same is not paid, Contractor further agrees that City may deduct the amount thereof from any money due or that may become due the Contractor under the Agreement. This article does not exclude recovery of damages under provisions of the Agreement and is expressly in addition to the City's ability to seek other damages.

Contractor is to refer to Contract Documents for duration of individual activities. Liquidated damages may be assessed if any individual activity duration exceeds the time indicated for that activity in the Contract Documents, unless the time for such activity has been extended by mutual agreement of the parties and confirmed in writing.

XIX. CLAIM PROCEDURES UNDER PUBLIC CONTRACT CODE SECTION 9204

Contractor shall comply with the procedure set forth in Public Contracts Code section 9204 for any claim, as that term is defined therein, for one or more of the following: 1) a time extension, including, without limitation, for relief from damages or penalties for delay; 2) payment of money or damages arising from work done pursuant to this Agreement; and/or 3) payment of an amount disputed by the City under this Agreement.

XX. COMPONENT PARTS OF THE AGREEMENT

This Agreement entered into consists of the following documents (collectively, the "Contract Documents"), all of which are component parts of the Agreement as if herein set out in full or attached hereto: Contractor Quotation attached hereto as Exhibit "A".

Those documents listed in Section 1-2 of the "Greenbook" Standard Specifications for Public Works Construction combined with all of the above-named documents are included as Contract Documents and are intended to be complementary. Work required any of the above-named contract documents and not by others shall be done as if required by all.

XXI. PROHIBITION AGAINST ASSIGNMENT

The Contractor may upon reasonable advance Notice to the City assign its rights to receive payment under this Agreement, provided the Contractor also provides to the City the consent of the surety to such assignment. The Contractor may not assign or delegate its duties under this Agreement, without the prior written consent of the City, which the City may not unreasonably

withhold or delay. For purposes of this Agreement, assignment shall include any change of control, whether by merger, acquisition or otherwise, of Contractor or any of Contractor's corporate parents. Any assignment in violation of the assignment provisions herein shall be ineffective to relieve Contractor of its responsibility to complete the Project. Should the City consent to any such assignment by the Contractor, the consent shall not constitute a waiver of any other restrictions of assignment under the Agreement and the same restrictions on assignment shall apply to each successive assignment, if any.

XXII. CALIFORNIA LAW

This Agreement shall be interpreted, construed and governed both as to validity and to performance of the parties in accordance with the laws of the State of California. Legal actions concerning any dispute, claim or matter arising out of or in relation to this Agreement shall be instituted in the Superior Court of the County of Orange, State of California, or any other appropriate court in such county, and Contractor covenants and agrees to submit to the personal jurisdiction of such court in the event of such action.

XXIII. CORPORATE AUTHORITY

The persons executing this Agreement on behalf of the parties hereto warrant that (i) such party is duly organized and existing, (ii) they are duly authorized to execute and deliver this Agreement on behalf of said party, (iii) by so executing this Agreement, such party is formally bound to the provisions of this Agreement, and (iv) the entering into this Agreement does not violate any provision of any other Agreement to which said party is bound. This Agreement shall be binding upon the heirs, executors, administrators, successors and assigns of the parties.

XXIV. ENTIRE AGREEMENT

This Agreement constitutes the entire agreement of the parties. No other agreements or contracts, whether oral or written, pertaining to the work to be performed, exists between the parties. This Agreement can be modified only by an amendment in writing, signed by both parties.

[**SIGNATURES ON FOLLOWING PAGE**]

IN WITNESS WHEREOF, the parties hereto have executed this Agreement on the date and year first-above written.

CITY:

CITY OF CYPRESS

By: _____
Peter Grant, City Manager

ATTEST:

_____
Alisha Farnell, City Clerk

APPROVED AS TO FORM:

_____
Fred Galante, City Attorney

CONTRACTOR:**

_____

By: _____
Authorized Representative

_____
Title

By: _____
Authorized Representative

_____
Title

Address: _____
_____
Phone: _____
Fax: _____
Email: _____

***Two corporate officer signatures required when Contractor is a corporation, with one signature required from each of the following groups: 1) Chairman of the Board, President or any Vice President; and 2) Secretary, any Assistant Secretary, Chief Financial Officer or any Assistant Treasurer. CONTRACTOR'S SIGNATURES SHALL BE DULY NOTARIZED, AND APPROPRIATE ATTESTATIONS SHALL BE INCLUDED AS MAY BE REQUIRED BY THE BYLAWS, ARTICLES OF INCORPORATION, OR OTHER RULES OR REGULATIONS APPLICABLE TO CONTRACTOR'S BUSINESS ENTITY.*

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the

STATE OF CALIFORNIA

COUNTY OF ORANGE

On _____, 202_ before me, _____, personally appeared _____, proved to me on the basis of satisfactory evidence to be the person(s) whose names(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.
Signature: _____

OPTIONAL

Though the data below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent reattachment of this form

CAPACITY CLAIMED BY SIGNER

- ☐ INDIVIDUAL
- ☐ CORPORATE OFFICER

_____
TITLE(S)

- ☐ PARTNER(S) ☐ LIMITED ☐ GENERAL
- ☐ ATTORNEY-IN-FACT
- ☐ TRUSTEE(S)
- ☐ GUARDIAN/CONSERVATOR
- ☐ OTHER_____

_____

SIGNER IS REPRESENTING:
(NAME OF PERSON(S) OR ENTITY(IES))

_____
_____

DESCRIPTION OF ATTACHED DOCUMENT

_____
TITLE OR TYPE OF DOCUMENT

_____
NUMBER OF PAGES

_____
DATE OF DOCUMENT

_____
SIGNER(S) OTHER THAN NAMED ABOVE

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the

STATE OF CALIFORNIA

COUNTY OF ORANGE

On _____, 202_ before me, _____, personally appeared _____, proved to me on the basis of satisfactory evidence to be the person(s) whose names(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature: _____

OPTIONAL

Though the data below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent reattachment of this form

CAPACITY CLAIMED BY SIGNER

- ☐ INDIVIDUAL
- ☐ CORPORATE OFFICER

_____
TITLE(S)

- ☐ PARTNER(S) ☐ LIMITED ☐ GENERAL
- ☐ ATTORNEY-IN-FACT
- ☐ TRUSTEE(S)
- ☐ GUARDIAN/CONSERVATOR
- ☐ OTHER_____

_____

SIGNER IS REPRESENTING:
(NAME OF PERSON(S) OR ENTITY(IES))

_____
_____

DESCRIPTION OF ATTACHED DOCUMENT

_____
TITLE OR TYPE OF DOCUMENT

_____
NUMBER OF PAGES

_____
DATE OF DOCUMENT

_____
SIGNER(S) OTHER THAN NAMED ABOVE

EXHIBIT “A”

QUOTATION FROM CONTRACTOR

Work Order Signature Document

EZIQC Contract No.: CA-R8-GB-101723-MDJ

[X] **New Work Order** [ ] **Modify an Existing Work Order**

Work Order Number.: 125990.00 Work Order Date: 03/07/2024

Work Order Title: City of Cypress-Veterans Park Picnic Pavilion

Owner Name:	City of Cypress	Contractor Name:	MDJ Management
Contact:	Nick Mangkalakiri	Contact:	Matt McMillon
Phone:	(714) 229-6729	Phone:	310-490-1521

Work to be Performed

Work to be performed as per the Final Detailed Scope of Work Attached and as per the terms and conditions of Sourcewell EZIQC Contract No CA-R8-GB-101723-MDJ.

Brief Work Order Description:

Demo and rebuild picnic pavilion

Time of Performance Estimated Start Date:

Estimated Completion Date:

Liquidated Damages Will apply: [ ] Will not apply: [X]

Work Order Firm Fixed Price: $171,994.78

Owner Purchase Order Number:

Approvals

City of Cypress Date

Contractor Date

Detailed Scope of Work

To: Matt McMillon
MDJ Management
531 Main St #611
El Segundo, CA 90245
310-490-1521

From: Nick Mangkalakiri
City of Cypress
5275 Orange Avenue
CYPRESS, CA 90630
(714) 229-6729

Date Printed: March 07, 2024

Work Order Number: 125990.00

Work Order Title: City of Cypress-Veterans Park Picnic Pavilion

Brief Scope: Demo and rebuild picnic pavilion

☐ **Preliminary**	☐ **Revised**	☒ **Final**

The following items detail the scope of work as discussed at the site. All requirements necessary to accomplish the items set forth below shall be considered part of this scope of work.

See attached

Subject to the terms and conditions of ezIQC Contract **CA-R8-GB-101723-MDJ**.

Contractor _____ Date _____

City of Cypress _____ Date _____

MDJ Management, LLC
License # 1044711
DIR # 1000061313
531 Main St. #611 El Segundo CA 90245
310-490-1521

Job Name: Veterans Park Picnic Pavilion Rebuild
Location: 4554 Avenida Granada Cypress, CA 90630
Customer: City of Cypress

Submission Date: 3/5/24

Detailed Scope of Work

Demolition

- Installation of temporary fencing with cloth panels around worksite
- Protection of existing columns, island with sink, and picnic tables
- Removal of picnic tables as needed for scissor lift access
- Removal of existing concrete roofing tiles and plywood sheeting
- Removal of existing 2x6 T&G decking
- Removal of all wood rafters, beams, and posts
    - Includes all connectors
- Removal of existing column caps embedded into grout of existing columns
    - Chip out grout to expose embedded cap support

New Framing

- Rebuild structure per plans provided
- Install new column caps using Sika Grout 428 FS or approved equal to adhere to existing grout
- Addition of Simpson A35 to rafter connectors
    - Not in plans

Staining and Painting

- All exposed wood members to be stained
    - Power washed, cleaned, and sanded as needed for preparation
    - Stained per plans provided
- All flashing and framing connectors to be painted
    - Vista paint #13 Sandalwood semi gloss
- Paint all existing stucco
    - Vista paint #53 Nu Navajo semi-gloss

Roofing

- Install (2) two layers of 30# ASTM American made felt underlayment per manufacturer's specification
- Install new 2”x4” treated wood nailers at all hips and ridges
- Install new 1”x2” Elevated batten system over new underlayment and mechanically fasten into place
- Install new 2”x4” kynar finished drip edge metal at eaves per manufacturer's specification
- Install new eave riser metal per manufacturer’s specifications
- Install Standard weight Eagle concrete tile Belair #4520 “Weathered Terra cotta flashed” tile per plans and manufacturer’s specs
    - Each tile to have a corrosion resistant fastener attached to wood battens per manufacturer’s recommendations
- Install Hip, and Rake tile to match field tile per specifications
- Clean up and haul away all roofing debris associated with new roof installation
- Roof to have Eagle Tiles standard Manufacturers warranty on material
- Roofer to furnish a two (2) year warranty against leaking due to workmanship per specifications

Notes:

- Any additional add on items will be at the request of Customer. Any adjustment shall be an additional cost.
- Price includes all labor (**Normal Working Hours - Prevailing Wage**), materials, equipment to complete this scope of work.
- Asbestos and Lead Report not included in plans
    - If area is found to be contaminated additional costs to be incurred

CLARIFICATIONS AND EXCLUSIONS:

- Warranty
    - One year warranty against workmanship
    - Manufacturer's warranty varies
- We exclude plans, permits, permit fees, related fees, testing and/or testing fees, inspection fees, survey or survey fees, and engineering fees unless specified above
- We exclude utilities and hazardous or contaminated material
- Construction water, power, and sanitary facilities available on site for MDJ’s use at no cost
- We exclude premium time unless specified above
- We exclude anything not specifically mentioned above
- MDJ reserves the right to review, change, and/or delete any provisions of any prime contract or subcontract, which results from this quotation
- All terms to be net 30 days in full upon receipt of invoice. Interest will be charged at the rate of 2% monthly on the unpaid balance.

BID PRICE: See Price Proposal

All work to be completed in a substantial and workmanlike manner according to standard practices for the sum of **See Price Proposal.** Any additional add on items will be at the request of Customer. Any adjustment shall be an additional cost.

Bid price is good for thirty (30) days only.

Any controversy or claim based on, arising out of, or relating to this agreement, or breach thereof, including any claim based on the work performed pursuant to this agreement, shall be submitted to the American Arbitration Association for binding arbitration in accordance with its rules. If any arbitration, legal action is brought to enforce this agreement, or arising out of or relating to the agreement, the prevailing party shall be entitled to recover from the non-prevailing party reasonable attorney fees and costs incurred, in addition to any and all other relief to which that party may be entitled.

Submitted by:



Matthew McMillon
President MDJ
310.490.1521
matt@buildwithmdj.com

Contractor's Price Proposal - Summary

Date: March 07, 2024

Re:

IQC Master Contract #:	CA-R8-GB-101723-MDJ
Work Order #:	125990.00
Owner PO #:	
Title:	City of Cypress-Veterans Park Picnic Pavilion
Contractor:	MDJ Management
Proposal Value:	$171,994.78

Framing	**$57,070.23**
General	**$50,495.17**
Roofing	**$48,290.51**
Staining and Painting	**$16,138.87**
Proposal Total	**$171,994.78**

Thisl total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding.

The Percentage of NPP on this Proposal: %

Contractor's Price Proposal - Detail

Date: March 07, 2024

Re:

IQC Master Contract #:	CA-R8-GB-101723-MDJ
Work Order #:	125990.00
Owner PO #:	
Title:	City of Cypress-Veterans Park Picnic Pavilion
Contractor:	MDJ Management
Proposal Value:	$171,994.78

Record	Section - Item	Modifier	UOM	Description	Line Total
Category - Framing					
1	01 22 20 00-0027		HR	LaborerFor tasks not included in the Construction Task Catalog® and as directed by owner only.	$1,226.82
				Quantity x Unit Price x Factor = Total	
				Installation 12.00 x $88.90 x 1.1500 = $1,226.82	
				1 guy 1 hour per Colum Cap removal. Chip out existing column cap embedded into grout.	
2	03 01 30 71-0032		BAG	Sika Grout 212, 50 LB BagSikaGrout 212 is a non-shrink, cementitious grout with a unique 2-stage shrinkage compensating mechanism. It is non-metallic and contains no chloride. Coverage: Approximately 0.44 cu. ft./bag at high flow.	$3,191.39
				Quantity x Unit Price x Factor = Total	
				Installation 24.00 x $115.63 x 1.1500 = $3,191.39	
				sika grout per plans to install new Column Caps per clients request	
3	03 MO D0 00-0170	0170	BAG	For >25 To 50, Add	$436.36
				Quantity x Unit Price x Factor = Total	
				Installation 24.00 x $15.81 x 1.1500 = $436.36	
4	06 05 23 00-0008		EA	1-7/16" x 4-1/2", 18 Gauge, Galvanized Framing Angle Anchor (Simpson Strong Tie® A35)	$658.72
				Quantity x Unit Price x Factor = Total	
				Installation 80.00 x $7.16 x 1.1500 = $658.72	
				For beam and rafter connections. 2 brackets per connection. 40 connections	
5	06 05 23 00-0044		EA	14 Gauge, Galvanized Joist Hanger, For 4" x 10" To 4" x 14" Joist, Also Acceptable For Beam Hangers (Simpson Strong Tie® HUS412)	$1,005.10
				Quantity x Unit Price x Factor = Total	
				Installation 40.00 x $21.85 x 1.1500 = $1,005.10	
				for rafters per plan. 40 rafters	
6	06 05 23 00-0083		EA	6" Beam, 6" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC66)	$2,767.31
				Quantity x Unit Price x Factor = Total	
				Installation 12.00 x $200.53 x 1.1500 = $2,767.31	
				Column Caps per plans	
7	06 05 23 00-0131		EA	1/2" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	$1,265.37
				Quantity x Unit Price x Factor = Total	
				Installation 52.00 x $21.16 x 1.1500 = $1,265.37	
				For beam, rafter, post connections. 4 per connection, 13 connections points.	
8	06 05 23 00-0198		EA	3/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	$18.58
				Quantity x Unit Price x Factor = Total	
				Installation 1.00 x $16.16 x 1.1500 = $18.58	
				For beam, rafter, post connections. 4 per connection	
9	06 05 23 00-0296		EA	1-1/4" Wide x 22" Long, 16 Gauge, Galvanized Strap Tie (Simpson Strong Tie® ST22)	$204.52
				Quantity x Unit Price x Factor = Total	
				Installation 26.00 x $6.84 x 1.1500 = $204.52	
				Hip straps per plans	

Contractor's Price Proposal - Detail Continues..

Work Order Number: 125990.00
Work Order Title: City of Cypress-Veterans Park Picnic Pavilion

Record	Section - Item	Modifier	UOM	Description	Line Total
Category - Framing					
10	06 05 23 00-0301		EA	2-1/16" Wide x 37" Long, 12 Gauge, Galvanized Medium Strap Tie (Simpson Strong Tie® MST37)	$147.02
				Quantity x Unit Price x Factor = Total	
				Installation 8.00 x $15.98 x 1.1500 = $147.02	
				Interior beam to beam straps per plans	
11	06 11 16 00-0090		LF	2" x 6" Redwood, Con Heart/Smooth	$26,656.08
				Quantity x Unit Price x Factor = Total	
				Installation 2,640.00 x $7.06 x 1.1500 = $21,434.16	
				Demolition 2,640.00 x $1.72 x 1.1500 = $5,221.92	
				2x6 T & G per plans. 1500 sqft of T&G	
12	06 13 23 00-0005		LF	4" x 6", Pine, Heavy Timber Beam	$3,289.92
				Quantity x Unit Price x Factor = Total	
				Installation 320.00 x $7.07 x 1.1500 = $2,601.76	
				Demolition 320.00 x $1.87 x 1.1500 = $688.16	
				members per plans (14) @ 8' (8) @ 16' (4) @ 20'	
13	06 13 23 00-0006		LF	4" x 8", Pine, Heavy Timber Beam	$1,653.47
				Quantity x Unit Price x Factor = Total	
				Installation 140.00 x $8.32 x 1.1500 = $1,339.52	
				Demolition 140.00 x $1.95 x 1.1500 = $313.95	
				members per plans (12) @ 10' (4) @ 5'	
14	06 13 23 00-0058		LF	6" x 6", Pine, Heavy Timber Column	$187.45
				Quantity x Unit Price x Factor = Total	
				Installation 20.00 x $7.09 x 1.1500 = $163.07	
				Demolition 20.00 x $1.06 x 1.1500 = $24.38	
				members per plans (4) @ 5'	
15	06 16 33 00-0003		SF	3/8" Thick CDX Plywood Roof DeckingApplied to wood rafters.	$3,174.00
				Quantity x Unit Price x Factor = Total	
				Installation 1,200.00 x $1.79 x 1.1500 = $2,470.20	
				Demolition 1,200.00 x $0.51 x 1.1500 = $703.80	
				3/8" decking per plans	
16	06 MO D0 00-0006	0006	SF	For Exterior CC Grade Plywood, Add	$124.20
				Quantity x Unit Price x Factor = Total	
				Installation 1,200.00 x $0.09 x 1.1500 = $124.20	
17	06 18 13 00-0036		LF	6-3/4" x 12" Glue Laminated Straight Beam	$11,063.92
				Quantity x Unit Price x Factor = Total	
				Installation 224.00 x $31.95 x 1.1500 = $8,230.32	
				Demolition 224.00 x $11.00 x 1.1500 = $2,833.60	
				GLBs per plans (4) @ 16' (8) @ 20'	
Subtotal for Category - Framing:					**$57,070.23**
Category - General					

Contractor's Price Proposal - Detail Continues..

Work Order Number: 125990.00
Work Order Title: City of Cypress-Veterans Park Picnic Pavilion

Record	Section - Item	Modifier	UOM	Description	Line Total
Category - General					
18	01 22 16 00-0002		EA	Reimbursable FeesReimbursable Fees will be paid to the contractor for eligible costs as directed by Owner. Insert the appropriate quantity to adjust the base cost to the actual Reimbursable Fee. If there are multiple Reimbursable Fees, list each one separately and add a comment in the "note" block to identify the Reimbursable Fee (e.g. sidewalk closure, road cut, various permits, extended warranty, expedited shipping costs, etc.). A copy of each receipt, invoice, or proof of payment shall be submitted with the Price Proposal.	$3,701.50
				Quantity Unit Price Factor Total	
				Installation 3,365.00 x $1.00 x 1.1000 = $3,701.50	
				Bond = $168,293 x 2%	
19	01 22 20 00-0006		HR	CarpenterFor tasks not included in the Construction Task Catalog® and as directed by owner only.	$18,263.84
				Quantity Unit Price Factor Total	
				Installation 160.00 x $99.26 x 1.1500 = $18,263.84	
				4 guys 2 hours a day for 1 month - lost time for mobilization and demobilzation due to size/length of members, working around existing columns and tables, and going up/down in scissor/man lifts as well as notching beams and rafters per plans.	
20	01 22 20 00-0027		HR	LaborerFor tasks not included in the Construction Task Catalog® and as directed by owner only.	$1,635.76
				Quantity Unit Price Factor Total	
				Installation 16.00 x $88.90 x 1.1500 = $1,635.76	
				2 guys one day. Remove existing picnic tables to provide access for scissor lift. Apply protection around all existing columns, island with sink, and remaining picnic tables per clients request.	
21	01 22 23 00-0027		MO	45' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	$7,277.45
				Quantity Unit Price Factor Total	
				Installation 2.00 x $3,164.11 x 1.1500 = $7,277.45	
				1 man lift to reach top of structure and due to slope of roofing for framing install as well as roofing install	
22	01 22 23 00-0073		MO	25' Engine Powered, Scissor Platform Lift	$4,745.22
				Quantity Unit Price Factor Total	
				Installation 2.00 x $2,063.14 x 1.1500 = $4,745.22	
				2 scissor lifts required due to size and length of beams and rafters.	
23	01 56 16 00-0002		SF	6 Mil, Plastic Sheeting, Applied To Floors	$3,146.40
				Quantity Unit Price Factor Total	
				Installation 7,200.00 x $0.38 x 1.1500 = $3,146.40	
				for protection of existing surfaces (concrete, island, tables, ...) 60' x 60' area to be covered. plan on removal and reapplication once.	
24	01 56 16 00-0003		SF	6 Mil, Plastic Sheeting, Applied To Walls	$428.26
				Quantity Unit Price Factor Total	
				Installation 760.00 x $0.49 x 1.1500 = $428.26	
				for protection of existing surfaces (columns, island, ...) 672 sqft of columns, 88 sqft of island. remove and replace once.	
25	01 56 26 00-0034		EA	10' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months	$546.78
				Quantity Unit Price Factor Total	
				Installation 1.00 x $475.46 x 1.1500 = $546.78	
				temp fencing	
26	01 MO D0 00-0082	0082	EA	For Each LF Shade Cloth, Add	$65.19
				Quantity Unit Price Factor Total	
				Installation 1.00 x $56.69 x 1.1500 = $65.19	

Contractor's Price Proposal - Detail Continues..

Work Order Number: 125990.00
Work Order Title: City of Cypress-Veterans Park Picnic Pavilion

Record	Section - Item	Modifier	UOM	Description	Line Total
Category - General					
27	01 56 26 00-0143		LF	Temporary 6' High Chain Link Fence Panels (Portable), Up To 6 Months	$4,565.50
				Quantity x Unit Price x Factor = Total	
			Installation	500.00 x $7.94 x 1.1500 = $4,565.50	
				temp fencing	
28	01 MO D0 00-0072	0072	LF	For Each LF Shade Cloth, Add	$879.75
				Quantity x Unit Price x Factor = Total	
			Installation	300.00 x $2.55 x 1.1500 = $879.75	
29	01 56 26 00-0158		BAG	Temporary Chain Link Fence Panels (Portable) SandbagIncludes placement and removal.	$1,099.63
				Quantity x Unit Price x Factor = Total	
			Installation	140.00 x $6.83 x 1.1500 = $1,099.63	
				temp fencing	
30	01 74 19 00-0016		EA	40 CY Dumpster (5 Ton) "Construction Debris"Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	$4,139.89
				Quantity x Unit Price x Factor = Total	
			Installation	5.00 x $719.98 x 1.1500 = $4,139.89	
				for debris	
Subtotal for Category - General:					**$50,495.17**
Category - Roofing					
31	06 11 16 00-0194		LF	2" x 4" Pressure Treated Lumber, For Roofing Nailers	$610.19
				Quantity x Unit Price x Factor = Total	
			Installation	140.00 x $2.98 x 1.1500 = $479.78	
			Demolition	140.00 x $0.81 x 1.1500 = $130.41	
				nailers per manufacturers specs. (4) 15' runs (8) 10' runs	
32	07 32 16 00-0002		SQ	13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Earthtone Colors, Corrugated	$24,697.17
				Quantity x Unit Price x Factor = Total	
			Installation	15.00 x $1,053.92 x 1.1500 = $18,180.12	
			Demolition	15.00 x $377.80 x 1.1500 = $6,517.05	
				remove existing and installation of new concrete tile roof shingles	
33	07 MO D0 00-0071	0071	SQ	For Steep Roof, Over 7 To 12, Add	$4,171.40
				Quantity x Unit Price x Factor = Total	
			Installation	15.00 x $241.82 x 1.1500 = $4,171.40	
34	07 32 16 00-0007		EA	Ridge And Hip, 10" X 16-1/2", 8 LB Each For Concrete Tile Roof	$555.31
				Quantity x Unit Price x Factor = Total	
			Installation	96.00 x $5.03 x 1.1500 = $555.31	
				for roofing 80 LF	
35	07 MO D0 00-0071	0071	EA	For Steep Roof, Over 7 To 12, Add	$0.00
				Quantity x Unit Price x Factor = Total	
			Installation	96.00 x $0.00 x 1.1500 = $0.00	
36	07 32 16 00-0008		EA	Rake, 6-1/2" X 16-3/4", 9 LB Each For Concrete Tile Roof	$609.04
				Quantity x Unit Price x Factor = Total	
			Installation	160.00 x $3.31 x 1.1500 = $609.04	
				for roofing 80 LF	

Work Order Number: 125990.00
Work Order Title: City of Cypress-Veterans Park Picnic Pavilion

Record	Section - Item	Modifier	UOM	Description	Line Total
Category - Roofing					
37	07 MO D0 00-0071	0071	EA	For Steep Roof, Over 7 To 12, Add	$0.00
				Installation — Quantity 160.00 x Unit Price $0.00 x Factor 1.1500 = Total $0.00	
38	07 32 16 00-0009		EA	Mansard Hip, 10" X 16-1/2", 9.2 LB Each For Concrete Tile Roof	$23.00
				Installation — Quantity 4.00 x Unit Price $5.00 x Factor 1.1500 = Total $23.00	
				for roofing corners	
39	07 32 16 00-0011		EA	3 Or 4 Way Apex, 10" Each Side, 11.5 LB Each For Concrete Tile Roof	$6.85
				Installation — Quantity 1.00 x Unit Price $5.96 x Factor 1.1500 = Total $6.85	
				for roofing apex point	
40	07 34 00 00-0004		SQ	30 LB, Asphalt Saturated Organic Felt Shake Underlayment, Mechanically Fastened	$2,591.64
				Installation — Quantity 30.00 x Unit Price $64.95 x Factor 1.1500 = Total $2,240.78	
				Demolition — 30.00 x $10.17 x 1.1500 = $350.87	
				2 layers of 30lb felt per plans	
41	07 61 16 00-0007		SF	0.020" Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing	$12,624.13
				Installation — Quantity 250.00 x Unit Price $43.91 x Factor 1.1500 = Total $12,624.13	
				1" x 2" batten system over new underlayment mechanically fastened	
42	07 MO D0 00-0007	0007	SF	For Steep Roof, Over 6 To 12, Add	$566.38
				Installation — Quantity 250.00 x Unit Price $1.97 x Factor 1.1500 = Total $566.38	
43	07 62 13 00-0027		SF	0.050" Thick, Mill Finish, Aluminum Flashing And Trim	$1,410.36
				Installation — Quantity 80.00 x Unit Price $15.33 x Factor 1.1500 = Total $1,410.36	
				drip edge flashing	
44	07 MO D0 00-0001	0001	SF	For Up To 100, Add	$352.36
				Installation — Quantity 80.00 x Unit Price $3.83 x Factor 1.1500 = Total $352.36	
45	07 MO D0 00-0074	0074	SF	For Baked Aluminum Colors, Add	$72.68
				Installation — Quantity 80.00 x Unit Price $0.79 x Factor 1.1500 = Total $72.68	
Subtotal for Category - Roofing:					**$48,290.51**
Category - Staining and Painting					
46	09 01 90 52-0038		SF	Chemical Clean, Brush And Wash Wood Surfaces, Surface Preparation	$1,518.00
				Installation — Quantity 2,200.00 x Unit Price $0.60 x Factor 1.1500 = Total $1,518.00	
				prep for staining exposed wood members	
47	09 01 90 52-0041		SF	2,000 To 5,000 PSI, Pressure Wash Wood Surfaces, Surface Preparation	$1,442.10
				Installation — Quantity 2,200.00 x Unit Price $0.57 x Factor 1.1500 = Total $1,442.10	
				prep for staining exposed wood members. 1,500 sqft of T&G. 700 sqft of all other exposed beams. some on 3 sides some on all four sides.	

Work Order Number: 125990.00
Work Order Title: City of Cypress-Veterans Park Picnic Pavilion

Record	Section - Item	Modifier	UOM	Description	Line Total
Category - Staining and Painting					
48	09 01 90 52-0043		SF	Sanding Wood Trim Surfaces, Surface Preparation	$2,656.50
				Quantity x Unit Price x Factor = Total	
			Installation	2,200.00 x $1.05 x 1.1500 = $2,656.50	
				prep for staining exposed wood members. 1,500 sqft of T&G. 700 sqft of all other exposed beams. some on 3 sides some on all four sides.	
49	09 91 13 00-0095		SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Stucco Walls	$1,092.50
				Quantity x Unit Price x Factor = Total	
			Installation	1,000.00 x $0.95 x 1.1500 = $1,092.50	
				Prime and paint all existing stucco	
50	09 91 13 00-0097		SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Stucco Walls	$2,300.00
				Quantity x Unit Price x Factor = Total	
			Installation	1,000.00 x $2.00 x 1.1500 = $2,300.00	
				Prime and paint all existing stucco	
51	09 91 13 00-0473		SF	1 Coat Primer, Brush Work, Paint Exterior Exposed Metal Trim	$187.68
				Quantity x Unit Price x Factor = Total	
			Installation	160.00 x $1.02 x 1.1500 = $187.68	
				Paint metal trim per plans	
52	09 91 13 00-0475		SF	2 Coats Paint, Brush Work, Paint Exterior Exposed Metal Trim	$369.84
				Quantity x Unit Price x Factor = Total	
			Installation	160.00 x $2.01 x 1.1500 = $369.84	
				Paint metal trim per plans	
53	09 91 13 00-0492		SF	1 Coat Alkyd Anticorrosive Metal Primer, Brush/Roller Work, Paint Exterior Miscellaneous Metal Surfaces	$141.45
				Quantity x Unit Price x Factor = Total	
			Installation	100.00 x $1.23 x 1.1500 = $141.45	
				Paint framing connectors per plans	
54	09 MO D0 00-0244	0244	SF	For Epoxy Paint, Add	$17.25
				Quantity x Unit Price x Factor = Total	
			Installation	100.00 x $0.15 x 1.1500 = $17.25	
55	09 91 13 00-0494		SF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Exterior Miscellaneous Metal Surfaces	$262.20
				Quantity x Unit Price x Factor = Total	
			Installation	100.00 x $2.28 x 1.1500 = $262.20	
				Paint framing connectors per plans	
56	09 MO D0 00-0244	0244	SF	For Epoxy Paint, Add	$28.75
				Quantity x Unit Price x Factor = Total	
			Installation	100.00 x $0.25 x 1.1500 = $28.75	
57	09 93 13 53-0002		SF	Stain Sealer, Brush Work	$2,201.10
				Quantity x Unit Price x Factor = Total	
			Installation	2,200.00 x $0.87 x 1.1500 = $2,201.10	
				Seal exposed members per plans. 1,500 sqft of T&G. 700 sqft of all other exposed beams. some on 3 sides some on all four sides.	
58	09 93 23 13-0003		SF	Stain Wood Trim, 1 Coat Stain, With Brush And Wipe Off	$3,921.50
				Quantity x Unit Price x Factor = Total	
			Installation	2,200.00 x $1.55 x 1.1500 = $3,921.50	
				Stain exposed members per plans. 1,500 sqft of T&G. 700 sqft of all other exposed beams. some on 3 sides some on all four sides.	

Subtotal for Category - Staining and Painting: **$16,138.87**

Contractor's Price Proposal - Detail Continues..

Work Order Number: 125990.00
Work Order Title: City of Cypress-Veterans Park Picnic Pavilion

Proposal Total **$171,994.78**

This proposal total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding of the line totals and sub-totals.

The Percent of NPP on this Proposal: **%**

Subcontractor Listing

Date: March 07, 2024

Re:

IQC Master Contract #:	CA-R8-GB-101723-MDJ
Work Order #:	125990.00
Owner PO #:	
Title:	City of Cypress-Veterans Park Picnic Pavilion
Contractor:	MDJ Management
Proposal Value:	$171,994.78

Name of Contractor	Duties	Amount	%
Rite-Way Roof Corp.		$40,000.00	23.26

DocuSign Envelope ID: 5DA5CFAE-EF60-4451-8EAF-23EE637C8358

Indefinite Delivery-Indefinite Quantity Construction Contract

Contract Number: CA-R8-GB-101723-MDJ

Service Type: General Building

This Indefinite Delivery-Indefinite Quantity Construction Contract (Contract) is between **Sourcewell**, 202 12th Street Northeast, P.O. Box 219, Staples, MN 56479 and **MDJ Management, LLC, 531 Main St, Suite 611, El Segundo, CA 90245** (Contractor).

Sourcewell is a State of Minnesota local government agency and service cooperative created under the laws of the State of Minnesota (Minnesota Statutes Section 123A.21) that offers cooperative procurement solutions to government entities. Participation is open to federal, state and municipal governmental entities, K-12 and higher education entities, nonprofit entities, tribal governments, and other public entities located within the United States.

The Contractor desires to contract with Sourcewell to provide construction services to entities that access Sourcewell's indefinite delivery-indefinite quantity (IDIQ) construction contracts within the Service Region.

I. TERM OF CONTRACT

A. EFFECTIVE DATE. This Contract, including the General Terms and Conditions incorporated by reference, is effective upon the later of December 6, 2023 or the date of the final signature below.

B. EXPIRATION DATE AND EXTENSION. This Contract expires **December 5, 2024**, unless it is terminated sooner pursuant to Article XX of the General Terms and Conditions, which are incorporated into this Contract by reference. This Contract allows up to five additional one-year extensions upon the request of Sourcewell and written agreement with Contractor. Sourcewell retains the right to consider additional extensions beyond six years as required under exceptional circumstances.

II. REGION AND SERVICES

The Contractor's Region is: Region 8. The Contractor's IDIQ construction service type is: General Building. The Contractor **has** agreed to perform work outside the Region.

III. ADJUSTMENT FACTORS

The Contractor will perform any or all Tasks in the Construction Task Catalog for the Unit Price appearing therein multiplied by the following Adjustment Factors. See the General Terms and Conditions for additional information.

A. **Normal Working Hours – Prevailing Wage Rate Projects**: Work performed from 7:00 a.m. until 4:00 p.m. Monday to Friday, except Holidays. The Contractor will perform Tasks during Normal Working Hours for the Unit Price set forth in the CTC multiplied by the Adjustment Factor of: 1.1500.

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B. **Other Than Normal Working Hours – Prevailing Wage Rate Projects**: Work performed from 4:00 p.m. to 7:00 a.m. Monday to Friday, and any time Saturday, Sunday and Holidays. The Contractor will perform Tasks during Other Than Normal Working Hours for the Unit Price set forth in the CTC multiplied by the Adjustment Factor of: 1.2000.

C. **Secured Facilities/OSHPD Prevailing - Wage Rate Projects**: Work performed from 7:00 a.m. until 4:00 p.m. Monday to Friday, except Holidays. The Contractor will perform Tasks during Normal Working Hours for the Unit Price set forth in the CTC multiplied by the Adjustment Factor of: 1.1500.

D. **All Union Wage Projects**: Work performed from 7:00 a.m. until 4:00 p.m. Monday to Friday, except Holidays. The Contractor will perform Tasks during Normal Working Hours for the Unit Price set forth in the CTC multiplied by the Adjustment Factor of: 1.1500.

E. **Non pre-priced Adjustment Factor**: To be applied to Work determined not to be included in the CTC but within the general scope of the work: 1.2800.

VI. AUTHORIZED REPRESENTATIVE

A. Sourcewell's Authorized Representative is its Chief Procurement Officer.

B. The Contractor's Authorized Representative is Matthew McMillon. If the Contractor's Authorized Representative changes at any time during this Contract, Contractor must promptly notify Sourcewell in writing.

Sourcewell	MDJ Management, LLC
DocuSigned by: Jeremy Schwartz C0FD2A139D06489...	DocuSigned by: Matthew McMillon 524C8C2D808444C...
By: _____	By: _____
Jeremy Schwartz	Matthew McMillon
Title: Chief Procurement Officer	Title: President
Date: 12/1/2023 | 2:56 PM CST	Date: 12/1/2023 | 11:49 AM CST

CITY OF CYPRESS

CITY COUNCIL REPORT

City Council Regular **6.**

FROM: Douglas Dancs, Director of Public Works

DATE: 03/25/2024

SUBJECT: Approve an Amendment to the On-Call Stormwater/Fats Oils and Grease Inspection Services Contract

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RECOMMENDATION

1. Approve an Amendment to the with Charles Abbott Associates for On-Call Stormwater/Fats Oils and Grease Inspection Services; and

2. Appropriate $18,000 to the Strom Drain Fund and $2,000 to the Sewer Fund.

DISCUSSION

In April 2021, the City Council approved a contract with Charles Abbott Associates for on-call Stormwater/Fats Oils and Grease Inspection Services through April 2023 with an option for three, one-year extensions. The City is required to inspect construction sites and properties for compliance with state water quality regulations and provide inspection results for annual reporting to the state.

The on-call contract limits annual expenditures to $83,175. Due to an increase in new construction, additional water quality and Fats, Oils, and Grease (FOG) inspections are needed. Public Works estimates that an additional $20,000 is necessary to complete all required inspections through the remainder of FY 2023-24. The $20,000 recommended contract amendment must be approved by the City Council since the contract terms limit the contract officer from authorizing total amendments that exceed 10 percent of the annual contract amount ($8,317.50).

BUDGET IMPACT

The City collects fees from developers, property owners and businesses which provides full cost recovery for the on-call services provided by this contract. The budget for On-Call Stormwater/Fats Oils and Grease Inspection Services is $83,175 and the cost for these services is estimated to be $103,175 for FY 2023-24. Sufficient fund balance amounts are available for the additional $18,000 in the Storm Drain Fund and $2,000 in the Sewer Fund needed to pay for inspection activities through the end of the fiscal year.

LEGAL REVIEW

The amendment was approved as to form by the City Attorney.

APPROVED BY: Peter Grant, City Manager

Attachments

Contract Amendment

FIRST AMENDMENT TO AGREEMENT FOR ON-CALL STORMWATER/FATS OILS AND GREASE INSPECTION SERVICES

This FIRST AMENDMENT to CHARLES ABBOTT ASSOCIATES FOR ON-CALL STORMWATER/FATS OILS AND GREASE INSPECTION SERVICES AGREEMENT is entered into effective the 12th day of April, 2021, ("First Amendment") by and between the CITY OF CYPRESS (City), a charter city and California municipal corporation ("City") and Charles Abbott Associates, a California corporation, ("Contractor") (collectively, the "Parties").

RECITALS

A. WHEREAS, on the 12th day of April, 2021, City and Contractor entered into that certain "ON-CALL STORMWATER/FATS OILS AND GREASE INSPECTION SERVICES AGREEMENT" ("the Agreement") in which Contractor agreed to perform certain services for City;

B. WHEREAS, the parties desire to increase the Contract Sum by this First Amendment for additional inspection services

NOW, THEREFORE, for and in consideration of the mutual covenants and conditions contained herein, the parties agree as follows:

AGREEMENT

Section 2. Section 2.1. Contract Sum, of the Agreement is hereby amended, increasing the Contract Sum by $20,000, to read, in its entirety, as follows:

"For the services rendered pursuant to this Agreement, Contractor shall be compensated in accordance with the "Schedule of Compensation" attached hereto as Exhibit "C" and incorporated herein by this reference, but not exceeding the maximum contract amount of One Hundred Three Thousand One Hundred Seventy-Five Dollars ($103,175.00) ("Contract Sum")."

Exhibit C. Exhibit C of the Agreement is hereby replaced in its entirety with the attached, revised Exhibit C.

IN WITNESS WHEREOF, the parties have executed and entered into this First Amendment and agree to be bound by the terms and conditions of the same.

[SIGNATURES ON FOLLOWING PAGE]

IN WITNESS WHEREOF, the parties hereto have executed this First Amendment on the date and year first-above written.

CITY:
City of Cypress, a municipal corporation

Scott Minikus, Mayor

ATTEST:

Alisha Farnell, City Clerk

APPROVED AS TO FORM:
ALESHIRE & WYNDER, LLP

Fred Galante, City Attorney

CONTRACTOR:

Charles Abbott Associates, Inc. a California Corporation

By: Diann Wolfe
Name: Diann Wolfe
Title: Asst. Secretary

By:
Name: Russell Abbott
Title: President

EXHIBIT "C"

SCHEDULE OF COMPENSATION

I. Section 2.1 shall be amended to read as follows:

"Contract Sum. For services rendered pursuant to this Amendment, the Contractor shall be compensated in accordance with the "Schedule of Compensation" attached hereto as Exhibit "C" and incorporated herein by this reference, but not to exceed the contract amount of One Hundred Three Thousand One Hundred Seventy-Five Dollars ($103,175.00) ("Contract Sum").

II. Compensation from March 25, 2024 to April 11, 2025 reads as follows:

Current Contract Total	$ 83,175.00
Additional Stormwater/Fats Oils and Grease Inspection Services	$ 20,000.00
Amended Contract Total	**$103,175.00**

CITY OF CYPRESS

CITY COUNCIL REPORT

City Council Regular **7.**

FROM: Alicia Velasco, Planning Director

DATE: 03/25/2024

SUBJECT: **Receive and File the 2023 General Plan Annual Progress Report on the Implementation of the Housing Element**

RECOMMENDATION

Receive and file the 2023 General Plan Annual Progress Report on the implementation of the Housing Element.

DISCUSSION

Background

California Government Code Section 65400 requires that cities submit an annual report by April 1 to the State Office of Planning and Research (OPR) and the Department of Housing and Community Development (HCD) that provides the progress of the implementation of the Housing Element. Cities must also submit a General Plan Annual Progress Report to HCD and OPR. The attached report satisfies both requirements.

General Plan Status

The City Council adopted the General Plan on September 10, 2001. It contains the seven State-required elements plus three optional elements.

General Plan Elements	Last Revised
Land Use	October 14, 2013
Circulation	September 10, 2001
Housing	June 27, 2022
Conservation/Open Space (combined)	September 10, 2001
Recreation	September 10, 2001
Safety	October 14, 2013
Noise	September 10, 2001
Optional: Air Quality	September 10, 2001
Optional: Growth Management	September 10, 2001

Optional: Implementation	September 10, 2001

Cities are required to keep their General Plans current and internally consistent. There is no General Plan update requirement, except the Housing Element, which must be updated at least every eight years.

The following is a summary of General Plan related activities during the January 1 to December 31, 2023 reporting period.

Land Use Element
There were no amendments to the General Plan Land Use Element, nor were there any land use designation changes on individual properties. There were no amendments to the Zoning Ordinance of the Municipal Code which could affect consistency with the Land Use Element, nor were there any zone changes on properties. There was one Specific Plan amendment (LTP Modern Machine) which was consistent with the existing Specific Plan land use designation and the PC Planned Community Zone. There were no land use designation changes on individual properties within any of the City's specific plans.

Housing Element
HCD certified the City's 2021-2029 Housing Element on September 9, 2022. This report is for calendar year 2023, which is the second reporting year of the housing element cycle.

Having a certified Housing Element makes the City eligible for State housing grants/programs and provides protection against housing-related lawsuits. Cypress' Regional Housing Need Assessment (RHNA) for the 2021-2029 Housing Element cycle is 3,936 units.

In 2023, the City processed:

Housing Permit Processing Stage	Applications	Units
Housing entitlement applications received and deemed complete	12	19
Housing entitlement applications approved	12	19
Housing permits issued	54	54
Housing units completed	NA	94

Below is a summary of the 2021-2029 Housing Element cycle totals which count toward the City's RHNA based on income level:

Income Level	2021-2029 RHNA	Units to Date (2021-2022)	Remaining
Very Low	1,150	17	1,133
Low	657	0	657
Moderate	623	1	622
Above Moderate	1,506	458	1,048
Total	**3,936**	**476**	**3,460**

Since the very low, low, and moderate income categories fell short by 143 units at the end of the previous cycle, they were added to the 2021-2029 RHNA.

The City Council adopted the following ordinances in 2023 in compliance with the Housing Element and State law:

- Objective design standards
- Reduced parking requirements for multifamily residential
- Streamlined residential review process

Other General Plan Element Amendments
There were no amendments to the other elements of the General Plan. The City continues to implement the goals and policies of all General Plan elements.

ALTERNATIVE ACTIONS:
Provide further direction.

BUDGET IMPACT
None.

LEGAL REVIEW
None required.

APPROVED BY: Peter Grant, City Manager

Attachments

Annual Housing Report

Please Start Here

General Information	
Jurisidiction Name	Cypress
Reporting Calendar Year	2023
Contact Information	
First Name	Kori
Last Name	Sanders
Title	Associate Planner
Email	ksanders@cypressca.org
Phone	7142296724
Mailing Address	
Street Address	5275 Orange Avenue
City	Cypress
Zipcode	90630

Optional: Click here to import last year's data. This is best used when the workbook is new and empty. You will be prompted to pick an old workbook to import from. Project and program data will be copied exactly how it was entered in last year's form and must be updated. If a project is no longer has any reportable activity, you may delete the project by selecting a cell in the row and typing ctrl + d.

Click here to download APR Instructions

Click here to add rows to a table. If you add too many rows, you may select a cell in the row you wish to remove and type ctrl + d.

v_2_15_24

Optional: This runs a macro which checks to ensure all required fields are filled out. The macro will create two files saved in the same directory this APR file is saved in. One file will be a copy of the APR with highlighted cells which require information. The other file will be list of the problematic cells, along with a description of the nature of the error.

Optional: Save before running. This copies data on Table A2, and creates another workbook with the table split across 4 tabs, each of which can fit onto a single page for easier printing. Running this macro will remove the comments on the column headers, which contain the instructions. Do not save the APR file after running in order to preserve comments once it is reopened.

Optional: This macro identifies dates entered that occurred outside of the reporting year. RHNA credit is only given for building permits issued during the reporting year.

Link to the online system: https://apr.hcd.ca.gov/APR/login.do

Toggles formatting that turns cells green/yellow/red based on data validation rules.

Submittal Instructions

Please save your file as Jurisdictionname2023 (no spaces). Example: the city of San Luis Obispo would save their file as SanLuisObispo2023

Housing Element Annual Progress Reports (APRs) forms and tables must be submitted to HCD and the Governor's Office of Planning and Research (OPR) on or before April 1 of each year for the prior calendar year; submit separate reports directly to both HCD and OPR pursuant to Government Code section 65400. There are two options for submitting APRs:

1. **Online Annual Progress Reporting System - Please see the link to the online system to the left.** This allows you to upload the completed APR form into directly into HCD's database limiting the risk of errors. If you would like to use the online system, email APR@hcd.ca.gov and HCD will send you the login information for your jurisdiction. *Please note: Using the online system only provides the information to HCD. The APR must still be submitted to OPR. Their email address is opr.apr@opr.ca.gov.*

2. **Email -** If you prefer to submit via email, you can complete the excel Annual Progress Report forms and submit to HCD at APR@hcd.ca.gov and to OPR at opr.apr@opr.ca.gov. Please send the Excel workbook, not a scanned or PDF copy of the tables.

Jurisdiction	Cypress	
Reporting Year	2023	(Jan. 1 - Dec. 31)
Housing Element Planning Period	6th Cycle	10/15/2021 - 10/15/2029

Building Permits Issued by Affordability Summary		
Income Level		**Current Year**
Very Low	Deed Restricted	0
	Non-Deed Restricted	8
Low	Deed Restricted	0
	Non-Deed Restricted	0
Moderate	Deed Restricted	0
	Non-Deed Restricted	1
Above Moderate		45
Total Units		**54**

Note: Units serving extremely low-income households are included in the very low-income permitted units totals

Units by Structure Type	**Entitled**	**Permitted**	**Completed**
Single-family Attached	0	41	88
Single-family Detached	0	2	0
2 to 4 units per structure	0	0	0
5+ units per structure	0	0	0
Accessory Dwelling Unit	7	11	6
Mobile/Manufactured Home	0	0	0
Total	**7**	**54**	**94**

Infill Housing Developments and Infill Units Permitted	**# of Projects**	**Units**
Indicated as Infill	13	13
Not Indicated as Infill	41	41

Housing Applications Summary	
Total Housing Applications Submitted:	12
Number of Proposed Units in All Applications Received:	19
Total Housing Units Approved:	19
Total Housing Units Disapproved:	0

Use of SB 35 Streamlining Provisions - Applications	
Number of SB 35 Streamlining Applications	0
Number of SB 35 Streamlining Applications Approved	0

Units Constructed - SB 35 Streamlining Permits			
Income	**Rental**	**Ownership**	**Total**
Very Low	0	0	0
Low	0	0	0
Moderate	0	0	0
Above Moderate	0	0	0
Total	**0**	**0**	**0**

Streamlining Provisions Used - Permitted Units	# of Projects	Units
SB 9 (2021) - Duplex in SF Zone	0	0
SB 9 (2021) - Residential Lot Split	0	0
AB 2011 (2022)	0	0
SB 6 (2022)	0	0
SB 35 (2017)	0	0

Ministerial and Discretionary Applications	# of Applications	Units
Ministerial	11	11
Discretionary	1	8

Density Bonus Applications and Units Permitted	
Number of Applications Submitted Requesting a Density Bonus	1
Number of Units in Applications Submitted Requesting a Density Bonus	8
Number of Projects Permitted with a Density Bonus	0
Number of Units in Projects Permitted with a Density Bonus	0

Housing Element Programs Implemented and Sites Rezoned	Count
Programs Implemented	20
Sites Rezoned to Accommodate the RHNA	0

Jurisdiction	Cypress	
Reporting Year	2023	(Jan. 1 - Dec. 31)
Planning Period	6th Cycle	10/15/2021 - 10/15/2029

ANNUAL ELEMENT PROGRESS REPORT
Housing Element Implementation

Note: "+" indicates an optional field
Cells in grey contain auto-calculation formulas

Table A
Housing Development Applications Submitted

Project Identifier					Unit Types		Date Application Submitted	Proposed Units - Affordability by Household Incomes								Total Approved Units by Project	Total Disapproved Units by Project	Streamlining	Density Bo Applica
1					2	3	4	5							6	7	8	9	10
Prior APN+	Current APN	Street Address	Project Name+	Local Jurisdiction Tracking ID	Unit Category (SFA,SFD,2 to 4,5+,ADU,MH)	Tenure R=Renter O=Owner	Date Application Submitted (see instructions)	Very Low-Income Deed Restricted	Very Low-Income Non Deed Restricted	Low-Income Deed Restricted	Low-Income Non Deed Restricted	Moderate-Income Deed Restricted	Moderate-Income Non Deed Restricted	Above Moderate-Income	Total PROPOSED Units by Project	Total APPROVED Units by project	Total DISAPPROVED Units by Project	Please select streamlining provision/s the application was submitted pursuant to.	Did the housing development application seek incentives or concessions pursuant to Government Code section 65915?
Summary Row: Start Data Entry Below								2	0	0	0	0	0	17	19	19	0		
262-311-09	262-311-09	8561 Belmont Street	Belmont 8 Apts	CUP# 2023-02	5+	R	3/10/2023	2						6	8	8	0	NONE	Yes
262-322-05	262-322-05	8641 La Salle Street, Unit B	Franklin Castillo	BS-23-217	ADU	R	2/17/2023							1	1	1	0	NONE	No
134-541-02	134-541-02	6263 Rosemary Drive	Hector Leiva	BS-23-448	ADU	R	4/5/2023							1	1	1	0	NONE	No
262-421-17	262-421-17	8781 Walker Street, Unit 9B	Armando Lopez	BS-23-483	ADU	R	4/27/2023							1	1	1	0	NONE	No
262-421-17	262-421-17	8781 Walker Street, Unit 11B	Armando Lopez	BS-23-483	ADU	R	4/27/2023							1	1	1	0	NONE	No
244-523-09	244-523-09	5762 Karen Avenue	Shihfen Sun	BS-23-1175	ADU	R	7/25/2023							1	1	1	0	NONE	No
262-321-22	262-321-22	8664 Sumner Place	Nicholas Noris	BS-23-1186	ADU	R	7/27/2023							1	1	1	0	NONE	No
262-443-05	262-443-05	8543 La Homa Street	Balaji Devendran	BS-23-1398	ADU	R	9/8/2023							1	1	1	0	NONE	No
262-353-04	262-353-04	5091 New Mexico Lane	Fady Tawaddrous	BS-23-1462	ADU	R	9/21/2023							1	1	1	0	NONE	No
262-421-20	262-421-20	8815 Walker Street	Leticia Franco	BS-23-1305	ADU	R	10/20/2023							1	1	1	0	NONE	No
262-462-23	262-462-23	5673 Vonnie Lane	Henry Salzer	BS-23-1609	ADU	R	10/24/2023							1	1	1	0	NONE	No
262-471-10	262-471-10	5616 Vonnie Lane	Jeong Cho	BS-23-1727	ADU	R	11/21/2023							1	1	1	0	NONE	No
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Jurisdiction	Cypress
Reporting Year	2023 (Jan. 1 - Dec. 31)
Planning Period	6th Cycle (October 15 2021 - October 15 2029)

ANNUAL ELEMENT PROGRESS REPORT
Housing Element Implementation

Note: "+" indicates an optional field

Cells in grey contain auto-calculation formulas

Table A2

Annual Building Activity Report Summary - New Construction, Entitled, Permits and Completed Units

Project Identifier					Unit Types		Affordability by Household Incomes - Completed Entitlement							Affordability by Household Incomes - Building Permits								Affordability by Household Incomes - Certificates of Occupancy						Streamlining	Infill	Housing with Financial Assistance and/or Deed Restrictions		Housing without Financial Assistance or Deed Restrictions	Term of Affordability or Deed Restriction	Demolished/Destroyed Units			Density Bonus				Notes
1					2	3	4						5	6	7						8	9	10					11	12	13	14	15	16	17	18	19	20	21				22	23	24	25
Prior APN*	Current APN	Street Address	Project Name*	Local Jurisdiction Tracking ID	Unit Category (SFD, 2-4, 5+, ADU, MH)	Tenure (R=Rental, O=Owner)	Very Low-Income Non Deed Restricted	Very Low-Income Deed Restricted	Low-Income Non Deed Restricted	Low-Income Deed Restricted	Moderate-Income Non Deed Restricted	Moderate-Income Deed Restricted	Above Moderate-Income	Entitlement Date Approved	# of Units Issued Entitlements	Very Low-Income Non Deed Restricted	Very Low-Income Deed Restricted	Low-Income Non Deed Restricted	Low-Income Deed Restricted	Moderate-Income Non Deed Restricted	Moderate-Income Deed Restricted	Above Moderate-Income	Building Permits Date Issued	# of Units Issued Building Permits	Very Low-Income Deed Restricted	Very Low-Income Non Deed Restricted	Low-Income Non Deed Restricted	Low-Income Deed Restricted	Moderate-Income Non Deed Restricted	Moderate-Income Deed Restricted	Above Moderate-Income	Certificates of Occupancy or other form of completion (see instructions) Date Issued	# of Units Issued Certificates of Occupancy or other forms of completion	New many of the units were Extremely Low Income?	Please select the streamlining provision the project received APPROVE pursuant to: (may select multiple)	Infill (y/n)*	Assistance Programs for Each Development (may select multiple (see instructions)	Deed Restriction Type (may select multiple - see instructions)	For units affordable without financial assistance or deed restrictions, explain how the project is expected to units were affordable (see instructions)	Term of Affordability or Deed Restriction (yrs) (Affordable in perpetuity enter 1000)	Number of Demolished/Destroyed Units	Demolished or Destroyed Units	Owner or Renter	Total Density Bonus Applied to the Project (Percentage Increase in Total Allowable Units or Total Maximum Allowable Residential Gross Floor Area)	Number of Other Incentives, Concessions, Waivers, or Other Modifications Done to the Project (Excluding Parking Waivers or Parking Reductions)	List the incentives, concessions, waivers, and modifications (excluding Parking Waivers or Parking Modifications)	Did the project receive a density bonus for providing donations? (Y/N)	Notes*
Numbers Row: Do not Delete Before Making Changes																																									
242-011-06	242-011-06	5972 Kano Ave	ADU	BP #10009	ADU	R							1	9/17/2021																NONE	Y											Was ADU attached
242-021-09	242-021-09	5892 Davis Dr	Davis 2 Condos	BP #12363	SFD	O							1	11/7/2022																NONE	Y											2 DP No. 3142
242-021-09	242-021-09	5894 Davis Dr	Davis 2 Condos	BP #12363	SFD	O							1	11/7/2022																NONE	Y											2 DP No. 3142
242-064-04	242-051-09	6224 Jaruz Street	ADU	BPE #23-0120	ADU	R	1							12/1/2023	1															NONE	Y											Was ADU attached
263-009-09	263-009-09	6223 Jaruz Street	ADU	BPE #23-0120	ADU	R	1							12/1/2023	1															NONE	Y											Was ADU attached
263-322-16	263-322-16	6863 Walker Street	ADU	BPE #23-21-000	ADU	O			1					11/22/2021																8/31/2023	Y											Was ADU attached
262-431-66	262-431-66	6213 Bishop Street	ADU	BPE #8-22-000	ADU	O		1						5/19/2022		1														8/16/2023	Y											Was ADU attached
263-473-08	263-473-08	6213 Bishop Street	ADU	BPE #23-22-1124	ADU	R		1						7/24/2023		1														9/22/2023	Y											Was ADU attached
263-333-09	263-333-09	6366 Viola Portland	ADU	BPE #19-22-1666	ADU	R		1						10/19/2022		1														6/8/2023	Y											Was ADU attached
262-464-02	262-464-02	6853 La Palma Street	SFA	BPE #19-22-2062	SFA	R							1	5/26/2022							1								8/1/2022	N						0							Add 2nd SFD on MFR lot
241-091-06, -62	241-091-06, -62	6304 Triple Crown Lane	Town Centre/Mela	TPM#19113	SFA	O							1	9/15/2021							1								7/31/2023	N											Add 86 of 135
241-091-06, -60	241-091-06, -60	6312 Triple Crown Lane	Town Centre/Mela	TPM#19116	SFA	O							1	9/15/2021							1								2/15/2022	N											Add 86 of 135
241-091-06, -63	241-091-06, -63	6313 Triple Crown Lane	Town Centre/Mela	TPM#19112	SFA	O							1	9/15/2021							1								7/26/2023	N											Add 86 of 135
241-091-06, -65	241-091-06, -65	6314 Triple Crown Lane	Town Centre/Mela	TPM#19114	SFA	O							1	9/15/2021							1								2/15/2022	N											Add 86 of 135
241-091-06, -60	241-091-06, -60	6315 Triple Crown Lane	Town Centre/Mela	TPM#19116	SFA	O							1	9/15/2021							1								7/31/2023	N											Add 86 of 135
241-091-06, -63	241-091-06, -63	6316 Triple Crown Lane	Town Centre/Mela	TPM#19112	SFA	O							1	9/15/2021							1								12/9/2022	N											Add 86 of 135
241-091-06, -60	241-091-06, -60	6317 Triple Crown Lane	Town Centre/Mela	TPM#19116	SFA	O							1	9/15/2021							1								12/9/2022	N											Add 86 of 135
241-091-06, -63	241-091-06, -63	6318 Triple Crown Lane	Town Centre/Mela	TPM#19112	SFA	O							1	9/15/2021							1								12/9/2022	N											Add 86 of 135
241-091-06, -65	241-091-06, -65	6319 Triple Crown Lane	Town Centre/Mela	TPM#19114	SFA	O							1	9/15/2021							1								12/9/2022	N											Add 86 of 135
241-091-06, -60	241-091-06, -60	6320 Triple Crown Lane	Town Centre/Mela	TPM#19116	SFA	O							1	9/15/2021							1								12/9/2022	N											Add 86 of 135
241-091-06, -63	241-091-06, -63	6321 Triple Crown Lane	Town Centre/Mela	TPM#19112	SFA	O							1	9/15/2021							1								12/9/2022	N											Add 86 of 135
242-092-02	242-092-02	7102 Orion Ln	Citrus Square/Mela	TPM#19147	SFA	O							1	10/26/2021							1								12/18/2023	N						0							Add 90 of 90
242-092-02	242-092-02	7106 Orion Ln	Citrus Square/Mela	TPM#19147	SFA	O							1	10/26/2021							1								12/18/2023	N						0							Add 90 of 90
242-092-02	242-092-02	7108 Orion Ln	Citrus Square/Mela	TPM#19147	SFA	O							1	10/26/2021							1								12/18/2023	N						0							Add 90 of 90
242-092-02	242-092-02	7110 Orion Ln	Citrus Square/Mela	TPM#19147	SFA	O							1	10/26/2021							1								12/18/2023	N						0							Add 90 of 90
242-092-02	242-092-02	7112 Orion Ln	Citrus Square/Mela	TPM#19147	SFA	O							1	10/26/2021							1								12/18/2023	N						0							Add 90 of 90
242-092-02	242-092-02	7114 Orion Ln	Citrus Square/Mela	TPM#19147	SFA	O							1	10/26/2021							1								12/18/2023	N						0							Add 90 of 90
242-092-02	242-092-02	7116 Orion Ln	Citrus Square/Mela	TPM#19147	SFA	O							1	10/26/2021							1								12/18/2023	N						0							Add 90 of 90
242-092-02	242-092-02	7117 Orion Ln	Citrus Square/Mela	TPM#19147	SFA	O							1	10/26/2021							1								12/18/2023	N						0							Add 90 of 90
242-092-02	242-092-02	7115 Orion Ln	Citrus Square/Mela	TPM#19147	SFA	O							1	10/26/2021							1								12/18/2023	N						0							Add 90 of 90
242-092-02	242-092-02	7113 Orion Ln	Citrus Square/Mela	TPM#19147	SFA	O							1	10/26/2021							1								12/18/2023	N						0							Add 90 of 90
242-092-02	242-092-02	7111 Orion Ln	Citrus Square/Mela	TPM#19147	SFA	O							1	10/26/2021							1								12/18/2023	N						0							Add 90 of 90
242-092-02	242-092-02	7109 Orion Ln	Citrus Square/Mela	TPM#19147	SFA	O							1	10/26/2021							1								12/18/2023	N						0							Add 90 of 90
242-092-02	242-092-02	7107 Orion Ln	Citrus Square/Mela	TPM#19147	SFA	O							1	10/26/2021							1								12/18/2023	N						0							Add 90 of 90
242-092-02	242-092-02	7105 Orion Ln	Citrus Square/Mela	TPM#19147	SFA	O							1	10/26/2021							1								12/18/2023	N						0							Add 90 of 90
242-092-02	242-092-02	7103 Orion Ln	Citrus Square/Mela	TPM#19147	SFA	O							1	10/26/2021							1								12/18/2023	N						0							Add 90 of 90
242-092-30	242-092-30	7101 Orion Ln	Citrus Square/Mela	TPM#19147	SFA	O							1	10/26/2021							1								12/18/2023	N						0							Add 90 of 90
242-092-30	242-092-30	7099 Orion Ln	Citrus Square/Mela	TPM#19147	SFA	O							1	10/26/2021							1								12/18/2023	N						0							Add 90 of 90
242-092-30	242-092-30	7097 Orion Ln	Citrus Square/Mela	TPM#19147	SFA	O							1	10/26/2021							1								12/18/2023	N						0							Add 90 of 90
242-092-30	242-092-30	7095 Orion Ln	Citrus Square/Mela	TPM#19147	SFA	O							1	10/26/2021							1								12/18/2023	N						0							Add 90 of 90
242-092-30	242-092-30	7093 Orion Ln	Citrus Square/Mela	TPM#19147	SFA	O							1	10/26/2021							1								12/18/2023	N						0							Add 90 of 90
242-092-30	242-092-30	7091 Orion Ln	Citrus Square/Mela	TPM#19147	SFA	O							1	10/26/2021							1								12/18/2023	N						0							Add 90 of 90
242-092-30	242-092-30	7089 Orion Ln	Citrus Square/Mela	TPM#19147	SFA	O							1	10/26/2021							1								12/18/2023	N						0							Add 90 of 90
242-092-30	242-092-30	7087 Orion Ln	Citrus Square/Mela	TPM#19147	SFA	O							1	10/26/2021							1								12/18/2023	N						0							Add 90 of 90
242-092-30	242-092-30	7085 Orion Ln	Citrus Square/Mela	TPM#19147	SFA	O							1	10/26/2021							1								12/18/2023	N						0							Add 90 of 90
242-092-30	242-092-30	7083 Orion Ln	Citrus Square/Mela	TPM#19147	SFA	O							1	10/26/2021							1								12/18/2023	N						0							Add 90 of 90
242-092-30	242-092-30	7081 Orion Ln	Citrus Square/Mela	TPM#19147	SFA	O							1	10/26/2021							1								12/18/2023	N						0							Add 90 of 90
242-092-30	242-092-30	7079 Orion Ln	Citrus Square/Mela	TPM#19147	SFA	O							1	10/26/2021							1								12/18/2023	N						0							Add 90 of 90
241-091-06, -63	241-091-06, -63	6315 Champions Lane	Town Centre/Mela	TPM#19112	SFA	O							1	9/15/2021							1								8/16/2023	N											Add 135 of 135
241-091-06, -60	241-091-06, -60	6317 Champions Lane	Town Centre/Mela	TPM#19116	SFA	O							1	9/15/2021							1								8/16/2023	N											Add 135 of 135
241-091-06, -63	241-091-06, -63	6319 Champions Lane	Town Centre/Mela	TPM#19112	SFA	O							1	9/15/2021							1								8/16/2023	N											Add 135 of 135
241-091-06, -65	241-091-06, -65	6321 Champions Lane	Town Centre/Mela	TPM#19114	SFA	O							1	9/15/2021							1								8/16/2023	N											Add 135 of 135
241-091-06, -60	241-091-06, -60	6323 Champions Lane	Town Centre/Mela	TPM#19116	SFA	O							1	9/15/2021							1								8/16/2023	N											Add 135 of 135
241-091-06, -63	241-091-06, -63	6325 Champions Lane	Town Centre/Mela	TPM#19112	SFA	O							1	9/15/2021							1								8/16/2023	N											Add 135 of 135
241-091-06, -65	241-091-06, -65	6327 Champions Lane	Town Centre/Mela	TPM#19114	SFA	O							1	9/15/2021							1								8/16/2023	N											Add 135 of 135
241-091-06, -60	241-091-06, -60	6329 Champions Lane	Town Centre/Mela	TPM#19116	SFA	O							1	9/15/2021							1								8/16/2023	N											Add 135 of 135
241-091-06, -63	241-091-06, -63	6331 Champions Lane	Town Centre/Mela	TPM#19112	SFA	O							1	9/15/2021							1								8/16/2023	N											Add 135 of 135
241-091-06, -65	241-091-06, -65	6333 Champions Lane	Town Centre/Mela	TPM#19114	SFA	O							1	9/15/2021							1								8/16/2023	N											Add 135 of 135
241-091-06, -60	241-091-06, -60	6335 Champions Lane	Town Centre/Mela	TPM#19116	SFA	O							1	9/15/2021							1								8/16/2023	N											Add 135 of 135
241-091-06, -63	241-091-06, -63	6337 Champions Lane	Town Centre/Mela	TPM#19112	SFA	O							1	9/15/2021							1								8/16/2023	N											Add 135 of 135
241-091-06, -65	241-091-06, -65	6339 Champions Lane	Town Centre/Mela	TPM#19114	SFA	O							1	9/15/2021							1								8/16/2023	N											Add 135 of 135
241-091-06, -60	241-091-06, -60	6341 Champions Lane	Town Centre/Mela	TPM#19116	SFA	O							1	9/15/2021							1								8/16/2023	N											Add 135 of 135
241-091-06, -63	241-091-06, -63	6343 Champions Lane	Town Centre/Mela	TPM#19112	SFA	O							1	9/15/2021							1								8/16/2023	N											Add 135 of 135
241-091-06, -65	241-091-06, -65	6345 Champions Lane	Town Centre/Mela	TPM#19114	SFA	O							1	9/15/2021							1								8/16/2023	N											Add 135 of 135
241-091-06, -60	241-091-06, -60	6347 Champions Lane	Town Centre/Mela	TPM#19116	SFA	O							1	9/15/2021							1								8/16/2023	N											Add 135 of 135
241-091-06, -63	241-091-06, -63	6349 Champions Lane	Town Centre/Mela	TPM#19112	SFA	O							1	9/15/2021							1								8/16/2023	N											Add 135 of 135
241-091-06, -65	241-091-06, -65	6351 Champions Lane	Town Centre/Mela	TPM#19114	SFA	O							1	9/15/2021							1								8/16/2023	N											Add 135 of 135
241-091-06, -60	241-091-06, -60	6353 Champions Lane	Town Centre/Mela	TPM#19116	SFA	O							1	9/15/2021							1								8/16/2023	N											Add 135 of 135
241-091-06, -63	241-091-06, -63	6355 Champions Lane	Town Centre/Mela	TPM#19112	SFA	O							1	9/15/2021							1								8/16/2023	N											Add 135 of 135
241-091-06, -65	241-091-06, -65	6357 Champions Lane	Town Centre/Mela	TPM#19114	SFA	O							1	9/15/2021							1								8/16/2023	N											Add 135 of 135
241-091-06, -60	241-091-06, -60	6359 Champions Lane	Town Centre/Mela	TPM#19116	SFA	O							1	9/15/2021							1								8/16/2023	N											Add 135 of 135
241-091-06, -63	241-091-06, -63	6361 Champions Lane	Town Centre/Mela	TPM#19112	SFA	O							1	9/15/2021							1								8/16/2023	N											Add 135 of 135
241-091-06, -65	241-091-06, -65	6363 Champions Lane	Town Centre/Mela	TPM#19114	SFA	O							1	9/15/2021							1								8/16/2023	N											Add 135 of 135
241-091-06, -60	241-091-06, -60	6365 Champions Lane	Town Centre/Mela	TPM#19116	SFA	O							1	9/15/2021							1								8/16/2023	N											Add 135 of 135
241-091-06, -63	241-091-06, -63	6367 Champions Lane	Town Centre/Mela	TPM#19112	SFA	O							1	9/15/2021							1								8/16/2023	N											Add 135 of 135
241-091-06, -65	241-091-06, -65	6369 Champions Lane	Town Centre/Mela	TPM#19114	SFA	O							1	9/15/2021							1								8/16/2023	N											Add 135 of 135
241-091-06, -60	241-091-06, -60	6371 Champions Lane	Town Centre/Mela	TPM#19116	SFA	O							1	9/15/2021							1								8/16/2023	N											Add 135 of 135
241-091-06, -63	241-091-06, -63	6373 Champions Lane	Town Centre/Mela	TPM#19112	SFA	O							1	9/15/2021							1								8/16/2023	N											Add 135 of 135
241-091-06, -65	241-091-06, -65	6375 Champions Lane	Town Centre/Mela	TPM#19114	SFA	O							1	9/15/2021							1								8/16/2023	N											Add 135 of 135
263-322-16	263-322-16	6863 Walker Street	Jon Graff	360-20-2020	ADU	O	1							12/22/2022	1															7/19/2023	Y											Conv. Garage ADU Attached
262-322-09	262-322-09	6863 Walker Street	Arabella Castillo	BPE #23-0120	ADU	R	1							12/1/2023	1															9/21/2023	Y											Conv. Garage ADU Attached
139-641-02	139-641-02	6383 Rosecrisp Lane	Hector Lerax	805-20-686	ADU	R	1							8/9/2023	1															9/1/2023	Y											Conv. Garage ADU Attached
262-421-77	262-421-77	6844 Bellflower Street - Unit 1	Armando Lopez	805-20-683	ADU	R							1	4/27/2023	1															10/17/2023	Y											Conv. Garage ADU Attached
262-421-77	262-421-77	6844 Bellflower Street - Unit 2	Armando Lopez	805-20-683	ADU	R							1	4/27/2023	1															10/17/2023	Y											Conv. Garage ADU Attached
244-522-09	244-522-09	5972 Kano Ave	Mathieu Sun	805-20-1779	ADU	R	1							9/2/2023	1															10/17/2023	Y											Conv. Garage ADU Attached
242-321-37	242-321-37	6852 Cypress Place	Nicholas Naris	805-23-1789	ADU	R	1							8/16/2023	1															10/6/2023	Y											Conv. Garage ADU Attached
262-353-01	262-353-01	6281 Via Tesoro	Kelly Tweedale	805-20-1666	ADU	R	1							8/23/2023	1															11/29/2023	Y											Was ADU attached
241-091-06, -60	241-091-06, -60	6304 Triple Crown Lane	Town Centre/Mela	TPM#19116	SFA	O							1	9/15/2021							1								2/6/2023	N											Add 86 of 135
241-091-06, -65	241-091-06, -65	6314 Triple Crown Lane	Town Centre/Mela	TPM#19114	SFA	O							1	9/15/2021							1								5/1/2023	N											Add 86 of 135
241-091-06, -60	241-091-06, -60	6315 Triple Crown Lane	Town Centre/Mela	TPM#19116	SFA	O							1	9/15/2021							1								4/17/2023	N											Add 86 of 135
241-091-06, -63	241-091-06, -63	6316 Triple Crown Lane	Town Centre/Mela	TPM#19112	SFA	O							1	9/15/2021							1								11/30/2022	N											Add 86 of 135
241-091-06, -60	241-091-06, -60	6317 Triple Crown Lane	Town Centre/Mela	TPM#19116	SFA	O							1	9/15/2021							1								11/30/2022	N											Add 86 of 135
241-091-06, -63	241-091-06, -63	6318 Triple Crown Lane	Town Centre/Mela	TPM#19112	SFA	O							1	9/15/2021							1								11/30/2022	N											Add 86 of 135
241-091-06, -65	241-091-06, -65	6319 Triple Crown Lane	Town Centre/Mela	TPM#19114	SFA	O							1	9/15/2021							1								11/30/2022	N											Add 86 of 135
241-091-06, -60	241-091-06, -60	6320 Triple Crown Lane	Town Centre/Mela	TPM#19116	SFA	O							1	9/15/2021							1								11/30/2022	N											Add 86 of 135
241-091-06, -63	241-091-06, -63	6321 Triple Crown Lane	Town Centre/Mela	TPM#19112	SFA	O							1	9/15/2021							1								11/30/2022	N											Add 86 of 135
241-091-06, -65	241-091-06, -65	6322 Triple Crown Lane	Town Centre/Mela	TPM#19114	SFA	O							1	9/15/2021							1								11/30/2022	N											Add 86 of 135
241-091-06, -60	241-091-06, -60	6323 Triple Crown Lane	Town Centre/Mela	TPM#19116	SFA	O							1	9/15/2021							1								11/30/2022	N											Add 86 of 135
241-091-06, -63	241-091-06, -63	6324 Triple Crown Lane	Town Centre/Mela	TPM#19112	SFA	O							1	9/15/2021							1								11/30/2022	N											Add 86 of 135
241-091-06, -65	241-091-06, -65	6325 Triple Crown Lane	Town Centre/Mela	TPM#19114	SFA	O							1	9/15/2021							1								11/30/2022	N											Add 86 of 135
241-091-06, -60	241-091-06, -60	6326 Triple Crown Lane	Town Centre/Mela	TPM#19116	SFA	O							1	9/15/2021							1								11/30/2022	N											Add 86 of 135
241-091-06, -63	241-091-06, -63	6327 Triple Crown Lane	Town Centre/Mela	TPM#19112	SFA	O							1	9/15/2021							1								11/30/2022	N											Add 86 of 135
241-091-06, -65	241-091-06, -65	6328 Triple Crown Lane	Town Centre/Mela	TPM#19114	SFA	O							1	9/15/2021							1								11/30/2022	N											Add 86 of 135
241-091-06, -60	241-091-06, -60	6329 Triple Crown Lane	Town Centre/Mela	TPM#19116	SFA	O							1	9/15/2021							1								11/30/2022	N											Add 86 of 135
241-091-06, -63	241-091-06, -63	6330 Triple Crown Lane	Town Centre/Mela	TPM#19112	SFA	O							1	9/15/2021							1								11/30/2022	N											Add 86 of 135
241-091-06, -65	241-091-06, -65	6331 Triple Crown Lane	Town Centre/Mela	TPM#19114	SFA	O							1	9/15/2021							1								11/30/2022	N											Add 86 of 135
241-091-06, -60	241-091-06, -60	6332 Triple Crown Lane	Town Centre/Mela	TPM#19116	SFA	O							1	9/15/2021							1								11/30/2022	N											Add 86 of 135
241-091-06, -63	241-091-06, -63	6333 Triple Crown Lane	Town Centre/Mela	TPM#19112	SFA	O							1	9/15/2021							1								11/30/2022	N											Add 86 of 135
241-091-06, -65	241-091-06, -65	6334 Triple Crown Lane	Town Centre/Mela	TPM#19114	SFA	O							1	9/15/2021							1								11/30/2022	N											Add 86 of 135
241-091-06, -60	241-091-06, -60	6335 Triple Crown Lane	Town Centre/Mela	TPM#19116	SFA	O							1	9/15/2021							1								11/30/2022	N											Add 86 of 135
241-091-06, -63	241-091-06, -63	6336 Triple Crown Lane	Town Centre/Mela	TPM#19112	SFA	O							1	9/15/2021							1								11/30/2022	N											Add 86 of 135
241-091-06, -65	241-091-06, -65	6337 Triple Crown Lane	Town Centre/Mela	TPM#19114	SFA	O							1	9/15/2021							1								11/30/2022	N											Add 86 of 135
241-091-06, -60	241-091-06, -60	6338 Triple Crown Lane	Town Centre/Mela	TPM#19116	SFA	O							1	9/15/2021							1								11/30/2022	N											Add 86 of 135
241-091-06, -63	241-091-06, -63	6339 Triple Crown Lane	Town Centre/Mela	TPM#19112	SFA	O							1	9/15/2021							1								11/30/2022	N											Add 86 of 135
241-091-06

Jurisdiction	<Type here>	
Reporting Year	2020	(Jan. 1 - Dec. 31)
Planning Period	6th Cycle	(mm/dd/yy - mm/dd/yy)

ANNUAL ELEMENT PROGRESS REPORT
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Note: "+" indicates an optional field

Cells in grey contain auto-calculation formulas

Jurisdiction	<Type here>	
Reporting Year	2020	(Jan. 1 - Dec. 31)
Planning Period	6th Cycle	(mm/dd/yy - mm/dd/yy)

ANNUAL ELEMENT PROGRESS REPORT
Housing Element Implementation

Note: "+" indicates an optional field

Cells in grey contain auto-calculation formulas

Jurisdiction	<Type here>	
Reporting Year	2020	(Jan. 1 - Dec. 31)
Planning Period	6th Cycle	(mm/dd/yy - mm/dd/yy)

ANNUAL ELEMENT PROGRESS REPORT
Housing Element Implementation

Note: "+" indicates an optional field

Cells in grey contain auto-calculation formulas

Jurisdiction	Cypress
Reporting Year	2020 (Jan. 1 - Dec. 31)
Planning Period	5th Cycle 10/15/2013 - 10/15/2021

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Note: "+" indicates an optional field

Cells in grey contain auto-calculation formulas

Jurisdiction	Cypress	
Reporting Year	2023	(Jan. 1 - Dec. 31)
Planning Period	6th Cycle	10/15/2021 - 10/15/2029

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This table is auto-populated once you enter your jurisdiction name and current year data. Past year information comes from previous APRs.

Please contact HCD if your data is different than the material supplied here

Table B
Regional Housing Needs Allocation Progress
Permitted Units Issued by Affordability

		1		2									3	4
Income Level		**RHNA Allocation by Income Level**	**Projection Period - 06/30/2021-10/14/2021**	**2021**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**Total Units to Date (all years)**	**Total Remaining RHNA by Income Level**
Very Low	Deed Restricted	1,150	-	-	-	-	-	-	-	-	-	-	17	1,133
	Non-Deed Restricted		1	1	7	8	-	-	-	-	-	-		
Low	Deed Restricted	657	-	-	-	-	-	-	-	-	-	-	-	657
	Non-Deed Restricted		-	-	-	-	-	-	-	-	-	-		
Moderate	Deed Restricted	623	-	-	-	-	-	-	-	-	-	-	1	622
	Non-Deed Restricted		-	-	-	1	-	-	-	-	-	-		
Above Moderate		1,506	1	4	408	45	-	-	-	-	-	-	458	1,048
Total RHNA		**3,936**												
Total Units			**2**	**5**	**415**	**54**	**-**	**-**	**-**	**-**	**-**	**-**	**476**	**3,460**

Progress toward extremely low-income housing need, as determined pursuant to Government Code 65583(a)(1).

	5										6	7
	Extremely low-Income Need		**2021**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**Total Units to Date**	**Total Units Remaining**
Extremely Low-Income Units*	575		-	-	-	-	-	-	-	-	-	-	575

*Extremely low-income houisng need determined pursuant to Government Code 65583(a)(1). Value in Section 5 is default value, assumed to be half of the very low-income RHNA. May be overwritten.

Please Note: Table B does not currently contain data from Table F or Table F2 for prior years. You may login to the APR system to see Table B that contains this data.

Note: units serving extremely low-income households are included in the very low-income RHNA progress and must be reported as very low-income units in section 7 of Table A2. They must also be reported in the extremely low-income category (section 13) in Table A2 to be counted as progress toward meeting the extremely low-income housing need determined pursuant to Government Code 65583(a)(1).

Please note: For the last year of the 5th cycle, Table B will only include units that were permitted during the portion of the year that was in the 5th cycle. For the first year of the 6th cycle, Table B will only include units that were permitted since the start of the planning period. Projection Period units are in a separate column.

Please note: The APR form can only display data for one planning period. To view progress for a different planning period, you may login to HCD's online APR system, or contact HCD staff at apr@hcd.ca.gov.

VLI Deed Restricted
VLI Non Deed Restricted

Jurisdiction	Cypress	
Reporting Year	2023	(Jan. 1 - Dec. 31)
Planning Period	6th Cycle	10/15/2021 - 10/15/2029

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Housing Element Implementation

Note: "+" indicates an optional field

Cells in grey contain auto-calculation formulas

Table C

Sites Identified or Rezoned to Accommodate Shortfall Housing Need and No Net-Loss Law

Project Identifier				Date of Rezone	RHNA Shortfall by Household Income Category				Rezone Type	Sites Description							
1				2	3				4	5	6	7	8		9	10	11
APN	Street Address	Project Name+	Local Jurisdiction Tracking ID+	Date of Rezone	Very Low-Income	Low-Income	Moderate-Income	Above Moderate-Income	Rezone Type	Parcel Size (Acres)	General Plan Designation	Zoning	Minimum Density Allowed	Maximum Density Allowed	Realistic Capacity	Vacant/Nonvacant	Description of Existing Uses
Summary Row: Start Data Entry Below																	

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Jurisdiction	Cypress	
Reporting Year	2023	(Jan. 1 - Dec. 31)

Table D

Program Implementation Status pursuant to GC Section 65583

Housing Programs Progress Report
Describe progress of all programs including local efforts to remove governmental constraints to the maintenance, improvement, and development of housing as identified in the housing element.

1	2	3	4
Name of Program	**Objective**	**Timeframe in H.E**	**Status of Program Implementation**
1. Home Enhancement Loan Program (HELP II)	**Assist low- and moderate-income homeowners with the improvement of their homes.**	**Annual**	**HELP II Loans were last funded by CDBG to provide assistance to three households during FY 2020/21. The City continues to monitor the administration of the 29 active loans funded to-date.**
2. Code Enforcement Program	**Bring substandard units into compliance with City codes.**	**Ongoing**	**The code enforcement program continues to assure residential conformity to maintenance and building standards. Funding assistance for rehabilitation is offered via Help II Loans. One curbside pick-up event per year and individual curbsite pick-ups for large items on request continue to help neighborhood maintenance efforts.**
3. Orange County Partnership Program	**Promote resident awareness and application for County-run housing assistance programs (i.e. Section 8 and MCC program).**	**Ongoing**	**Information on County housing programs is disseminated by City staff and by advertising on the City's website.**
4. Mobile Home Park Preservation	**Preserve Cypress' two mobile home parks.**	**Ongoing**	**Mobile Home Park Zoning and General Plan designations are maintained in place. Mobile home replacement units & infrastructure improvements are processed as non-discretionary permits.**
5. Preservation Of Affordable Housing Units At Risk Of Conversion	**Preserve the 220 affordable units at risk of conversion to market rate between 2021 and 2031.**	**Ongoing**	**Annual written notice is provided to property owners to ensure they are aware of new State tenant notification requirements.**
6. Replacement Of Existing Protected Units During Site Redevelopment	**Preserve affordable housing stock by requiring replacement of protected units as part of redevelopment.**	**Ongoing**	**During the previous reporting period, the City adopted a No Net Loss Policy. All proposed development projects are evaluated to ensure compliance with the replacement provisions.**
7. Alternative Housing Models	**Encourage the provision of more innovative housing types that may be suitable for the community, including community care facilities, supportive housing, and assisted living for seniors and the disabled, including developmentally disabled persons.**	**Ongoing**	**During the previous reporting period, the City amended the zoning ordinance to update provisions for ADUs, Density Bonuses, and reasonable accomodations for disabled persons.**
8. Affordable Housing Development Assistance	**Facilitate affordable housing development by for-profit and non-profit housing developers/ corporations.**	**Ongoing**	**The City actively pursues securing long term affordability covenants on projects in exchange for increased density. During the reporting period, an 8-unit apartment project with 2 covenanted affordable housing units was approved. Also, the senior housing project approved in 2021 with 50 affordable senior housing units is under construction.**

9. Accessory Dwelling Units	**Allow and promote ADU development which can serve as a valuable housing source for seniors, students, and other small households.**	**Ongoing**	**Cypress currently allows accessory dwelling units (ADU's) by right in appropriate residential zones pursuant to State law.**
10. Sustainability and Green Building	**Review ordinances and recommend changes where necessary to encourage energy-efficient housing design and practices that are consistent with State regulations. Encourage energy conservation devices for all new and existing residential projects.**	**Ongoing**	**The building code incorporates extensive energy efficiency provisions. During the reporting period, the City issued many EV charging permits and solar panel permits.**
11. Services for Individuals and Families Experiencing Homelessness	**Provide services to individuals/families experiencing homelessness including social services and referrals to emergency housing and other resources.**	**Ongoing**	**Appropriated annual funding for the Buena Park and Placentia Navigation Centers in conjunction with other North Orange County Service Planning Area cities and refer individuals to the shelters as necessary.**
12. Residential and Mixed-Use Sites Inventory	**Ensure the provision of adequate and appropriate sites for future housing development.**	**Ongoing**	**Continue to maintain an up-to-date sites inventory and provide this information to interested developers in conjunction with information on available development incentives. The City has begun the process for rezoning identified parcels in the sites inventory, with adoption expected in early 2025.**
13. Lot Consolidation Program	**Establish a lot consolidation program which offers incentives such as a reduction in development standards to merge adjacent lots.**	**Ongoing**	**The City has begun the process for amending the Lincoln Avenue Specific Plan to provide clearer provisions and incentives related to lot consolidation, with adoption expected in early 2025.**
14. By Right Approval of Projects with 20% Affordable Units on "Reuse" and Shortfall Sites	**Further incentivize affordable housing development on "reuse" and shortfall sites.**	**Ongoing**	**Completed Zoning Ordinance amendment to allow by right development of projects with 20% affordable units on sites that were identified in previously planning cycles and sites identified to meet the RHNA shortfall for lower income units.**
15. Remove Development Constraints	**Identify and remove development standards and other regulations that may constrain the development of affordable and market rate housing.**	**Ongoing**	**Completed Zoning Ordinance amendments related to emergency shelters in November 2021. Completed Zoning Ordinance amendment to provide objective design standards and modified multi-family residential parking standards.**
16. Affordable Housing Density Bonus	**Facilitate the development of mixed-income housing projects by offering density and other incentives.**	**Ongoing**	**Amended the Zoning Ordinance in May 2022 and 2023 to comply with state density bonus law. Continued to advertise and administer the City's updated density bonus provisions throughout the planning period.**
17. Efficient Project Processing	**Provide efficient development processing procedures.**	**Ongoing**	**Amended the Zoning Ordinance in 2023 to offer streamline development processing for affordable housing developments. The City established and implemented a streamlined, ministerial review process for multi-family projects qualifying under SB 35, develop objective design standards in compliance with SB 330, removed the CUP requirement for multifamily projects with four or more units in the RM-15 and RM-20 zones and replaced it with a streamlined site plan review process.**
18. Water and Sewer Service Providers	**Ensure that service providers are updated on long-term planning activities in the City.**	**Ongoing**	**Delivered a copy of the 2021-2029 Housing Element to all public agencies or private entities that provide water or sewer services to properties within Cypress.**
19. Reasonable Accommodations	**Ensure that measures are in place to accommodate the unique housing needs of persons with disabilities.**	**Ongoing**	**Amended the Zoning Ordinance in May 2022 to establish formal reasonable accommodation provisions and procedures.**

20. Affirmatively Furthering Fair Housing	**Promote housing opportunities for all people and segments of the community.**	**Ongoing**	**Continue to administer all programs and activities related to housing and community development in a manner which affirmatively furthers fair housing in compliance with Government Code Section 8899.50(b). The City also provides contact information to the public for the Fair Housing Council of Orange County and their services related to rental dispute resolution.**

General Comments

Jurisdiction	Cypress	
Reporting Period	2023	(Jan. 1 - Dec. 31)
Planning Period	6th Cycle	10/15/2021 - 10/15/2029

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(CCR Title 25 §6202)

Note: "+" indicates an optional field

Cells in grey contain auto-calculation formulas

Table E

Commercial Development Bonus Approved pursuant to GC Section 65915.7

Project Identifier				Units Constructed as Part of Agreement				Description of Commercial Development Bonus	Commercial Development Bonus Date Approved
1				2				3	4
APN	Street Address	Project Name^{+}	Local Jurisdiction Tracking ID^{+}	Very Low Income	Low Income	Moderate Income	Above Moderate Income	Description of Commercial Development Bonus	Commercial Development Bonus Date Approved
Summary Row: Start Data Entry Below									

Jurisdiction	Cypress	
Reporting Period	2023	(Jan. 1 - Dec. 31)
Planning Period	6th Cycle	10/15/2021 - 10/15/2029

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Note: "+" indicates an optional field

Cells in grey contain auto-calculation formulas

Table F
Units Rehabilitated, Preserved and Acquired for Alternative Adequate Sites pursuant to Government Code section 65583.1(c)

Please note this table is optional: The jurisdiction can use this table to report units that have been substantially rehabilitated, converted from non-affordable to affordable by acquisition, and preserved, including mobilehome park preservation, consistent with the standards set forth in Government Code section 65583.1, subdivision (c). Please note, motel, hotel, hostel rooms or other structures that are converted from non-residential to residential units pursuant to Government Code section 65583.1(c)(1)(D) are considered net-new housing units and must be reported in Table A2 and not reported in Table F.

Activity Type	Units that Do Not Count Towards RHNA+ Listed for Informational Purposes Only				Units that Count Towards RHNA + Note - Because the statutory requirements severely limit what can be counted, please contact HCD at apr@hcd.ca.gov and we will unlock the form which enable you to populate these fields.				The description should adequately document how each unit complies with subsection (c) of Government Code Section 65583.1+. For detailed reporting requirements, see the chcklist here:
	Extremely Low-Income+	Very Low-Income+	Low-Income+	TOTAL UNITS+	Extremely Low-Income+	Very Low-Income+	Low-Income+	TOTAL UNITS+	https://www.hcd.ca.gov/community-development/docs/adequate-sites-checklist.pdf
Rehabilitation Activity									
Preservation of Units At-Risk									
Acquisition of Units									
Mobilehome Park Preservation									
Total Units by Income									

CITY OF CYPRESS

CITY COUNCIL REPORT

City Council Regular **8.**

FROM: Alicia Velasco, Planning Director

DATE: 03/25/2024

SUBJECT: **Approve the Education, Outreach, and Communications Program for the Housing Element Implementation Ballot Measure**

RECOMMENDATION

Approve the education, outreach, and communications program for the Housing Element implementation ballot measure.

DISCUSSION

As part of the State-mandated Housing Element, the City Council allocated housing density across the Lincoln Avenue Specific Plan (LASP) and the Cypress Town Center and Commons Specific Plan 2.0 (CTCC). The allocation within the CTCC requires voter approval. On January 8, the City Council approved an agreement with TeamCivX to provide ballot measure education and community outreach to ensure voters are well-informed. The City is committed to a comprehensive public information effort in the coming months to ensure residents understand the impact of the measure and any questions the community might have. The public information effort will take place online, in the mailbox, and in-person.

Outreach	Timeframe
Update City website	Mid - April
Informational video	Mid - April
Digital advertising	May - June
Citywide informational mailer	Late April
Community meetings	May
Second Citywide informational mailer	Late May

By law, the City's role is to inform the voters, not advocate for a ballot measure. The outreach program will wrap-up in July, when it is anticipated the City Council will consider placing the measure on the ballot. Once the measure is on the ballot, the City will provide information on the website, but other outreach activities will cease.

BUDGET IMPACT

The majority of the education, communication, and outreach program is included within the $104,000 TeamCivX contract. However, additional costs are necessary to support TeamCivX's efforts, including video production, mailers, and advertising meetings. Funding is available in the Housing Element implementation budget.

LEGAL REVIEW

None required.

APPROVED BY: Peter Grant, City Manager

CITY OF CYPRESS

CITY COUNCIL REPORT

City Council Regular **9.**

FROM: Alicia Velasco, Planning Director

DATE: 03/25/2024

SUBJECT: **Approve a Task Order for an Environmental Impact Report for a Vesting Tentative Tract Map at Los Alamitos Race Course**

RECOMMENDATION

Approve a task order with LSA for the preparation of an Environmental Impact Report for $212,000 and a contingency of $21,000.

DISCUSSION

Los Alamitos Race Course (LARC) applied for a Vesting Tentative Tract map to subdivide its property. The application proposes to divide the 152-acre property into 18 parcels, with two parcels transferred to Seacoast Grace Church upon completion. No demolition or construction is proposed. The property is located in the Cypress Town Center and Commons Specific Plan. The subdivision is consistent with the Specific Plan.

An Environmental Impact Report (EIR) is required to analyze the project for any potential environmental impacts and to determine applicable mitigation measures that could be included as conditions of approval. It is anticipated the entitlement application(s) and the EIR will be presented to the City Council in early 2025.

LSA is one of the City's on-call planning firms and has extensive experience in preparing this type of analysis; therefore, it is recommended LSA prepare the EIR. The City will manage LSA's work while the applicant reimburses the City for the cost of LSA's work.

BUDGET IMPACT

The applicant is required to deposit the cost of the EIR with the City before the study is initiated. Any remaining deposit will be refunded to the applicant when the EIR is complete. The applicant is also required to pay project application fees which offset City costs to administer and manage the EIR.

LEGAL REVIEW

None required.

APPROVED BY: Peter Grant, City Manager

Attachments

LSA Task Order

LSA

CARLSBAD
CLOVIS
IRVINE
LOS ANGELES
PALM SPRINGS
POINT RICHMOND
RIVERSIDE
ROSEVILLE
SAN LUIS OBISPO

February 20, 2024

Alicia Velasco
Director of Planning/Community Development
City of Cypress
5275 Orange Avenue
Cypress, CA 90630

Subject: Proposal to Prepare an EIR for the Proposed Los Alamitos Race Course Tentative Tract Map Project in Cypress, California

Dear Ms. Velasco:

LSA is pleased to submit this proposal for the preparation of an Environmental Impact Report (EIR) for the proposed Los Alamitos Race Course (LARC) Development Project (proposed project) in Cypress, California, under its existing on-call contract with the City. As you know, LSA has extensive experience working with the City of Cypress (City), including ongoing involvement in the implementation of the City's 2021–2029 Housing Element, which includes increasing the allowable residential development capacity within portions of the LARC property. LSA will be able to effectively leverage its experience to complete the EIR quickly and efficiently.

LSA's preliminary review indicates that an EIR may be appropriate for environmental clearance of the proposed project. In addition to preparing the Program EIR in support of the proposed Housing Element rezoning, LSA has previously prepared technical analysis and environmental documentation for several nearby projects, including the 9-Acre Sports Park (Lexington Park) and Cypress Town Center (Melia Homes' Belmont Project). The environmental impact analysis in the EIR will evaluate impacts associated with the proposed project and will identify appropriate mitigation measures necessary to avoid or reduce significant environmental impacts.

I will serve as the Principal in Charge for this project, and Steve Letterly will serve as the Project Manager. Mr. Bensley and Mr. Letterly both have a solid working relationship with City staff. Together, we will provide the City with a professional approach, prompt service, and a high-quality product that will meet the requirements of CEQA and the *California Environmental Quality Act (CEQA) Guidelines*. LSA can assure you that it will respond to any relevant issues or concerns that may arise, present options consistent with your goals, and preserve the priorities you have established.

Thank you for this opportunity to submit this proposal. LSA looks forward to working with the City again. Should you require further information or have any questions regarding the enclosed material, please contact Mr. Bensley at (949) 553-0666 or by email at ryan.bensley@lsa.net.

Sincerely,
LSA Associates, Inc.



Ryan Bensley
Principal

Attachment: Proposal: LSA's Work Program for the Preparation of an EIR for the Proposed Los Alamitos Race Course Tentative Tract Map Project

LSA'S WORK PROGRAM FOR THE PREPARATION OF AN EIR FOR THE PROPOSED LOS ALAMITOS RACE COURSE TENTATIVE TRACT MAP PROJECT

PROJECT UNDERSTANDING

It is LSA's understanding that the Los Alamitos Race Course ownership (Applicant) has submitted a tentative tract map to the City of Cypress (City) that would allow for the subdivision of the Los Alamitos Race Course (LARC). The tentative tract map proposes to provide public access to the interior of the LARC superblock by creating a north-south public road connection from Moody Street to Siboney and extending Vessels Circle westward to meet the new Moody/Siboney roadway connection. The area that would be the subject of the tentative tract map (project site) generally includes the approximately 150-acre property that includes LARC and its associated horse barns and surface parking lots as well as some vacant land that is currently used for maintenance and operations activities. The proposed tentative tract map would allow for the future development of the area described in the Cypress Town Center and Commons Specific Plan 2.0 (Specific Plan), which was approved by Cypress voters in June 2018.

The Specific Plan established a comprehensive master plan and regulatory framework for the use and development of the project site. The proposed Environmental Impact Report (EIR) would analyze the buildout of the Specific Plan consistent with a proposed tract map that would account for future development needs. The tract map would allow for the development of up to 1,115 residential units, the remaining buildout capacity allowed under the Specific Plan. The proposed project would also modify the development plan proposed in the Specific Plan and divide the project site into lots as shown in Tentative Tract Map No. 19247, which will allow for future development to move forward on the project site.

SCOPE OF SERVICES

Based on the above understanding of the proposed project and review of previous project and publicly available supporting documentation, LSA has prepared a pragmatic work program for completion of an EIR for the proposed project.

Task 1.0: Project Initiation and Project Description

Task 1.1: Project Kick-Off Meeting

During project initiation, LSA will hold a kick-off meeting with City staff and the Applicant's team to discuss the current status of the proposed project and any changes that have occurred since development of this Scope of Work. LSA will participate in a kick-off meeting to initiate the project that will:

- Establish protocols for product review, communication, and coordination with the City and Applicant.
- Confirm the City's preferred format and structure for the EIR.

- Establish a mutual understanding of the environmental documentation objectives and key issues and explore community and City concerns regarding the project.
- Obtain relevant and available project description information.
- Identify and confirm the required discretionary actions for the proposed project.

Task 1.2: Project Description

Based on information provided by the City and Applicant, LSA will prepare a Project Description defining the proposed project to be evaluated in the EIR. LSA will use the Project Description to determine the potential environmental effects of implementation of the proposed project and to identify appropriate mitigation measures, if necessary. The Project Description is the core element of the EIR and related technical analyses; any substantial changes to the Project Description may result in a change to the scope and budget.

LSA will submit the draft Project Description to the City and Applicant for review and comment. For the purposes of this scope and budget, LSA will respond to one round of comments each from the City and Applicant and will update the Project Description, as necessary. This scope and budget assumes one set of nonconflicting, consolidated comments from the City and the Applicant. The overall schedule and budget are based on the assumption that the Project Description will be finalized during the project initiation task and that substantive changes to the Project Description will not be made later in the process.

Task 2.0: Technical Analyses

LSA is proposing to prepare the following project-specific technical analyses to address impacts associated with implementation the proposed project. Electronic copies of draft analyses will be submitted to the City and Applicant for review. Following one set of consolidated nonconflicting comments from the City and Applicant, LSA will revise and finalize each report. Should project plans and/or the Project Description change after the impact analysis has been conducted, and/or if additional rounds of comments or additional coordination is required, a budget augment will be necessary to complete the additional work.

Task 2.1: Air Quality, Greenhouse Gas Emissions, and Energy

Air Quality. The proposed project would generate construction emissions and new vehicle trips in the vicinity of the project site. This increase could contribute to existing air pollution and has the potential to exceed regional air emission thresholds established by the City of Cypress and the South Coast Air Quality Management District (SCAQMD). Following the SCAQMD's 1993 *CEQA Air Quality Analysis Handbook*, LSA will identify existing air quality conditions and potential air quality impacts resulting from the proposed project by undertaking the following subtasks when it prepares the Air Quality section of the EIR:

- **Define Setting and Baseline.** This task will be completed using meteorological and air quality data developed through the California Air Resources Board (CARB) and climatological and air quality profile data gathered by the SCAQMD. LSA will review and utilize information included in recent environmental documents covering the project site for the setting section of the EIR.

- **Describe Sensitive Receptors**. The setting section of the EIR will include a brief overview of the nature and location of existing sensitive receptors within the vicinity of the project site, including residents, schools, and hospitals.

- **Determine the Project's Consistency with Adopted Plans.** LSA will review adopted plans related to clean air in the State of California, the SCAQMD, and the City of Cypress and determine the project's consistency with these plans.

- **Assess Project Construction Emissions.** Construction activities associated with the proposed project would generate increased particulate emissions associated with demolition, site preparation, grading, soil hauling, and other construction activities on the project site. Construction equipment exhaust would also be a source of air pollution. LSA will calculate the regional construction emissions using the California Emissions Estimator Model version 2022.1 (CalEEMod).

- **Assess Project Operation-Period Air Quality Impacts.** The project would generate new vehicular trips within the region. Regional emissions of criteria air pollutants associated with long-term operations from vehicle trips will be calculated with CalEEMod. In addition, emissions associated with stationary sources, such as on-site energy consumption and landscaping equipment will be estimated.

- **Localized Significance Thresholds (LSTs) Analysis**. Localized impacts of nitrogen oxides (NO_x), carbon monoxide (CO), particulate matter less than 10 microns in size (PM_{10}), and particulate matter less than 2.5 microns in size ($PM_{2.5}$) will be evaluated consistent with the methodology established by the SCAQMD.

- **Identify Mitigation Measures.** LSA will identify practical mitigation measures to address any significant project or cumulative impacts. Mitigation measures designed to reduce the project's short-term construction and long-term air quality impacts will be identified. Mitigation measures established by the SCAQMD for dust suppression will be identified to reduce construction impacts. Both an evaluation of the potential mitigation measures and a discussion of their effectiveness will be provided.

Greenhouse Gas Emissions. Typically, an individual project does not generate sufficient greenhouse gas emissions to influence global climate change significantly on its own; therefore, the issue of global climate change is cumulative in nature. However, implementation of the project, through construction and operational activities, would generate greenhouse gas emissions that would cumulatively contribute to global climate change. LSA will prepare the Greenhouse Gas Emissions section of the EIR, which will include a technical analysis evaluating the impacts of project-related greenhouse gas emissions. LSA will conduct the following tasks as part of this analysis:

- **Describe Existing Environmental Setting.** LSA will summarize up-to-date information related to global climate change, along with the climate/meteorology conditions in the planning area, and the State and regional setting.

- **Describe the Existing Regulatory Framework.** The existing regulatory framework for global climate change will be described, including applicable federal, State, and local policies, regulations, and programs (particularly regulations/guidelines that apply to CEQA review).

- **Assess Project Greenhouse Gas Emissions.** LSA will provide a quantitative assessment of greenhouse gas emissions associated with all relevant sources related to the project, including construction activities, new vehicle trips, energy consumption, water usage, and solid waste generation and disposal using CalEEMod.

- **Determine the Project's Consistency with Adopted Plans**. LSA will also provide a qualitative assessment of the proposed project's consistency with relevant greenhouse gas emission reduction plans and regulations.

- **Identify Mitigation Measures.** LSA will identify, where necessary, practical mitigation measures to address any significant project or cumulative impacts. Mitigation measures designed to reduce the project's short-term construction and long-term air quality impacts to the extent feasible will be identified. Both an evaluation of the potential mitigation measures and a discussion of their effectiveness will be provided.

Energy. The implementation of the proposed project would increase the demand for energy consumption during both construction and operation of the project, including diesel fuel use for construction off-road equipment, diesel and gasoline fuel use for construction on-road vehicles, diesel and gasoline fuel use from vehicle trips generated by the project, operational natural gas usage, and operational electricity consumption. Therefore, LSA will prepare an energy analysis to evaluate the energy use for construction and operation associated with the implementation of the proposed project, which will be included as a section of the EIR. Supporting technical analysis, such as modeling output, will be included as an appendix to the EIR. LSA will conduct the following tasks as part of this analysis:

- **Analyze Short-term Construction Energy Use.** LSA will estimate construction-period energy usage associated with diesel fuel use for construction off-road equipment and diesel and gasoline fuel use for construction on-road vehicles, using the results of CalEEMod and fuel consumption provided in CARB's EMFAC2021 model.
- **Analyze Long-term Operational Energy Use.** Once operational, energy use associated with the proposed project would result from natural gas use, electricity consumption, and fuel used for vehicle trips. Fuel use associated with vehicle trips will be calculated based on the trip generation rates identified in the project's trip generation estimates and vehicle fuel consumption provided in EMFAC2021. Energy data estimated using the CalEEMod model will be reported.
- **Determine Project's Consistency with Energy Efficiency Standards.** The analysis will also address the project's compliance with applicable energy efficiency standards and will cross reference the discussion provided in the greenhouse gas (GHG) emissions discussion, as necessary. For purposes of this analysis, impacts to energy resources will be considered to be significant if the project would result in the wasteful, inefficient, or unnecessary consumption of fuel or energy.

Task 2.2: Biological Resources

LSA will conduct a literature review to identify sensitive species known or reported to occur within the project site and surrounding area. The literature review will include the California Natural Diversity Data Base (CNDDB), the United State Fish and Wildlife Service Information, Planning, and Consultation System (USFWS IPaC), and the California Native Plant Society (CNPS) Electronic Inventory. A general on-site survey will be conducted by an LSA biologist familiar with the habitats and sensitive resources of the region. LSA will then prepare a report including a summary of the results of the literature review and field survey. The report will include the following:

- A summary of survey methodology and results, figures and maps showing the project site location and vicinity, a list of species observed during the site visit, and a discussion of plant communities and mapped soils on the project site.
- An assessment of potential habitat value for sensitive species, including a bat habitat assessment that will identify potential roosting opportunities in trees and man-made structures, and identification of any additional focused species surveys that may be necessary.
- The identification of areas that may potentially be considered jurisdictional wetlands, waters of the U.S. or streambeds, as defined by the U.S. Army Corps of Engineers (USACE) and the California Department of Fish and Wildlife (CDFW). (A formal delineation of jurisdictional areas is not included in this task.)
- A discussion of direct, indirect, and cumulative impacts of the proposed project to sensitive biological resources.
- Graphics as needed to show project relationship to designated critical habitat areas and locations of any potential sensitive species habitat or sensitive natural communities on the project site.

Task 2.3 Jurisdictional Delineation and Reporting (Conditional Task)

Should potential jurisdictional features be identified, LSA will inform the City prior to conducting the following jurisdictional delineation process, which consists of a three-parameter delineation conducted according to the Interim Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Arid West Region and the 1987 Corps Wetland Delineation Manual to delineate the jurisdictional limits of non-wetland waters of the United States following the procedures set forth in 33 Code of Federal Regulations 328.3(e). LSA anticipates that a routine delineation (as defined by the United States Army Corps of Engineers [USACE]) that is tailored to the site characteristics will be adequate. The delineation should also consider any additional information needs based on the State's Wetland Definition and Procedures for Discharges of Dredged or Fill Material to Waters of the State as administered by the Regional Water Quality Control Board (RWQCB). Further, the extent of any streambed and associated riparian areas subject to review by the CDFW under Section 1602 of the California Fish and Game Code will be determined. It is anticipated that one site visit will be required as part of this task. The results of the draft jurisdictional delineation will require verification and approval by the USACE, the RWQCB, and the CDFW.

A request for an approved Jurisdictional Determination from the USACE is included in the scope of work. LSA assumes that one site visit and one virtual meeting for USACE verification of the determination will be required. The scope for this task does not include any substantial new data requests by the USACE, the RWQCB, or the CDFW. In the unlikely event that the resource agencies make such requests, LSA can provide a budget augment.

The CDFW typically does not verify jurisdictional determinations until a Notification of Streambed Alteration is submitted as part of the permitting process, which is not included in this scope of work. An informal verification of the jurisdictional delineation will be requested as part of the project coordination with the CDFW, but verification may not be obtained.

LSA will prepare a technical report presenting the results of the jurisdictional delineation. The report will be suitable for submittal to the involved agencies for purposes of permit application and for inclusion as a technical appendix. Accordingly, the report will identify and quantify jurisdictional areas and features, including a breakdown of wetlands and non-wetland waters of the United States, waters of the State, and CDFW jurisdictional areas. The report will also identify features as earthen or concrete. An estimate of permanent and temporary impacts (as well as earthen versus concrete) resulting from the discharge of fill material into jurisdictional areas will not be included in this delineation report but will be provided upon request.

Task 2.4: Cultural Resources

An LSA architectural historian will prepare an addendum to the Historic Resources Assessment report for the LARC property, which was prepared by LSA in conjunction with the 2021–2029 Housing Element Implementation Program EIR. The addendum will address potential project impacts to LARC resulting from the proposed tentative tract map. The addendum, which will be in the form of a letter report, will consist of the following: a summary of the previous historic resource evaluation of the LARC, a detailed project description based on information provided by the Applicant, an analysis of the proposed project's potential impacts on LARC using the Secretary of the Interior's Standards for the Treatment of Historic Properties as appropriate, and recommendations for mitigation measures if appropriate.

This scope stipulates that the proposed project involves demolition of LARC's character-defining features. If the project changes to include adaptive reuse of these features, scope and budget augments will be required.

Task 2.5: Native American Consultation per Assembly Bill 52 (Gatto)

As required under CEQA, specifically Public Resources Code Section 21080.3.1 and Chapter 532 Statutes of 2014 (i.e., Assembly Bill [AB] 52), Native American consultation is required for any CEQA project that has a notice of preparation, or a notice of negative declaration or mitigated negative declaration filed on or after July 1, 2015. This is a government-to-government process between the CEQA Lead Agency, and the Native American tribe(s) that request consultation.

At the City's direction, LSA may provide the following assistance with AB 52 consultation: obtain the results of a Sacred Lands File (SLF) search and list of Native American tribes and representatives designated for consultation from the Native American Heritage Commission (NAHC), either send

notification letters on the City's behalf to each designated tribe/representative regarding the project or provide the letters in draft form for the City's use, and compile an administrative record of the results of initial notification. LSA assumes that the government-to-government consultation with the tribes/Native American representatives regarding cultural resources, Tribal Cultural Resources (TCRs), Traditional Cultural Properties (TCPs), or any project-related tribal cultural heritage concerns will be conducted entirely by the City.

Task 2.6: Noise and Vibration

LSA will prepare a Noise and Vibration Impact Analysis that quantifies existing ambient noise levels in the area, summarizes applicable regulatory criteria, assesses the potential for future noise impacts, and identifies noise reduction measures to avoid or minimize noise impacts. The Noise Impact Analysis, which will be included in the Noise section of the EIR, will be completed by undertaking the following subtasks.

- **Describe the existing regulatory framework.** Applicable State and City noise criteria for the project site will be identified. Noise standards, including General Plan noise policies and Noise Ordinances, will be discussed. LSA will also provide a summary of the fundamentals of noise and vibration. Noise level standards for the proposed land uses will be identified.

- **Characterize existing noise environment.** Based on the project site's location, the dominant noise source in the project site would be traffic noise on adjacent roadways, surrounding commercial and industrial operations, and Joint Forces Training Base (JFTB) Los Alamitos operations. LSA will conduct up to three (3) long-term noise measurements with a minimum duration of 24 hours at the project site and within the surrounding area. These measurements will help identify the existing noise levels and help to calibrate the modeling of future noise level impacts.

- **Assess short-term construction noise impacts.** Noise levels generated from project construction will be evaluated based on a standard equipment list, the average distances to existing adjacent off-site uses, the equipment power type (gasoline or diesel engine), the load factor, and the percentage of time in use. The Federal Highway Administration (FHWA) recommended equipment noise emission levels will be used to describe construction noise levels in terms of maximum instantaneous noise levels (L_{max}) and hourly equivalent continuous sound levels (L_{eq}). Potential construction noise impacts will be assessed based on the City's Municipal Code.

- **Assess short-term construction vibration impacts.** Vibration levels generated from project construction will be evaluated based on standard equipment expected to be used and reference distances to existing adjacent off-site structures. The Federal Transit Administration (FTA)-recommended equipment vibration levels will be used to describe construction vibration levels in terms of the peak particle velocity (PPV, measured in inches per second [in/sec]) for potential building damage and vibration velocity decibels (VdB) for potential human annoyance. Potential construction vibration impacts will be assessed based on the sensitivity of the area directly adjacent to the project site and the FTA recommendations.

- **Calculate project and cumulative noise impacts.** Based on the estimated increase in vehicle trips, LSA will evaluate noise impacts from project-related and cumulative vehicular trips using

the FHWA noise modeling program. Model input data will include average daily traffic levels, day/night percentages of autos, medium and heavy trucks, vehicle speeds, ground attenuation factors, and roadway widths. Projected future noise levels along selected roadway and highway segments will be provided in a table format to show the relationship between vehicle-related noise and distance from the roadway.

- **Assess long-term operational noise impacts.** In addition to analyzing project-related traffic noise impacts, LSA will qualitatively assess noise impacts associated with project-related stationary source noise, such as loading and unloading activities, parking lot activities, and heating, ventilation, and air conditioning (HVAC) equipment.

- **Assess land use compatibility.** LSA will compare the existing noise environment to land use compatibility standards for the proposed land use designations. The compatibility assessment will include recommendations for noise reduction measures, as necessary, to achieve compliance with adopted policies and standards. Noise levels with implementation of the measures will also be provided.

- **Identify noise reduction measures.** If necessary, LSA will identify practical measures to address any potential project-level or cumulative-level noise impacts. Any measures necessary to reduce the project's short-term construction and/or long-term impacts to acceptable noise levels will also be identified. Both an evaluation of the potential measures and a discussion of their effectiveness will be provided.

Task 2.7: Transportation Impact Analysis and Vehicle Miles Traveled Memorandum

LSA will peer review the Transportation Impact Analysis (TIA) and Vehicle Miles Traveled (VMT) Analysis prepared for the proposed project to determine whether they are satisfactory for summarization in the EIR. LSA's peer review will confirm that the TIA and VMT Analysis conform to the traffic analysis requirements of the City of Cypress, the County of Orange, and the applicable provisions of CEQA. LSA will also confirm that the TIA and VMT Analysis are prepared using accepted transportation planning and traffic engineering methodologies and procedures.

LSA will prepare a memorandum documenting the results of the peer review, including any comments. An electronic copy of the memorandum will be submitted to the City. LSA will complete one follow-up review of the revised technical report to ensure that the initial set of peer review comments were adequately addressed.

Task 3.0: Draft Environmental Impact Report (CEQA Compliance)

Task 3.1: Notice of Preparation (NOP) and Scoping Process

Subtask 3.1.1: Prepare and Distribute Notice of Preparation. LSA will prepare an NOP per Section 15082 of the *State CEQA Guidelines*. The NOP will include a brief Project Description, a site map, the topics to be evaluated in the EIR, probable environmental effects of the proposed project, and the process for completing the EIR. It will also provide notice of a public scoping meeting to present the proposed project to the public. LSA will submit the NOP to the City for review and signature.

Once finalized, the NOP will be prepared for distribution. This Scope of Work assumes the City will provide its distribution list and the radius distribution list for private addresses (i.e., neighbors). Using the City's distribution list, LSA will identify responsible, State, trustee agencies, and/or other interested parties and members of the public who should receive the NOP. LSA will provide the mailing list to the City for review and approval.

LSA will file the NOP with the Orange County Clerk-Recorder. The City will be responsible for posting the NOP on the City's website and for making arrangements to have the NOP published in local newspapers or posted in the vicinity of the project site in compliance with relevant sections of the Government Code. LSA will provide the City with the NOP as a PDF for posting.

LSA will distribute/mail the NOP to persons/agencies/organizations on the City's mailing list and radius distribution list. LSA will prepare up to 30 hard copies of the NOP for distribution to the City and responsible agencies. LSA will provide the City with delivery confirmation of each copy of the NOP that is distributed.

LSA will also submit electronic copies of the NOP and Notice of Completion (NOC) form to the State Clearinghouse CEQA Portal for distribution to State agencies (the City has already provided authorization for LSA to submit documents to the CEQA Portal on its behalf). As of November 2, 2020, the State Clearinghouse no longer expects any form of paper copy submissions for CEQA documents.

Subtask 3.1.2: Early Consultation (Scoping). LSA will assist the City in coordinating one public scoping meeting. LSA will prepare a presentation and provide CEQA-related display boards (a maximum of four). The purpose of the meeting will be to collect information on environmental issues prior to initiating the environmental review. At the open house, attendees will be invited to submit comment to City staff; no verbal comments will be taken at the meeting and no video recording or streaming comments will be taken.

Subsequent to closure of the 30-day NOP review period, LSA will review all comments received during the NOP review period, including comments received at the scoping meeting, and will prepare a summary scoping report. LSA will identify any new issues that are applicable for incorporation into the EIR, recommend any needed changes to the proposed Scope of Work, and ensure that all submitted concerns are adequately covered by the EIR. The scoping report and public comments will be included as an appendix of the Draft EIR. The scoping summary report will be provided to the City for review and approval.

Task 3.2: Draft EIR

Subtask 3.2.1: Preparation of the Administrative Draft EIR. LSA will prepare an Administrative Draft EIR for review by the City and Applicant in accordance with the requirements of CEQA and the *State CEQA Guidelines*. The Administrative Draft EIR will reflect CEQA requirements along with any requirements of regulatory and responsible agencies as determined by comments received during the scoping meeting or through the NOP process. The EIR will rely on technical analyses/reports completed for the proposed project. The EIR will also address all of the threshold questions included in Appendix G of the *State CEQA Guidelines*. It should be noted that LSA's recent work on the

Program EIR for the Housing Element Implementation Project should allow the firm to capture some efficiencies in the preparation of the EIR as that document also addressed potential environmental impacts associated with development on the project site.

To ensure that the EIR is organized in a manner consistent with the City's expectations, LSA will provide City staff with a draft EIR outline in electronic format. The Administrative Draft EIR will contain all applicable environmental components required by CEQA, including an Introduction and Project Description; Setting, Impacts (Project and Cumulative), Mitigation, and Level of Significance; and mandatory CEQA topics (i.e., Growth Inducement and Appendix F/Energy Demand), Alternatives, Lists of References, Persons Consulted, and EIR Preparers. The Executive Summary impact table and Draft Mitigation Monitoring and Reporting Program (MMRP) will not be provided with the Administrative Draft EIR but will be submitted for review with the Preprint Draft EIR once the level of environmental impacts is agreed upon and the mitigation measure language is close to being finalized. The EIR that is submitted to the City and Applicant will reflect LSA's internal review and quality control procedures.

Each topic in the Administrative Draft EIR will include a discussion of the existing setting, thresholds of significance, project analysis, cumulative impacts, mitigation measures (if necessary), and level of significance after mitigation. The Administrative Draft EIR will compare the existing setting to the post-project environmental setting. Mitigation measures will be identified to address potentially significant impacts. Each section will discuss the potential short-term environmental impacts associated with project construction, the long-term effects associated with project operation, and the cumulative impacts associated with project implementation.

Preparation of the Administrative Draft EIR includes an evaluation of the potential impact of the proposed project on the various public services and utilities that will serve the project. The public services that will be analyzed include police and fire protection, solid waste collection, water, wastewater, libraries, and schools. Service letters will be sent to the relevant utilities and public agencies to solicit their comments with regard to the impacts of the proposed project on their respective services.

The General Plan for the City of Cypress presents a vision for the City's future and a strategy to make that vision a reality. Each element of the General Plan contains goals and policies to help guide development within the City. The EIR will address the proposed project's consistency with the General Plan. The General Plan consistency analysis will be included in the Land Use section of the Administrative Draft EIR.

LSA proposes to analyze two alternatives to the proposed project: the No Project/No Development Alternative as required by CEQA and the Build Alternative. In accordance with CEQA and the *State CEQA Guidelines*, Section 15126.6(d), each alternative will be evaluated in sufficient detail to determine whether the overall environmental impacts would be less or greater than the corresponding impacts of the proposed project. Furthermore, each alternative will be evaluated to determine whether the objective of the proposed project would be substantially attained by the alternative. The alternatives would not include an off-site alternative because the proposed project is site-specific. The Alternatives section will also include a statement identifying the environmentally superior alternative.

LSA will submit the Administrative Draft EIR to the City and Applicant for review (without the Executive Summary or the MMRP). For the purposes of this Scope of Work and budget, LSA assumes two rounds of review (Administrative Draft EIR I and II) with one set of non-conflicting, consolidated comments from the City and Applicant per round.

Subtask 3.2.2: Finalization of Draft EIR. After receiving comments from the City staff and the Applicant's team on the Administrative Draft EIR, LSA will make necessary revisions to the document, including completing the Executive Summary impact table. In compliance with PRC Section 21081.6, LSA will also prepare an MMRP. The MMRP will describe the required mitigation necessary to avoid or reduce significant impacts and the responsible parties, tasks, and schedule necessary for monitoring mitigation compliance. The MMRP will be incorporated into the certification documents for the Final EIR. LSA recommends circulation of the MMRP as part of the Draft EIR.

LSA will provide one electronic preprint version of the Draft EIR and technical appendices to City staff and the Applicant's team for a limited final review prior to printing the Draft EIR. The purpose of this review will be to review the entire document with all appendices and technical reports, and to verify that the City and Applicant are satisfied with the Draft EIR. Following receipt of approval, LSA will finalize the Draft EIR and prepare for reproduction. Once finalized, LSA will provide the City with up to 2 hard copies of the Draft EIR with technical appendices to be placed on flash drive. Additionally, LSA will provide one copy of the Draft EIR and technical appendices in PDF format, and will break the document into smaller, easily downloadable portions, easily placed on the City's website.

Subtask 3.2.3: Circulation of Draft EIR. Prior to distribution of the Public Review Draft EIR, LSA will prepare a draft public Notice of Availability (NOA) of the Draft EIR for City review. LSA will also work with the City to update the distribution list for the Public Review Draft EIR, as needed.

LSA will file the NOA with the Orange County Clerk-Recorder's Office, and the City will be responsible for posting the NOA on the City's website and making arrangements to have it published in local newspapers or posted in the vicinity of the project site in compliance with relevant sections of the Government Code. LSA will provide a PDF of the NOA to the City for posting.

LSA will file the NOA with the State Clearinghouse. The submittal to the State Clearinghouse will consist of the State Clearinghouse Summary Form, the NOA, the Notice of Completion (NOC), and an electronic copy of the Public Review Draft EIR. LSA will complete the NOC and Summary Form and will submit them to the City for review and signature. LSA will reproduce and distribute the NOA to appropriate agencies.

LSA will distribute up to 2 hard copies of the Draft EIR with technical appendices to be placed on USB flash drives to City staff. LSA will provide the City with delivery confirmation for each copy of the NOA distributed. In addition, LSA will provide bound copies of the Draft EIR with technical appendices on USB flash drive for the City Planning Division's counter and the City's library.

Task 4.0: Final Environmental Impact Report and Notice of Determination

Task 4.1: Response to Comments and EIR Revision

Following the public review period, LSA will prepare responses to public comments on the Draft EIR as received. LSA will work with the City to determine responsibilities for preparing the responses. General responses will be prepared for significant repetitive comments. Specific individual responses will be prepared as needed. LSA's objectives for the responses are to (1) be aggressive in establishing the strategy and determining responsibilities in order to maintain the schedule and minimize later revisions; (2) prepare a document that is well organized and usable by all parties, including the public; and (3) adequately respond to all comments. Although the focus of the responses will be on those comments that are truly subject to CEQA review, LSA will also endeavor to answer all questions in an informative manner.

Providing a budget estimate for responding to comments on the Public Review Draft EIR is extremely difficult because it is impossible to predict the volume and nature of the comments. Significant new analysis is not included in this task. LSA has allocated 50 hours of staff time to organize, prepare, and compile the responses to comments and prepare the Final EIR (discussed below). However, this estimate may change once comments are received and reviewed by the City and LSA. This is based on the assumption that the proposed project will attract a moderate amount of interest from the community. If the level of interest is higher than anticipated, additional budget may be required to respond to the commensurate amount of comments. To account for this uncertainty, LSA has included a $10,000 contingency that may be directed to this additional effort, if necessary.

One electronic copy of the response to comments document will be submitted to the City. For the purposes of this Scope of Work and budget, LSA assumes one set of non-conflicting, consolidated comments from the City.

Following review of the response to comments document by the City, LSA will prepare an Administrative Draft Final EIR consisting of: (1) the final MMRP (discussed below), (2) comment letters and responses with supporting materials in appendices, and (3) any modifications to the Draft EIR document that may be needed (to be accomplished through the preparation of an errata document). Minor revisions/corrections to the Draft EIR will be made within the responses themselves or incorporated by LSA into an errata section of the Final EIR. If the City prefers to have a Final EIR that reflects all changes in track changes (redline/strikeout), this can be provided in lieu of the errata.

LSA will submit the Administrative Draft Final EIR to the City for review. LSA will respond to one round of non-conflicting, consolidated comments from the City and the Applicant.

Task 4.2: Prepare Final Mitigation Monitoring and Reporting Plan

After the proposed Final EIR has been reviewed by the City, LSA will prepare a Final MMRP in accordance with the *State CEQA Guidelines*, Section 15097, for use in ensuring implementation of the mitigation measures for the project. The MMRP will contain an inventory of mitigation measures, the timing for their implementation (e.g., prior to issuance of grading permits), the

responsible staff or agency assigned to monitor the condition, and a compliance/noncompliance statement. LSA's Scope of Work and budget assume one set of non-conflicting, consolidated comments from the City. The approved Final MMRP will be attached to the City's resolution for consideration by the City Council.

Task 4.3: Distribute Final Environmental Impact Report

Once LSA has addressed the comments provided by the City on the Administrative Draft Final EIR, LSA will provide one electronic preprint version of the Final EIR to City staff for a limited final review prior to printing the Final EIR. The purpose of this review will be to review the entire document and to verify that the City is satisfied with the Final EIR. Following receipt of approval, LSA will prepare a preprint copy of the Final EIR for printing.

LSA will be responsible for the production of up to 2 hard copies of the Final EIR. The Final EIR will include the Draft EIR, Response to Comments/Errata, and the MMRP with technical appendices in an electronic format delivered on USB flash drive or other suitable media.

Subsequent to the finalization of the Final EIR, LSA will distribute responses to agency comments. Each agency will receive a cover letter, a coded copy of the agency's comment letter, and the responses to that agency's comments.

Task 4.4: Prepare CEQA Findings of Fact and Statement of Overriding Considerations

LSA will prepare the CEQA Findings of Fact and Statement of Overriding Considerations (if applicable) for consideration by the City Council. The Findings of Fact will be prepared in accordance with CEQA and the *State CEQA Guidelines*, Sections 15091 and 15121(b), and will make one of three specific findings for each significant environmental impact identified in the EIR. Each finding will be accompanied by a brief explanation of the rationale for the finding. The Findings of Fact will not include impacts found to be less than significant. For the purposes of this Scope of Work and budget, LSA will respond to one round of non-conflicting, consolidated comments from the City on the Findings of Fact and Statement of Overriding Considerations. LSA recommends that the Findings of Fact and Statement of Overriding Considerations (if applicable) be thoroughly reviewed and finalized by the City's legal counsel because of the legal nature of this document.

Subtask 4.5: Draft and File/Distribute Notice of Determination

Following the City's approval of the EIR, LSA will prepare and file an NOD with the County Clerk-Recorder. The Applicant will provide a check for all necessary filing fees (including CDFW fees) to be submitted to the County Clerk-Recorder with the NOD. Once the NOD is filed with the County Clerk-Recorder, LSA will provide the original CDFW receipt and copy of the filed NOD to the City for its records. LSA will also file the NOC and proof of payment of the CDFW fees with the State Clearinghouse within 5 days of the City's certification of the Final EIR.

Task 5.0: Project Management and Meeting Attendance

This task includes regular and effective coordination among LSA's Project Manager/Principal in Charge, City staff, and the Applicant. The project management role provides a mechanism to ensure that there is an adequate exchange of information during project start-up and preparation of the EIR. This task includes notifying City staff and the Applicant of problems as they are encountered and working expeditiously to resolve problems. Important elements of this task will be to maintain the project schedule, oversee the budget, and coordinate efforts with the project team. To facilitate dissemination of information, LSA's Project Manager will maintain ongoing verbal and email communication with City staff and the Applicant.

This scope provides for up to 12 monthly calls of no longer than one hour between LSA's Project Manager, City staff, and the Applicant, and LSA attendance at one kick-off meeting with the City, one coordination meeting regarding the proposed project, one working session to discuss City comments on the EIR, and one City Council hearing. In total, four meetings and 12 monthly coordination calls have been budgeted in this Scope of Work.

During the environmental documentation process, LSA will monitor the number of meetings actually attended to determine compliance with this estimate. Any additional meetings beyond the four meetings and twelve coordination calls described above will be attended on a time-and-materials basis, with prior written approval.

PROJECT SCHEDULE

Based on LSA's experience and understanding of the proposed project, preparation of the EIR can be completed within 10–12 months, including the 45-day public review period. It should be noted that LSA has demonstrated its ability to maintain project schedules under aggressive deadlines on many projects in Southern California. LSA recommends the City staff and the LSA Project Manager review the project schedule in Table A, below, and make changes as necessary at the project kick-off meeting.

Table A: Draft Project Schedule

Tasks	Duration
Task 1.0: Project Initiation and Project Description	
Project Kick-off Meeting	1 day
Prepare Project Description	2 weeks
City/Applicant Review Project Description and Finalize	2 weeks
TOTAL	***4 weeks***
Task 2.0: Technical Analyses	
Prepare Draft Technical Reports	10 weeks
City/Applicant Review	2 weeks
LSA Revisions	2 weeks
	14 weeks
Task 2.1: Native American Consultation	
Native American Consultation (Assembly Bill 52)	Unknown[1]
TOTAL	***Unknown***
Task 3.0: Draft EIR	
Task 3.1: NOP and Early Scoping	
Preparation of NOP	3 weeks
City/Applicant Review	3 days

Table A: Draft Project Schedule

Tasks	Duration
LSA Revisions	1 day
Public Circulation of NOP/Submittal to State Clearinghouse	30 days
Public Scoping Meeting	1 day
Task 3.2: Draft EIR	
Preparation of Administrative Draft EIR	12 weeks
City/Applicant Review of Administrative Draft EIR	1 week
Revisions to Administrative Draft EIR	2 weeks
City/Applicant Review	1 week
Prepare Preprint Draft EIR	1 week
City/Applicant Review	2 days
Finalize and Reproduce Draft EIR	3 days
Publish Draft EIR and Notice of Availability	1 day
Public Circulation of Draft EIR/Submittal to SCH with NOC	45 days
TOTAL	***6 months***
Task 4.0: Final EIR	
Preparation of Draft Responses to Comments, Final EIR	2 weeks[2]
City/Applicant Review of Draft Responses to Comments, Final EIR	2 weeks
Revisions to Responses to Comments, Final EIR	1–2 weeks
Preparation of MMRP, Findings of Fact, and SOC	2 weeks
City/Applicant Review of MMRP, Findings of Fact, and SOC	1 week
Revisions to MMRP, Findings of Fact, and SOC	1–2 weeks
Reproduction of Responses to Comments and Final EIR[3]	1 week
TOTAL	***10–12 Weeks***
City Council Public Hearing	1 day
File Notice of Determination with County Clerk and SCH	1 day (within 5 days of project approval)
Complete EIR Schedule	***11–12 months***

[1] It is not possible to accurately predict when the Native American consultation process will conclude during the project's environmental review.

[2] Responses to commenting agencies must be provided at least 10 days prior to certifying the EIR.

EIR = Environmental Impact Report
MMRP = Mitigation Monitoring and Reporting Program
NOC = Notice of Completion
NOP = Notice of Preparation
SCH = State Clearinghouse
SOC = Statement of Overriding Considerations

LSA will aggressively endeavor to keep the project on track. LSA also commits to providing sufficient staff to be available for assignment to the EIR. The schedule reflects a best effort to complete the project in a timely manner, while at the same time providing the time and attention necessary to ensure that the highest-quality analyses and products are received.

COST ESTIMATE

LSA proposes to accomplish Tasks 1.0 through 5.0 as described in the Work Program for an estimated fee of **$212,000**, as shown in Table B below. This proposal shall remain valid for 90 days from the proposal date.

Table B: Fee Estimate by Task

Task	Budget
Task 1.0: Project Initiation and Project Description	$ 4,500
Task 2.0: Technical Analyses	
Task 2.1: Air Quality, GHG, and Energy	
Subtask 2.1.1: Air Quality	$ 11,200
Subtask 2.1.2: GHG	$ 7,400
Subtask 2.1.3: Energy	$ 5,600
Task 2.2: Biology	$ 11,300
Task 2.3: Conditional Jurisdictional Delineation	$ 11,500
Task 2.4: Cultural Resources	$ 10,000
Task 2.5: AB 52 Consultation Support	$ 2,000
Task 2.5: Noise and Vibration	$ 10,000
Task 2.7: Transportation	$ 5,800
Task 3.0: Draft EIR	
Task 3.1: Notice of Preparation and Early Scoping	$ 5,700
Task 3.2: Preparation and Circulation of Draft EIR	$ 65,000
Task 4.0: Final EIR	
Task 4.1: Response to Comments and Finalize EIR	$ 15,000
Task 4.2: Prepare Mitigation Monitoring and Reporting Plan	$ 5,000
Task 4.3: Final EIR Document and Distribution	$ 9,000
Task 4.4: Prepare CEQA Findings	$ 5,000
Task 4.5: Distribute NOD	$ 1,000
Task 5.0: Project Management and Meeting Attendance	$ 15,000
Direct Costs	$ 2,000
Contingency Fee	$10,000
GRAND TOTAL	**$ 212,000**

AB 52 = Assembly Bill 52
CEQA = California Environmental Quality Act
EIR = Environmental Impact Report
GHG = greenhouse gas
NOD = Notice of Determination

LSA fees are charged on an hourly basis, consistent with the Schedule of Standard Contract Provisions and Billing Rates, and are provided in Appendix A. The work will be completed on a time-and-materials basis. The fee estimate above will not be exceeded without prior authorization. This fee is based on LSA's past experience related to the level of effort needed to complete the environmental process for projects of this type. LSA will aggressively identify strategies for reducing the overall work effort while maintaining the City's objectives and the legal adequacy of the work products. Should there be any changes to the scope described above, the budget may need to be revisited.

BUDGET SPECIFICATIONS AND REIMBURSABLE COSTS

Direct costs (including outside vendors used for photocopying) are to be reimbursed at cost, unless other arrangements are made in advance, and are not included in the hourly fee for professional services. Direct costs can be invoiced separately at your request. Appendix A provides a list of LSA's current fee schedule for direct costs.

Printing costs are difficult to quantify, since the size and composition (i.e., graphics size and medium) are uncertain at this time. LSA stresses that the cost of reproducing a document is not known until the document is complete. For the purposes of the reimbursable estimate provided above, LSA estimates a cost of $50 per draft document (with any technical information on compact disc [CD]) and $65 for the proposed final document (with any technical information on USB flash drive). Reimbursable expenses also include mileage for site visits, team meetings, and public meetings.

APPENDIX A

SCHEDULE OF STANDARD CONTRACT PROVISIONS AND BILLING RATES

SCHEDULE OF STANDARD CONTRACT PROVISIONS AND BILLING RATES

FEES FOR PROFESSIONAL SERVICES

Fixed-Fee Contracts

If a fixed-fee proposal, the professional services described in the Scope of Services Section of the attached proposal shall be provided for the fixed fee noted in the proposal. Invoices will be generated on a monthly basis based on the percentage of work completed and/or an agreed-upon schedule of values. The fixed fee includes all labor and expenses required to complete the defined scope of work. Any changes in the scope of work, significant delays, or additional tasks will be considered extra services. Extra services shall be provided on a time-and-expenses basis at the same rates specified for hourly contracts unless other arrangements are made in advance.

Hourly Contracts

If an hourly plus expenses proposal, the professional services described in the Scope of Services section of the attached proposal shall be provided on a time-and-materials basis at current hourly rates. These rates are as shown on a Rate Schedule that is attached or can be made available. Hourly rates are subject to review at least annually on or about June 1 of each year, and may be adjusted to reflect changing labor costs, at our discretion, at that time. (A schedule can be made available upon request.)

Direct costs (including cost of subconsultants) shall be reimbursed at cost plus 10 percent, unless other arrangements are made in advance, and are not included in the hourly fee for professional services.

The total estimated amount of time and expenses noted in the proposal will serve as a control on the services to be provided. The specified amount will not be exceeded without prior approval of the client.

EXTRA SERVICES

Services provided by LSA under this Agreement are defined in the Scope of Services section of the attached proposal. The Scope of Services was created with the intent of executing the specific tasks and level of service requested by the client. Any additions, changes to the Scope, or substantial delays to the schedule as defined in the Scope will be considered extra services. Extra services shall be provided on a time-and-expenses basis at the hourly rates in effect when the extra service is provided unless other arrangements are made in advance. Extra services will be communicated to and authorized by the client prior to commencing work. Should an alteration to the Scope include removing tasks or reducing the scope of the level of service, LSA shall invoice for the work performed prior to receiving written notice of the change.

INVOICING

Monthly invoices shall be submitted for progress payment based on work completed to date. LSA will invoice the client using our standard invoicing format and will submit the invoice to the client via electronic mail. Clients requesting changes to LSA's standard invoice or process for submittal may be billed additional time to develop the invoice and monthly administration of the billing.

PAYMENT OF ACCOUNTS

Terms are net 30 days. A service charge of 1.5 percent of the invoice amount (18 percent annual rate) may be applied to all accounts not paid within 30 days of invoice date. Any attorney's fees or other costs incurred in collecting any delinquent amount shall be paid by the client.

STANDARD OF CARE

Services provided by LSA under this Agreement will be performed in a manner consistent with the degree of care and skill ordinarily exercised by members of the same profession currently practicing under similar circumstances. LSA will endeavor to maintain consistent staff on the project; however, unforeseen issues outside of our control such as employee illness, relocation, injury, or departure can occur. From time to time, unforeseen circumstances require us to replace project staff or project managers with other equally qualified staff in order to meet our commitments. The terms of this proposal are not contingent upon work being performed by named staff. LSA reserves the right to substitute equally qualified staff when necessary.

PROJECT DELAYS

The terms of this Proposal are based on the anticipated project schedule. In the event of unanticipated project delays, the scope of services may be subject to amendment, change, or substitution.

INDEMNIFICATION

Client and consultant each agree to indemnify and hold the other harmless and their respective officers, employees, agents, and representatives from and against liability for all claims, losses, damages, and expenses, including reasonable attorneys' fees, to the extent such claims, losses, damages, and expenses are caused by the indemnifying party's negligent acts, errors, or omissions.

ELECTRONIC FILE DATA CHANGES

Copies of documents that may be relied upon by client are limited to the printed copies (also known as hard copies) that are signed or sealed by LSA. Files in electronic media format or text, data, graphic, or other types that are furnished by LSA to client are only for convenience of client. Any conclusion or information obtained or derived from such electronic files will be at the user's sole risk. When transferring documents in electronic media format, LSA makes no representations as to long-term compatibility, usability, or readability of documents resulting from the use of software application packages, operating systems, or computer hardware differing from those of LSA at the beginning of the assignment.

FORCE MAJEURE

Neither party shall be deemed to be in default on account of any delays or failure to perform its obligations under this Agreement, which directly results from an act of God, accident, riots, war, terrorist act, epidemic, pandemic, quarantine, civil commotion, breakdown of communication facilities, breakdown of web host, breakdown of internet service provider, erroneous data provided to consultant, natural catastrophes, governmental acts or omissions, changes in laws or regulations, national strikes, fire, explosion, generalized lack of availability of raw materials or energy.

LITIGATION

In the event that either party brings action under the proposal for the breach or enforcement thereof, the prevailing party in such action shall be entitled to its reasonable attorneys' fees and costs whether or not such action is prosecuted to judgment.

NOTICES

Any notice or demand desired or required to be given hereunder shall be in writing and shall be deemed given when sent through electronic means, personally delivered or deposited in the mail, and addressed to the parties as set forth in the proposal or to such other address as either party shall have previously designated by such notice. Any notice so delivered personally or electronically shall be deemed to be received on the date of delivery, and any notice mailed shall be deemed to be received 3 days after the date on which it was mailed.

TERMINATION OF CONTRACT

Either party may terminate this agreement with seven (7) days prior notice to the other party for convenience or cause. Consultant may terminate this Agreement for convenience or cause with 7 days prior written notice to client. Failure of client to make payments when due shall be cause for suspension of services, or ultimately termination of the contract, unless and until LSA has been paid in full all amounts due for services, expenses, and other related charges.

If this Schedule of Standard Contract Provisions is attached to a proposal, said proposal shall be considered revoked if acceptance is not received within 90 days of the date thereof, unless otherwise specified in the proposal.

LIMITS OF LIABILITY

LSA's liability to Client from any cause or combination of causes arising out of, or in connection with this Agreement, shall not exceed, in the aggregate, the greater of (i) the total Compensation actually received by Consultant under this Agreement, or (ii) Twenty Thousand Dollars ($20,000). The Client releases Consultant from any liability in excess thereof. The releases from liability and limitations on liability expressed in this Agreement shall apply even in the event of the fault, negligence, strict liability, or otherwise, of the party released or whose liability is limited and shall extend to the related entities of such party and its and their directors, officers, and employees.

CONFIDENTIALITY

The Parties agree that each shall treat confidentially the terms and conditions of this Agreement and all information provided by each party to the other regarding its business and operations. All confidential information provided by a party shall be used by any other party solely for the purpose of rendering or obtaining services pursuant to this Agreement and, except as may be required in carrying out this Agreement, shall not be disclosed to any third party without the prior consent of such providing party. The foregoing shall not be applicable to any information that is publicly available when provided or thereafter becomes publicly available other than through a breach of this Agreement, or that is required to be disclosed to any Regulatory Authority, or by judicial or administrative process or otherwise by Applicable Law.

HOURLY BILLING RATES EFFECTIVE JUNE 2023

Job Classification							Hourly Rate Range[1,2]
Planning	**Environmental**	**Transportation**	**Air/Noise**	**Cultural/ Paleontological Resources**	**Biology**	**GIS**	
Principal	Principal	Principal	Principal	Principal	Principal	Principal	$200–350
Associate	Associate	Associate	Associate	Associate	Associate	Associate	$140–250
Senior Planner	Senior Environmental Planner	Senior Transportation Planner/Engineer	Senior Air Quality/Noise Specialist/Noise Engineer	Senior Cultural Resources Manager/ Paleontologist	Senior Biologist/ Botanist/Wildlife Biologist/Ecologist/ Soil Scientist/ Herpetologist/ Arborist	Senior GIS Specialist	$130–230
Planner	Environmental Planner	Transportation Planner/Engineer	Air Quality/ Noise Specialist/ Noise Engineer/ Climate Change Specialist	Cultural Resources Manager/ Archaeologist/ Architectural Historian/ Paleontologist	Biologist/Botanist/ Wildlife Biologist/ Ecologist/Soil Scientist/ Herpetologist/ Arborist	GIS Specialist	$110–165
Assistant Planner	Assistant Environmental Planner	Assistant Transportation Planner/Engineer	Air Quality/ Noise Analyst	Cultural Resources Analyst	Assistant Biologist/ Botanist/Wildlife Biologist/Ecologist/ Soil Scientist/ Herpetologist/ Arborist	Assistant GIS Specialist	$105–135
Field Services							
Senior Field Crew/Field Crew							$85–120
Office Services							
Graphics							$125–150
Marketing							$115–195
Office Assistant							$100–140
Project Assistant							$105–135
Research Assistant/Intern							$75–100
Word Processing/Technical Editing							$105–135

[1] The hourly rate for work involving actual expenses in court (e.g., giving depositions or similar expert testimony) will be billed at $400 per hour regardless of job classifications.

[2] Hourly rates are subject to review at least annually, on or about June 1 of each year, and may be adjusted to reflect changing labor costs at LSA's discretion at that time.

LSA IN-HOUSE DIRECT COSTS EFFECTIVE JUNE 2023[1]

Description		Unit Cost	Description	Unit Cost
Reproduction	(8.5 x 11) B/W	$0.07 per page	Total Station Surveying Instrument	$50.00 per day
Reproduction	(8.5 x 11) Color	$0.40 per page	Level (Laser or Optical)	$25.00 per day
Reproduction	(11 x 17) B/W	$0.10 per page	Laser Rangefinder	$25.00 per day
Reproduction	(11 x 17) Color	$0.75 per page	Sound Meter	$75.00 per day
CD Production		$5.00 per CD	Sound Meter with Velocity Transducer	$85.00 per day
USB Flash Drive		$5.00 per drive	Aerial Photo	Cost
Plotting		$3.75 per sq ft	Boat Rental	Cost
Aerial Drone		$200.00 per day	Water Quality Meter	$25.00 per day
Mileage	On-Road	Current federal rate	Night Vision Goggles	$50.00 per unit per night
Mileage	Off-Road	Current federal rate	Wildlife Camera	$25.00 per day
GPS Unit		$75.00 per day		

[1] Direct costs shall be reimbursed at cost plus 10 percent.

CITY OF CYPRESS

CITY COUNCIL REPORT

City Council Regular **10.**

FROM: Matt Burton, Director of Finance and Administrative Services

DATE: 03/25/2024

SUBJECT: Adopt a Resolution Amending Hourly Pay Ranges for Temporary Part-Time and Seasonal Employees

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RECOMMENDATION

Adopt a Resolution amending hourly pay ranges for temporary part-time and seasonal employees.

DISCUSSION

The labor market has tightened significantly over the past several years. Recruiting employees, particularly at the supervisory and management level, has been challenging and often, requires multiple recruitments before a position is filled. This can result in a department having an unfilled position for months, which negatively impacts operations and public services. One strategy to help address these situations is hiring part-time interim employees while recruiting for a permanent replacement.

It is recommended the City Council amend the schedule for part-time positions to include all management classifications. Historically, the list was limited to executive management and five mid-management positions and expanding the list will provide departments the flexibility to hire part-time, temporary employees in critical positions. For example, there may be situations where a CalPERS annuitant with extensive, applicable experience may be available to assist a department on an interim basis while the recruitment for a full-time employee is be completed.

BUDGET IMPACT

None. Temporary part-time positions would only be authorized to fill vacant, full-time positions with sufficient salary savings.

LEGAL REVIEW

None required.

APPROVED BY: Peter Grant, City Manager

Attachments

Resolution
Attachment A - Part Time Pay Schedule

RESOLUTION NO.

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF CYPRESS, AND ACTING AS EX OFFICIO GOVERNING BOARD OF DIRECTORS OF THE CYPRESS RECREATION AND PARK DISTRICT AMENDING RESOLUTION NO. 6951 ESTABLISHING HOURLY PAY RANGES FOR TEMPORARY PART-TIME AND SEASONAL POSITIONS

WHEREAS, the Personnel Rules and Regulations of the City of Cypress require that amendments or revisions to the Position Classification Plan, revisions to class specifications or salary adjustments for positions be approved by the City Council, and acting as ex-officio Board of Directors of the Cypress Recreation and Park District; and

WHEREAS, it has been determined to be beneficial to City operations to have the ability to fill management positions with temporary staff while recruiting for a permanent replacement; and

WHEREAS, the remaining management classifications have been added to the list of available temporary, part-time positions to provide City departments the flexibility of filling any management position on a temporary basis if needed;

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL of the City of Cypress, and acting as ex-officio Board of Directors of the Cypress Recreation and Park District, that Resolution No. 6951 be amended as indicated below:

SECTION 1. Temporary, part-time and seasonal positions shall be compensated as indicated in Attachment “A”.

SECTION 2. Current and future pay increases for the temporary part-time classifications of Maintenance Worker, Office Assistant I/II, Recreation Specialist, and all management classifications will be adjusted to be consistent with the regular full-time classifications.

SECTION 3. A temporary part-time and seasonal employee is eligible for a merit increase within the salary range established for the position based on acceptable job performance as approved by the Department Director and provided that the employee has worked a minimum number of hours from the date of appointment or the date of the last merit increase as indicated on the Attachment “A”.

SECTION 4. A temporary part-time and seasonal employee must meet the qualifications of a position as specified in the job specification in order to qualify for a promotion to a position with a higher rate of pay. In addition, all promotions shall be based on acceptable job performance as approved by the Department Director.

SECTION 5. Incumbents of temporary part-time and seasonal positions receive no benefits except as required by State and Federal Law.

SECTION 6. All resolutions and parts of resolutions in conflict herewith are hereby rescinded.

PASSED AND ADOPTED by the City Council of the City of Cypress, and acting as ex-officio governing Board of Directors of the Cypress Recreation and Park District, at a regular meeting held on the 25th day of March, 2024.

_____
MAYOR OF THE CITY OF CYPRESS

ATTEST:

_____
CITY CLERK OFTHE CITY OF CYPRESS

STATE OF CALIFORNIA }

COUNTY OF ORANGE } SS

I, ALISHA FARNELL, City Clerk of the City of Cypress, DO HEREBY CERTIFY that the foregoing Resolution was duly adopted at a regular meeting of the said City Council held on the 25th day of March, 2024, by the following roll call vote:

AYES: COUNCIL MEMBERS:
NOES: COUNCIL MEMBERS:
ABSENT: COUNCIL MEMBERS:

_____
CITY CLERK OF THE CITY OF CYPRESS

ATTACHMENT "A"
CITY OF CYPRESS
TEMPORARY PART-TIME AND SEASONAL EMPLOYEES
HOURLY PAY RANGES
EFFECTIVE DECEMBER 22, 2023

	A	B	C	D	E
Recreation Leader I			$16.0000		
Recreation Leader II			$16.2500		
Recreation Leader III			$16.7500	$17.2500	$17.7500
Recreation Leader IV			$18.5000	$19.0000	$19.5000

STEP INCREASE ELIGIBILITY MINIMUM: 500 HOURS

	A	B	C	D	E
Administrative Intern	$16.2500	$17.0000	$17.7500	$18.5000	$19.2500
Customer Service Specialist	$17.0000	$18.0000	$19.0000	$20.0000	$21.0000
Maintenance Attendant			$16.0000	$16.5000	$17.0000
Police Aide	$16.0000	$16.5000	$17.0000	$17.5000	$18.0000
Recreation Facilities Attendant			$16.0000	$16.5000	$17.0000
Investigative Assistant I	$20.4346	$21.4615	$22.5231	$23.6538	$24.8250
Investigative Assistant II	$22.5231	$23.6538	$24.8250	$26.0827	$27.3923
Police Officer Trainee	$30.2200				

STEP INCREASE ELIGIBILITY MINIMUM: 1,040 HOURS

(Effective July 7, 2023)

	A	B	C	D	E	F
Maintenance Worker	$22.5231	$23.6654	$24.8712	$26.1058	$27.3923	$28.7712
	A	A1	B	B1	C	C1
Office Assistant I	$20.4346	$20.9538	$21.4615	$21.9981	$22.5231	$23.0942
	D	D1	E			
	$23.6538	$24.2365	$24.8250			
	A	A1	B	B1	C	C1
Office Assistant II	$22.5231	$23.0942	$23.6538	$24.2365	$24.8250	$25.4538
	D	D1	E			
	$26.0827	$26.7288	$27.3923			
	A	A1	B	B1	C	C1
Recreation Specialist	$20.4005	$20.9107	$21.4207	$21.9561	$22.0289	$22.4915
	D	D1	E			
	$23.6163	$24.2067	$24.7971			

STEP INCREASE ELIGIBILITY MINIMUM: 1,040 HOURS

ATTACHMENT "A"
CITY OF CYPRESS
TEMPORARY PART-TIME AND SEASONAL EMPLOYEES
HOURLY PAY RANGES
EFFECTIVE DECEMBER 22, 2023

Temporary Part-Time Management Positions (Effective July 7, 2023)	
Chief of Police	$105.0980 – $123.2942
Police Captain	$85.1653 – $102.2365
Director of Finance and Administrative Services	$96.0115 – $115.2173
Director of Public Works	$96.0115 – $115.2173
Director of Planning	$85.6788 – $102.8826
Director of Recreation and Community Services	$74.8961 – $93.6230
City Engineer	$66.7961 – $88.1596
Finance Manager/Assistant Director of Finance and Administrative Services	$66.7961 – $88.1596
City Clerk	$56.1000 – $76.0615
Maintenance Superintendent	$54.5307 – $70.8865
Recreation and Community Services Manager	$54.5307 – $70.8865
Temporary Part-Time Management Positions (Effective March 25, 2024)	
Assistant City Engineer	$60.5076 – $79.4538
Information Technology Manager	$60.5076 – $79.4538
Business Development Manager	$56.1000 – $76.0615
Human Resources Manager	$56.1000 – $76.0615
Network Administrator	$47.2153 – $63.5480
Senior Management Analyst	$41.0653 – $54.9057
Maintenance Supervisor	$37.8230 – $49.1826
Police Support Services Supervisor	$37.8230 – $49.1826
Recreation Supervisor	$37.8230 – $49.1826

CITY OF CYPRESS

CITY COUNCIL REPORT

City Council Regular **11.**

FROM: Matt Burton, Director of Finance and Administrative Services

DATE: 03/25/2024

SUBJECT: **Establish Pension Trust Goals and Funding Plan**

RECOMMENDATION

1. Establish a goal and funding plan for Pension Trust assets to fully offset unfunded CalPERS pension liabilities by 2030; and

2. Authorize investments in the attached PARS Moderate portfolio; and

3. Approve a one-time transfer of $2.5 million from the City's General Fund assigned fund balance for the Pandemic Recovery Plan to the Employee Benefits Fund for investment in the Pension Trust; and

4. Approve a one-time transfer of $2 million from the City's Infrastructure Bank to the Employee Benefits Fund for investment in the Pension Trust.

SUMMARY

The City Council established its Pension Trust in 2017 to more effectively manage the City's California Public Employees Retirement System (CalPERS) unfunded pension liabilities. The City Council has contributed available cash reserves to the Pension Trust to offset the pension liabilities, and Pension Trust assets have grown to $24.3 million as of February 29, 2024. In September 2023, as part of a Strategic Plan objective, the City Council directed the development of a funding plan with a goal for Pension Trust assets to fully offset projected CalPERS unfunded pension liabilities by 2030.

DISCUSSION

Background

The City provides all eligible employees a defined benefit pension plan through CalPERS. The City is required to make actuarially-determined payments to CalPERS, which actively manages and invests the pension assets. The City's unfunded pension liability is approximately $66 million and has grown significantly in the past few decades due to a variety of factors, including investment earnings falling below CalPERS' assumptions, lower

mortality rates, and new actuarial assumptions designed to bolster CalPERS' long-term sustainability. CalPERS amortizes unfunded liabilities over 30 years and the City's required liability pay down schedule is updated annually as part of the actuarial valuation.

In 2017, the City Council established a Section 115 trust with PARS to pre-fund and offset a portion of the CalPERS unfunded pension liability. A Section 115 trust is a tax-exempt irrevocable pension trust with assets dedicated exclusively towards retirement plan purposes. The Pension Trust offers many benefits, including:

- Creates a formal commitment to address the City's growing pension liability
- Expects to achieve higher investment returns than the City's investment portfolio, which is largely limited to investing in government securities backed by the Federal government
- Creates an asset which offsets pension liabilities on the City's financial statements
- Maintains City control over assets
- Provides pension rate stabilization with the option to withdraw assets annually to pay for pension costs
- Acts as an additional rainy day/emergency reserve fund
- Solidifies credit ratings

Overview of Pension Trust Assets, September 2023 City Council Pension Workshop and Strategic Plan Objective

The City Council invested $10 million when it established the Pension Trust in 2017. The City's Fiscal Strategies direct a portion of any General Fund year-end savings/unappropriated revenues to the Pension Trust to further address unfunded pension liabilities. Since its initial investment, the City Council has contributed an additional $10.5 million to the Pension Trust and its market value has grown to $24.3 million as of February 29, 2024. The Pension Trust's annualized earnings since 2017 are 4.27 percent compared to the City's investment portfolio of approximately 1.85 percent. Since 2017, Pension Trust earnings have exceeded the City's investment portfolio by 230%.

At its September 11, 2023 workshop, the City Council established a goal for Pension Trust assets to fully offset CalPERS pension liabilities by 2030 and tasked Finance and Administrative Services with recommending options to achieve that goal. The City Council approved a Strategic Plan objective related to the Pension Trust goal in October 2023.

Investment Options

A Section 115 Pension Trust offers more investment options than the City's investment portfolio due to the long-term nature of pension obligations. PARS offers five portfolio options and in 2017 the City Council authorized investments in the Moderate and Moderately Conservative portfolios. These are the second and third most conservative portfolios and the majority of PARS's Section 115 Pension Trust clients invest in one of the two.

The five portfolios have different risk profiles with varying amounts invested in equities and other instruments. As with any investment strategy, as the amount of equities in a portfolio increases, the volatility and risk increases. By contrast, as the percentage of equities decreases, the volatility and risk decrease.

Portfolio Option	Equity Percentage	1 Year Return	5 Year Return	10 Year Return

Capital Appreciation	65-85%	17.3%	9.7%	7.2%
Balanced	50-70%	15.4%	8.3%	6.2%
Moderate	40-60%	14.0%	7.2%	5.6%
Moderately Conservative	20-40%	11.1%	5.0%	4.1%
Conservative	5-20%	8.8%	3.3%	3.0%

Cypress' investments are a blend of the Moderate and Moderately Conservative portfolios, comprised of 40% equities and are projected to generate an annual rate of return of just under six percent over the next 30 years. Transitioning to the Moderate portfolio with a 50% mix of equities is expected to yield a return of 6.3 percent over the next 30 years.

Recommendations for Pension Trust Investments to Reach the 2030 Goal
CalPERS projects Cypress' unfunded pension liabilities to be $53.1 million by mid-2030. If the City continues funding the Pension Trust annually at the levels established in the Fiscal Strategies, it is estimated Pension Trust assets will total $45.2 million in 2030.

Pension Trust Balance at February 29, 2024	$24.3 million
Additional FY 2023-24 Contributions	$2.35 million
Estimated Contributions: FY 2024-25 to FY 2029-30	$6 million
Estimated Pension Trust Earnings through June 30, 2030	$12.55 million
Estimated Pension Trust Balance at June 30, 2030	**$45.2 million**

An additional one-time Pension Trust contribution of $4.5 million, combined with shifting the Pension Trust balance to the Moderate portfolio, is projected to grow Pension Trust assets to $53.1 million by 2030, which would fully offset projected unfunded pension liabilities.

It is recommended the $4.5 million be drawn from:

- $2.5 million from a set-aside in the General Fund for the Pandemic Recovery Plan for reclaimed water service to Arnold Cypress Park. The new Arnold Cypress Park features synthetic turf athletic fields, eliminating the need for reclaimed waste water. While this project was also intended to bring reclaimed water service to Cypress, there is no expectation that reclaimed water can be extended to Oak Knoll Park given the prohibitive costs to install a pipeline from the area around Arnold Cypress Park to Oak Knoll Park and there is not an identified need for reclaimed water at passive use parks.

- $2 million in the City's Infrastructure Bank which has set-aside General Fund resources for future facilities and infrastructure improvements. Approximately $44.8 million was available in the Infrastructure Bank for future projects as of February 29, 2024, and there are no known projects that require the $2 million recommended Pension Trust contribution. Accounting for projects included in the Seven-Year CIP, plus interest earnings and loan repayments from the Recreation and Park District, the Infrastructure Bank is projected to have a balance of $33 million in 2030.

It is important to consider that both the estimated growth in Pension Trust assets and the pay

down of unfunded pension liabilities is contingent on many long-term factors, the most significant of which is the actual annual return on investments. As such, Pension Trust assets and unfunded pension liabilities may change significantly in the short-term. It is recommended the goal and funding plan be reviewed every three years to assess the City's progress. These three-year reviews will also provide the City Council with an opportunity to adjust pension trust funding and the investment mix.

BUDGET IMPACT

There is no anticipated impact on the FY 2023-24 budget or future budgets from the recommendations. The $4.5 million contribution recommended to the Pension Trust consists of reserves in the General Fund and Infrastructure Bank and will remain available in the Pension Trust for the foreseeable future. Any future asset additions or withdrawals from the Pension Trust will be considered as part of the annual budget process. Pension Trust assets may be used to pay for future pension costs, including offsetting CalPERS contributions, if the City Council finds it necessary.

LEGAL REVIEW

None required.

APPROVED BY: Peter Grant, City Manager

Attachments

PARS - Summary of Moderate Portfolio

HIGHMARK® CAPITAL MANAGEMENT

PARS DIVERSIFIED PORTFOLIOS

MODERATE

Q4 2023

WHY THE PARS DIVERSIFIED MODERATE PORTFOLIO?

Comprehensive Investment Solution

HighMark® Capital Management, Inc.'s (HighMark) diversified investment portfolios are designed to balance return expectations with risk tolerance. Key features include: sophisticated asset allocation and optimization techniques, four layers of diversification (asset class, style, manager, and security), access to rigorously screened, top tier money managers, flexible investment options, and experienced investment management.

Rigorous Manager Due Diligence

Our manager review committee utilizes a rigorous screening process that searches for investment managers and styles that have not only produced above-average returns within acceptable risk parameters, but have the resources and commitment to continue to deliver these results. We have set high standards for our investment managers and funds. This is a highly specialized, time consuming approach dedicated to one goal: competitive and consistent performance.

Flexible Investment Options

In order to meet the unique needs of our clients, we offer access to flexible implementation strategies: HighMark Plus utilizes actively managed mutual funds while Index Plus utilizes index-based securities, including exchange-traded funds. Both investment options leverage HighMark's active asset allocation approach.

Risk Management

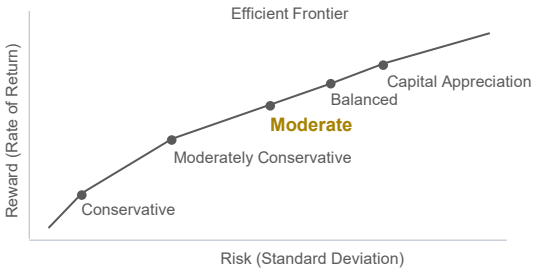
The portfolio is constructed to control risk through four layers of diversification – asset classes (cash, fixed income, equity), investment styles (large cap, small cap, international, value, growth), managers and securities. Disciplined mutual fund selection and monitoring process helps to drive return potential while reducing portfolio risk.

PORTFOLIO FACTS

HighMark Plus (Active)	
Composite Inception Date	10/2004
No of Holdings in Portfolio	19
Index Plus (Passive)	
Composite Inception Date	05/2006
No of Holdings in Portfolio	12

INVESTMENT OBJECTIVE

To provide current income and moderate capital appreciation. It is expected that dividend and interest income will comprise a significant portion of total return, although growth through capital appreciation is equally important.



ASSET ALLOCATION — MODERATE PORTFOLIO

	Strategic Range	Policy	Tactical
Equity	40 - 60%	50%	49%
Fixed Income	40 - 60%	45%	48%
Cash	0 - 20%	5%	3%

ANNUALIZED TOTAL RETURNS

(Gross of Investment Management Fees, but Net of Embedded Fund Fees)

HighMark Plus Composite (Active)	Gross	Net
Current Quarter*	9.28%	9.18%
Blended Benchmark,**	*8.72%*	
Year To Date*	13.98%	13.57%
Blended Benchmark,**	*13.56%*	
1 Year	13.98%	13.57%
*Blended Benchmark***	*13.56%*	
3 Year	2.08%	1.71%
*Blended Benchmark***	*2.58%*	
5 Year	7.17%	6.79%
*Blended Benchmark***	*7.31%*	
10 Year	5.55%	5.17%
*Blended Benchmark***	*5.82%*	

Index Plus Composite (Passive)	Gross	Net
Current Quarter*	9.01%	8.91%
Blended Benchmark,**	*8.72%*	
Year To Date*	12.74%	12.33%
Blended Benchmark,**	*13.56%*	
1 Year	12.74%	12.33%
*Blended Benchmark***	*13.56%*	
3 Year	2.14%	1.77%
*Blended Benchmark***	*2.58%*	
5 Year	6.85%	6.47%
*Blended Benchmark***	*7.31%*	
10 Year	5.34%	4.96%
*Blended Benchmark***	*5.82%*	

* Returns less than one year are not annualized. **Breakdown for Blended Benchmark: From 10/1/2012 – Present: 26.5% S&P500, 5% Russell Mid Cap, 7.5% Russell 2000, 3.25% MSCI EM (net), 6% MSCI EAFE (net), 33.50% Bloomberg US Agg, 10% ICE BofA 1-3 Yr US Corp/Gov't, 1.50% ICE BofA US High Yield Master II, 1.75% Wilshire REIT, and 5% FTSE 1 Mth US T-Bill. From 4/1/2007 – 9/30/2012: the blended benchmark was 43% S&P 500; 2% Russell 2000, 5% MSCI EAFE (net), 15% ICE BofA 1-3 Year Corp./Govt, 30% Bloomberg US Agg, 5% FTSE 1 Mth US T-Bill. Prior to April 2007: the blended benchmark was 50% S&P 500, 15% ICE BofA 1-3Yr Corp/Gov, 30% Bloomberg US Agg, and 5% FTSE 1 Mth US T-Bill.

ANNUAL RETURNS

(Gross of Investment Management Fees, but Net of Embedded Fund Fees)

HighMark Plus Composite (Active)	
2008	-22.88%
2009	21.47%
2010	12.42%
2011	0.55%
2012	12.25%
2013	13.06%
2014	4.84%
2015	0.14%
2016	6.45%
2017	13.19%
2018	-4.03%
2019	17.71%
2020	12.92%
2021	9.31%
2022	-14.63%
2023	13.98%

Index Plus Composite (Passive)	
2008	-18.14%
2009	16.05%
2010	11.77%
2011	2.29%
2012	10.91%
2013	12.79%
2014	5.72%
2015	-0.52%
2016	7.23%
2017	11.59%
2018	-4.03%
2019	17.52%
2020	11.23%
2021	10.18%
2022	-14.21%
2023	12.74%

HOLDINGS

HighMark Plus (Active)

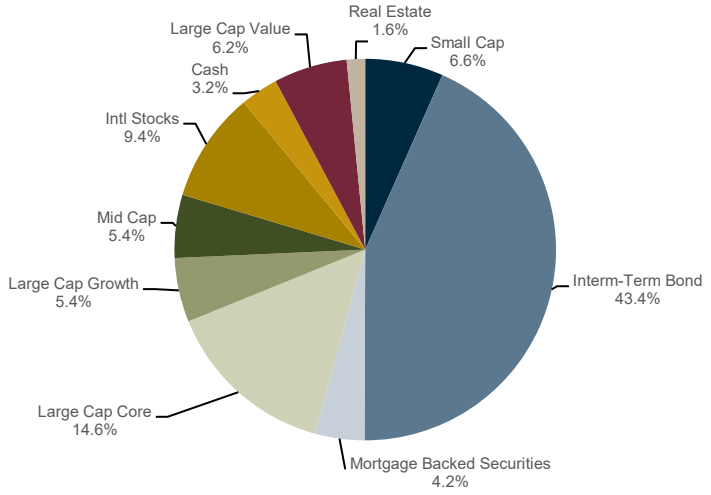
Columbia Contrarian Core I3
Vanguard Growth & Income Adm
Dodge & Cox Stock Fund
iShares S&P 500 Value ETF
Harbor Capital Appreciation - Retirement
iShares S&P 500 Growth ETF
iShares Russell Mid-Cap ETF
Vanguard Real Estate ETF
Undiscovered Managers Behavioral Value-R6
Emerald Growth Fund-I
DFA Large Cap International Portfolio
Dodge & Cox International Stock
MFS International Growth - R6
Hartford Schroders Emerging Markets Eq
iShares MBS ETF
Dodge & Cox Income-I
PGIM Total Return Bond - R6
DoubleLine Core Fixed Income - I
First American Government Obligations Z

Index Plus (Passive)

iShares Core S&P 500 ETF
iShares S&P 500 Value ETF
iShares S&P 500 Growth ETF
iShares Russell Mid-Cap ETF
Vanguard Real Estate ETF
iShares Russell 2000 Value ETF
iShares Russell 2000 Growth ETF
iShares Core MSCI EAFE ETF
Vanguard FTSE Emerging Markets ETF
iShares MBS ETF
iShares Core U.S. Aggregate
First American Government Obligations Z

Holdings are subject to change at the discretion of the investment manager.

STYLE



The performance records shown represent size-weighted composites of tax exempt accounts that meet the following criteria: Accounts are managed by HighMark with full investment authority according to the PARS Moderate active and passive objectives.

The adviser to the PARS portfolios is U.S. Bank, and HighMark serves as sub-adviser to U.S. Bank to manage these portfolios. U.S. Bank may charge clients as much as 0.60% annual management fee based on a sliding scale. U.S. Bank pays HighMark 60% of the annual management fee for assets sub-advised by HighMark under its sub-advisory agreement with U.S. Bank. The 0.36% paid to HighMark, as well as other expenses that may be incurred in the management of the portfolio, will reduce the portfolio's returns. Assuming an investment for five years, a 5% annual total return, and an annual sub-advisory fee rate of 0.36% deducted from the assets at market at the end of each year, a $10 million initial value would grow to $12.53 million after fees (Net-of-Fees) and $12.76 million before fees (Gross-of-Fees). Gross returns are presented before management and custodial fees but after all trading expenses and reflect the reinvestment of dividends and other income. A client's return will be reduced by the advisory fees and other expenses it may incur as a client. Additional information regarding the firm's policies and procedures for calculating and reporting performance results is available upon request. Performance results are calculated and presented in U.S. dollars and do not reflect the deduction of investment advisory fees, custody fees, or taxes but do reflect the deduction of trading expenses. Returns are calculated based on trade-date accounting.

Blended benchmarks represent HighMark's strategic allocations between equity, fixed income, and cash and are rebalanced monthly. Benchmark returns do not reflect the deduction of advisory fees or other expenses of investing but assumes the reinvestment of dividends and other earnings. An investor cannot invest directly in an index. The unmanaged S&P 500 Index is representative of the performance of large companies in the U.S. stock market. The MSCI EAFE Index is a free float-adjusted market capitalization index designed to measure developed market equity performance, excluding the U.S. and Canada. The MSCI Emerging Markets Index is a free float-adjusted market capitalization index that is designed to measure equity market performance in the global emerging markets. The Russell Midcap Index measures the performance of the mid-cap segment of the U.S. equity universe. The Russell 2000 Index measures the performance of the small-cap segment of the U.S. equity universe. The ICE BofA U.S. High Yield Master II Index tracks the performance of below investment grade U.S. dollar-denominated corporate bonds publicly issued in the U.S. domestic market. Wilshire REIT index measures U.S. publicly traded Real Estate Investment Trusts. The unmanaged Bloomberg U.S. Aggregate Bond Index is generally representative of the U.S. taxable bond market as a whole. The ICE BofA 1-3 Year U.S. Corporate & Government Index tracks the bond performance of the ICE BofA U.S. Corporate & Government Index, with a remaining term to final maturity less than 3 years. The unmanaged FTSE 1-Month U.S. Treasury Bill Index tracks the yield of the 1-month U.S. Treasury Bill.

HighMark Capital Management, Inc. (HighMark) is an investment adviser registered with the U.S. Securities and Exchange Commission and a subsidiary of U.S. Bank National Association ("U.S. Bank"). U.S. Bank is a separate entity and subsidiary of U.S. Bancorp. U.S. Bank is not responsible for and does not guarantee the products, services or performance of HighMark. HighMark manages institutional separate account portfolios for a wide variety of for-profit and nonprofit organizations, public agencies, and public and private retirement plans. Individual account management and construction will vary depending on each client's investment needs and objectives. U.S. Bank provides certain services to HighMark and is compensated for these services. **Investments employing HighMark strategies are NOT insured by the FDIC or by any other Federal Government Agency, are NOT Bank deposits, are NOT guaranteed by the Bank or any Bank affiliate, and MAY lose value, including possible loss of principal.**

HIGHMARK CAPITAL MANAGEMENT

350 California Street
Suite 1600
San Francisco, CA 94104
800-582-4734

ABOUT THE ADVISER

HighMark® Capital Management, Inc. (HighMark) has over 100 years (including predecessor organizations) of institutional money management experience with $9.2 billion in assets under management*. HighMark has a long term disciplined approach to money management and currently manages assets for a wide array of clients.

ABOUT THE PORTFOLIO MANAGEMENT TEAM

Andrew Brown, CFA®
Senior Portfolio Manager
Investment Experience: since 1994
HighMark Tenure: since 1997
Education: MBA, University of Southern California; BA, University of Southern California

Salvatore "Tory" Milazzo III, CFA®
Senior Portfolio Manager
Investment Experience: since 2004
HighMark Tenure: since 2014
Education: BA, Colgate University

J. Keith Stribling, CFA®
Senior Portfolio Manager
Investment Experience: since 1985
HighMark Tenure: since 1995
Education: BA, Stetson University

Christiane Tsuda
Senior Portfolio Manager
Investment Experience: since 1987
HighMark Tenure: since 2010
Education: BA, International Christian University, Tokyo

Anne Wimmer, CFA®
Senior Portfolio Manager
Investment Experience: since 1987
HighMark Tenure: since 2007
Education: BA, University of California, Santa Barbara

Asset Allocation Committee
Number of Members: 10
Average Years of Experience: 29
Average Tenure (Years): 18

Manager Review Group
Number of Members: 3
Average Years of Experience: 29
Average Tenure (Years): 13

*Assets under management ("AUM") include assets for which HighMark provides continuous and regular supervisory and management services. As of 6/1/2023 HighMark previously listed Assets under Advisement ("AUA") are no longer advised by HighMark.

CITY OF CYPRESS

CITY COUNCIL REPORT

City Council Regular **12.**

FROM: Matt Burton, Director of Finance and Administrative Services

DATE: 03/25/2024

SUBJECT: **Receive and File the Investment Report for the Month Ended February 29, 2024**

RECOMMENDATION

Receive and file the attached investment report.

DISCUSSION

California Government Code Section 53607 and Cypress Municipal Code Section 2-18(f) requires the submission of a monthly investment report to the City Council. As of February 29, 2024, the City had $202.7 million (current market value) in cash and investments and the interest return (yield) on the public funds investments was 4.37%. As required by the Government Code, all investments are in conformity with the City's investment policy and sufficient cash flows are available to meet the next six months of estimated expenditures.

The attached Summary of Cash and Investments present the investments held by the City of Cypress as of February 29, 2024. The Investment Reports consist of the following five summaries:

1. Summary of Cash and Investments - Provides the total portfolio of the City.
2. Changes in Cash and Investments - Provides a two-month cash flow analysis by fund type. These separate fund types allow for restricted monies to be segregated and tracked separately. The total ending amount agrees to the current market value shown in the Summary of Cash and Investments.
3. Investments at Market Value by Maturity Date - Provides a list of investments by maturity date, and an indication of the liquidity (ability to turn into cash) of the investments. The California Government Code restricts the type of investments eligible for public funds. The City’s Investment Policy further defines permitted investments. These restrictions in investment types and the terms of allowable investments result in limited yields on City investments.
4. Interfund Investments - Indicates outstanding loans between City funds. There are three approved loans due to the Infrastructure Reserve Fund from the Cypress Recreation and Park District General Fund related to the construction of Lexington Park

and the rehabilitation of Arnold Cypress Park.

5. Summary of Cash and Investments Held In Trust - Presents investments held in trust by the Public Agency Retirement Services (PARS) for offsetting unfunded pension liabilities. The pension trust amounts can only be used for future pension obligations. The legal restrictions on the allowable investment types are less restrictive than those in the City's portfolio, which provides the potential for higher yields to be earned over the long-term on investments held in the pension trust.

As mentioned previously, the City had $202.7 (current market value) in cash and investments at February 29, 2024. The investments included Federal Agencies Debt ($140.3 million) and Investment Pools ($59.6 million). The City's bank accounts held $2.8 million on February 29, 2024.

A portion of the investment portfolio is invested in the State Investment Pool (Local Agency Investment Fund or LAIF) which is managed by investment experts and provides a diversified investment pool for local agencies to invest. By using the combined size of the participating cities and agencies, the State Pool can provide a competitive yield, liquidity and investment knowledge that otherwise would not be available to a single entity.

The amount of cash in the City’s checking accounts fluctuates based on the maturity of investments, daily cash receipts, and when vendors and employees are paid. The daily balances maintained in the checking accounts provide credits which offset monthly bank charges. In addition to the Federal Depository Insurance Corporation (FDIC) which insures the first $250,000, excess checking deposits are secured by banks, government, or mortgage securities valued between 110% and 150% of the deposits.

BUDGET IMPACT

None.

LEGAL REVIEW

None required.

APPROVED BY: Peter Grant, City Manager

Attachments

Investment Report for the Month Ended February 29, 2024

City of Cypress

Summary of Cash and Investments

As of February 29, 2024

	Type	Description	Bank/Agent	Investment Date	Maturity Date	Interest Rate	Carrying Value	Current Market Value (2)
(1)	Ckg	General Operating Account	BMO		3/1/2024	-	$ 2,801,186.95	$ 2,801,186.95
	Pool	Local Agency Investment Fund	State Treasurer		3/1/2024	4.122	34,000,000.00	33,780,466.45
	Pool	Local Agency Investment Fund	State Treasurer		3/1/2024	4.122	26,000,000.00	25,832,121.41
	FHLB	Federal Home Loan Bank	BMO	4/28/2022	4/19/2024	2.749	3,000,000.00	2,990,670.00
	FFCB	Federal Farm Credit Bank	BMO	2/21/2023	8/21/2024	4.875	10,000,000.00	9,978,900.00
	FFCB	Federal Farm Credit Bank	BMO	10/27/2022	10/17/2024	4.620	5,000,000.00	4,978,400.00
	FHLMC	Federal Home Loan Mortgage Corp	BMO	7/28/2022	12/30/2024	3.350	4,000,000.00	3,934,800.00
	FFCB	Federal Farm Credit Bank	BMO	1/10/2023	1/10/2025	4.310	3,005,400.00	2,984,400.00
	FHLMC	Federal Home Loan Mortgage Corp	BMO	1/30/2023	1/27/2025	5.000	10,000,000.00	9,957,000.00
	FHLB	Federal Home Loan Bank	BMO	5/27/2021	2/27/2025	0.660	3,000,000.00	2,868,630.00
	FFCB	Federal Farm Credit Bank	BMO	3/22/2021	3/17/2025	0.700	4,000,000.00	3,824,720.00
	FHLMC	Federal Home Loan Mortgage Corp	BMO	9/21/2022	3/31/2025	4.320	5,000,000.00	4,949,150.00
	FHLMC	Federal Home Loan Mortgage Corp	BMO	5/11/2023	5/9/2025	5.299	8,550,000.00	8,535,550.50
	FHLMC	Federal Home Loan Mortgage Corp	BMO	6/6/2023	6/6/2025	5.320	5,000,000.00	4,982,950.00
	FHLB	Federal Home Loan Bank	BMO	3/20/2023	6/20/2025	5.379	5,000,000.00	4,997,000.00
	FHLMC	Federal Home Loan Mortgage Corp	BMO	9/30/2022	9/30/2025	4.750	5,000,000.00	4,973,200.00
	FFCB	Federal Farm Credit Bank	BMO	1/13/2023	1/13/2026	4.000	2,000,000.00	1,976,760.00
	FFCB	Federal Farm Credit Bank	BMO	3/2/2023	3/2/2026	4.478	5,002,500.00	4,987,600.00
	FHLMC	Federal Home Loan Mortgage Corp	BMO	3/13/2023	3/13/2026	5.625	10,000,000.00	9,976,000.00
	FFCB	Federal Farm Credit Bank	BMO	9/29/2023	4/20/2026	5.000	4,985,581.99	5,020,600.00
	FFCB	Federal Farm Credit Bank	BMO	6/23/2023	6/23/2026	4.820	5,000,000.00	4,973,250.00
	FHLB	Federal Home Loan Bank	BMO	6/26/2023	6/26/2026	5.350	4,815,000.00	4,795,306.65
	FHLB	Federal Home Loan Bank	BMO	11/30/2023	11/17/2026	4.420	5,028,050.00	5,023,650.00
	FHLB	Federal Home Loan Bank	BMO	11/15/2023	11/15/2027	5.625	5,000,000.00	5,004,050.00
	FFCB	Federal Farm Credit Bank	BMO	12/6/2023	12/6/2027	5.380	5,000,000.00	4,955,950.00
	FFCB	Federal Farm Credit Bank	BMO	6/30/2023	6/30/2028	5.000	5,000,000.00	5,008,600.00
	FHLB	Federal Home Loan Bank	BMO	1/10/2024	1/3/2029	5.000	10,000,000.00	9,944,100.00
	FHLB	Federal Home Loan Bank	BMO	2/15/2024	2/12/2029	4.400	4,647,675.00	4,631,167.50
	FHLB	Federal Home Loan Bank	BMO	2/16/2024	8/13/2027	5.000	4,000,000.00	3,996,840.00
	Ckg	Worker's Comp Account	BMO		3/1/2024	-	50,000.00	50,000.00
	Ckg	Liability Account	California Bank & Trust		3/1/2024	-	8,500.00	8,500.00
	Cash	Petty Cash	City		3/1/2024	-	8,350.00	8,350.00
							$ 203,902,243.94	$ 202,729,869.46

Average Weighted Yield to Maturity: 4.37%
Average Weighted Days to Maturity: 499.53

(1) Negative cash balance (if any) shown due to checks being issued at month end, transfer to cover checks not made until early in the following month.
(2) Current market value of securities with maturities in excess of 12 months (if any) are provided by third-party safekeeping agents.

I certify that this report reflects all Government Agency pooled investments and is in conformity with the Investment Policy of the City of Cypress. A copy of this Investment Policy is available on the City's website. The Investment Program herein shown provides sufficient cash flow liquidity to meet six months estimated expenditures.

Signed: _____
Finance Director

City of Cypress

Changes in Cash/Investments

		12/31/2023	+RECEIPTS	(DISBURSEMENTS)	1/31/2024	+RECEIPTS	(DISBURSEMENTS)	2/29/2024
GENERAL								
111/114	GENERAL FUND/GENERAL FUND-GRANTS	$ 30,878,985	$ 7,859,091	$ (4,880,991)	$ 33,857,085	$ 2,738,356	$ (8,469,714)	$ 28,125,727
SPECIAL REVENUE								
115	PANDEMIC RELIEF	6,276	-	-	6,276	-	-	6,276
212	CRPD-GENERAL FUND	13,377,232	2,306,819	(2,529,372)	13,154,679	629,729	(741,817)	13,042,591
213	CRPD-PARK DEVELOPMENT	27,599	187	-	27,786	-	(27,599)	187
221	TRAFFIC SAFETY	19,151	12,749	-	31,900	5,964	-	37,864
230	STREETS	10,302,301	278,106	(58,617)	10,521,790	233,358	(818,256)	9,936,892
251	LIGHTING DISTRICT #2	6,235,614	165,685	(213,635)	6,187,664	6,966	(109,627)	6,085,003
261	STORM DRAIN	2,054,264	48,374	(9,740)	2,092,898	38,725	(25,858)	2,105,765
262	PLANNED LOCAL DRAINAGE FACILITY	1,084,653	10,223	-	1,094,876	-	-	1,094,876
271	CORP CNTR MAINT DISTRICT #1	194,694	22,779	(2,568)	214,905	-	(3,114)	211,791
280	ASSET SEIZURE	1,317,433	27,582	(4,298)	1,340,717	10,402	(6,465)	1,344,654
291	CABLE TV FRANCHISE AGREEMENT	795,574	1,130	-	796,704	16,070	-	812,774
301	SUPPLEMENTAL LAW ENFORCEMENT	97,930	25,759	(9,428)	114,261	-	(8,691)	105,570
321	SEWER FUND	8,226,699	222,877	(17,279)	8,432,297	119,381	(24,738)	8,526,940
471	LOW AND MODERATE HSG ASSET	15,083	1,710	(1,036)	15,757	500	(7,172)	9,085
CAPITAL PROJECTS								
415	CITY CAPITAL PROJECTS	16,095,949	-	(11,564)	16,084,385	-	(55,147)	16,029,238
416	INFRASTRUCTURE RESERVE	73,097,707	840,870	(1,635,533)	72,303,044	2,377,599	(506,776)	74,173,867
TRUST AND AGENCY								
600	TRUST AND AGENCY	1,577,945	39,109	(15,486)	1,601,568	72,943	(81,605)	1,592,906
611	BUSINESS ASSESSMENT DISTRICT	-	-	-	-	-	-	-
612	CFD #1 ASSESSMENT DISTRICT	153,575	-	-	153,575	-	-	153,575
620	REC & COMM SERVICES FOUNDATION	32,750	309	-	33,059	-	-	33,059
INTERNAL SERVICE								
710	CENTRAL SERVICES	3,722,210	248,728	(132,231)	3,838,707	254,314	(200,031)	3,892,990
720	CAPITAL REPLACEMENT	15,603,240	62,809	(10,505)	15,655,544	68,481	(3,742)	15,720,283
730	TECHNOLOGY IMPROVEMENT	2,273,110	-	-	2,273,110	-	-	2,273,110
750	EMPLOYEE BENEFITS	3,952,259	1,183,543	(1,044,462)	4,091,340	3,659,722	(770,770)	6,980,292
760	LIABILITY SELF INSURANCE	2,067,048	51,126	-	2,118,174	51,126	(2,648)	2,166,652
770	WORKERS COMP SELF INSURANCE	3,427,640	60,696	(17,294)	3,471,042	61,449	(92,479)	3,440,012
OTHER								
811/812	WESTCOMM JPA	4,446,776	970,313	(309,402)	5,107,687	144,085	(423,882)	4,827,890
		201,083,697	$ 14,458,290	$ (10,921,157)	204,620,830	$ 10,504,402	$ (12,395,363)	202,729,869

City of Cypress

INVESTMENTS AT MARKET VALUE BY MATURITY DATE

As of February 29, 2024

Investments	1 day to 180 days	181 days to 1 year	1 year to 2 years	2 years to 3 years	3 years to 4 years	4 years to 5 years	5+ years	Totals	Percent
CASH	$ 2,868,037	$ -	$ -	$ -	$ -	$ -	$ -	$ 2,868,037	1.41%
FFCB	9,978,900	7,962,800	5,801,480	14,981,450	4,955,950	5,008,600	-	48,689,180	24.02%
FHLB	2,990,670	2,868,630	4,997,000	9,818,957	9,000,890	14,575,268	-	44,251,414	21.83%
FHLMC	-	13,891,800	23,440,851	9,976,000	-	-	-	47,308,651	23.34%
STATE POOL	59,612,587	-	-	-	-	-	-	59,612,587	29.40%
TSY	-	-	-	-	-	-	-	0	0.00%

Totals	$ 75,450,194	$ 24,723,230	$ 34,239,331	$ 34,776,407	$ 13,956,840	$ 19,583,868	$ -	$ 202,729,869	100.00%
Percent	37.22%	12.20%	16.89%	17.15%	6.88%	9.66%	0.00%	100.00%	

CITY OF CYPRESS
INTERFUND INVESTMENTS

As of February 29, 2024

Note No.	Note Outstanding To	Note Outstanding From	Issue Date	Maturity Date	Interest Rate	Authorized Amount	Note Principal Outstanding *
1	CRPD	City	02/08/21	06/30/25	LAIF	$ 12,800,000	$ 4,236,608
2	CRPD	City	02/13/23	06/30/25	LAIF	$ 1,275,000	$ 877,440
3	CRPD	City	11/13/23	TBD	2.00%	$ 33,500,000	$ 2,134,511
	Total Interfund Investments						$ 7,248,559

The City Infrastructure Reserve Fund issued a promissory note to the Cypress Recreation and Park District (CRPD) General Fund to pay up to $12.8 million for the construction of Lexington Park. Repayment by the CRPD will be made from future park develeopment fees. Construction is complete, with advances totaling $12,293,975. Repayments to date total $8,057,367.

The City Infrastructure Reserve Fund issued a promissory note to the CRPD General Fund to pay up to $1.275 million for design costs associated with the rehabilitation of Arnold Cypress Park. Repayment by the CRPD will be made from additional Property Tax revenues resulting from the dissolution of the Successor Agency to the former Redevelopment Agency. Advances to date total $877,440.

The City Infrastructure Reserve Fund issued a promissory note to the CRPD General Fund to pay up to $33.5 million for construction costs associated with the rehabilitation of Arnold Cypress Park. Repayment by the CRPD will be made from CRPD General Funds and future property taxes over the next 20 years. Advances to date total $2,134,511.

City of Cypress
Summary of Cash and Investments Held In Trust

As of February 29, 2024

Fund	Type	Issuer	Maturity Date	One Year Return *	Cost Amount	Current Market Value
PARS Public Agencies Post-Employment Benefits Trust						
Trustee: Public Agency Retirement Services (PARS)						
Section 115 Trust	Pension Trust	Various	Open	10.16%	$ 20,540,000.00	$ 24,315,726.20
			Total		$ 20,540,000.00	$ 24,315,726.20

* 12-month period ending with the current month.

CITY OF CYPRESS

CITY COUNCIL REPORT

City Council Regular **13.**

FROM: Matt Burton, Director of Finance and Administrative Services

DATE: 03/25/2024

SUBJECT: **Receive and File Register of Warrants, Transfers, and Wires Issued for the Period of February 10, 2024 through March 8, 2024.**

RECOMMENDATION

Receive and file the attached payment register summarized below for the period of February 10, 2024 through March 8, 2024:

- Electronic Funds Transfers 14545 through 14778
- Warrants 64532 through 64697
- Payroll Transfers W1523 through W1524

DISCUSSION

Payments to vendors for goods and services received and/or rendered are initiated and approved by the requesting department in accordance with proper purchasing guidelines. Processing of these payments occurs centrally in the City's Finance Department with payments issued bi-weekly. A register listing of these payments is presented monthly to the City Council for approval. This register also includes any Electronic Funds Transfers (EFT), outgoing payroll transfers or wires issued since the previous register was presented to the City Council. Voided payments (if any) are also identified.

All payments are processed on the City's financial management software system. This system generates a payment batch register, sorted by warrant number (or EFT/Wire number), and presents the invoice amount and a description of the payment issued.

BUDGET IMPACT

Total warrants, transfers, and wires issued (net of any voided payments) during the period of February 10, 2024 through March 8, 2024 are $4,568,364.33.

LEGAL REVIEW

None required.

APPROVED BY: Peter Grant, City Manager

Attachments

Payment Register for the Period 02-10-24 through 03-08-24

City of Cypress
Payment Register
02/10/24 - 03/08/24

EFT/ Warrant Number	Vendor	Payment Amount	Description	Invoice	Invoice Amount
14545	1480 - ARCO BUSINESS SOLUTIONS	$ 127.83	Fuel/Community Development 1/3-2/2	NP65880861	$ 127.83
14546	1480 - ARCO BUSINESS SOLUTIONS	$ 49.85	Fuel/Engineering 1/3-2/2	NP65880861(A)	$ 49.85
14547	1480 - ARCO BUSINESS SOLUTIONS	$ 2,300.04	Fuel/Maint 1/3-2/2	NP65880861(B)	$ 2,300.04
14548	1480 - ARCO BUSINESS SOLUTIONS	$ 87.04	Fuel/Recreation 1/3-2/2	NP65880861(C)	$ 87.04
14549	1480 - ARCO BUSINESS SOLUTIONS	$ 16,161.01	Fuel/Police 1/3-2/2	NP65880861(D)	$ 16,161.01
14550	100505 - CITY OF CYPRESS-WORKERS COMP	$ 1,131.66	Workers Comp Claims/Professional Svcs/#27070-27096	Reimb 2/16/24	$ 1,131.66
14551	100505 - CITY OF CYPRESS-WORKERS COMP	$ 2,864.61	Workers Comp Claims/Medical/#27070-27096	Reimb(A) 2/16/24	$ 2,864.61
14552	100505 - CITY OF CYPRESS-WORKERS COMP	$ 4,156.92	Workers Comp Claims/Permanent Disability/#27070-27096	Reimb(B) 2/16/24	$ 4,156.92
14553	120801 - MISSION SQUARE - ICMA RETIREMENT TRUST - RHS	$ 15,885.00	Monthly Retiree Health Savings 2/24	2/24	$ 15,885.00
14554	120801 - MISSION SQUARE - ICMA RETIREMENT TRUST - RHS	$ 1,200.00	Deferred Comp/Exec Mgmt 2/24	401a-2/24	$ 1,200.00
14555	2170 - US BANK	$ 33.14	W/C Compressed Air(2 Btls)/Cleaner(1 Btl) 12/14	0781 1/10/24	$ 33.14
14556	2170 - US BANK	$ 285.09	W/C Batteries(2)/Dispatch Console 12/26	0781(A) 1/10/24	$ 285.09
14557	2170 - US BANK	$ 8.70	W/C Sub/Business Analytics/Reporting Software 12/7-1/6	0781(B) 1/10/24	$ 8.70
14558	2170 - US BANK	$ 191.99	W/C Svc/Satellite TV 12/25-1/24	0781(C) 1/10/24	$ 191.99
14559	2170 - US BANK	$ 150.00	W/C Reg/Coaching & Mentoring in Public Safety/JG 2/22	0781(D) 1/10/24	$ 150.00
14560	2170 - US BANK	$ 20.90	W/C Data Storage/Amazon Cloud 12/23	0781(E) 1/10/24	$ 20.90
14561	2170 - US BANK	$ 40.00	Food/Starbucks/Council Reorganization 12/12	1293 1/10/24	$ 40.00
14562	2170 - US BANK	$ 20.29	Facebook Ad/Holiday Sing 12/1-12/5	1293(A) 1/10/24	$ 20.29
14563	2170 - US BANK	$ 110.00	Sub/Mailchimp Email Distribution/Admin 12/23	1293(B) 1/10/24	$ 110.00
14564	2170 - US BANK	$ 153.08	Meals(7)/Board & Brews/Council Meeting 1/8	1293(C) 1/10/24	$ 153.08

City of Cypress
Payment Register
02/10/24 - 03/08/24

EFT/ Warrant Number	Vendor	Payment Amount	Description	Invoice	Invoice Amount
14565	2170 - US BANK	$ 850.00			
			Reg(1 Table)/Matt Ward Exploring On Fundraiser 3/1	1293(D) 1/10/24	$ 850.00
14566	2170 - US BANK	$ 55.94			
			Food/Playground/Kids Night Out 12/15	1504 1/10/24	$ 55.94
14567	2170 - US BANK	$ 103.43			
			Foosball Table(1)/Teens Night Out Game Zone 1/4	1504(A) 1/10/24	$ 103.43
14568	2170 - US BANK	$ 140.06			
			Air Hockey(1)/Teens Night Out Game Zone 1/4	1504(B) 1/10/24	$ 140.06
14569	2170 - US BANK	$ 377.11			
			PD Air Purifier(1)/Property & Evidence Narcotics Room12/18	2499 1/10/24	$ 377.11
14570	2170 - US BANK	$ 18.31			
			PD HEPA Filter(1)/Property & Evidence Narcotics Room 12/12	2499(A) 1/10/24	$ 18.31
14571	2170 - US BANK	$ 325.03			
			PD Evidence Tape Strips(1.5K) 12/19	2499(B) 1/10/24	$ 325.03
14572	2170 - US BANK	$ 170.87			
			PD Evidence Tape(9 Rls) 12/19	2499(C) 1/10/24	$ 170.87
14573	2170 - US BANK	$ 101.07			
			PD Binders(12) 1/2	2499(D) 1/10/24	$ 101.07
14574	2170 - US BANK	$ 337.88			
			PD Fingerprint Readers(4) 1/16	2499(E) 1/10/24	$ 337.88
14575	2170 - US BANK	$ 83.61			
			PD Flash Drives(10) 1/10	2499(F) 1/10/24	$ 83.61
14576	2170 - US BANK	$ 150.00			
			Sub/Property Data/Code Enforcement & Planning 12/23	2518 1/10/24	$ 150.00
14577	2170 - US BANK	$ 377.13			
			2023 Service Award(1) 12/19	2873 1/10/24	$ 377.13
14578	2170 - US BANK	$ 299.80			
			Sub/Zoom Video Conferencing/HR 12/22/23-12/21/24	2873(A) 1/10/24	$ 299.80
14579	2170 - US BANK	$ 140.17			
			2024 Labor Posters(5) 1/2	2873(B) 1/10/24	$ 140.17
14580	2170 - US BANK	$ 31.66			
			Laptop Stand(1)/Calendar(1)/HR 1/4	2873(C) 1/10/24	$ 31.66
14581	2170 - US BANK	$ 23.69			
			Office Supplies/HR/Returned 12/15	2873(D) 1/10/24	$ 23.69
14582	2170 - US BANK	$ 18.30			
			Office Supplies/HR/Returned 12/15	2873(E) 1/10/24	$ 18.30
14583	2170 - US BANK	$ (23.69)			
			Credit/Office Supplies/HR 12/20	2873(F) 1/10/24	$ (23.69)
14584	2170 - US BANK	$ (18.30)			
			Credit/Office Supplies/HR 12/20	2873(G) 1/10/24	$ (18.30)
14585	2170 - US BANK	$ 135.00			
			Dues/CA Society of Municipal Finance Officers/DM 2024	3071 1/10/24	$ 135.00

City of Cypress
Payment Register
02/10/24 - 03/08/24

EFT/ Warrant Number	Vendor	Payment Amount	Description	Invoice	Invoice Amount
14586	2170 - US BANK	$ 87.49	PD Dog Food(1 Bag)/Bono 1/8	4289 1/10/24	$ 87.49
14587	2170 - US BANK	$ 138.52	PD Holster(1)/EC 1/2	4691 1/10/24	$ 138.52
14588	2170 - US BANK	$ 234.00	PD Academy Uniform/Trainee JPerez 1/5	4691(A) 1/10/24	$ 234.00
14589	2170 - US BANK	$ 120.00	PD Reg(6)/Arrest & Control Training 1/1	4691(B) 1/10/24	$ 120.00
14590	2170 - US BANK	$ (32.31)	Credit/Decor/Sr Center 12/12	5166 1/10/24	$ (32.31)
14591	2170 - US BANK	$ 34.75	Post It Notes(18)/Planner(1)/Sr Center 12/22	5166(A) 1/10/24	$ 34.75
14592	2170 - US BANK	$ 104.78	White Board(1)/Calendars(2)/Planner(1)/Sr Center 12/22	5166(B) 1/10/24	$ 104.78
14593	2170 - US BANK	$ 19.72	Supplies/Sr Center 12/22	5166(C) 1/10/24	$ 19.72
14594	2170 - US BANK	$ 88.19	Keyboard Stand(1)/Se Center 1/9	5166(D) 1/10/24	$ 88.19
14595	2170 - US BANK	$ 50.29	Decor/Sr Center 1/9	5166(E) 1/10/24	$ 50.29
14596	2170 - US BANK	$ 677.01	PD VoIP Phone(1)/Lobby 12/14	5350 1/10/24	$ 677.01
14597	2170 - US BANK	$ 44.34	Reg/Domain Name(1)/Recreation 1/12/24-1/11/26	5350(A) 1/10/24	$ 44.34
14598	2170 - US BANK	$ 46.34	Reg/Domain Name(1)/PD 2/20/24-2/19/26	5350(B) 1/10/24	$ 46.34
14599	2170 - US BANK	$ 37.70	Server Rack Shelf(1)/Sr Center 12/21	5350(C) 1/10/24	$ 37.70
14600	2170 - US BANK	$ 90.00	Software Maint/Windows/IT Data Center 1/13/24-1/12/25	5350(D) 1/10/24	$ 90.00
14601	2170 - US BANK	$ 199.00	PD Reg/Tactical Leadership/JK 4/1	6557 1/10/24	$ 199.00
14602	2170 - US BANK	$ 151.20	Breakfast Meeting/Executive Team(7) 12/12	7052 1/10/24	$ 151.20
14603	2170 - US BANK	$ 49.55	Decor/Spring Egg Hunt/Returned 12/14	7072 1/10/24	$ 49.55
14604	2170 - US BANK	$ (49.55)	Credit/Decor/Spring Egg Hunt 1/3	7072(A) 1/10/24	$ (49.55)
14605	2170 - US BANK	$ 50.62	Photo Backdrop(1)/Spring Egg Hunt 1/4	7072(B) 1/10/24	$ 50.62
14606	2170 - US BANK	$ 2,260.00	Reg/CA Park & Rec Society Conference/AC & LM & ER & CP 2/27-3/1	7667 1/10/24	$ 2,260.00

City of Cypress
Payment Register
02/10/24 - 03/08/24

EFT/ Warrant Number	Vendor	Payment Amount	Description	Invoice	Invoice Amount
14607	2170 - US BANK	$ 9.00	Sub/OC Register Online/JD 11/28/23-1/2/24	7667(A) 1/10/24	$ 9.00
14608	2170 - US BANK	$ 754.17	Rash Guards(28)/Day Camp Staff 1/9	9103 1/10/24	$ 754.17
14609	2170 - US BANK	$ 50.00	Dues/City Engineers Assoc of OC/NM 2024	9131 1/10/24	$ 50.00
14610	2170 - US BANK	$ 11.37	Food/Sr Center Volunteer Holiday Party 12/12	9213 1/10/24	$ 11.37
14611	2170 - US BANK	$ 111.76	Food/Sr Center Volunteer Holiday Party 12/11	9213(A) 1/10/24	$ 111.76
14612	2170 - US BANK	$ 32.09	Supplies/Sr Center Volunteer Holiday Party 12/11	9213(B) 1/10/24	$ 32.09
14613	2170 - US BANK	$ 39.99	Food/Sr Center Volunteer Holiday Party 12/12	9213(C) 1/10/24	$ 39.99
14614	2170 - US BANK	$ 111.95	Food/Sr Center Volunteer Holiday Party 12/12	9213(D) 1/10/24	$ 111.95
14615	2170 - US BANK	$ 43.08	Adapter(1)/Electronic Piano/Sr Center 1/8	9213(E) 1/10/24	$ 43.08
14616	2170 - US BANK	$ 180.00	Civil Engineer License/DD 1/1/24-12/31/25	9399 1/10/24	$ 180.00
14617	2170 - US BANK	$ 10.00	Svc/Box/Staff Document Review/Engineering 12/29-1/28	9399(A) 1/10/24	$ 10.00
14618	2170 - US BANK	$ 2,100.00	Svc/Quickbase/Bldg/Public Works 1/24	9399(B) 1/10/24	$ 2,100.00
14619	2170 - US BANK	$ 402.20	PD Thumb Drives(50)/CIB 1/2	9844 1/10/24	$ 402.20
14620	2170 - US BANK	$ 10.00	PD Dues Fee/So Cal Fraud Investigators Assoc/JH 1/1/24-12/31/24	9844(A) 1/10/24	$ 10.00
14621	2170 - US BANK	$ 25.00	PD Dues/OC Homicide Investigators Assoc/CO 1/1/24-12/31/24	9844(B) 1/10/24	$ 25.00
14622	145 - AUSTIN, CHERYL	$ 56.52	W/C Retiree Health Care Benefits 3/24	3/24	$ 56.52
14623	128744 - AYRES, RICHARD	$ 300.00	Retiree Health Care Benefits 3/24	3/24	$ 300.00
14624	102038 - BALDWIN, DARRELL	$ 300.00	Retiree Health Care Benefits 3/24	3/24	$ 300.00
14625	102087 - BISH, EDWARD	$ 300.00	Retiree Health Care Benefits 3/24	3/24	$ 300.00
14626	100101 - BRUCE, THOMAS M	$ 300.00	Retiree Health Care Benefits 3/24	3/24	$ 300.00
14627	129695 - COTE, ROBERT	$ 300.00	Retiree Health Care Benefits 3/24	3/24	$ 300.00

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EFT/ Warrant Number	Vendor	Payment Amount	Description	Invoice	Invoice Amount
14628	128938 - COX, RODNEY	$ 123.85			
			Retiree Health Care Benefits 3/24	3/24	$ 123.85
14629	104003 - ESSEX, CLARE	$ 465.85			
			Retiree Health Care Benefits 3/24	3/24	$ 465.85
14630	128044 - FORNISS, DANIEL	$ 300.00			
			Retiree Health Care Benefits 3/24	3/24	$ 300.00
14631	129816 - FOSTER, SCOTT	$ 300.00			
			Retiree Health Care Benefits 3/24	3/24	$ 300.00
14632	112129 - HERNANDEZ, ALEX	$ 300.00			
			Retiree Health Care Benefits 3/24	3/24	$ 300.00
14633	100667 - LASSALLE, ISMAEL	$ 300.00			
			Retiree Health Care Benefits 3/24	3/24	$ 300.00
14634	123656 - MANUEL, DEAN	$ 300.00			
			Retiree Health Care Benefits 3/24	3/24	$ 300.00
14635	129700 - MCSHANE, CHRIS	$ 232.96			
			Retiree Health Care Benefits 3/24	3/24	$ 232.96
14636	2017 - MINIKUS, SCOTT	$ 308.53			
			Reimb/Medical Premiums 3/24	3/24	$ 308.53
14637	128832 - MORALES, PAULO	$ 300.00			
			Retiree Health Care Benefits 3/24	3/24	$ 300.00
14638	122 - MORROW, RICHARD L	$ 300.00			
			Retiree Health Care Benefits 3/24	3/24	$ 300.00
14639	129501 - MOUNT, ERIC	$ 300.00			
			Retiree Health Care Benefits 3/24	3/24	$ 300.00
14640	129608 - OLSON, JAMES	$ 300.00			
			Retiree Health Care Benefits 3/24	3/24	$ 300.00
14641	128784 - RAMSEY, KENNETH	$ 125.00			
			Retiree Health Care Benefits 3/24	3/24	$ 125.00
14642	119027 - RAMSEY, STEVE	$ 300.00			
			Retiree Health Care Benefits 3/24	3/24	$ 300.00
14643	180 - SWIFT, JEFF	$ 300.00			
			Retiree Health Care Benefits 3/24	3/24	$ 300.00
14644	1024 - VALLEY VISTA SERVICES, INC	$ 231,080.50			
			Waste Disposal Fee 1/24	1/24	$ 231,080.50
14645	105121 - VIGIL, FELIX	$ 300.00			
			Retiree Health Care Benefits 3/24	3/24	$ 300.00
14646	129666 - WALQUIST, BRIAN	$ 300.00			
			Retiree Health Care Benefits 3/24	3/24	$ 300.00
14647	40 - WARLAND INVESTMENTS COMPANY	$ 37,500.00			
			Development Assistance 3/24	3/24	$ 37,500.00
14648	122756 - WINTERSOLE, MICHAEL	$ 300.00			
			Retiree Health Care Benefits 3/24	3/24	$ 300.00

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EFT/ Warrant Number	Vendor	Payment Amount	Description	Invoice	Invoice Amount
14649	342 - WU, ALEX	$ 300.00			
			Retiree Health Care Benefits 3/24	3/24	$ 300.00
14650	116005 - PERS - PUBLIC EMPLOYEES RETIREMENT SYS	$ 187,191.24			
			Med Insurance/City & Dist 3/24	17457345	$ 187,191.24
14651	116005 - PERS - PUBLIC EMPLOYEES RETIREMENT SYS	$ 14,149.38			
			Med Insurance/West Comm 3/24	17457615	$ 14,149.38
14652	100505 - CITY OF CYPRESS-WORKERS COMP	$ 229.52			
			Workers Comp Claims/Professional Svcs/#27097-27138	Reimb 3/1/24	$ 229.52
14653	100505 - CITY OF CYPRESS-WORKERS COMP	$ 4,405.35			
			Workers Comp Claims/Medical/#27097-27138	Reimb(A) 3/1/24	$ 4,405.35
14654	100505 - CITY OF CYPRESS-WORKERS COMP	$ 4,156.92			
			Workers Comp Claims/Permanent Disability/#27097-27138	Reimb(B) 3/1/24	$ 4,156.92
14655	2392 - PALERMO, BRUNO	$ 500.00			
			Refund/Recycling Deposit/9950 Juanita St/CDD-23-207	Rfd 3/1/24	$ 500.00
14656	1608 - ALARM PROGRAM SYSTEMS, LLC	$ 517.32			
			PD Svc/Alarm Permit & False Alarm Collections 1/24	1/24	$ 517.32
14657	130114 - USPS-HASLER - TMS ACCT #39991	$ 500.00			
			Postage 3/24	39991 3/1/24	$ 500.00
14658	1195 - BLUM, GREGORY	$ 4,589.33			
			Advanced Disability/Pension Payment 3/24	3/24	$ 4,589.33
14659	2170 - US BANK	$ 50.00			
			PD Svc/Fastrak Replenishment 1/13	0423 2/10/24	$ 50.00
14660	2170 - US BANK	$ 50.00			
			PD Svc/Fastrak Replenishment 2/2	0423(A) 2/10/24	$ 50.00
14661	2170 - US BANK	$ 61.96			
			W/C Wireless Keyboards(4) 1/23	0781 2/10/24	$ 61.96
14662	2170 - US BANK	$ 8.70			
			W/C Sub/Business Analytics/Reporting Software 1/7-2/6	0781(A) 2/10/24	$ 8.70
14663	2170 - US BANK	$ 195.98			
			W/C Svc/Satellite TV 1/25-2/24	0781(B) 2/10/24	$ 195.98
14664	2170 - US BANK	$ 22.33			
			W/C Data Storage/Amazon Cloud 1/24	0781(C) 2/10/24	$ 22.33
14665	2170 - US BANK	$ 143.00			
			Meals(7)/Board & Brew/Special Council Meeting 1/10	1293 2/10/24	$ 143.00
14666	2170 - US BANK	$ 35.00			
			Facebook Ads(2)/City Events 12/22-1/5	1293(A) 2/10/24	$ 35.00
14667	2170 - US BANK	$ 18.99			
			Food/Council Meetings 1/14	1293(B) 2/10/24	$ 18.99
14668	2170 - US BANK	$ 174.10			
			Meals(7)/The Kebab Shop/Council Meeting 1/22	1293(C) 2/10/24	$ 174.10
14669	2170 - US BANK	$ 110.00			
			Sub/Mailchimp Email Distribution/Admin 1/24	1293(D) 2/10/24	$ 110.00

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EFT/ Warrant Number	Vendor	Payment Amount	Description	Invoice	Invoice Amount
14670	2170 - US BANK	$ 10.00	Facebook Ad/City Employment Promotions 1/26-1/29	1293(E) 2/10/24	$ 10.00
14671	2170 - US BANK	$ 105.00	Meals(7)/Board & Brew/Special Council Meeting 1/24	1293(G) 2/10/24	$ 105.00
14672	2170 - US BANK	$ 10.00	Facebook Ad/City Employment Promotions 1/29-1/31	1293(H) 2/10/24	$ 10.00
14673	2170 - US BANK	$ 15.00	Facebook Ad/City Employment Promotions 1/31-2/5	1293(I) 2/10/24	$ 15.00
14674	2170 - US BANK	$ 2.14	Shipping Fee/Amazon/Office Supplies/Admin 2/5	1293(J) 2/10/24	$ 2.14
14675	2170 - US BANK	$ 9.44	Label Protectors(200)/Admin 2/5	1293(K) 2/10/24	$ 9.44
14676	2170 - US BANK	$ 85.08	File Folders(100)/Admin 2/5	1293(L) 2/10/24	$ 85.08
14677	2170 - US BANK	$ 2,400.00	Reg/Americana Awards(8 Seats) 3/16	1293(M) 2/10/24	$ 2,400.00
14678	2170 - US BANK	$ 59.96	Food/PD Department Meeting 2/8	1293(N) 2/10/24	$ 59.96
14679	2170 - US BANK	$ 600.00	Reg/Americana Awards(2 Seats) 3/16	1293(O) 2/10/24	$ 600.00
14680	2170 - US BANK	$ 45.22	Supplies/Day Camp 1/16	1504 2/10/24	$ 45.22
14681	2170 - US BANK	$ 3.76	Supplies/Teens Night Out 1/18	1504(A) 2/10/24	$ 3.76
14682	2170 - US BANK	$ 111.89	Food/Teens Night Out 1/19	1504(B) 2/10/24	$ 111.89
14683	2170 - US BANK	$ 48.95	Food/Kids Night Out 1/19	1504(C) 2/10/24	$ 48.95
14684	2170 - US BANK	$ 200.00	Deposit/Excursion/Los Angeles Sparks/Day Camp 7/16	1504(D) 2/10/24	$ 200.00
14685	2170 - US BANK	$ 90.62	PD Binders(24)/PACE 1/15	2499 2/10/24	$ 90.62
14686	2170 - US BANK	$ 96.92	PD Cash Drawer(1)/Front Counter 1/16	2499(A) 2/10/24	$ 96.92
14687	2170 - US BANK	$ 18.90	PD Bandages(200) 1/17	2499(B) 2/10/24	$ 18.90
14688	2170 - US BANK	$ 18.90	PD Cardstock(1 Rm) 1/22	2499(C) 2/10/24	$ 18.90
14689	2170 - US BANK	$ 7.53	PD Magnetic Clips(12) 1/24	2499(D) 2/10/24	$ 7.53
14690	2170 - US BANK	$ 35.28	PD Batteries(24) 1/25	2499(E) 2/10/24	$ 35.28

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EFT/ Warrant Number	Vendor	Payment Amount	Description	Invoice	Invoice Amount
14691	2170 - US BANK	$ 30.04	PD Lumber Crayons(24) 1/25	2499(F) 2/10/24	$ 30.04
14692	2170 - US BANK	$ 25.69	PD Cardstock(1 Rm) 1/30	2499(G) 2/10/24	$ 25.69
14693	2170 - US BANK	$ 215.48	PD Printer Ribbons(2)/Mobile Audio Video Printer 2/5	2499(H) 2/10/24	$ 215.48
14694	2170 - US BANK	$ 185.33	PD DVD-R(400)/Mobile Audio Video 2/2	2499(I) 2/10/24	$ 185.33
14695	2170 - US BANK	$ 20.40	PD Expanding File(1) 2/5	2499(J) 2/10/24	$ 20.40
14696	2170 - US BANK	$ 45.36	PD Flash Drives(5) 2/8	2499(K) 2/10/24	$ 45.36
14697	2170 - US BANK	$ 824.16	iPad(1)/Planning Director 1/18	2518 2/10/24	$ 824.16
14698	2170 - US BANK	$ 150.00	Sub/Property Data/Code Enforcement & Planning 1/24	2518(A) 2/10/24	$ 150.00
14699	2170 - US BANK	$ 8.61	Wall Calendar(1)/HR 1/23	2873 2/10/24	$ 8.61
14700	2170 - US BANK	$ 37.80	Labeler Tape(5 Rls)/Pens(12)/Pencils(36)/HR 2/9	2873(A) 2/10/24	$ 37.80
14701	2170 - US BANK	$ 135.00	Dues/CA Society of Municipal Finance Officers Assoc/MB 2024	3071 2/10/24	$ 135.00
14702	2170 - US BANK	$ 87.49	PD Dog Food(1 Bag)/Bono 2/4	4289 2/10/24	$ 87.49
14703	2170 - US BANK	$ 4.96	PD Academy Book(1)/JP 2/12	4691 2/10/24	$ 4.96
14704	2170 - US BANK	$ 600.00	PD Reg/Hostage Rescue Tactics/CM 2/6-2/7	4691(A) 2/10/24	$ 600.00
14705	2170 - US BANK	$ 388.00	PD Reg/Law Enforcement Armorer AR15 Course/MZ 3/12-3/13	4691(B) 2/10/24	$ 388.00
14706	2170 - US BANK	$ 195.00	PD Reg/Law Enforcement Armorer Rifle Course/MZ 3/15	4691(C) 2/10/24	$ 195.00
14707	2170 - US BANK	$ 117.87	PD Universal Tourniquet Plates(3) 2/13	4691(D) 2/10/24	$ 117.87
14708	2170 - US BANK	$ 222.59	PD Hobble Restraints(1) 2/13	4691(E) 2/10/24	$ 222.59
14709	2170 - US BANK	$ 633.65	PD Tourniquets(8) 2/13	4691(F) 2/10/24	$ 633.65
14710	2170 - US BANK	$ 16.14	Magnets(20)/Sheet Protectors(50)/Sr Center 1/18	5166 2/10/24	$ 16.14
14711	2170 - US BANK	$ 59.00	Reg/First Aid-CPR Training/KK 2/9	5166(A) 2/10/24	$ 59.00

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EFT/ Warrant Number	Vendor	Payment Amount	Description	Invoice	Invoice Amount
14712	2170 - US BANK	$ 95.83	Decor/Sr Center 2/6	5166(B) 2/10/24	$ 95.83
14713	2170 - US BANK	$ 5.37	Supplies/Sr Center 2/6	5166(C) 2/10/24	$ 5.37
14714	2170 - US BANK	$ 53.86	Bingo Game(1)/Sr Center 2/9	5166(D) 2/10/24	$ 53.86
14715	2170 - US BANK	$ 5.38	Key Tags(16)/IT 1/12	5350 2/10/24	$ 5.38
14716	2170 - US BANK	$ 131.99	Temperature & Humidity Sensor(1)/IT Server Room 1/16	5350(A) 2/10/24	$ 131.99
14717	2170 - US BANK	$ 45.20	Computer Memory(1)/Audio-Visual Computer/Council Chambers 1/29	5350(B) 2/10/24	$ 45.20
14718	2170 - US BANK	$ 14.38	Batteries(2)/Hearing Impaired Headsets/Council Chambers 1/29	5350(C) 2/10/24	$ 14.38
14719	2170 - US BANK	$ 299.00	PD Reg/Non-Criminal Barricade/JK 6/13	6557 2/10/24	$ 299.00
14720	2170 - US BANK	$ 250.00	PD Reg/Leadership & Accountability/LW 3/25-3/26	6557(A) 2/10/24	$ 250.00
14721	2170 - US BANK	$ 250.00	PD Reg/Leadership & Accountability/JK 4/29-4/30	6557(B) 2/10/24	$ 250.00
14722	2170 - US BANK	$ 120.00	PD Reg/Arrest & Control/EC & TC & JH & AS & JK & MM 2/16	6557(C) 2/10/24	$ 120.00
14723	2170 - US BANK	$ 350.00	PD Reg/Traffic Collision Basic/ME & MG 2/5-2/9	6557(D) 2/10/24	$ 350.00
14724	2170 - US BANK	$ 375.00	PD Reg/Driver's Training/MC & HM & CP & CM & CR 2/22	6557(E) 2/10/24	$ 375.00
14725	2170 - US BANK	$ 150.00	PD Reg/Driver's Training/NG & TC 2/22	6557(F) 2/10/24	$ 150.00
14726	2170 - US BANK	$ 150.00	PD Reg/Driver's Training/DD & MM 3/4	6557(G) 2/10/24	$ 150.00
14727	2170 - US BANK	$ 150.00	PD Reg/Driver's Training/RT & EC 3/4	6557(H) 2/10/24	$ 150.00
14728	2170 - US BANK	$ 150.00	PD Reg/Driver's Training/BP & TM 3/25	6557(I) 2/10/24	$ 150.00
14729	2170 - US BANK	$ 375.00	PD Reg/Driver's Training/CO & SR & SG & JH & EC 3/26	6557(J) 2/10/24	$ 375.00
14730	2170 - US BANK	$ 86.19	Basketball(1)/Youth Sports 1/22	6653 2/10/24	$ 86.19
14731	2170 - US BANK	$ 560.00	Filled Eggs(4K)/Spring Egg Hunt 2/2	6653(A) 2/10/24	$ 560.00

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EFT/ Warrant Number	Vendor	Payment Amount	Description	Invoice	Invoice Amount
14732	2170 - US BANK	$ 69.72			
			Volleyballs(4)/Youth Sports 1/31	6653(B) 2/10/24	$ 69.72
14733	2170 - US BANK	$ 183.90			
			Volleyballs(10)/Youth Sports 2/2	6653(C) 2/10/24	$ 183.90
14734	2170 - US BANK	$ 18.31			
			Baseball Bases(6)/Youth Sports 2/12	6653(D) 2/10/24	$ 18.31
14735	2170 - US BANK	$ 82.22			
			Flag Football Flags(24 Sets)/Youth Sports 2/8	6653(E) 2/10/24	$ 82.22
14736	2170 - US BANK	$ 144.69			
			Basketballs(12)/Youth Sports 2/9	6653(F) 2/10/24	$ 144.69
14737	2170 - US BANK	$ 37.44			
			PD Gaffers Tape(2 Rls) 2/8	6696 2/10/24	$ 37.44
14738	2170 - US BANK	$ 51.25			
			Erroneous Charge/Reimbursed/PG 1/13	7052 2/10/24	$ 51.25
14739	2170 - US BANK	$ 116.00			
			Sub/LA Times Online/PG 2/6/24-2/5/25	7052(A) 2/10/24	$ 116.00
14740	2170 - US BANK	$ 86.16			
			Decor/Spring Egg Hunt 2/5	7072 2/10/24	$ 86.16
14741	2170 - US BANK	$ 1.00			
			Sub/OC Register Online/JD 1/3-2/6	7667 2/10/24	$ 1.00
14742	2170 - US BANK	$ 4.00			
			Sub/OC Register Online/JD 2/6-3/6	7667(A) 2/10/24	$ 4.00
14743	2170 - US BANK	$ 110.25			
			Slide Bolt Lock(1)/Lexington Park 1/31	8731 2/10/24	$ 110.25
14744	2170 - US BANK	$ 165.00			
			Reg/Trees & Construction/JL 2/8	8731(A) 2/10/24	$ 165.00
14745	2170 - US BANK	$ 1,395.00			
			Reg/Advanced Drainage Eng-Stormwater Design/DC & BB 4/8-4/9	8756 2/10/24	$ 1,395.00
14746	2170 - US BANK	$ 744.99			
			PD Mounting Hardware(6 Pcs)/Mugshot Camera 1/16	8878 2/10/24	$ 744.99
14747	2170 - US BANK	$ 75.00			
			PD Dues/CA Law Enforcement Assoc of Records Supervisors/NB 2024	9075 2/10/24	$ 75.00
14748	2170 - US BANK	$ 120.00			
			Reg/CA Park & Rec Society Mini Conference/CP & LM & ER & AT 2/1	9103 2/10/24	$ 120.00
14749	2170 - US BANK	$ 55.00			
			Reg/2024 Winter Social/SG & LM & AT 1/19	9103(A) 2/10/24	$ 55.00
14750	2170 - US BANK	$ 59.00			
			Reg/First Aid-CPR/CP 3/5	9103(B) 2/10/24	$ 59.00
14751	2170 - US BANK	$ 59.00			
			Reg/First Aid-CPR/ER 3/5	9103(C) 2/10/24	$ 59.00
14752	2170 - US BANK	$ 59.00			
			Reg/First Aid-CPR/JD 3/5	9103(D) 2/10/24	$ 59.00

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EFT/ Warrant Number	Vendor	Payment Amount	Description	Invoice	Invoice Amount
14753	2170 - US BANK	$ 102.93	Cell Phones(3)/Recreation 2/2	9103(E) 2/10/24	$ 102.93
14754	2170 - US BANK	$ 50.00	Dues/OC Traffic Engineers Council/BB & KC 2024	9131 2/10/24	$ 50.00
14755	2170 - US BANK	$ 20.00	Reg/OC Traffic Engineering Council Meeting/BB 1/25	9131(A) 2/10/24	$ 20.00
14756	2170 - US BANK	$ 50.00	Reg/City Engineers Assoc of OC Meeting/NM 2/5	9131(B) 2/10/24	$ 50.00
14757	2170 - US BANK	$ 20.00	Reg/OC Traffic Engineering Council Meeting/KC 1/25	9131(C) 2/10/24	$ 20.00
14758	2170 - US BANK	$ 180.00	License/Civil Engineer/DC 4/1/24-3/31/26	9131(D) 2/10/24	$ 180.00
14759	2170 - US BANK	$ 50.00	Dues/City Engineers Assoc of OC/City 2024	9131(E) 2/10/24	$ 50.00
14760	2170 - US BANK	$ 50.00	Reg/OC Traffic Engineering Council Meeting/BB & KC 2/22	9131(F) 2/10/24	$ 50.00
14761	2170 - US BANK	$ 231.32	2024 Greenbook Standard Specifications(1)/Engineering 2/6	9131(G) 2/10/24	$ 231.32
14762	2170 - US BANK	$ 127.39	2024 Work Area Traffic Control Handbooks(5)/Engineering 2/6	9131(H) 2/10/24	$ 127.39
14763	2170 - US BANK	$ 79.11	PD Dog Food(1 Bag)/Kubo 1/15	9185 2/10/24	$ 79.11
14764	2170 - US BANK	$ 7.50	Supplies/Sr Center 1/15	9213 2/10/24	$ 7.50
14765	2170 - US BANK	$ 52.25	Desk Organizer(1)/Sr Center 1/19	9213(A) 2/10/24	$ 52.25
14766	2170 - US BANK	$ (42.98)	Credit/Keyboard Stand(1)/Sr Center 1/26	9213(B) 2/10/24	$ (42.98)
14767	2170 - US BANK	$ 59.67	Supplies/Sr Center 1/30	9213(C) 2/10/24	$ 59.67
14768	2170 - US BANK	$ 522.66	Imprinted Pens(1.25K)/Sr Center 2/15	9213(D) 2/10/24	$ 522.66
14769	2170 - US BANK	$ 55.69	Supplies/Sr Center 2/8	9213(E) 2/10/24	$ 55.69
14770	2170 - US BANK	$ 30.48	Popcorn Bags(500)/Sr Center 2/8	9213(F) 2/10/24	$ 30.48
14771	2170 - US BANK	$ 10.00	Svc/Box/Staff Document Review/Engineering 1/29-2/28	9399 2/10/24	$ 10.00
14772	2170 - US BANK	$ 2,100.00	Svc/Quickbase/Bldg/Public Works 2/24	9399(A) 2/10/24	$ 2,100.00
14773	2170 - US BANK	$ 100.00	PD Dues/OC Homicide Investigators Assoc/EC & JH & SG & SR 2024	9844 2/10/24	$ 100.00

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EFT/ Warrant Number	Vendor	Payment Amount	Description	Invoice	Invoice Amount
14774	2170 - US BANK	$ 257.78			
			PD Sub/Warrant Builder 1/18/24-1/17/25	9844(A) 2/10/24	$ 257.78
14775	2170 - US BANK	$ 25.75			
			PD Cell Phone Case(1)/School Resource Officer 2/8	9844(B) 2/10/24	$ 25.75
14776	2170 - US BANK	$ 6.42			
			PD Cell Phone Screen Protector(1)/School Resource Officer 2/8	9844(C) 2/10/24	$ 6.42
14777	2170 - US BANK	$ 151.85			
			PD Portable Chargers(5)/Property & Evidence 2/8	9844(D) 2/10/24	$ 151.85
14778	2170 - US BANK	$ 10.00			
			Facebook Ad/City Employment Promotions 1/23-1/26	1293(F) 2/10/24	$ 10.00
64532	100085 - AARDVARK	$ 1,938.63			
			PD Flash-Bang Devices(18) 2/1	PIN17585	$ 1,938.63
64533	109380 - AFFORDABLE GENERATOR SERVICES, INC	$ 5,116.44			
			Inspect/Generator/Civic Center 1/22	24875	$ 1,317.43
			Inspect/Generator/Maint Yard 1/22	24874	$ 421.37
			Inspect/Generator/PS #1 1/24	24876	$ 690.08
			Inspect/Generator/PS #2 1/24	24877	$ 808.97
			Inspect/Generator/PS #3 1/24	24878	$ 808.97
			Inspect/Generator/PS #6 1/24	24879	$ 642.62
			Svc/Troubleshoot Generator/Civic Center 1/29	24910	$ 427.00
64534	100723 - ALESHIRE & WYNDER, LLP	$ 53,628.45			
			Legal Svc/CA Aware 12/23	83087	$ 11,165.64
			Legal Svc/Code Enforcement 12/23	83082	$ 380.50
			Legal Svc/Engineering 12/23	83079	$ 1,590.00
			Legal Svc/General Admin 12/23	83075	$ 1,113.00
			Legal Svc/Housing 12/23	83083	$ 6,136.00
			Legal Svc/HR 12/23	83077	$ 29.50
			Legal Svc/Makkouk 12/23	83084	$ 1,090.59
			Legal Svc/Planning 12/23	83078	$ 371.50
			Legal Svc/Police 12/23	83081	$ 762.50
			Legal Svc/Recreation 12/23	83080	$ 1,857.50
			Litigation Svc/CVRA Challenge 12/23	83086	$ 6,814.45
			Litigation Svc/General Admin 12/23	83076	$ 423.00
			Litigation Svc/Ihrig 12/23	83089	$ 7,471.62
			Litigation Svc/Sokmen 12/23	83085	$ 1,014.50
			Litigation Svc/Youngsma 12/23	83088	$ 13,408.15
64535	122455 - ALL AMERICAN SIGN CO, INC	$ 290.66			
			Update Banners(4)/Recreation Classes 1/10	55129	$ 290.66
64536	105442 - ALL CITY MANAGEMENT SERVICE INC	$ 14,509.17			
			Crossing Guard Svcs(27 Hrs)/Orange & Grindlay 1/7-1/20	90674(A)	$ 650.43
			Crossing Guard Svcs(575.29 Hrs) 1/7-1/20	90674	$ 13,858.74

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EFT/ Warrant Number	Vendor	Payment Amount	Description	Invoice	Invoice Amount
64537	1200 - ANNEALTA GROUP	$ 2,673.75			
			Svc/Lincoln Avenue Specific Plan Amendment 1/24	3096	$ 310.00
			Svc/Planning Project Management/Citrus Square 10/23	3003	$ 503.75
			Svc/Planning Project Manager/5665 Plaza Dr 1/24	3094	$ 775.00
			Svc/Planning Project Mgr/Housing Element Implementation 1/24	3095	$ 1,085.00
64538	1619 - ARDURRA GROUP, INC-ANDERSON PENNA PARTNERS	$ 1,200.00			
			Svc/City Engineer 1/24	145930	$ 1,200.00
64539	110860 - AT&T	$ 80.48			
			Svc/Engineering Mobile Hotspots 1/24	1/24(H)	$ 80.48
64540	110860 - AT&T	$ 4.43			
			2481347232-Admin Phone Svc 2/24	2/24	$ 4.43
64541	110860 - AT&T	$ 1,350.39			
			9391033695-Civic Center Phone Svc 1/24	1/24(G)	$ 29.40
			W/C Svc/Priority Radio Line 1/24	000021201701	$ 1,320.99
64542	110860 - AT&T	$ 1.72			
			East Wing Fax Line 1/24	1/24(I)	$ 1.72
64543	252 - AUTO ZONE, INC	$ 334.34			
			Air Conditioner Control Module(1)/Spark Plugs(8)/Misc 1/10	5521155736	$ 334.34
64544	1232 - BANNER BANK	$ 23,150.00			
			Retention/LA Engineering/Construct/AC Park Rehab 1/24	2-1/24	$ 23,150.00
64545	1822 - BENEFITS COORDINATORS CORPORATION BCC	$ 10,028.28			
			Insurance/Life/LTD/STD/Optional 3/24	14074	$ 10,028.28
64546	1822 - BENEFITS COORDINATORS CORPORATION BCC	$ 12,340.41			
			Insurance/Dental & Vision/City & Dist 2/24	B0CHR8	$ 9,582.35
			Insurance/Dental & Vision/West Comm 2/24	B0CHWS	$ 1,009.80
			Insurance/Vision Claims/City 1/24	B0CJ73	$ 1,748.26
64547	103141 - CA FORENSIC PHLEBOTOMY, INC	$ 382.38			
			PD Blood/Alcohol Tests(3) 1/24	2479	$ 382.38
64548	1375 - CALIBER CONSTRUCTION	$ 1,200.00			
			Refund/Recycling Deposit/CDD-23-238/6261 Katella Ave	Rfd 2/16/24	$ 1,200.00
64549	1313 - CALIFORNIA BANK & TRUST	$ 2,648.01			
			PD Claim/Protech Construction 4/5	1017	$ 2,648.01
64550	2137 - CALIFORNIA SAFETY AGENCY RECON INDUSTRIES INC	$ 1,240.00			
			Svc/Restroom & Tennis Court Lockup 1/24	3604-158	$ 1,240.00
64551	1998 - CEJA, SAUL	$ 36.00			
			Meals/Use of Force & De-Escalation 12/18-12/20	Reimb 2/16/24	$ 36.00
64552	2090 - CHARTER COMMUNICATIONS HOLDINGS LLC SPECTRUM	$ 2,158.71			
			Svc/Internet Access 1/15-2/14	1/15/24-2/14/24	$ 1,594.96
			W/C Svc/Internet 1/24	218496501020124	$ 563.75
64553	115003 - COUNTY OF ORANGE	$ 145,679.52			
			Svc/Animal Care 10/1/23-12/31/23	AC2490042	$ 145,679.52

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EFT/ Warrant Number	Vendor	Payment Amount	Description	Invoice	Invoice Amount
64554	115003 - COUNTY OF ORANGE	$ 1,104.51			
			PD Svc/OC Automated Telecommunications System 1/24	SH67768	$ 1,104.51
64555	710 - COUNTY OF ORANGE SHERIFF'S DEPARTMENT OCSD	$ 483.93			
			PD Repair/Motor Radio 9/23	STTM001736	$ 139.00
			PD Repair/Radio Speaker 10/23	STTM001808	$ 344.93
64556	1622 - DANIELS TIRE SERVICE, INC	$ 932.28			
			Vehicle Tires(7) 1/24	200495256	$ 932.28
64557	2226 - DAVID EVANS AND ASSOCIATES, INC	$ 830.00			
			Consult/Right-of-Way Irrigation System/Water Conservation 12/23	553283	$ 830.00
64558	755 - DOMEN LAWNMOWER	$ 460.57			
			Chains(5)/Blades(4)/Filters(3)/Misc 1/26	188596	$ 460.57
64559	1296 - EDCO CNG	$ 1,433.00			
			Natural Gas(376.72 Gls)/Sweepers(2) 1/1-1/15	01232024-6	$ 1,213.04
			Natural Gas(68.31 Gls)/Sewer Truck(1) 1/1-1/15	01232024-6(A)	$ 219.96
64560	1488 - ENTERPRISE HOLDINGS INC	$ 3,575.51			
			PD Rental Car(1) 11/10-1/9	35077484	$ 1,537.04
			PD Rental Car(1) 12/11-1/19	35077484(A)	$ 1,106.12
			PD Rental Car(1) 12/3-1/3	35077484(B)	$ 932.35
64561	2185 - ENVIRO SAFETY PRODUCTS, PUBLIC SAFETY CENTER	$ 450.44			
			PD Exam Gloves(4K) 1/25	INV612893	$ 450.44
64562	104530 - EXPERIAN	$ 78.20			
			PD Credit Reports 1/24	CD2410002840	$ 78.20
64563	2235 - FACILITY SOLUTIONS GROUP, INC	$ 659.43			
			LED Lights(16) 1/31	5422210-00	$ 659.43
64564	1115 - FRONTIER	$ 2,585.77			
			W/C Phone Svc/5627955413 2/24	2/24(B)	$ 2,585.77
64565	119018 - GOLDEN STATE WATER COMPANY	$ 3,221.89			
			Svc/Civic Center 1/24	1/24(B)	$ 43.26
			Svc/Lexington Park 1/24	1/24(E)	$ 1,477.40
			Svc/Parks Landscaping 1/24	1/24(C)	$ 34.67
			Svc/Parkway Maint 1/24	1/24(F)	$ 1,172.16
			Svc/Stanton Channel Berm 1/24	1/24(D)	$ 494.40
64566	110049 - GREAT SCOTT TREE SERVICE INC	$ 2,850.00			
			Svc/Remove Trees(3)/Manzanita Park 1/29	52071	$ 2,850.00
64567	1965 - GREENFIELDS OUTDOOR FITNESS, INC	$ 176.71			
			Footrest(1)/Hardware(6 Pcs)/Mackay Park Exercise Equipment 1/23	S25393	$ 176.71
64568	1464 - HANLEY CHESS ACADEMY	$ 1,121.25			
			Instruct/Chess 1/9-2/6	2/6/24	$ 1,121.25
64569	103008 - HARTZOG & CRABILL	$ 3,330.00			
			Consult/Traffic Plan Review & Signal Timing 1/24	24-0093	$ 1,305.00
			Svc/Monitor Traffic Signals 1/24	24-0092	$ 2,025.00

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EFT/ Warrant Number	Vendor	Payment Amount	Description	Invoice	Invoice Amount
64570	2179 - IGM TECHNOLOGY CORP	$ 17,000.00			
			Final/Svc/Electronic Budgeting 12/19/23-12/18/24	1601	$ 17,000.00
64571	450 - INGLIS IMPORTS, INC-INGLIS POLICE DOG ACADEMY	$ 200.00			
			PD Reg/K9 Helper/Decoy Class/JM 11/28-11/29	IPHS001122	$ 200.00
64572	102993 - ITERIS, INC	$ 5,670.31			
			Consult/Citywide Traffic Signal Cabinet Assessment 12/23	166278	$ 5,670.31
64573	1202 - LOS ANGELES ENGINEERING INC	$ 439,850.00			
			Construct/Arnold Cypress Park Rehab 1/24	2-1/24	$ 439,850.00
64574	109220 - MANHATTAN STITCHING CO, INC - BRENDAN SCREEN PRII	$ 357.03			
			PD Foil Seals(500)/PACE 1/31	99071	$ 357.03
64575	111271 - MAR-CO EQUIPMENT CO	$ 2,447.20			
			Replace/Hydraulic Oil Level Float/Sweeper Unit #138	198864	$ 2,447.20
64576	914 - MCSHANE, CHRISTOPHER	$ 36.00			
			Meals/SKIDDS/CATS K9 Course 1/10-1/12	Reimb 2/16/24	$ 36.00
64577	778 - MERMER, TERRY	$ 36.00			
			Meals/SKIDDS/CATS K9 Course 1/10-1/12	Reimb 2/16/24	$ 36.00
64578	578 - MIG-MOORE IACOFANO GOLTSMAN, INC	$ 5,898.75			
			Design/Arnold Cypress Park Rehab 12/23	0084534	$ 5,898.75
64579	122124 - MIKE RAAHAUGE SHOOTING ENTERPRISES	$ 25.00			
			PD Svc/Shooting Range(1)/SWAT 1/18	1911	$ 25.00
64580	354 - MILLS COLLISION CENTER	$ 6,732.31			
			Repair/Front Bumper & Lights/Unit #609	10419	$ 2,747.31
			Repair/Front End Body/Unit #609	10417	$ 3,985.00
64581	80 - MORRIS, LETICIA	$ 799.50			
			Instruct/Zumba 1/13-1/27	1/27/24	$ 265.20
			Instruct/Zumba 12/2-12/16	12/16/23	$ 269.10
			Instruct/Zumba Gold 1/11-1/25	1/25/24	$ 148.20
			Instruct/Zumba Gold 12/7-12/14	12/14/23	$ 117.00
64582	125848 - NATIONAL SAFETY COMPLIANCE INC	$ 433.58			
			Annual Admin Fee/Random Drug & Alcohol Testing 1/1/24-12/31/24	96807	$ 150.00
			Drug Tests(3)/Alcohol Test(1) 1/23	96807(A)	$ 283.58
64583	108944 - OFFICE DEPOT	$ 1,146.72			
			Supplies/Citywide 1/24	2/19/24	$ 1,146.72
64584	2199 - OPPENHEIMER NATIONAL	$ 1,687.50			
			Retention/Replace/Park Drinking Fountains(3)	310-E-02	$ 1,687.50
64585	111276 - ORANGE COUNTY BUSINESS JOURNAL	$ 50.00			
			Sub/OC Business Journal/PG 12/19/23-12/18/24	1100323863	$ 50.00
64586	122725 - ORANGE COUNTY SANITATION DISTRICT	$ 75,524.27			
			Sewer Connect Fees 1/24	1/24	$ 75,524.27
64587	129575 - PARKHOUSE TIRE INC	$ 699.03			
			Sweeper Tire(1)/Trailer Tires(2) 1/6	1020278101	$ 699.03

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64588	1970 - PERFORMANCE PICKLEBALL, LLC	$ 806.00			
			Instruct/Pickleball 1/10-1/31	1/31/24	$ 806.00
64589	2386 - POMONA VALLEY TOWING	$ 350.00			
			PD Svc/Vehicle Towing/Criminal Investigation #DR24-00117 1/22	30766	$ 350.00
64590	254 - QUALITY CODE PUBLISHING, LLC	$ 1,305.00			
			Codification Website Maint & Storage 1/1/24-12/31/24	GC00124254	$ 1,305.00
64591	580 - R.J. NOBLE COMPANY	$ 790,604.06			
			Construct/Arterial Street Rehab 1/24	238736	$ 790,604.06
64592	2218 - READWRITE EDUCATIONAL SOLUTIONS INC	$ 113.10			
			Instruct/Reading & Math Development 1/10-1/31	1/31/24	$ 113.10
64593	109096 - S.C. SIGNS & SUPPLIES, LLC	$ 206.88			
			Street Signs(4) 1/30	244850	$ 206.88
64594	106893 - SAFESHRED	$ 40.00			
			W/C Svc/Shredding 1/16	348376	$ 40.00
64595	2194 - SAFETY-KLEEN SYSTEMS, INC	$ 50.00			
			Svc/Disposal/Used Antifreeze(50 Gls) 1/18	93680496	$ 50.00
64596	130328 - SHOETERIA	$ 163.71			
			Safety Shoes(1)/DBetancourt 1/29	0061315IN	$ 163.71
64597	165 - SKYLINE SAFETY & SUPPLY-PATRICIA SONTAG	$ 224.37			
			Rain Jackets(2)/Rain Boots(1 Pr)/Rain Pants(2) 2/3	8176	$ 224.37
64598	119051 - SMART & FINAL (REC & PARKS)	$ 125.09			
			Food/Playground/Kids Night Out 1/18	20031101 1/18/24	$ 33.06
			Food/Teens Night Out 1/18	20031302	$ 43.05
			Supplies/Comm Center 1/16	20029001 1/16/24	$ 45.22
			Supplies/Teens Night Out 1/18	20031201 1/18/24	$ 3.76
64599	108459 - SMART & FINAL-POLICE ACCT	$ 398.25			
			PD Hot Cups(950)/Spoons(500) 1/29	0003901 1/29/24	$ 126.39
			PD Knives(500)/Forks(500) 1/26	0059403 1/26/24	$ 28.25
			PD Supplies/Breakroom 1/5	0003601 1/5/24	$ 199.05
			PD Trash Bags(80) 1/17	0013801 1/17/24	$ 44.56
64600	119016 - SO CAL EDISON	$ 103,842.59			
			700351486618 Svc/Willow Park 1/24	1/24(D)	$ 482.02
			700370018870 - Svc/Traffic Signal 1/24	1/24(C)	$ 107.24
			700428641933 Svc/Mackay Park 1/24	1/24(B)	$ 127.63
			Svc/Citywide 12/12-1/10	12/12/23-1/10/24	$ 103,125.70
64601	1987 - SON, YOUNGJUN	$ 72.00			
			Meals/Field Training Officer 1/16-1/20	Reimb 2/16/24	$ 60.00
			Meals/Mental Health Decision Making 12/7	Reimb(A) 2/16/24	$ 12.00
64602	543 - SORVILLO, BRYAN	$ 9,204.75			
			Instruct/Group Tennis 1/3-2/9	2/9/24	$ 8,784.75
			Instruct/Private Tennis Lessons 1/24	1/24	$ 84.00
			Instruct/Private Tennis Lessons 11/23	11/23	$ 336.00

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EFT/ Warrant Number	Vendor	Payment Amount	Description	Invoice	Invoice Amount
64603	125888 - SPARKLETTS	$ 226.68			
			Maint Bottled Water 1/24	4106666 1/24	$ 158.85
			Print Shop Bottled Water 1/24	4105217 1/24	$ 19.95
			W/C Bottled Water 1/24	4089647 1/24	$ 47.88
64604	1969 - SPINDOLA, CHRISTOPHER	$ 60.00			
			Meals/Field Training Officer 11/16-11/20	Reimb 2/16/24	$ 60.00
64605	116238 - STAPLES BUSINESS ADVANTAGE	$ 381.36			
			Supplies/Citywide 1/24	2/19/24	$ 381.36
64606	119024 - STATE COMP INSURANCE FUND	$ 1,769.33			
			W/C Workers Comp Insurance 1/30-2/29	1001574630	$ 1,769.33
64607	2378 - TEAMCIVX, LLC	$ 7,200.00			
			Svc/Education & Outreach/Housing Element Ballot Measure 1/24	1736	$ 7,200.00
64608	851 - THE UPS STORE, #5882	$ 225.00			
			Svc/Fingerprints(1)/Rec Contractors 1/24	2/1/2024(C)	$ 25.00
			Svc/Fingerprints(1)/Recreation 1/24	2/1/2024(A)	$ 25.00
			Svc/Fingerprints(3)/Rec Volunteers 1/24	2/1/2024(B)	$ 75.00
			Svc/Fingerprints(4)/City 1/24	2/1/2024	$ 100.00
64609	127207 - UNDERGROUND SVS ALERT OF SO CA	$ 108.00			
			Svc/DigAlert Tickets 1/24	120240211	$ 108.00
64610	1139 - UNIFIRST CORP	$ 848.91			
			Uniforms/Mats/Mops/Towels 1/24	1/24	$ 848.91
64611	100308 - UNITED MAINTENANCE SYSTEMS	$ 18,741.00			
			Svc/Janitorial/Citywide 1/24	15687	$ 5,286.50
			Svc/Janitorial/Park & Rec Facilities 1/24	15689	$ 7,980.00
			Svc/Janitorial/Park Restrooms(8) 1/24	15688	$ 4,687.50
			Svc/Weekend Enhanced Cleaning/PD 1/24	15686	$ 787.00
64612	1997 - VACCARO, FRANK WEST COAST OFFICIALS	$ 330.00			
			Officials(5 Games)/Youth Basketball 1/25 & 2/2	1604	$ 330.00
64613	2089 - VAZQUEZ, JORGE M GREASE AWAY	$ 600.00			
			Svc/Clean Exhaust Hood/Sr Center Kitchen 1/18	2277	$ 600.00
64614	1992 - VOORHEES, RONDA	$ 267.80			
			Instruct/Piano 1/17-1/24	1/24/24	$ 267.80
64615	2142 - VRC COMPANIES, LLC VITAL RECORDS HOLDINGS, LLC	$ 264.38			
			Off-Site Records Storage/Retrieval 2/24	4037812LAX1	$ 264.38
64616	1993 - WATANABE , BRYCE I	$ 1,392.30			
			Instruct/Karate 1/8-2/7	2/7/24	$ 1,392.30
64617	127591 - WEST COAST SAND & GRAVEL	$ 532.29			
			Sandbag Sand(26 Tons) 1/31	695129	$ 532.29
64618	2193 - WEST GROVE VOLLEYBALL, LLC	$ 286.65			
			Instruct/Volleyball 1/7-1/28	1/28/24	$ 286.65

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64619	1341 - WESTERN AUDIO VISUAL	$ 6,010.65			
			Maint/Audio-Visual System/Council Chambers 3/2/24-3/1/25	20172	$ 6,010.65
64620	2376 - WESTERN HIGH SCHOOL	$ 350.00			
			Refund/Rental Fee & Deposit/Contract #8273	Rfd 2/16/24	$ 350.00
64621	2058 - WHITE, LEANGELO	$ 1,392.00			
			Meals/Drug Abuse Recognition 12/5-12/7	Reimb(A) 2/16/24	$ 36.00
			Meals/Use of Force & De-Escalation 12/18-12/20	Reimb 2/16/24	$ 36.00
			Tuition/Intro to Programming/Spring 2024	Tuit 2/16/24	$ 1,320.00
64622	2284 - WURSTHORN, JOSHUA	$ 24.00			
			Meals/Firearms Basic Rifle 12/22-12/23	Reimb 12/16/24	$ 24.00
64623	2273 - YOUNG REMBRANDTS NORTH ORANGE COUNTY BI DAN YU	$ 696.80			
			Instruct/Youth Drawing 1/2-1/30	1/30/24	$ 696.80
64624	0 - ELITE SOCCER CLUB	$ 187.00			
			Refund/Facility Rental Fee/Contract #8449 2/1-2/8	Rfd 2/16/24	$ 187.00
64625	0 - JAGAN, SRIVIDHYA	$ 33.00			
			Refund/Intermediate Volleyball 2/4-2/25	Rfd 2/16/24	$ 33.00
64626	0 - KIM, ROBERT	$ 500.00			
			Refund/Recycling Deposit/CDD-23-294/5502 Kanel Circle	Rfd 2/16/24	$ 500.00
64627	0 - MELIA HOMES	$ 50,000.00			
			Refund/Water Quality Improvement/Vessels Circle	Rfd 2/16/24	$ 50,000.00
64628	0 - RICHMAN, JENNIFER	$ 147.00			
			Refund/Skyhawks Multi-Sport 1/27-3/23	Rfd 2/16/24	$ 147.00
64629	0 - SUN, SHIHFEN	$ 500.00			
			Refund/Recycling Deposit/CDD-24-24/5752 Karen Ave	Rfd 2/16/24	$ 500.00
64630	0 - WASSERMAN, GARY	$ 54.00			
			Refund/Pee Wee Baseball 1/25-2/29	Rfd 2/16/24	$ 54.00
64631	1494 - LOZEAU CONSULTING, TRAINING & INVESTIGATIONS	$ 100.00			
			PD Reg/Homeless Liaison Officer/AS 7/11	PD Reg 7/11	$ 100.00
64632	106914 - ADMINSURE	$ 6,954.00			
			Workers Comp Claims Admin 2/24	16666	$ 3,477.00
			Workers Comp Claims Admin 3/24	16742	$ 3,477.00
64633	270 - AITHAL, DARSHINI	$ 228.80			
			Instruct/Chair Yoga 12/5-12/19	12/19/23	$ 100.10
			Instruct/Flow Yoga 12/4-12/18	12/18/23	$ 128.70

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64634	100723 - ALESHIRE & WYNDER, LLP	$ 36,214.55			
			Legal Svc/CA Aware 1/24	83809	$ 1,563.00
			Legal Svc/Code Enforcement 1/24	83804	$ 115.50
			Legal Svc/Engineering 1/24	83800	$ 291.50
			Legal Svc/Finance 1/24	83801	$ 715.50
			Legal Svc/General Admin 1/24	83797	$ 4,107.50
			Legal Svc/Housing 1/24	83805	$ 1,445.50
			Legal Svc/HR 1/24	83799	$ 1,787.70
			Legal Svc/Makkouk 1/24	83806	$ 16.00
			Legal Svc/Police 1/24	83803	$ 265.00
			Legal Svc/Recreation 1/24	83802	$ 737.00
			Litigation Svc/CVRA Challenge 1/24	83808	$ 8,112.50
			Litigation Svc/General Admin 1/24	83798	$ 1,884.50
			Litigation Svc/Singh 1/24	83811	$ 1,157.50
			Litigation Svc/Sokmen 1/24	83807	$ 4,480.35
			Litigation Svc/Youngsma 1/24	83810	$ 9,535.50
64635	105442 - ALL CITY MANAGEMENT SERVICE INC	$ 14,842.09			
			Crossing Guard Svcs(27 Hrs)/Orange & Grindlay 1/21-2/3	90977(A)	$ 650.43
			Crossing Guard Svcs(589.11 Hrs) 1/21-2/3	90977	$ 14,191.66
64636	1619 - ARDURRA GROUP, INC-ANDERSON PENNA PARTNERS	$ 39,271.60			
			Inspect/City Hall Restroom Improvements 1/24	146151	$ 8,468.75
			Inspect/HVAC & Roof/Community Center 1/24	146138	$ 16,264.00
			Inspect/LED Street Name Sign Upgrades 1/24	146140	$ 4,408.00
			Inspect/Parking Lot Resurfacing/Veteran & Cedar Glen Parks 1/24	146148	$ 3,608.85
			Inspect/Sr Center Interior Improvements 1/24	146139	$ 6,218.00
			Inspect/Various Non-CIP Engineering Permits 1/24	146137	$ 304.00
64637	110860 - AT&T	$ 824.23			
			Svc/Internet Access 1/24	21200543	$ 824.23
64638	110860 - AT&T	$ 485.45			
			Cell Svc/Maint 2/24	2/24(D)	$ 54.56
			Cell Svc/PD 2/24	2/24(B)	$ 234.76
			Svc/Planning iPads 2/24	2/24(C)	$ 66.44
			Wireless Svc/Sewer Truck & Myra Pump Station #2 2/24	2/24(A)	$ 129.69
64639	110860 - AT&T	$ 4,022.74			
			9391033694-PW Phone Svc 1/24	1/24(J)	$ 79.60
			9391033698-PW Phone Svc 1/24	1/24(K)	$ 29.71
			Phone Svc/Multi-Line 1/13-2/12	1/13/24-2/12/24	$ 3,913.43
64640	109327 - BEE REMOVERS - HONEYCOTT, INC	$ 140.00			
			Svc/Bee Removal 2/14	602044	$ 140.00
64641	111259 - BON AIR, INC	$ 182,067.50			
			Construct/HVAC & Roof/Comm Center 12/15-2/12	2-1/24	$ 182,067.50

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Payment Register
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EFT/ Warrant Number	Vendor	Payment Amount	Description	Invoice	Invoice Amount
64642	2205 - BP FORD OF LONG BEACH	$ 2,035.26			
			Replace/Catalytic Converter/Unit #615	FOCB711532	$ 983.84
			Replace/Coolant Hose/Unit #605	210969FOW	$ 60.64
			Replace/Steer Column Housing/Unit #626	FOCB711547	$ 990.78
64643	1600 - BRIGHTVIEW LANDSCAPE SERVICES, INC	$ 38,961.90			
			Svc/Landscape/Berm 1/24	8749179	$ 3,080.00
			Svc/Landscape/Berm 12/23	8705611	$ 3,080.00
			Svc/Landscape/Park & Rec Facilities 2/24	8769197	$ 32,801.90
64644	103197 - CALIFORNIA PARK & REC SOCIETY - CPRS	$ 20.00			
			Reg/Recreation Leader Training Consortium/CK & HH & VB & TW 2/3	019	$ 20.00
64645	2118 - CASC ENGINEERING AND CONSULTING, INC	$ 14,832.50			
			Consult/Modernization & Integration/Business Park Plans 1/24	0050649	$ 14,832.50
64646	123012 - CHARLES ABBOTT ASSOCIATES	$ 5,985.00			
			Svc/Fats, Oil & Grease/NPDES Inspection 1/24	67019	$ 5,985.00
64647	2090 - CHARTER COMMUNICATIONS HOLDINGS LLC SPECTRUM	$ 2,886.57			
			Svc/Internet Access 2/15-3/14	2117021724	$ 1,594.96
			W/C CAD/RMS Ethernet Connection 2/4-3/3	0026082020524	$ 1,291.61
64648	109273 - CITY OF TUSTIN-HUMAN RESOURCES	$ 250.00			
			Dues/OC Human Resources Consortium/HR 2024	Dues/HR 2024	$ 250.00
64649	129539 - COAST RECREATION INC	$ 1,552.13			
			Play Equipment Block Climbers(2)/Peppertree Park 2/7	15607	$ 1,552.13
64650	1439 - CORODATA MEDIA STORAGE, INC	$ 170.66			
			Offsite Data Storage 1/24	DS1307796	$ 170.66
64651	2356 - CORRAL CONSTRUCTION & DEVELOPMENT INC.	$ 60,325.00			
			Construct/City Hall Public Restroom Remodel 2/24	873422	$ 60,325.00
64652	115003 - COUNTY OF ORANGE	$ 5,932.50			
			Parking Violations 1/24	1/24	$ 5,932.50
64653	116854 - DATA TICKET INC-MSB	$ 1,410.73			
			Parking Citation Processing 1/24	161462	$ 1,410.73
64654	108921 - DEPT OF HOUSING-DIVISION OF CODES & STANDARDS	$ 4,585.00			
			Fee/Cypress Mobile Home Park 2024	2024(A)	$ 735.00
			Fee/Lincoln Center Mobile Home Park 2024	2024	$ 3,850.00
64655	100707 - DEPT OF JUSTICE ACCT OFFICE CASHIER UNIT	$ 633.00			
			Svc/Fingerprints(1)/Recreation 1/24	713302(A)	$ 32.00
			Svc/Fingerprints(2)/Recreation Contractor 1/24	713302(C)	$ 64.00
			Svc/Fingerprints(4)/City 1/24	713302	$ 128.00
			Svc/Fingerprints(6)/PD 1/24	713302(B)	$ 409.00
64656	1296 - EDCO CNG	$ 785.58			
			Natural Gas(243.97 Gls)/Sweeper(1) 1/16-1/31	02062024-6	$ 785.58
64657	129120 - EMPLOYMENT DEVELOPMENT DEPT	$ 5,253.00			
			Unemployment Insurance 10/1/23-12/31/23	10/1/23-12/31/23	$ 5,253.00

City of Cypress
Payment Register
02/10/24 - 03/08/24

EFT/ Warrant Number	Vendor	Payment Amount	Description	Invoice	Invoice Amount
64658	1488 - ENTERPRISE HOLDINGS INC	$ 1,564.48			
			PD Rental Car(1) 11/11-12/11	108005408706	$ 778.34
			PD Rental Car(1) 11/3-12/3	108005408682	$ 786.14
64659	2185 - ENVIRO SAFETY PRODUCTS, PUBLIC SAFETY CENTER	$ 443.41			
			PD Exam Gloves(4K) 2/20	INV614906	$ 443.41
64660	2054 - FAST UNDERCAR BM INDUSTRY INC	$ 208.80			
			Control Arms(2) 2/15	27FF4984	$ 208.80
64661	100594 - FIVE STAR FIRE PROTECTION INC	$ 1,842.93			
			Inspect/Fire Sprinkler System/Comm Center 12/14	70253	$ 470.81
			Inspect/Fire Sprinkler System/Maint Yard 12/14	70254	$ 357.75
			Inspect/Fire Sprinkler System/Oak Knoll Park Snack Shack 12/14	70256	$ 435.81
			Inspect/Fire Sprinkler System/Sr Center 12/14	70255	$ 578.56
64662	1115 - FRONTIER	$ 139.01			
			7148996947 - Phone Svc/Sewers 3/24	3/24	$ 60.99
			W/C Phone Svc/5624931036 3/24	3/24(A)	$ 78.02
64663	119018 - GOLDEN STATE WATER COMPANY	$ 36,454.03			
			Svc/Athletic Fields 1/24	1/24(J)	$ 8,683.80
			Svc/Civic Center 1/24	1/24(L)	$ 1,917.56
			Svc/Community Center 1/24	1/24(H)	$ 43.26
			Svc/Maint Yard Landscaping 1/24	1/24(G)	$ 476.39
			Svc/Parks Landscaping 1/24	1/24(M)	$ 6,269.01
			Svc/Parks Landscaping 2/24	2/24(A)	$ 683.56
			Svc/Parkway Maint 1/24	1/24(N)	$ 9,436.49
			Svc/Parkway Maint 12/23	12/23(O)	$ 571.75
			Svc/Parkway Maint 2/24	2/24(B)	$ 5,916.08
			Svc/Sr Center 1/24	1/24(I)	$ 645.30
			Svc/Sr Center 12/23	12/23(N)	$ 95.68
			Svc/Stanton Channel Berm 1/24	1/24(K)	$ 1,236.94
			Svc/Storm Drain 2/24	2/24	$ 478.21
64664	1937 - GOVERNMENT TRAINING AGENCY	$ 517.00			
			PD Reg/Records Supervisor Course/NB 2/26-3/1	PD Reg 2/26-3/1	$ 517.00
64665	123002 - GRAINGER	$ 441.56			
			Absorbent(1.5K) 2/15	9019194852	$ 441.56
64666	110815 - GRIFFIN STRUCTURES INC	$ 37,877.56			
			Construct Mgmt/Arnold Cypress Park Rehab 1/24	GSICACCPR448-02	$ 37,877.56
64667	128739 - HOME DEPOT CREDIT SVC-MAINT	$ 3,118.79			
			Supplies/Maint 1/24	3/1/24	$ 3,118.79
64668	117233 - HOME DEPOT CREDIT SVC-REC #0720	$ 77.97			
			Supplies/Facility Operations/Comm Center 1/31	6510338	$ 77.97

City of Cypress
Payment Register
02/10/24 - 03/08/24

EFT/ Warrant Number	Vendor	Payment Amount	Description	Invoice	Invoice Amount
64669	120061 - HOSE MAN, THE	$ 71.70			
			Hydraulic Hose(1)/Fitting(1) 2/12	00056652	$ 71.70
64670	103024 - JHM & CARSON SUPPLY	$ 163.26			
			Irrigation Valve(1)/PVC Cement(1 Pint)/Misc 2/12	93467/3	$ 163.26
64671	2039 - KELLY SPICERS INC KELLY SPICER STORES	$ 625.03			
			Specialty Paper(8 Rms) 2/26	11550057	$ 625.03
64672	933 - LSA ASSOCIATES, INC	$ 31,012.10			
			Consult/Housing Element/Enviro Impact Report 1/24	192300	$ 21,997.50
			Consult/Mitigated Negative Declaration/5665 Plaza Dr 1/24	192297	$ 5,666.00
			Consult/Mitigated Negative Declaration/Business Park 1/24	192295	$ 3,348.60
64673	109220 - MANHATTAN STITCHING CO, INC - BRENDAN SCREEN PRII	$ 206.88			
			Polo Shirts(8)/Recreation Staff 1/17	98909	$ 206.88
64674	111271 - MAR-CO EQUIPMENT CO	$ 569.35			
			Dual Swivel Skimmer(1)/Filter(1)/Filter Elements(2) 1/22	198775	$ 569.35
64675	122345 - MUSCO SPORTS LIGHTING LLC	$ 475.00			
			Svc/Remote Light Controller/Oak Knoll Park 2024	418470R	$ 475.00
64676	129724 - NAPA AUTO PARTS - SO CAL AUTO & TRUCK PARTS INC	$ 1,480.66			
			Brake Rotors(6)/Brake Pads(2)/Carb Cleaner(12 Cans)/Misc 1/22	451746	$ 876.96
			Couplings(4)/Hose Fittings(8)/Misc 2/15	453656	$ 351.72
			Wipers(6)/Fuel Filters(2)/Misc 2/14	453543	$ 251.98
64677	122610 - OC CHIEFS OF POLICE AND SHERIFF ASSOC	$ 200.00			
			PD Reg/2024 Chiefs & Sheriffs Assoc Workshop/ML 4/9-4/12	PD Reg 4/9-4/12	$ 200.00
64678	492 - PAUL'S CAR WASH & LUBE CENTER-FIRESTONE HAND WASH	$ 374.67			
			Svc/Car Wash/PD(32)/PW(1) 1/24	2166	$ 374.67
64679	100870 - POSTMASTER -CYPRESS POST OFFICE	$ 3,500.00			
			Postage/City & Recreation Newsletter 4/24	3/1/24	$ 3,500.00
64680	119016 - SO CAL EDISON	$ 6,480.29			
			700003851853 Svc/Parkways 1/24	1/24(E)	$ 554.54
			700564248438 Svc/Traffic Signals 1/24	1/24(F)	$ 3,231.99
			700710877173 - Svc/Lexington Park 2/24	2/24	$ 2,693.76
64681	119017 - SO CAL GAS CO	$ 96.84			
			08131074000 Svc/Storm Drain 2/24	2/24	$ 20.21
			14011061398 Svc/Storm Drain 2/24	2/24(B)	$ 35.61
			16111070716 Svc/Storm Drain 2/24	2/24(A)	$ 41.02
64682	1279 - SOUTHERN CALIFORNIA SHREDDING, INC	$ 65.00			
			PD Svc/Shredding 2/12	247481	$ 65.00
64683	125888 - SPARKLETTS	$ 135.66			
			Comm Center Bottled Water 1/24	4104724 1/24	$ 3.99
			PD Bottled Water 1/24	4104648 1/24	$ 115.71
			Sr Center Bottled Water 1/24	4104716 1/24	$ 15.96
64684	122963 - STERICYCLE INC	$ 45.50			
			PD Med Waste Removal 2/24	8005992656	$ 45.50

City of Cypress
Payment Register
02/10/24 - 03/08/24

EFT/ Warrant Number	Vendor	Payment Amount	Description	Invoice	Invoice Amount
64685	1137 - TAOIPU, PATRICK	$ -			
			Instruct/Basic Hula 1/16-3/19	3/19/2024	$ -
			Instruct/Intermediate Hula 1/16-3/19	3/19/24(A)	$ -
64686	588 - THE COUNSELING TEAM INTERNATIONAL	$ 2,325.00			
			PD Svc/Employee Counseling 1/24	89653	$ 1,000.00
			PD Svc/Employee Counseling 2/24	90308	$ 1,000.00
			W/C Svc/Psych Eval(1) 1/25	90520	$ 325.00
64687	1242 - UNIFORM DEPOT, INC-MR UNIFORM	$ 3,037.10			
			PD Safety Gear/Aide CSorenson	7810-1 Revised	$ 566.66
			PD Uniform/Aide ABecerra	7811	$ 987.96
			PD Uniform/Aide ABecerra	7814	$ 96.36
			PD Uniform/Aide Brosete	7807	$ 37.23
			PD Uniform/Aide Brosete	7813	$ 55.85
			PD Uniform/Aide CSorenson	7810-2 Revised	$ 601.81
			PD Uniform/Trainee JPerez	7809	$ 201.32
			PD Uniform/Volunteer RVoet	7808	$ 217.58
			PD Uniform/Volunteer TSibley	7812	$ 272.33
64688	129595 - VERIZON WIRELESS - CA	$ 61.59			
			Cell Svc/Rec 2/24	2/24	$ 61.59
64689	1974 - YUNEX LLC	$ 9,146.25			
			Repair/Traffic Signals 1/24	5610001366	$ 4,117.25
			Traffic Signal Maint 1/24	90001442	$ 5,029.00
64690	0 - AMERICAN DREAM PROPERTY, LLC	$ 2,593.75			
			Refund/Review for LTP Modern Machine Warehouse/SRP23-01	Rfd 3/1/24	$ 2,593.75
64691	0 - CORONA, FRANKY	$ 49.00			
			Refund/Rental Fee/Contract #8449	Rfd 3/1/24	$ 49.00
64692	61 - FRANCHISE TAX BOARD	$ 526.51			
			Tax Withholding 3/1/24	3/1/24	$ 526.51
64693	1137 - TAOIPU, PATRICK	$ 1,579.49			
			Instruct/Basic Hula 1/16-3/19	3/19/24Reissue	$ 131.62
			Instruct/Intermediate Hula 1/16-3/19	3/19(A)Reissue	$ 1,447.87
64694	130114 - USPS -HASLER	$ -			
			Postage 3/24	3/24	$ -
64695	0 - PIRRUCCELLO, ALAN	$ 1,000.00			
			Refund/Recycling Deposit/4018 Via Encinas	Rfd 7/21/23	$ 1,000.00
64696	1535 - HERNANDEZ, JENNIFER	$ 160.00			
			Reimb/CA Homicide Investigators Assoc Conference 8/15-8/18	Reimb 9/15/23	$ 160.00
64697	0 - YOON, KEVIN	$ 1,000.00			
			Refund/Recycling Deposit/CDD-23-17/5612 Vonnie Lane	Rfd 3/7/24	$ 1,000.00
62759	1494 - LOZEAU CONSULTING, TRAINING & INVESTIGATIONS	$ (100.00)			
			PD Reg/Homeless Liaison Officer/AS 7/11	PD Reg 7/11	$ (100.00)

City of Cypress
Payment Register
02/10/24 - 03/08/24

EFT/ Warrant Number	Vendor	Payment Amount	Description	Invoice	Invoice Amount
63101	0 - PIRRUCCELLO, ALAN	$ (1,000.00)			
			Refund/Recycling Deposit/4018 Via Encinas	Rfd 7/21/23	$ (1,000.00)
63507	1535 - HERNANDEZ, JENNIFER	$ (160.00)			
			Reimb/CA Homicide Investigators Assoc Conference 8/15-8/18	Reimb 9/15/23	$ (160.00)
64424	0 - CHO, JEONG Y	$ (1,000.00)			
			Refund/Recycling Deposit/CDD-23-17/5612 Vonnie Lane	Rfd 1/19/24	$ (1,000.00)
Total EFTs		$ 569,507.91			$ 569,507.91
Total Warrants		2,440,688.37			2,440,688.37
Transfer to Payroll (W1523)		750,824.90	Payroll 02/02/24-02/16/24		750,824.90
Transfer to Payroll (W1524)		807,343.15	Payroll 02/16/24-03/01/24		807,343.15
Grand Totals		$ 4,568,364.33			$ 4,568,364.33

CITY OF CYPRESS

CITY COUNCIL REPORT

City Council Regular **14.**

FROM: Alisha Farnell, City Clerk

DATE: 03/25/2024

SUBJECT: **Approve a Service Agreement for Electronic Filing of Campaign Disclosure Statements, Statements of Economic Interest (Form 700), and Ethics Training Module**

RECOMMENDATION

Approve an agreement with NetFile, Inc. in an amount not to exceed $7,000 annually for electronic filing systems for campaign disclosure statements, statements of economic interest (Form 700), and an ethics training module.

DISCUSSION

In accordance with the provisions of the Government Code, the City of Cypress Charter, the Municipal Code, and the Conflict of Interest Code, the City Clerk is the filing officer for required campaign disclosure statements for city campaign committees and candidates, as well as statements of economic interest (Form 700) filed by Council Members, Commissioners, and designated employees and consultants. Per the Government Code, the filing officer is responsible for accepting, reviewing and providing public access to filed statements. Additionally, recent changes in state law require the filing officer to make all campaign disclosure statements available on the internet within 72 hours of each filing deadline.

Currently, the City Clerk's office receives all required statements and reports in paper form. Once filed, the City Clerk's office manually reviews, scans, redacts and posts all documents online for public access. This manual system requires a significant amount of staff resources to implement. An electronic filing system will streamline this process and provide a user-friendly online filing portal for campaign committees, candidates, Council Members, Commissioners, and City employees and consultants.

The City Clerk's office recently requested presentations and quotes from vendors known to provide electronic filing systems for campaign disclosure statements and statements of economic interests as required by the Fair Political Practices Commission (FPPC). All electronic filing systems must be approved by the FPPC under state law. Based on the vendor presentations, the City Clerk's office recommends the City Council approve the

attached service agreement with Netfile, Inc. for electronic filing systems for campaign disclosure statements, statements of economic interest (Form 700), and an ethics training module.

NetFile, established in 1998, was the first company to e-file a campaign finance disclosure statement in California. The NetFile system was created specifically for cities and counties responsible for administering campaign disclosure statements and statements of economic interest, meets the requirements of the state, and allows for increased transparency as the data submitted in the system is more searchable and can be easily downloaded for analysis by the public. In terms of security, the NetFile system is a web-based, vendor-hosted application that utilizes industry best practices for securing data, using the same data encryption for online filings that is used by banks for online banking. NetFile stores and backs up data at three separate locations, creating the essential safety measures and redundancy that will allow for recovery of information in the event of an emergency or disaster. The City's data will be retained in compliance with state and local regulations.

One component unique to the NetFile system is the ethics training module. Currently, the City utilizes a free ethics training module offered by the FPPC. However, state funding for the FPPC's training module was set to expire in 2024 and the future of the module is unknown. Approving the service agreement with NetFile will ensure the City can continue providing ethics training to its Council Members, Commissioners, and designated employees as required under state law.

BUDGET IMPACT

The annual fee for services under Netfile's service agreement is $7,000 for the duration of the agreement. Sufficient amounts are available in the General Fund budget for the remainder of the fiscal year and future budgets will incorporate the annual service fees.

LEGAL REVIEW

The agreement has been reviewed by the City Attorney's office.

APPROVED BY: Peter Grant, City Manager

Attachments

Service Agreement

2707-A Aurora Ct
Mariposa, CA 95338
Phone (209) 742-4100

SERVICE AGREEMENT

USER INFORMATION

USER NAME			USER NAME – BILL TO		
City of Cypress			SAME		
ADDRESS			ADDRESS		
5275 Orange Ave					
CITY	STATE	ZIP	CITY	STATE	ZIP
Cypress	CA	90630			
PRIMARY CONTACT		PHONE #	AP CONTACT		PO #
Alisha Farnell		(714) 229-6714			
EMAIL		FAX	AP EMAIL		AP PHONE #
afarnell@cypressca.org					

SYSTEM INFO & FEATURES

System	Cost per System
Form 700 E-Filing & Admin System (55 filers)	
Campaign E-Filing & Admin System	
Ethics Training Add-on (55 filers)	
Total for all Systems:	$7,000/year ongoing
Features of NetFile Systems	
-Hosted platform provided by NetFile	- Kiosk mode to view unredacted filings in User's office
-24/7/365 access for filers and public to use	- Unlimited support and training to User
-Admin application to manage filers and filings	- E-mail based support to filers
-Filer application for filers to create and file filings	- Includes Ethics & Sexual Harassment Training Tracking
-Public viewing portal	- NetFile pays for initial FPPC Paperless application fee.

AUTHORIZATION

USER AGREES TO PAY NETFILE FOR SERVICES IDENTIFIED IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF THIS AGREEMENT. AGREEMENT TERM IS STARTING ON THE DATE IDENTIFIED ABOVE. YOU ACKNOWLEDGE RECEIPT AND AGREE TO THE TERMS AND CONDITIONS OF THIS AGREEMENT AND ACKNOWLEDGE THAT THE AGREEMENT IS NOT BINDING ON NETFILE UNTIL SIGNED BY BOTH PARTIES.

COMPANY	NetFile, Inc.
AUTHORIZED SIGNATURE	AUTHORIZED SIGNATURE Tom Diebert
PRINT NAME	PRINT NAME Tom Diebert
TITLE	TITLE Vice President & COO
DATE	DATE 12/1/2023

Service Agreement Terms and Conditions

1. This Agreement provides to User a hosted electronic filing and administration system developed and maintained by NetFile. The system permits filers authorized by User to electronically file their respective FPPC forms. The FPPC forms that are electronically filed are dependent upon which system(s) that User agrees to pay for. If the User agrees to pay for the Form 700 E-Filing and Administration System, their filers will be able to create and electronically file FPPC Form 700 statements. If the User agrees to pay for the Campaign E-Filing and Administration System, their filers will be able to create and electronically file their Campaign Statements. Both systems are covered by NetFile's unlimited support and training policy. All NetFile systems come with a public viewing portal that automatically displays filings online in redacted form. The Form 700 E-filing system meets the requirements of AB 2062 for paperless filing in CA. The Campaign E-Filing system meets the requirements of AB2452 for paperless filing in CA. Both systems allow for paper filed documents to be stored as an unredacted document and uploaded (when redacted by User) to view on the public portal. NetFile pays for User's FPPC application fees.

2. It is the responsibility of NetFile to securely store User data and maintain backups using industry best practices. All data created by User or User's filers is the property of the User. All applications and their source code are the property of NetFile. It is the responsibility of NetFile to provide secure and safe system access for both User and the User's filers using industry best practices. NetFile's systems are guaranteed to have 99% uptime. Any planned maintenance of NetFile systems will be communicated at least a week in advance of the maintenance occurring.

3. NetFile warrants and represents that it is the owner of or has acquired the rights to use (including derivative rights) the software, technology or otherwise that is required to provide all related materials and services set forth in this Service Agreement, without violating any rights of any third party, and there is currently no actual or threatened suit by any such third party based on an alleged violation of such third-party rights by NetFile.

4. NetFile further warrants that (i) the NetFile servers will be free of any Harmful Code (as defined below), and (ii) NetFile will not interfere with or disrupt User or the User's filers use of the System. The term "Harmful Code" means any software code with the ability to damage, interfere with, or adversely affect computer programs, data files, or hardware without the consent or intent of the computer user. This definition includes, but is not limited to, self-replacing and self-propagating programming instructions commonly called "viruses," "Trojan horses" and "worms." NetFile agrees to implement reasonable procedures adequate to prevent any software, link or code provided to User hereunder from being contaminated with Harmful Code. If NetFile learns of or suspects the existence of any Harmful Code, NetFile will immediately notify User and make every effort to remove the Harmful Code.

5. NetFile shall not discriminate on the basis of race, gender, religion, national origin, ethnicity, sexual orientation, age or disability in the solicitation, selection, hiring, or treatment of subcontractors, vendors or suppliers. NetFile shall provide equal opportunity for subcontractors to participate in subcontracting opportunities. NetFile understands and agrees that violation of this clause shall be considered a material breach of the Service Agreement and may result in Service Agreement termination.

6. Subject to the limitations set forth in Section 7 below, NetFile agrees to indemnify, protect, defend, and hold harmless the User, and its employees and filers from and against any claim, injury, liability, loss, cost, and/or expense or damage, including all costs and reasonable attorney's fees in providing a defense to any claim, arising from NetFile's negligent, reckless or wrongful acts, errors, or omissions with respect to or in any way connected with the performance of the Services by NetFile, its agents, subcontractors and/or assigns under this Service Agreement.

7. The maximum liability to the User by NetFile and its licensors, if any, under this Service Agreement, or arising out of any claim by the User related to NetFile's services, products, equipment or software for direct damages, whether in contract, tort or otherwise, shall be limited to the total amount of fees received during the last 12 months by NetFile from the User hereunder up to the time the cause of action giving rise to such liability occurred. In no event shall NetFile or its licensors be liable to the User for any indirect, incidental, consequential, or special damages related to the use of NetFile's services, products, equipment or software or NetFile's failure to perform its obligations under this agreement, even if advised of the possibility of such damages, regardless of whether NetFile or its licensors are negligent. Provided, however, that for any peril or exposure insured against under the insurance required, the limits of liability to the User by NetFile shall not be less than the amount of applicable, valid, and collectible insurance set forth in this Agreement.

8. During the term of this Service Agreement, NetFile shall purchase and maintain in full force and effect, at no cost to User insurance policies with respect to employees assigned to the performance of services under this Service Agreement with coverage amounts as follows: Commercial General Liability Insurance of $2,000,000 each occurrence, $4,000,000 general aggregate, $1,000,000 personal injury; Workers' Compensation Insurance of ($1,000,000) policy limit Illness/Injury by disease, and ($1,000,000) for each Accident/Bodily Injury.

9. NetFile and its employees, agents and representatives will not, without the prior written consent of User in each instance, use in advertising, publicity or otherwise the name of User or any affiliate of User, or any officer or employee of User, nor any trade name, trademark, trade device, service mark, symbol or any abbreviation, agreement or simulation thereof owned by User or its affiliates, nor represent, directly or indirectly, that any product or service provided by NetFile has been approved or endorsed by User, nor refer to the existence of this Service Agreement in press releases, advertising or materials distributed to prospective customers. Notwithstanding the foregoing, NetFile may acknowledge, when asked, that the User is a NetFile client.

10. Either User or NetFile may terminate this Service Agreement without cause by giving the other Party written notice ("Notice of Termination") which clearly expresses that Party's intent to terminate the Agreement. Notice of Termination shall become effective no less than thirty (30) calendar days after a Party receives such notice. After either Party terminates the Agreement, NetFile shall discontinue further services as of the effective date of termination, and User shall pay NetFile for all Services satisfactorily performed up to such date. Upon termination, NetFile will provide a copy of all data created by User within 10 working days of effective termination date.

11. User accepts any and all liability resulting from the placement of documents scanned by the User that are made available on the Internet for public viewing through the services of NetFile. In no event does NetFile accept liability created by any document scanned into the system by the User.

12. Except as otherwise indicated herein, this Agreement will commence on the start date and remain in effect throughout the Term as stated on the signature page. Upon expiration, this Agreement will automatically renew on a quarterly or annual basis unless User provides NetFile with written notice of its intent to cancel. Any extension will be billed in the same manner as set forth herein.

13. This Agreement shall be governed in accordance with the laws of the State of California, and the Parties submit to the jurisdiction of said state. This Agreement contains the entire agreement and understanding of the parties with respect to Service, Maintenance and Support. There are no representations, inducements, promises or agreements, oral or otherwise, not embodied herein or also embodied in any attached agreement. Any and all prior discussions, negotiations, commitments and understandings relating to Service, Maintenance or Support are merged herein.

CITY OF CYPRESS

CITY COUNCIL REPORT

City Council Regular **15.**

FROM: Alicia Velasco, Planning Director

DATE: 03/25/2024

SUBJECT: **Approve a Purchase and Sale Agreement for City-Owned Property at 5732 Lincoln Avenue**

RECOMMENDATION

1. Adopt a Resolution approving a Purchase and Sale Agreement for City-owned property at 5732 Lincoln Avenue to Olson Urban Housing, LLC; and

2. Authorize the City Manager to sign and finalize documents associated with the sale; and

3. Find the project exempt from California Environmental Quality Act requirements.

DISCUSSION

Background

In 2003, the Cypress Redevelopment Agency purchased property at 5732 Lincoln Avenue with the intent of contributing it as part of a larger, future affordable housing development. Before the RDA could advance an affordable housing development with 5732 Lincoln Avenue, the State dissolved redevelopment agencies and transferred affordable housing responsibilities to housing successor agencies. The City serves as Cypress' Housing Successor Agency and became responsible for 5732 Lincoln Avenue in 2013. As part of redevelopment agency dissolution, the State required property owned by housing successor agencies be disposed of by October 14, 2023. Since 2013, the City's repeated efforts to facilitate a larger affordable housing development with 5732 Lincoln Avenue and properties adjacent to it have been unsuccessful.

On June 12, 2023, the City Council initiated the first phase of the disposition process by declaring 5732 Lincoln Avenue surplus and authorized the release of a Notice of Availability (NOA). The NOA was sent to over 100 State-recognized housing sponsors. The NOA closed in August 2023, with three interested parties responding: The Olson Companies, Affordable Housing Partners, and The Laing Companies. Affordable Housing Partners withdrew its interest and The Laing Companies did not respond to the City's request for further information.

The City Council's Strategic Plan includes an objective to recommend the second phase of the sale of the property to the City Council.

Discussion

A draft development plan prepared by The Olson Companies was presented to the City Council on November 13, 2023. Olson's plan proposes 20 residential units, including five units affordable to low-income households. The proposal includes 8,000 square feet of open space, 48 parking spaces, and complies with the Lincoln Avenue Specific Plan. Full project plans will be prepared if the Purchase and Sale Agreement (PSA) is approved and presented to the City Council as a standard residential development application.

The PSA contains the following terms:

- Approval of the PSA initiates the escrow process which concludes if the City Council approves Olson's residential development application.
- The property was appraised for $1,629,000. Olson will buy the property from the City for this price and pay all escrow fees.
- The $1,629,000 will be retained by Olson to subsidize the affordable units, with each unit receiving $325,000 as a second loan from the City.
- Covenants will be recorded against the affordable units, ensuring their adherence to low-income affordability for 55 years. If a unit is sold during this period, the note will transfer to the new property owner until the 55-year restriction expires.

The attached PSA binds Olson and the City to these terms and a Schedule of Performance. If Olson fails to develop the project pursuant to the schedule, control of the property returns to the City.

The Olson Company has been in business for over 35 years and is located in Seal Beach. It has developed more than 10 similar affordable housing projects in Southern California. Project cost is estimated at $25 million, and Olson has secured funding.

The Surplus Land Act requires that 25% of the units in a project with more than 10 units must be affordable. The project was submitted to the State for review and has been approved.

BUDGET IMPACT

At the close of escrow, the PSA provides that title to the land will transfer to Olson Urban Housing LLC and the $1,629,000 of proceeds from the sale will be retained by Olson to subsidize the affordable units by issuing secondary loans from the City.

The $500 per month the City currently receives to rent the vacant land to a local farming operation will cease when escrow closes and title is transferred to the new owner.

LEGAL REVIEW

The Purchase and Sale Agreement was prepared by the City Attorney's office.

APPROVED BY: Peter Grant, City Manager

Attachments

Resolution
Purchase and Sale Agreement
Master Affordable Housing Agreement

RESOLUTION NO.

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF CYPRESS APPROVING A SALE AGREEMENT AND ESCROW INSTRUCTIONS WITH OLSON URBAN HOUSING, LLC FOR THE SALE OF CITY OWNED PROPERTY AT 5732 LINCOLN AVENUE TO IMPLEMENT AN AFFORDABLE HOUSING PROJECT AND FINDING THE PROJECT EXEMPT FROM THE CALIFORNIA ENVIROMENTAL QUALITY ACT

WHEREAS, the City of Cypress ("City") owns real property located at 5732 Lincoln Avenue, in the City of Cypress, County of Orange, State of California, Assessor's Parcel Number 244-472-09 ("Property"); and

WHEREAS, Olson Urban Housing ('Developer") intends to construct a townhouse-style condominium project, which will consist of twenty (20) three-story units, fifteen of which will be market-rate units and five (5) units of which will be affordable to Low-Income families with appropriate amenities including, but not limited to landscaped common areas, parking and recreational areas; and

WHEREAS, in 2003, the former Cypress Redevelopment Agency ("Agency"), in accordance with California law, acquired the Property for affordable housing purposes using Low and Moderate Income Housing Funds ("Housing Funds"); and

WHEREAS, in 2011, the California Legislature enacted, and the California Supreme Court, upheld legislation requiring that all redevelopment agencies in the State of California be dissolved as of February 1, 2012, after which the City elected to serve as the housing successor to the dissolved Agency and, on October 14, 2013, the City Council approved the transfer of title to the Property from the Agency to the City; and

WHEREAS, pursuant to SB 341 adopted in 2013, the City was required to develop the Property for affordable housing purposes within five years from acquiring it from the Agency, or by October 14, 2018, which timeline, in accordance with SB 341, and Health & Safety Code section 33334.16, was extended by the City Council for another five years to October 14, 2023; and

WHEREAS, on June 12, 2023 the City Council passed a resolution declaring the property surplus and authorized the release of a Notice of Availability; and

WHEREAS, a Notice of Availability was sent on June 14, 2023, to State listed housing sponsors. During the required 60-day period, three affordable housing entities expressed interest in the property; however, only the Developer provided required information requested by the City during the negotiation period; and

WHEREAS, the transfer of the Property by the City to Developer is made in compliance with the Surplus Land Act at California Government Code Sections 54220 et. seq. and the applicable regulations, which applies to the disposition of surplus real

estate by governmental agencies. Pursuant to Government Code Section 54222.5, the proposed Sale Agreement and Escrow Instructions between the City and Developer ("Agreement") requires Developer to restrict the sale of not less than 25 percent of the total number of units developed on the Site for Qualified Purchasers at an affordable housing cost, as defined in Health and Safety Code Section 50052.5; and

WHEREAS, the Agreement contains all the provisions, terms and obligations required by State and local law, and the Developer represents that it possesses the qualifications and financial resources necessary to construct the Project at the sole cost and expense of the Developer; and

WHEREAS, Developer will submit the necessary entitlement applications for the City's consideration to allow the design and construction of a for-sale residential project upon the Site, as set forth in the Agreement; and

WHEREAS, pursuant to the terms and conditions of the Agreement, the Developer will construct the improvements on the Property at the sole cost and expense of the Developer; and

WHEREAS, the Property has a land use and zoning designation of "commercial mixed-use" which is consistent with the proposed project. Pursuant to the Class 32 "in-fill" categorical exemption (CEQA Guideline Section 15332), this Project is exempt from environmental review, because the project is defined as an in-fill development project, located on no more than five acres, has no native vegetation or watercourses present on site, can be adequately served by all required utilities and public services, and the existing street network has adequate capacity to accommodate the anticipated traffic from the proposed Project.

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF CYPRESS, CALIFORNIA, DOES HEREBY RESOLVE AS FOLLOWS:

SECTION 1. Recitals. The recitals set forth above are true and correct and incorporated herein by this reference.

SECTION 2. The City Council hereby approves the Agreement in substantially the form as presented to the City Council, effectuating the City's disposition of the Property to the Developer and the development of the Project by the Developer.

SECTION 3. The City Council hereby authorizes and directs the City Manager of the City, or designee, (i) to take all actions and to execute any and all documents, instruments and agreements necessary or desirable on behalf of the City, as approved by the City Manager of the City and the City Attorney, including, without limitation, the Agreement, the grant deed transferring the Property to the Developer, and the agreement containing covenants and other covenants to be imposed on the Property in order to effectuate the terms and conditions of the Agreement; (ii) to effectuate all other actions approved by this Resolution, including, without limitation,

approving changes, implementations or revisions to documents, instruments and agreements as determined necessary by the City Manager, or designee; and (iii) to administer the City's obligations, responsibilities, and duties to be performed pursuant to this Resolution and all documents, instruments and agreements required by and for the sale and transfer of the Property to the Developer.

SECTION 4. Pursuant to the Class 32 "in-fill" categorical exemption (CEQA Guideline Section 15332), this Project is exempt from environmental review, because the project is defined as an in-fill development project, located on no more than five acres, has no native vegetation or watercourses present on site, can be adequately served by all required utilities and public services, and the existing street network has adequate capacity to accommodate the anticipated traffic from the proposed Project.

SECTION 5. If any provision of this Resolution or the application of any such provision to any person or circumstance is held invalid, then such invalidity shall not affect other provisions or applications of this Resolution that can be given effect without the invalid provision or application, and to this end the provisions of this Resolution are severable. The City Council declares that it would have adopted this Resolution irrespective of the invalidity of any particular portion of this Resolution.

SECTION 6. The City Clerk shall certify to the passage and adoption of this Resolution and enter it into the book of original Resolutions.

PASSED, APPROVED AND ADOPTED by the City Council of the City of Cypress at a regular meeting held on the 25th day of March, 2024.

_____
MAYOR OF THE CITY OF CYPRESS

ATTEST:

_____
CITY CLERK OF THE CITY OF CYPRESS

STATE OF CALIFORNIA)
COUNTY OF ORANGE) SS

I, Alisha Farnell, City Clerk of the City of Cypress, DO HEREBY CERTIFY that the foregoing Resolution was duly adopted at a regular meeting of the said City Council held on the 25th day of March, 2024; by the following roll call vote:

AYES: COUNCIL MEMBERS:
NOES: COUNCIL MEMBERS:
ABSENT: COUNCIL MEMBERS:

_____
CITY CLERK OF THE CITY OF CYPRESS

SALE AGREEMENT AND ESCROW INSTRUCTIONS

This SALE AGREEMENT AND ESCROW INSTRUCTIONS ("Agreement") is dated for identification purposes _____, 2024, and is entered into by and between the CITY OF CYPRESS a California municipal corporation ("City"), and OLSON URBAN HOUSING, LLC, a Delaware limited liability company ("Buyer"). Buyer and Seller are at times hereinafter individually referred to as a "party" and collectively as the "parties." The parties agree as follows:

I. (§100) PURPOSE OF THE AGREEMENT

City owns that real property located at 5732 Lincoln Avenue, in the City of Cypress, County of Orange, State of California, Assessor's Parcel Number 244-472-09, and legally described on Attachment 1 attached hereto ("**Site**").

Buyer intends to construct twenty (20) townhouse-style Residential Units, as defined below, which will consist of fifteen (15) market-rate units ("Market Rate Units") and five (5) affordable to Low-Income Households, as defined below ("Affordable Units"), with appropriate amenities including, but not limited to landscaped common areas, parking and recreational areas.

As material inducement and consideration for City to enter into this Agreement is Buyer's covenant and agreement to restrict the sale of the Affordable Units to purchasers who are Low Income Households for a period of 45-years. The affordability restrictions are material consideration to City and City would not enter into this Agreement without the affordability restrictions.

This Project, as defined below, is in the best and vital interests of City and the health, safety and welfare of the residents and taxpayers in the City, and is in accord with the public purposes and provisions of applicable state and local laws. Construction of the Project will provide additional jobs as well as provide affordable housing in accordance with the purposes and goals of City. The Site is subject to a current license between City and Frutos Farms ("Licensee") allowing Licensee to operate an organic fruits and vegetable farming operation on the Site.

The transfer of the Site by City to Buyer pursuant to this Agreement is made in compliance with the Surplus Land Act at California Government Code Sections 54220 et. seq. and the applicable regulations, which applies to the disposition of surplus real estate by governmental agencies. Pursuant to Government Code Section 54222.5, this Agreement requires Buyer to restrict the sale of not less five (5) of the Residential Units for Qualified Purchasers at an Affordable Purchase Price, as defined below.

II. (§200) DEFINITIONS

The following terms as used in this Agreement shall have the meanings given unless expressly provided to the contrary:

A. (§ 201) Affiliate.

The term "**Affiliate**" shall mean any person or entity directly or indirectly, through one or more intermediaries, controlling, controlled by, or under common control with Buyer, which shall include, without limitation, each of the constituent members of Buyer. For this provision, "**control**" means (i) with respect to a person that is a corporation, the right to exercise, directly or indirectly, at least fifty percent (50%) of the voting rights attributable to the shares of the controlled corporation, and (ii) with respect to a person that is not a corporation, the possession, directly or indirectly, of the power to direct or cause the direction of the management or policies of the controlled person.

B. (§ 202) Affordable Purchase Price.

The term "**Affordable Purchase Price**" shall mean the maximum authorized purchase price that may be paid by a Low Income Household, as such term is defined herein.

C. (§ 203) Affordable Units.

The term "**Affordable Units**" shall mean five (5) of the Residential Units and restricted by this Agreement and the Regulatory Agreement for sale to Qualified Purchasers at an Affordable Purchase Price.

D. (§ 204) Agreement.

The term "**Agreement**" shall mean this entire Agreement, including all exhibits, which attachments are a part hereof and incorporated herein in their entirety, and all other documents incorporated herein by reference. The Attachments included with this Agreement include the following:

Attachment No. 1	Legal Description of Site
Attachment No. 1-A	Site Map
Attachment No. 3	Schedule of Performance
Attachment No. 4	Grant Deed
Attachment No. 5	Note
Attachment No. 6	Deed of Trust
Attachment No. 7	Regulatory Agreement

E. (§ 205) Intentionally Omitted.

F. (§ 206) City.

The term "**City**" shall mean City of Cypress, California.

G. (§ 207) Closing and Closing Date.

The term **"Closing**" shall mean the closing of Escrow by the Escrow Agent distributing the funds and documents received through Escrow to the party entitled thereto as provided herein, which closing shall occur on or before the date established in the Schedule of Performance. The **Closing Date** shall be the date for the Closing specified in the Schedule of Performance.

H. (§ 208) Days.

The term "**days**" shall mean calendar days and the statement of any time period herein shall be calendar days, and not working days, unless otherwise specified.

I. (§ 209) Deed of Trust.

The term "Deed of Trust" shall mean the Deed of Trust with Assignment of Rents, Security Agreement and Fixture Filing which secures the Note, in the attached hereto as Attachment No. 6. The Deed of Trust shall be recorded on the Site at the Closing.

J. (§ 210) Deposit.

The term **"Deposit"** shall mean the sum of Five Thousand Dollars ($5,000) to be deposited by Buyer with Escrow Agent.

K. (§ 211) Effective Date.

The term "**Effective Date**" shall mean the date this Agreement is executed on behalf of City and Buyer after it has been approved by the City Council after a public hearing.

L. (§ 212) Enforced Delay.

The term "**Enforced Delay**" shall mean any delay described in Section 903 caused without fault and beyond the reasonable control of a party, which delay shall justify an extension of time to perform as provided in Section 903.

M. (§ 213) Escrow.

The term "**Escrow**" shall mean the escrow established with Escrow Agent as defined below, pursuant to this Agreement for the conveyance of title to the Site from City to Buyer.

N. (§ 214) Escrow Agent.

The term "**Escrow Agent**" shall mean First American Title Company which shall act as the Escrow Agent for this transaction. The Escrow Agent contact shall be Jeanne Gould, Escrow Officer, First American Title Company, 18500 Von Karman #600 Irvine, CA 92612 jagould@firstam.com.

O. (§ 215) Grant Deed.

The term "**Grant Deed**" shall mean that Grant Deed in the form attached hereto as Attachment No. 4 by which City as grantor will convey fee title of the Site to Buyer as grantee.

P. (§ 216) Low Income Household.

The term "**Low Income Household**" shall mean a household whose income does not exceed the maximum income for Low Income Households for Orange County adjustable for household size as annually determined by regulation of the California Department of Housing and Community Development, promulgated pursuant to Health and Safety Code Section 50093, or any successor statute.

Q. (§ 217) Note.

The term "Note" shall refer to that certain Promissory Note Secured by Deed of Trust in the principal amount equal to the Purchase Price evidencing Developer's obligation to pay the full amount of the Purchase Price to the City. The Note shall be in the form attached hereto as Attachment No. 5 and secured by the Deed of Trust.

R. (§ 218) Project.

The term "**Project**" shall mean all of the improvements constructed by Buyer on the Site in accordance with this Agreement.

S. (§ 219) Project Completion.

The term "**Project Completion**" shall mean that all improvements to be constructed on the Site as part of the Project have been completed in accordance with this Agreement and the City has conducted all applicable inspections and issued all approvals of such work to the extent required by applicable law.

T. (§ 220) Purchase Price.

The term "**Purchase Price**" means the sum of One Million Six Hundred Twenty-Nine Thousand Dollars ($1,629,000). The Purchase Price is equal to or greater than the fair market value of the Site as determined by an appraisal prepared by Thompson & Thompson, dated February 22, 2024.

U. (§ 221) Qualified Purchaser.

The term "**Qualified Purchaser**" shall mean those persons who satisfy all of the requirements to purchase an Affordable Unit, which requirements are described in detail in the Regulatory Agreement.

V. (§ 222) Regulatory Agreement.

The term "**Regulatory Agreement(s)**" shall mean the Regulatory Agreement and Declaration of Covenants and Restrictions attached hereto as Attachment No. 7 running with the land and providing for the proper maintenance of common facilities and improvements and the management and use of the Project, which also sets forth the limitations on occupancy, residency, and use of the Affordable Units.

W. (§ 223) Residential Unit.

The term "**Residential Unit**" shall mean and refer to each of the condominium residences which will be part of the Project . "**Residential Units**" shall mean and refer collectively to each and every Residential Unit located on the Site.

X. (§ 224) Senior Financing.

The term "**Senior Financing**" and terms related to it shall refer to the following: the loan(s) taken out by Buyer from third party lenders to fund the construction of the Project ("**Construction Loan**") including any refinancing of same. Subject to the conditions set forth in Section 515 and the Regulatory Agreement shall be subordinated to the Senior Financing, as evidenced by such subordination agreements as may be required by the lender(s) for the Senior Financing. Senior Financing and subordination thereto is more particularly described in Section 515.

Y. (§ 225) Site.

The term "**Site**" shall have the meaning as defined in Section 100 consisting of approximately 47,916 square feet and as legally described on Attachment No. 1.

Z. (§ 226) Site Map.

The Project shall be located upon the Site as shown in the "Site Map" attached hereto as Attachment No. 1-A.

AA. (§ 227) Title.

The term "**Title**" shall mean the fee title to the Site which shall be conveyed to Buyer by the Grant Deed subject only to the exceptions specified in Section 407.

BB. (§ 228) Title Company.

The term "**Title Company**" shall mean First American Title Insurance Company.

III. (§300) PARTIES TO THE AGREEMENT

A. (§301) City.

1. Identification. City is a public body, corporate and politic, exercising governmental functions and powers, organized and existing under the laws of the State of California. The office of City is located at 5275 Orange Ave Cypress CA 90630. The term "**City**," as used in this Agreement, includes the City of Cypress City and any assignee of, or successor to, its rights, powers and responsibilities.

2. FIRPTA. City is not a "foreign person" within the parameters of the Foreign Investment in Real Property Tax Act ("**FIRPTA**")or any similar state statute, or is exempt from the provisions of FIRPTA or any similar state statute, or City has complied and will comply with all the requirements under FIRPTA or any similar state statute.

3. No Conflict. City's execution, delivery and performance of its obligations set forth in this Agreement will not constitute a default or a breach under any contract, agreement or order to which City is a party or by which it is bound.

4. No Litigation. To City's actual knowledge, there is no threatened or pending litigation against City challenging the validity of this Agreement or any of the actions proposed to be undertaken by City or Buyer pursuant to this Agreement. "**Actual knowledge**," as used herein, shall not impose a duty of investigation, and shall be limited to the actual knowledge of City's employees and agents who have participated in the preparation of this Agreement and Buyer's acquisition of the Site.

5. City's Participation. City's participation in the Project is solely a Seller and the governmental authority having jurisdiction over the Site. City is not participating in the Project as a Buyer or owner. Any actions by City which are not fully consistent with City's role as a seller are intended only to carry out routine government functions and impose constitutionally or statutorily authorized conditions acceptable to Buyer. As such, the Project and City's participation through this Agreement are outside the scope of California Constitution Article XXXIV and its enabling legislation. Further, the Project is exempt from the requirements of California Constitution Article XXXIV pursuant to Health and Safety Code Section 37001(d), as newly constructed, privately owned, one-to-four family dwellings not located on adjoining sites.

B. (§302) Buyer.

1. Identification. Buyer is Olson Urban Housing, LLC, a Delaware limited liability company, or its transferee as permitted in Section 303.3. The principal office of Buyer for the purposes of this Agreement is located at 3010 Old Ranch Parkway, Suite 100, Seal Beach, CA 90740. Buyer warrants and represents to City that Buyer is and will be qualified to do business, is in good standing under the laws of the State of California, and has all requisite power and authority to carry out Buyer's business as now and whenever conducted and to enter into and perform Buyer's obligations under this Agreement.

2. Successors and Assigns. Except as may be expressly provided herein below, all of the terms, covenants, and conditions of this Agreement shall be binding on, and shall inure to the benefit of, Buyer and the permitted successors, assigns and nominees of Buyer as to each portion of the Site. Wherever the term "**Buyer**" is used herein, such term shall include any permitted successors and assigns of Buyer as herein provided.

3. Qualifications. The qualifications and identity of Buyer are of particular concern to City, and it is because of such qualifications and identity that City has entered into this Agreement with Buyer. City has considered the experience, financial capability, and product being marketed by Buyer, the Site location and characteristics, the public costs of acquiring and developing the Site and return on investment, and the product mix necessary to produce a Project. Based upon these considerations, City has imposed those restrictions on transfer set forth in this Agreement.

C. (§303) Restrictions on Transfer.

1. Transfer Defined. As used in this Section, the term "**Transfer**" shall include any assignment, hypothecation or conveyance, of this Agreement, the Site, or the improvements thereon. A Transfer shall also include the transfer to any person or group of persons acting in concert of more than forty nine percent (49%) of the present ownership and/or control of Buyer in the aggregate, taking all transfers into account on a cumulative basis, except transfers of such ownership or control interest between members of the same immediate family, or transfers to a trust, testamentary or otherwise, in which the beneficiaries are limited to members of the Transferor's immediate family. In the event Buyer or its successor is a corporation or trust, such Transfer shall refer to the Transfer of the issued and outstanding capital stock of Buyer, or of beneficial interests of such trust. In the event that Buyer is a limited or general partnership, such Transfer shall refer to the Transfer of more than forty nine percent (49%) of the limited or general partnership interest. In the event that Buyer is a joint venture, such Transfer shall refer to the Transfer of more than forty-fine percent (49%) of the ownership and/or control of any such joint venture partner, taking all Transfers into account on a cumulative basis.

2. Restrictions Prior to Completion. Prior to Project Completion Buyer shall not Transfer this Agreement or any of Buyer's rights hereunder, or any interest in the Site or in the improvements thereon, directly or indirectly, voluntarily or by operation of law, except as provided below in item 3 immediately below, without the prior written approval of City, which shall not be unreasonably withheld, and if there is a Transfer the same shall be null and void. In considering whether it will grant approval to any Transfer by Buyer of its interest in the Site before Project Completion, which Transfer requires City approval, City shall consider factors such as (i) whether the completion or implementation of the Project is jeopardized; (ii) the financial strength and capability of the proposed assignee to perform Buyer's obligations hereunder; and (iii) the proposed assignee's experience and expertise in the planning, financing, development, ownership, and operation of similar projects.

In the absence of a specific written agreement by City, prior to completion of the Project Completion, no Transfer by Buyer of all or any portion of its interest in the Site or this Agreement (including without limitation an assignment or transfer not requiring City approval hereunder) shall be deemed to relieve it or any successor party from any obligations under this Agreement with respect to the completion of the development of the Project with respect to that portion of the Site which is so transferred. In addition, no attempted assignment of any of Buyer's obligations hereunder shall be effective unless and until the successor party executes and delivers to City an assumption agreement, in a form reasonably approved by City, assuming such obligations.

3. Exceptions. The foregoing prohibitions on Transfer shall not apply to any of the following, all of which shall constitute "**Permitted Transfers**" and shall not require the prior consent of City:

a. Any mortgage, deed of trust, or other form of conveyance for financing, as provided in Section 512, but Buyer shall notify City in advance of any such mortgage, deed of trust, or other form of conveyance for financing pertaining to the Site.

b. Any mortgage, deed of trust, or other form of conveyance for restructuring or refinancing of any amount of indebtedness described in subsection (a)

above, provided that the amount of indebtedness incurred in the restructuring or refinancing does not exceed the outstanding balance on the debt incurred to finance the acquisition of and improvements on the Site, including any additional costs for completion of construction, whether direct or indirect, based upon the estimates of architects and/or contractors.

c. The granting of dedications, easements or licenses to any appropriate governmental agency; utility or permits to facilitate the development and/or operation of Project and/or creation of covenants, conditions and/or restrictions to facility development of the Project.

d. A Transfer resulting from or in connection with a reorganization as contemplated by the provisions of the Internal Revenue Code of 1986, as amended or otherwise, in which the ownership interests of a corporation are assigned directly or by operation of law to a person or persons, firm or corporation which acquires the control of the voting capital stock of such corporation or all or substantially all of the assets of such corporation.

e. A Transfer of forty-nine percent (49%) or more of ownership or control interest between members of the same immediate family, or Transfers to a trust, testamentary or otherwise, in which the beneficiaries consist solely of immediate family members of the Trustor or Transfers to a corporation or partnership in which the immediate family members or shareholders of the Transferor have a controlling majority interest of fifty-one percent (51%) or more.

f. A Transfer to a California limited partnership or limited liability company in which Buyer, or an Affiliate of Buyer, is a general partner or managing member.

g. The admission of a nonprofit corporation or a limited liability company wholly owned by a nonprofit corporation as a managing general partner of Buyer, or the permitted successor thereof.

h. Sale of Residential Units in accordance with this Agreement.

4. Restrictions After Completion. Subsequent to Project Completion, except as set forth in Section 303.3 above, Buyer may not sell, Transfer, convey, hypothecate, assign or lease all or any portion of its interest in the Site without complying with any Transfer restrictions contained within the Grant Deed and the Regulatory Agreement, as applicable.

IV. (§400) ACQUISITION AND DISPOSITION OF THE SITE

A. (§401) Purchase Price of Site.

The Purchase Price of the Site shall be payable through Buyer's delivery to City of the Note and shall be secured by the Deed of Trust recorded against the Site at the Closing. Interest shall accrue on the Note at the prime rate for the United States, as published in the Wall Street Journal, in effect as of the date of the Closing. The Note shall be repaid by Buyer's payment to City of one-fifth ($1/5^{th}$) of the original principal amount of the Note, plus interest accrued thereon, concurrently with the sale of each of the Affordable Units. The City shall use the repayment proceeds to make the Qualified Purchaser Loans to the

purchasers of the Affordable Units. The Note and Deed of Trust shall be subordinate to the lien of the Senior Financing obtained by Buyer for the construction of the Project as provided in Section 515 hereof.

B. (§402) Disposition of the Site.

On the Closing Date City shall convey the Site to Buyer pursuant to the Grant Deed. Buyer shall accept the conveyance of the Site upon the terms and conditions set forth in the Grant Deed, the Regulatory Agreement, and this Agreement. Buyer agrees to develop the Site with Residential Units of which five (5) shall be Affordable Units restricted for sale to Qualified Purchasers.

C. (§403) Escrow.

Escrow shall be opened within the time specified in the Schedule of Performance. This Agreement shall constitute the joint escrow instructions of City and Buyer to Escrow Agent for the Site, and a duplicate original of this Agreement shall be delivered to the Escrow Agent upon the Opening of Escrow, as defined in the Schedule of Performance. Escrow Agent is empowered to act under these instructions. City and Buyer shall promptly prepare, execute, and deliver to the Escrow Agent such additional Escrow instructions consistent with the terms herein as shall be reasonably necessary. No provision of any additional Escrow instructions shall modify this document without specific written approval of the modifications by Buyer and City.

D. (§404) Deposit.

Upon Opening of Escrow in accordance with the Schedule of Performance, Buyer shall deliver the Deposit directly to Escrow Agent.

E. (§405) Conditions to Close of Escrow for Acquisition by Buyer.

1. Buyer's Conditions to Closing. Buyer's obligation to accept the Site and to close Escrow hereunder, shall, in addition to any other conditions set forth herein in favor of Buyer, be conditional and contingent upon the satisfaction, or waiver by Buyer, of each and all of the following conditions (collectively, "**Buyer's Conditions to Closing**") by the Closing Date or earlier to the extent provided in the Schedule of Performance:

a. Buyer shall have approved the environmental condition of the Site as set forth in Section 409. Buyer shall have received any and all approvals required under CEQA.

b. Title Company is committed to issue Buyer's Title Policy insuring Title to the Site is vested in Buyer subject only to the exceptions specified in Section 407.4(i).

c. City shall have deposited into Escrow certificates ("**FIRPTA Certificates**") in such form as may be required by the Internal Revenue service pursuant to Section 1445 of the Internal Revenue Code.

d. City shall have deposited the executed Grant Deed into Escrow.

e. Buyer shall have obtained from City all required discretionary approvals, including site plan review, conditional use, and subdivision approvals for development of the Site as the Project, including, without limitation, those set forth in Section 502 and a grading permit is ready to be issued to Buyer solely upon Buyer's posting of applicable bonds and payment of applicable fees (collectively "**Entitlements**").

f. Buyer shall complete and deliver to Escrow a preliminary change of ownership form for Orange County.

g. Buyer shall have determined that the acceptance and development of the Site is financially feasible.

h. Buyer shall have approved the physical condition of the Site and the Project.

i. City shall have deposited or caused to be deposited into Escrow all the documents required under Section 406.3.

j. Any waiver of the foregoing conditions shall be in Buyer's sole discretion and must be express and in writing. In the event that the foregoing conditions have not been satisfied by the Closing Date, Buyer may terminate this Agreement by delivering a written notice in accordance with Section 411.

2. <u>City's Conditions to Closing</u>. City's obligation to convey the Site and City's obligation to close Escrow hereunder, shall, in addition to any other conditions set forth herein in favor of City, be conditional and contingent upon the satisfaction, or waiver by City, of each and all of the following conditions (collectively, "**City's Conditions to Closing**") within the time provided in the Schedule of Performance:

a. Title Company is committed to issue City's Title Policy insuring the lien of the Deed of Trust subject to conditions and exceptions specified in Section 407.4(ii).

b. Buyer shall have timely submitted to City plans and drawings for all improvements to be constructed on the Site, including for site plan review, conditional use, building, grading, landscaping and other plans and drawings, as provided in Section 502 and all necessary plans shall have been reviewed or revised as required by Buyer and City. All approvals pursuant to CEQA shall have been approved as final.

b. Buyer shall not have made or attempted to make a Transfer in violation of Section 303.

c. Buyer shall have deposited into Escrow all documents required in the Schedule of Performance executed and acknowledged.

d. Buyer has deposited the Acceptance of Grant Deed into Escrow to be attached to the Grant Deed prior to recordation.

e. Buyer shall have deposited or caused to be deposited into Escrow all the documents required under Section 404.

Any waiver of the foregoing conditions must be express and in writing. In the event that the foregoing conditions are not satisfied prior to the Closing Date, City may terminate this Agreement by delivering a written notice in accordance with Section 411.

3. Both Parties' Conditions to Closing. In accordance with the Schedule of Performance, Buyer and City shall execute and deliver one or more certificates ("**Taxpayer ID Certificate**") in such form as may be required by the IRS pursuant to Section 6045 of the Internal Revenue Code, or the regulations issued pursuant thereto, certifying as to the description of the Site, date of closing, gross price, and taxpayer identification number for Buyer and City. In accordance with the Schedule of Performance, Buyer and City shall cause to be delivered to the Escrow Agent such other items, instruments and documents, and the parties shall take such further actions, as may be necessary or desirable in order to complete the Closing. At the Closing neither party shall be in breach of its obligations hereunder.

F. (§406) Conveyance of the Site.

1. Time for Conveyance. Escrow shall close on the "**Closing Date**" specified in the Schedule of Performance. Possession of the Site shall be delivered to Buyer by the City concurrently with the conveyance of Title to Buyer. Notwithstanding anything to the contrary in this Agreement if the Closing Date falls on a Monday it shall be extended to the next business day.

2. Escrow Agent to Advise of Costs. By the date provided in the Schedule of Performance, the Escrow Agent shall advise City and Buyer in writing of the fees, charges, and costs necessary to clear Title and close Escrow, and of any documents which have not been provided by said party and which must be deposited in Escrow to permit timely Closing.

3. Deposits by City Prior to Closing. In accordance with the Schedule of Performance, City shall execute, acknowledge and deposit into Escrow all documents and materials required of City to close Escrow.

4. Deposits by Buyer Prior to Closing. In accordance with the Schedule of Performance, Buyer shall execute, acknowledge and deposit into Escrow all documents, funds and materials required of Buyer to close Escrow.

5. Recordation and Disbursement of Funds. Upon the completion by City and Buyer of the deliveries and actions specified in these Escrow instructions precedent to Closing, the Escrow Agent shall be authorized to (i) buy, affix and cancel any documentary stamps and pay any transfer tax and recording fees, if required by law, and thereafter cause to be recorded in the appropriate records of Orange County, California, in the following order: the Grant Deed, the Regulatory Agreement, and any other appropriate instruments delivered through this Escrow, if necessary or proper to, and provided that the Title can vest in Buyer in accordance with the terms and provisions herein. Concurrent with recordation, Escrow Agent shall deliver (i) Buyer's Title Policy to Buyer insuring Title and conforming to the requirements of Section 407.4(i). Following recordation, the Escrow Agent shall deliver copies of said instruments to Buyer and City.

G. (§407) Title Matters.

1. Condition of Title. City shall convey to Buyer Title to the Site subject only to: (i) this Agreement, the Grant Deed, and the Regulatory Agreement; (ii) current taxes, a lien not yet payable; (iii) quasi-public utility, public alley and public street easements of record approved by Buyer, which approval shall not be unreasonably withheld; and (iv) covenants, conditions and restrictions, reciprocal easements, other encumbrances and Title exceptions approved by Buyer pursuant to Section 407.3. The City, at its cost, shall remove all other liens on the Site of any kind prior to the Closing.

2. City Not to Encumber Site. City hereby warrants to Buyer that it has not and will not, from the Effective Date of this Agreement through Closing, transfer, sell, hypothecate, pledge, or otherwise encumber the Site without express written permission of Buyer.

3. Approval of Title Exceptions. Prior to the date in the Schedule of Performance, City shall deliver a preliminary report for the Site, dated no earlier than the Effective Date, to Buyer including copies of all documents referenced therein ("**Title Report**"). Prior to the date in the Schedule of Performance ("**Title Approval Date**"), Buyer shall deliver to City written notice, with a copy to Escrow Agent, specifying in detail any exception disapproved and the reason therefor. If on or before the Title Approval Date Buyer fails to deliver any written notice objecting to Title, Buyer shall be deemed to have approved Title to the Site. Prior to the date in the Schedule of Performance, City shall deliver written notice to Buyer as to whether City will or will not cure (meaning removal of the disapproved exception from Title and not issuance of an endorsement related thereto) the disapproved exceptions. If City elects not to cure the disapproved exceptions, Buyer may terminate this Agreement without any liability of City to Buyer, or Buyer may withdraw its earlier disapproval. If City elects to cure the disapproved exceptions, City shall do so on or before the Closing. If, after the Title Approval Date, Buyer receives a supplement to the Title Report from the Title Company setting forth any new matter of record encumbering the Site which was not set forth on the original Title Report (or any previous supplement thereto) and of which Buyer was not otherwise aware as of the Title Approval Date ("**New Title Matter**"), Buyer may, on or prior to 5:00 p.m. P.S.T. on the third (3rd) business day following Buyer's receipt of notice of such New Title Matter ("**New Matter Approval Date**"), object to such New Title Matter by sending written notice thereof to City and Escrow Holder; provided, however, City shall remove any monetary liens which constitute New Title Matters regardless of whether Buyer timely objects to such monetary liens. Buyer's failure to object in writing to any New Title Matter on or prior to the New Matter Approval Date shall be automatically deemed to be Buyer's approval of such New Title Matter and such New Title Matter shall thereafter be deemed to be a permitted encumbrances. If Buyer delivers written objection to any New Title Matter on or prior to the New Matter Approval Date applicable thereto, and City does not deliver as of 5:00 p.m. P.S.T. on the fifth (5th) business day following the New Matter Approval Date ("**City Response Date**") written notice that City covenants and agrees to remove prior to the Closing such New Title Matter objected to by Buyer, then Buyer may terminate this Agreement by delivery of written notice thereof to City and Escrow Holder on or before 5:00 p.m. P.S.T. on the second (2nd) business day following City Response Date ("**New Matter Termination Date**"). Buyer's failure to terminate this Agreement in writing as a result of any New Title Matter on or prior to the New Matter Termination Date shall constitute Buyer's waiver of its right to terminate this Agreement as a result of such New Title Matter.

4. Title Policies

(i) **Buyer's Title Policy**. At the Closing, Title Company shall issue to Buyer an ALTA standard coverage owner's policy of Title insurance ("**Buyer's Title Policy**") with Title to the Site vested in Buyer in accordance with this Agreement with an insured amount equal to the Purchase Price containing only exceptions which have been approved, waived or caused by Buyer in accordance with this Section 407. Buyer's Title Policy shall include any available additional Title insurance, extended coverage or endorsements that Buyer requests. However the issuance of such additional Title insurance, extended coverage or endorsements shall not be a condition to Buyer's obligations under this Agreement.

(ii) **City's Title Policy**. At the Closing, the Title Company shall issue to City an ALTA loan policy of title insurance in the amount of the Note ("**City's Title Policy**") with title to the Site vested in Developer and insuring the Deed of Trust against the Site subject only to the Senior Financing and such exceptions as approved by City, together with any endorsements as reasonably required by City.

H. (§408) Intentionally Omitted.

I. (§409) Condition of Site.

1. Site Assessment and Remediation. Buyer shall be responsible for conducting assessments of the Site and for any required remediation if Buyer accepts the Site pursuant to the terms of this Agreement. City is conveying the Site in an "AS-IS" condition and shall not be responsible for any Hazardous Materials brought to or released on the Site. Buyer understands that the provisions of this Section 409 is material to City's entering into this Agreement. Within ten (10) days following the Opening of Escrow, Escrow Agent shall order a natural hazard disclosure report from Disclosure Source and deliver same to Buyer ("**NHD Report**").

2. Disclaimer of Warranties. Upon the Closing, Buyer shall accept the Site in its "AS-IS" condition and shall be responsible for any defects in the Site, whether patent or latent, including, without limitation, the physical, environmental, and geotechnical condition of the Site and the existence of any contamination, Hazardous Materials, vaults, debris, pipelines, abandoned wells or other structures located on, under or about the Site. City makes no representation or warranty concerning the physical, geotechnical or other condition of the Site, the suitability of the Site for the Project, or the present use of the Site, and specifically disclaims all representations or warranties of any nature concerning the Site made by City or City and their employees, agents and representatives. The foregoing disclaimer includes, without limitation, hazardous materials, topography, climate, air, water rights, utilities, present and future zoning, soil, subsoil, the purpose for which the Site is suited, or drainage. Moreover, City makes no representation or warranty concerning the compaction of soil upon the Site, nor of the suitability of the soil for construction.

3. Right to Enter Site; Indemnification.

In accordance with the separate Due Diligence Entry License, Buyer and City approved providing Buyer the right to enter upon the Site to conduct soils, engineering, or other tests and studies, to perform preliminary work or Site investigation or for any other

purposes to carry out the terms of this Agreement. Buyer shall provide copies of all non-proprietary investigations and reports for the Site subject to the rights and requirements of the preparers of same.

4. Hazardous Materials. Developer understands and specifically agrees that in the event Developer incurs any loss or liability concerning Hazardous Materials (as hereinafter defined) and/or oil wells and/or underground storage tanks and/or pipelines whether attributable to events occurring prior to or following the Closing, then Developer may look to current or prior owners of the Site, but under no circumstances shall Developer look to City or City for any liability or indemnification regarding Hazardous Materials and/or oil wells and/or underground storage tanks and/or pipelines. From and after the Closing Buyer, and each of the entities constituting Buyer, if any, hereby waives, releases, remises, acquits and forever discharges City and its directors, officers, employees, and agents, and their respective heirs, successors, personal representatives and assigns, of and from any and all Environmental Claims, Environmental Cleanup Liability and Environmental Compliance Costs, as those terms are defined below, and from any and all actions, suits, legal or administrative orders or proceedings, demands, actual damages, punitive damages, loss, costs, liabilities and expenses related thereto. It is the intention of the parties pursuant to this release that any and all responsibilities and obligations of City, and any and all rights, claims, rights of action, causes of action, demands or legal rights of any kind of Buyer, its successors, assigns or any affiliated entity of Buyer, against City, arising by virtue of the physical or environmental condition of the Site, the existence of any Hazardous Materials thereon, or any release or threatened release of Hazardous Material therefrom, arising solely from Hazardous Materials, whether existing prior to, at or after the Closing, are by this Release provision declared null and void and of no present or future force and effect as to the parties; provided, however, that no parties other than the Indemnified Parties (defined below) shall be deemed third party beneficiaries of such release. **In connection therewith, Buyer and each of the entities constituting Buyer, expressly agree to waive any and all rights which said party may have under Section 1542 of the California Civil Code which provides as follows:**

"A general release does not extend to claims which the creditor does not know or suspect to exist in his favor at the time of executing the release, which if known by him must have materially affected his settlement with the debtor."

BUYER'S INITIALS: __ CITY'S INITIALS: __

For purposes of this Section 409, the following terms shall have the following meanings:

a. "Environmental Claim" means any claim for personal injury, death and/or property damage made, asserted, or prosecuted by or on behalf of any third party, including, without limitation, any governmental entity, relating to the Site or its operations and arising or alleged to arise under any Environmental Law.

b. "Environmental Cleanup Liability" means any cost or expense of any nature whatsoever incurred to contain, remove, remedy, clean up, or abate any contamination or any Hazardous Materials on or under all or any part of the Site, including

the ground water thereunder, including, without limitation, (A) any direct costs or expenses for investigation, study, assessment, legal representation, cost recovery by governmental agencies, or ongoing monitoring in connection therewith and (B) any cost, expense, loss or damage incurred with respect to the Site or its operation as a result of actions or measures necessary to implement or effectuate any such containment, removal, remediation, treatment, cleanup or abatement.

c. "Environmental Compliance Cost" means any cost or expense of any nature whatsoever necessary to enable the Site to comply with all applicable Environmental Laws in effect. "Environmental Compliance Cost" shall include all costs necessary to demonstrate that the Site is capable of such compliance.

d. "Environmental Law" means any federal, state or local statute, ordinance, rule, regulation, order, consent decree, judgment or common-law doctrine, and provisions and conditions of permits, licenses and other operating authorizations relating to (A) pollution or protection of the environment, including natural resources, (B) exposure of persons, including employees, to Hazardous Materials or other products, raw materials, chemicals or other substances, (C) protection of the public health or welfare from the effects of by-products, wastes, emissions, discharges or releases of chemical sub-stances from industrial or commercial activities, or (D) regulation of the manufacture, use or introduction into commerce of chemical substances, including, without limitation, their manufacture, formulation, labeling, distribution, transportation, handling, storage and disposal.

e. "Hazardous Material" is defined to include any hazardous or toxic substance, material or waste which is or becomes regulated by any local governmental City, the State of California, or the United States Government. The term "Hazardous Material" includes, without limitation, any material or substance which is: (A) petroleum or oil or gas or any direct or derivate product or byproduct thereof; (B) defined as a "hazardous waste" or "extremely hazardous waste" under Sections 25115, 25117 or 25122.7, or listed pursuant to Section 25140, of the California Health and Safety Code, Division 20, Chapter 6.5 (Hazardous Waste Control Law); (C) defined as a "hazardous substance" under Section 25316 of the California Health and Safety Code, Division 20, Chapter 6.8 (Carpenter-Presley-Tanner Hazardous Substance Account Act); (D) defined as a "hazardous material," "hazardous substance," or "hazardous waste" under Sections 25501(n)(1)-(2)of the California Health and Safety Code, Division 20, Chapter 6.95 (Hazardous Materials Release Response Plans and Inventory); (E) defined as a "hazardous substance" under Section 25281 of the California Health and Safety Code, Division 20, Chapter 6.7 (Underground Storage of Hazardous Substances); (F) "used oil" as defined under Section 25250.1 of the California Health and Safety Code; (G) asbestos; (H) listed under Chapter 11 of Division 4.5 of Title 22 of the California Code of Regulations, or defined as hazardous or extremely hazardous pursuant to Chapter 10 of Division 4.5 of Title 22 of the California Code of Regulations; (I) defined as waste or a hazardous substance pursuant to the Porter-Cologne Act, Section 13050 of the California Water Code; (J) designated as a "toxic pollutant" pursuant to the Federal Water Pollution Control Act, 33 U.S.C. § 1317; (K) defined as a "hazardous waste" pursuant to the Federal Resource Conservation and Recovery Act, 42 U.S.C. § 6901 *et seq.* (42 U.S.C. § 6903); (L) defined as a "hazardous substance" pursuant to the Comprehensive Environmental Response, Compensation and Liability Act, 42 U.S.C. § 9601 *et seq.* (42 U.S.C. § 9601); (M) defined as "Hazardous Material" pursuant to the

Hazardous Materials Transportation Act, 49 U.S.C. § 5101 *et seq*.; or (N) defined as such or regulated by any "Superfund" or "Superlien" law, or any other federal, state or local law, statute, ordinance, code, rule, regulation, order or decree regulating, relating to, or imposing liability or standards of conduct concerning Hazardous Materials and/or oil wells and/or underground storage tanks and/or pipelines, as now, or at any time here-after, in effect.

Notwithstanding any other provision of this Agreement, Buyer's release as set forth in the provisions of this Section, as well as all provisions of this Section, shall survive the termination of this Agreement and shall continue in perpetuity, with respect to any act or omission of Buyer (its employees, persons, invitees, agents, assignees, contractors, subcontractors) related to the Site and/or the Project.

J. (§410) Costs of Escrow.

1. Allocation of Costs. Escrow Agent is directed to allocate costs as follows:

(i) Buyer shall pay the cost of the NHD Report and Buyer's Title Policy and any premiums for any additional insurance, extended coverage or special endorsements.

(ii) Buyer shall pay the cost of the City's Title Policy.

(iii) City shall pay any documentary transfer taxes.

(iv) Buyer shall pay any recording fees in connection with the recordation of the Grant Deed. No recording fees shall be applicable to the Regulatory Agreement.

(v) Buyer shall pay all Escrow and similar fees, except that if one party defaults under this Agreement, the defaulting party shall pay all Escrow fees and charges as well as any title cancellation fees.

2. Proration and Adjustments. City is exempt from real property taxes so no proration shall be done at Closing. As of Closing, Buyer shall be responsible for any and all real estate taxes.

3. Extraordinary Services of Escrow Agent. It is understood that Escrow fees and charges contemplated by this Agreement incorporate only the ordinary services of the Escrow Agent as listed in these instructions. In the event that the Escrow Agent renders any service not provided for in this Agreement or that there is any assignment of any interest in the subject matter of this Escrow or that any controversy arises hereunder, or that the Escrow Agent is made a party to, or reasonably intervenes in, any litigation pertaining to this Escrow or the subject matter thereof, then the Escrow Agent shall be reasonably compensated for such extraordinary services and reimbursed for all costs and expenses occasioned by such default, controversy or litigation.

4. Escrow Agent's Right to Retain Documents. Escrow Agent shall have the right to retain all documents and/or other things of value at any time held by it hereunder until such compensation, fees, costs and expenses shall be paid. The parties jointly and severally promise to pay such sums upon demand.

K. (§411) Termination of Escrow.

1. Termination. Escrow may be terminated by demand of either party which then shall have fully performed its obligations hereunder required to be performed by the date of such demand if:

a. The Conditions to Closing have not occurred or have not been approved, disapproved, or waived as the case may be, by the approving party by the date established herein for the occurrence of such Condition, including any grace period pursuant to this Section; or

b. Either party is in breach of the terms and conditions of this Agreement after the expiration of any applicable notice and cure periods; or

c. Either party has been granted such right expressly in this Agreement, including, but not limited to, the right to terminate pursuant to Section 405.

In the event of the foregoing, the terminating party may, in writing, demand return of its money, papers, or documents from the Escrow Agent and shall deliver a copy of such demand to the non-terminating party. No demand shall be recognized by the Escrow Agent until fifteen (15) days after the Escrow Agent shall have mailed copies of such demand to the non-terminating party, and if no objections are raised in writing to the terminating party and the Escrow Agent by the non-terminating party within the fifteen (15) day period. In the event of such objections, the opportunity to cure shall be provided as stated below in subsection 2 of this Section. In addition, the Escrow Agent is authorized to hold all money, papers, and documents until instructed in writing by both Buyer and City or, upon failure thereof, by a court of competent jurisdiction. If no such demands are made, the Escrow shall be closed as soon as possible and neither party shall have any further liability to the other.

2. Opportunity to Cure. Prior to Closing, in the event any of the Conditions to Closing are not satisfied or waived by the party benefitted by such Conditions ("**Benefitted Party**"), the non-approving Party shall be entitled to extend the Closing Date by thirty (30) days to allow the satisfaction of such Condition and only if such Conditions still cannot be satisfied by the extended Closing Date the Benefitted Party terminate this Agreement and the Escrow. In the event that the failure of a Condition is due to the default of the other party, the provisions of Section 801 shall control. However, notwithstanding the foregoing, (a) if the Buyer is the Benefitted Party, none of the foregoing provisions shall be deemed a waiver or release of any of Buyer's other rights or remedies against the City in the event a condition is not satisfied due to a default by the City and (b) if the City is the Benefitted Party none of the foregoing provisions shall be deemed a waiver or release of any of City's rights or remedies under this Agreement (but subject to the limitations of 3 immediately below) against the Buyer in the event a condition is not satisfied due to a default by the Buyer.

3. Other Duties upon Termination. Upon termination of this Agreement and Escrow pursuant to this Section for any reason, the parties shall have the following duties and obligations in addition to any others described above:

a. In the event such termination is due to the default of Buyer,

(i) CITY WILL BE DAMAGED AND WILL BE ENTITLED TO COMPENSATION FOR THOSE DAMAGES; BUT SUCH DAMAGES WILL BE EXTREMELY DIFFICULT AND IMPRACTICAL TO ASCERTAIN FOR THE FOLLOWING REASONS: (1) THE DAMAGES TO WHICH CITY WOULD BE ENTITLED IN A COURT OF LAW WILL BE BASED IN PART ON THE DIFFERENCE BETWEEN THE ACTUAL VALUE OF THE SITE AT THE TIME SET FOR THE CLOSING; (2) PROOF OF THE AMOUNT OF SUCH DAMAGES WILL BE BASED ON OPINIONS OF VALUE OF THE SITE, WHICH CAN VARY IN SIGNIFICANT AMOUNTS; AND (E) IT IS IMPOSSIBLE TO PREDICT AS OF THE EFFECTIVE DATE WHETHER THE VALUE OF THE SITE WILL INCREASE OR DECREASE AS OF THE CLOSING. THE PARTIES WISH TO AVOID THE COSTS AND LENGTHY DELAYS WHICH WOULD RESULT IF SELLER FILED A LAWSUIT TO COLLECT ITS DAMAGES FOR A BREACH OF THIS AGREEMENT. IF ESCROW FAILS TO CLOSE DUE TO A DEFAULT OR BREACH OF THIS AGREEMENT BY BUYER (INCLUDING TERMINATION OF THIS AGREEMENT BY CITY DUE TO BUYER DEFAULT UNDER THIS AGREEMENT), THEN (i) BUYER'S DEPOSIT ACTUALLY DELIVERED INTO ESCROW BY BUYER SHALL BE DEEMED TO CONSTITUTE A REASONABLE ESTIMATE OF CITY'S DAMAGES UNDER THE PROVISIONS OF SECTION 1671 OF THE CALIFORNIA CIVIL CODE AND (ii) CITY'S SOLE AND EXCLUSIVE REMEDY SHALL BE LIMITED TO COLLECTION OF SUCH LIQUIDATED DAMAGES. THE LIQUIDATED DAMAGES ARE NOT INTENDED AS A PENALTY OR A FORFEITURE UNDER CALIFORNIA CIVIL CODE SECTIONS 3275 OR 3369. EXCEPT AS PROVIDED IN THE FOLLOWING SENTENCE, SELLER HEREBY WAIVES ALL OTHER CLAIMS, DAMAGES AND OTHER REMEDIES, INCLUDING THE PROVISIONS OF CALIFORNIA CIVIL CODE SECTIONS 3384, 3387 AND 3389.

Buyer Initials: _____

City Initials: _____

(ii) All non-privileged and non-proprietary plans, drawings, specifications, reports, and other documents prepared by Buyer or Buyer's contractors or vendors shall be delivered to City, without representation or warranty, by Buyer within ten (10) days of receipt of notice from City but subject to the rights and requirements of the third parties preparing same.

c. In the event such termination is due to the default of City, Buyer shall be entitled to (i) terminate this Agreement, and in such case, the Deposit shall be fully refunded to Buyer, but Buyer shall not be entitled to any damages of any kind; provided, however, City shall reimburse Buyer for reasonable Project costs, incurred prior to such termination, but not yet paid as of termination or (ii) seek specific performance of this Agreement.

L. (§412) <u>Responsibility of Escrow Agent.</u>

1. Deposit of Funds. In accordance with Section 403, all funds received in Escrow shall be deposited by the Escrow Agent in a federally insured account with any state or national bank doing business in the State of California.

2. Notices. All communications from the Escrow Agent shall be directed to the addresses and in the manner provided in Section 901 of this Agreement for notices, demands and communications between City and Buyer.

3. Sufficiency of Documents. The Escrow Agent is not to be concerned with the sufficiency, validity, correctness of form, or content of any document prepared outside of Escrow and delivered to Escrow. The sole duty of the Escrow Agent is to accept such documents and follow Buyer's and City's instructions for their use.

4. Exculpation of Escrow Agent. The Escrow Agent shall in no case or event be liable for the failure of any of the Conditions to Closing of this Escrow, or for forgeries or false personation, unless such liability or damage is the result of negligence or willful misconduct by the Escrow Agent.

5. Responsibilities in the Event of Controversies. If any controversy documented in writing arises between Buyer and City or with any third party with respect to the subject matter of this Escrow or its terms or conditions, the Escrow Agent shall not be required to determine the same, to return any money, papers or documents, or take any action regarding the Site prior to settlement of the controversy by a final decision of a court of competent jurisdiction or written agreement of the parties to the controversy. The Escrow Agent shall be responsible for timely notifying Buyer and City of the controversy. In the event of such a controversy, the Escrow Agent shall not be liable for interest or damage costs resulting from failure to timely close Escrow or take any other action unless such controversy has been caused by the failure of the Escrow Agent to perform its responsibilities hereunder.

V. (§500) DEVELOPMENT OF THE SITE.

A. (§501) Development Per Regulatory Agreement.

The Site shall be developed by Buyer as provided in the Regulatory Agreement, and the plans and permits approved by City and City pursuant to Section 502. Buyer shall commence and diligently prosecute the Project to completion within the time provided in the Schedule of Performance and otherwise in compliance with this Agreement.

B. (§502) Development Plans, Final Building Plans and Environmental Review.

1. Proposed Development's Consistency With Plan and Codes. Buyer shall obtain all Entitlements at its own cost. City warrants and represents that City's General Plan and Zoning Ordinance permit Buyer's conceptual development of the Site, and construction, operation, and use of the Project as provided in this Agreement, subject only to (i) those development approvals yet to be obtained, including, if necessary, proposed General Plan and Zoning Ordinance amendments, Site Plan Review and subdivision approval (if required), and (ii) City's review and approval of the Project in accordance with the California Environmental Quality Act; provided that it is expressly understood by the

parties hereto that City makes no representations or warranties with respect to approvals required by any other governmental entity or with respect to approvals hereinafter required from City and City reserving full police power over the Project. Nothing in this Agreement shall be deemed to be a prejudgment or commitment with respect to such items, nor a guarantee that such approvals or permits will be issued within any particular time or with or without any particular conditions.

2. Evolution of Development Plan. Concurrently with the approval of this Agreement, City has reviewed Developer's Basic Concept Drawings. On or before the date set forth in the Schedule of Performance, Developer shall submit to City preliminary, and thereafter final, drawings and specifications for development of the Site and each Site thereof in accordance with the Scope of Development, and all in accordance with City's requirements.

3. Buyer Efforts to Obtain Approvals. Buyer shall exercise its commercially reasonable efforts to timely submit all documents and information necessary to obtain all development and building approvals from City in accordance with the Schedule of Performance. Not by way of limitation of the foregoing, in developing and constructing the Project, Buyer shall comply with all applicable development standards in City's Municipal Code and shall comply with all building code, landscaping, signage, and parking requirements, except as may be permitted through approved variances and modifications.

4. City Assistance. Subject to Buyer's compliance with (i) the applicable City development standards for the Site, and (ii) all applicable laws and regulations governing such matters as public hearings, site plan review and environmental review, City agrees to provide reasonable assistance to Buyer, at no cost to City, in the processing of Buyer's submittals required under this Section and exert commercially reasonable efforts to process Buyer's submittals. City's failure to provide necessary approvals or permits within such time periods, after and despite Buyer's reasonable efforts to submit the documents and information necessary to obtain the same, shall constitute an Enforced Delay.

5. Disapproval. City shall approve or disapprove in writing each submittal made by Buyer pursuant to this Section within ninety (90) days after such submittal. Any disapproval shall state in writing the reason for the disapproval and the changes which City requests be made. City's failure to disapprove the submittal within fninety (90) days shall be deemed an approval of the submittal. Buyer shall make the required changes and revisions which would not materially impact the economic feasibility of the Project and resubmit for approval as soon as is reasonably practicable but no more than thirty (30) days after the date of disapproval. Thereafter, City shall have an additional thirty (30) days for review of the resubmittal, but if City disapproves the resubmittal, then the cycle shall repeat, until City's approval has been obtained. The foregoing time periods may be shortened if so specified in the Schedule of Performance.

6. CEQA. The term "Environmental Review" shall mean the investigation and analysis of the Project's impacts on the environment as may be required under the California Environmental Quality Act ("**CEQA**"), Public Resources Code §21000, et seq., and the National Environmental Policy Act (42 U.S.C. §4321 *et seq*., "**NEPA**") if required., or of the Project's impacts on any species of plant or animal listed as a species of concern, a threatened

species, or an endangered species as may be required by the California Endangered Species Act ("**CESA**"), Fish and Game Code §2050, et seq., and/or the U.S. Endangered Species Act ("**USESA**"), 16 U.S.C. §1531, et seq., or other applicable California or federal law or regulation. Pursuant to the Class 32 "in-fill" categorical exemption (CEQA Guideline Section 15332), the Project is exempt from Environmental Review, because the Project is defined as an in-fill development project, located on no more than five acres, has no native vegetation or watercourses present on site, can be adequately served by all required utilities and public services, and the existing street network has adequate capacity to accommodate the anticipated traffic from the proposed Project.

C. (§503) Buyer Responsibilities During Construction.

No party hereto shall take any action that would reasonably cause the development of the Project to become subject to prevailing wages. To the extent that Buyer is required to or is determined to be responsible to pay prevailing wages for the development of the Project, Buyer shall defend and hold City and City harmless from and against any increase in construction costs, or other liability, loss, damage, costs, or expenses (including reasonable attorneys' fees and court costs) arising from or as a result of any action or determination that any portion of the Project is subject to payment of prevailing wages. This Section shall survive termination of the Agreement. Buyer shall take actions as City shall reasonably require to minimize the impact of construction and airborne debris on nearby property.

D. (§504) Intentionally Omitted.

E. (§505) Indemnification During Construction.

During the periods of construction on the Site by Buyer, Buyer agrees to and shall indemnify and hold City harmless from and against all liability, loss, damage, costs, or expenses (including reasonable attorneys' fees and court costs) arising from or as a result of the death of any person or any accident, injury, loss, or damage whatsoever caused to any person or to the property of any person which shall occur on the Site and which shall be directly or indirectly caused by any acts done thereon or any errors or omissions of Buyer or its agents, servants, employees, or contractors. Buyer shall not be responsible for (and such indemnity shall not apply to) any acts, errors, or omissions of City or its respective agents, servants, employees, or contractors. City shall not be responsible for any acts, errors, or omissions of any person or entity except City and its respective agents, servants, employees, or contractors, subject to any and all statutory and other immunities. The provisions of this Section shall survive the termination of this Agreement.

F. (§506) Insurance.

Except as provided in this Section, prior to the entry by Buyer on the Site pursuant to this Agreement and prior to the commencement of any work by Buyer on the Project, Buyer shall procure and maintain, at its sole cost and expense, in a form and content satisfactory to City, during the entire term of such entry or construction, the following policies of insurance, as applicable:

1. Commercial General Liability Insurance. A policy of commercial general liability insurance written on a per occurrence basis in an amount not less than TWO MILLION DOLLARS ($2,000,000) per occurrence and TWO MILLION DOLLARS ($2,000,000) in the aggregate.

2. Worker's Compensation Insurance. A policy of worker's compensation insurance in such amount as will fully comply with the laws of the State of California and which shall indemnify, insure and provide legal defense for Buyer, against any loss, claim or damage arising from any injuries or occupational diseases occurring to any worker employed by or any persons retained by Buyer in the course of carrying out the work or services contemplated in this Agreement.

3. Automobile Insurance. A policy of automobile liability insurance written on a per accident basis in an amount not less than ONE MILLION DOLLARS ($1,000,000) combined single limit per accident for bodily injury and property damage covering owned (if applicable), leased, hired, and non-owned vehicles.

4. Builder's Risk Insurance. A policy of "Builder's Risk" insurance covering the full replacement value of all of the improvements to be constructed by Buyer pursuant to this Agreement plus Buyer's personal property and equipment. Buyer shall procure the builder's risk insurance policy prior to commencing construction.

All of the above policies of insurance, except the Builder's Risk Insurance, shall be primary insurance and shall name City, and its officers, employees, and agents as additional insureds. The insurer shall waive all rights of subrogation and contribution it may have against City and its officers, employees and agents and their respective insurers. All of said policies of insurance shall provide that said insurance may not be amended or cancelled without providing thirty (30) days prior written notice to City and Buyer. In the event any of said policies of insurance are cancelled, Buyer shall, prior to the cancellation date, submit new evidence of insurance in conformance with this Section to City Manager. No work or services under this Agreement shall commence until Buyer has provided City with Certificates of Insurance or appropriate insurance binders evidencing the above insurance coverages and said Certificates of Insurance or binders are approved by City.

The policies of insurance required by this Agreement shall be satisfactory only if issued by companies qualified to do business in California, rated "A-" or better in the most recent edition of Best Rating Guide, The Key Rating Guide or in the Federal Register, and only if they are of a financial category Class VII or better, unless such requirements are waived by the Risk Manager of City ("**Risk Manager**") due to unique circumstances.

Buyer shall request (but cannot guarantee) that all contracts with contractors, subcontractors, architects, and engineers provided that the contractor, subcontractor, architect, or engineer shall maintain (if applicable) the same policies of insurance required to be maintained by Buyer pursuant to this Section, unless waived or modified by the Risk Manager.

Buyer agrees that the provisions of this Section shall not be construed as limiting in any way the extent to which Buyer may be held responsible for the payment of damages to

any persons or property resulting from Buyer's activities or the activities of any person or persons for which Buyer is otherwise responsible.

G. (§507) City and Other Fees and Charges.

Buyer shall pay all normal and customary fees and charges applicable to such permits and any fees or charges hereafter imposed by City which are standard for and uniformly applied to similar projects in City. However, notwithstanding the foregoing or anything else in this Agreement to the contrary, Buyer shall not be obligated to pay any City-imposed impact fees in connection with the Affordable Units including, without limitation park and traffic impact fees.

H. (§508) Rights of Access.

Representatives of City shall have the reasonable right to access the Site upon reasonable prior notice without charges or fees, at any time during normal construction hours during the period of construction and upon reasonable notice to Buyer, for the purpose of assuring compliance with this Agreement, including but not limited to the inspection of the construction work being performed by or on behalf of Buyer. Such representatives of City shall be those who are so identified in writing by the City Manager. Each such representative of City shall identify himself or herself at the job site office upon his or her entrance to the Site, and shall provide Buyer, or the construction superintendent or similar person in charge on the Site, a reasonable opportunity to have a representative accompany him or her during the inspection. City shall indemnify, defend, and hold Buyer harmless from any injury or property damage caused or liability arising out of City's exercise of this right of access.

I. (§509) Applicable Laws.

Buyer shall carry out the construction of the Project in conformity with all applicable laws, including all applicable federal and state labor laws.

J. (§510) Nondiscrimination During Construction.

Buyer, for itself and its successors and assigns, agrees that in the construction of the improvements to be constructed by Buyer, it shall not discriminate against any employee or applicant for employment because of race, color, creed, religion, sex, marital status, ancestry or national origin.

K. (§511) Taxes, Assessments, Encumbrances and Liens.

Buyer shall pay, prior to delinquency, all real estate taxes and assessments assessed or levied subsequent to conveyance of Title of the Site to Buyer. Except as otherwise provided in Section 512, until Project Completion, Buyer shall not place or allow to be placed thereon any mortgage, trust deed, encumbrance or lien (except mechanic's liens prior to suit to foreclose the same being filed) prohibited by this Agreement. Buyer shall remove or have removed any levy or attachment made on the Site, or assure the satisfaction thereof, within a reasonable time, but in any event prior to a sale thereunder. Nothing herein contained shall be deemed to prohibit Buyer from contesting the validity or amounts of any tax, assessment, encumbrance or lien, or to limit the remedies available to Buyer in respect

thereto.

L. (§512) Rights of Holders of Approved Security Interests in Site.

1. Definitions. As used in this Section, the term "mortgage" shall include any mortgage, whether a leasehold mortgage or otherwise, deed of trust, or other security interest, or sale and lease-back, or any other form of conveyance for financing. The term "holder" shall include the holder of any such mortgage, deed of trust, or other security interest, or the lessor under a lease-back, or the grantee under any other conveyance for financing.

2. No Encumbrances Except Mortgages to Finance the Project. Notwithstanding the restrictions on transfer in Section 303, mortgages required for any reasonable method of financing of the development and/or construction of the Project are permitted before Project Completion but only for the purpose of securing loans of funds used or to be used for the construction and development of the Project, and for any other expenditures necessary and appropriate to develop Project under this Agreement, or for restructuring or refinancing any for same, so long as the refinancing does not exceed the then outstanding balance of the existing financing, including any additional costs for completion of construction, whether direct or indirect, based upon the estimates of architects and/or contractors. Any holder shall not be bound by any later amendment, implementation, or modification to this Agreement without such lender giving its prior written consent thereto. In any event, Buyer shall promptly notify City of any mortgage, encumbrance, or lien that has been created or attached thereto prior to Project Completion, whether by voluntary act of Buyer or otherwise.

3. Buyer's Breach Not to Defeat Mortgage Lien. Buyer's breach of any of the covenants or restrictions contained in this Agreement shall not defeat or render invalid the lien of any mortgage made in good faith and for value as to the Site, or any part thereof or interest therein, but unless otherwise provided herein, the terms, conditions, covenants, restrictions, easements, and reservations of this Agreement shall be binding and effective against the holder of any such mortgage of the Site whose interest is acquired by foreclosure, trustee's sale or otherwise.

4. Holder Not Obligated to Construct or Complete Improvements. The holder shall in no way be obligated by the provisions of this Agreement to construct or complete the improvements or to guarantee such construction or completion.

5. Notice of Default to Holders of Mortgages, Deed of Trust or other Security Interest. Whenever City shall deliver any notice or demand to Buyer with respect to any breach or default by Buyer hereunder, City shall at the same time deliver a copy of such notice or demand to each holder who has previously made a written request to City therefor, or to the representative of such lender as may be identified in such a written request by the lender. No notice of default shall be effective as to the holder unless such notice is given.

6. Right to Cure. Each holder (insofar as the rights of City are concerned) shall have the right, at its option, within ninety (90) days after the receipt of the notice, to:

a. obtain possession, if necessary, and to commence and diligently pursue said cure until the same is completed, and

b. add the cost of said cure to the security interest debt and the lien or obligation on its security interest;

provided that in the case of a default which cannot with diligence be remedied or cured within such ninety (90) day period, such holder shall have additional time as reasonably necessary to remedy or cure such default.

In the event there is more than one such holder, the right to cure or remedy a breach or default of Buyer under this Section shall be exercised by the holder first in priority or as the holders may otherwise agree among themselves, but there shall be only one exercise of such right to cure and remedy a breach or default of Buyer under this Section.

No holder shall undertake or continue the construction or completion of the Project (beyond the extent necessary to preserve or protect the improvements or construction already made) without first submitting evidence reasonably satisfactory to City that it has the qualifications and financial responsibility necessary to construct and complete the improvements and enter into an agreement with City with respect to the obligations hereunder.

7. City's Rights upon Failure of Holder to Complete Improvements. If a holder does not exercise the option to construct the Project as described above within one hundred eighty (180) days after taking title to the Site under Section 805 or if it has exercised such option and has not proceeded diligently with construction, City may, after ninety (90) days' notice to such holder and if within said ninety (90) day period such holder has not begun to proceed diligently with construction, purchase the mortgage, upon payment to the holder of an amount equal to the sum of the following:

a. The unpaid mortgage debt including accrued and unpaid interest, fees and penalties;

b. All expenses incurred by the holder with respect to foreclosure, if any;

c. All third party expenses (exclusive of general overhead) of any kind, incurred by the holder as a direct result of the ownership or management of the Site, such as insurance premiums or real estate taxes, if any;

d. The costs of any improvements made by such holder, if any; and

e. An amount equivalent to the interest that would have accrued on the aggregate of such amounts had all such amounts become part of the mortgage debt and such debt had continued in existence to the date of payment by City.

In the event that the holder does not exercise its option to construct afforded in this Section, and City elects not to purchase the mortgage of holder, upon written request by the holder to City, City agrees to use reasonable efforts to assist the holder selling the holder's

interest to a qualified and responsible party or parties approved by the holder. The proceeds of such a sale shall be applied first to the holder of those items specified in subparagraphs a. through e. hereinabove, and any balance remaining thereafter shall be applied as follows:

(1) First, to reimburse City, on its own behalf and on behalf of City, for all costs and expenses actually and reasonably incurred by City, including but not limited to payroll expenses, management expenses, legal expenses, and others.

(2) Second, to reimburse City, on its own behalf and on behalf of City, for all payments made by City to discharge any other encumbrances or liens on the Site or to discharge or prevent from attaching or being made any subsequent encumbrances or liens due to obligations, defaults, or acts of Buyer, its successors or transferees.

(3) Third, to reimburse City, on its own behalf and on behalf of City, for all costs and expenses actually and reasonably incurred by City, in connection with its efforts assisting the holder in selling the holder's interest in accordance with this Section.

(4) Fourth, any balance remaining thereafter shall be paid to Buyer.

8. Right of City to Cure Mortgage, Deed of Trust or Other Security Interest Default. In the event of a default or breach by Buyer (or entity permitted to acquire Title under this Section) under a mortgage prior to Project Completion, and the holder of any such mortgage has not exercised its option to complete the Project as provided above, City may cure the default prior to completion of any foreclosure. In such event, City shall be entitled to reimbursement from Buyer or other entity of all costs and expenses incurred by City in curing the default, to the extent permitted by law, as if such mortgage holder initiated such claim for reimbursement, including legal costs and attorneys' fees, which right of reimbursement shall be secured by a lien upon the Site to the extent of such costs and disbursements. Any such lien shall be subject to:

a. Any Senior Financing; and

b. Any rights or interests provided in this Agreement for the protection of the holders; provided, that nothing herein shall be deemed to impose upon City any affirmative obligations (by the payment of money, construction or otherwise) with respect to the Site in the event of its enforcement of its lien.

9. Right of City to Satisfy Other Liens on the Site After Conveyance of Title. After the Closing and prior to Project Completion, and after Buyer has had a reasonable time to challenge, cure, or satisfy any liens or encumbrances on the Site or any portion thereof, City shall have the right to satisfy any such liens or encumbrances; provided, however, that nothing in this Agreement shall require Buyer to pay or make provision for the payment of any tax, assessment, lien or charge so long as Buyer in good faith shall contest the validity or amount thereof, and so long as such delay in payment shall not subject the Site or any portion thereof to forfeiture or sale.

M. (§513) Project Completion.

After Project Completion, any third party then owning or thereafter purchasing, leasing or otherwise acquiring any interest in the Site shall not (because of such ownership, purchase, lease, or acquisition) incur any obligation or liability under this Agreement with respect to the Site, except that such third party shall be bound by the covenants, encumbrances, and easements contained in the Grant Deed and the Regulatory Agreement. After Completion of the Project, City shall not have any rights or remedies under this Agreement with respect to the Site, except as otherwise set forth or incorporated in the Grant Deed or the Regulatory Agreement.

Project Completion shall not constitute evidence of compliance with or satisfaction of any obligation of Buyer to any holder, or any insurer of a mortgage securing money loaned to finance the improvements, or any part thereof.

N. (§514) Estoppels.

No later than fifteen (15) days after the request of Buyer or any holder, City shall, from time to time and upon the request of such holder, execute and deliver to Buyer or such holder a written statement of City that no default or breach exists (or would exist with the passage of time, or giving of notice or both) by Buyer under this Agreement, if such be the determination of City, and certifying as to whether or not Buyer has at the date of such certification complied with any obligation of Buyer hereunder as to which such holder may inquire. The form of any estoppel letter shall be prepared by the holder or Buyer and shall be at no cost to City.

O. (§ 515) Subordination.

City agrees to subordinate the Deed of Trust, Regulatory Agreement, this Agreement, and the Deed to Senior Financing. City Manager is hereby authorized and directed to execute such subordination agreements, intercreditor agreements, tri-party agreements, stand-still agreements, modifications to this Agreement, Note, Deed of Trust, the Deed and the Regulatory Agreement and/or other documents as may be reasonably requested by a Senior Financing holder. The execution of such agreements is subject to the requirement that such agreements contain written provisions which City Manager and City Attorney find are consistent with the standard requirements imposed by the lender for financing of similar projects in Orange county, the subordination requirements contained in this Agreement and that City be given notice and be permitted an opportunity to cure any defaults under the senior lien within a reasonable time.

City shall only be required to subordinate the Deed of Trust, the Regulatory Agreement, this Agreement and the Deed to Senior Financing provided the following requirements are satisfied:

a. Buyer is not in default under any obligations to City including, but not limited to, the Regulatory Agreement and this Agreement.

b. The Senior Financing holder agrees to provide City with any notice of default which is provided by the Senior Financing holder to Buyer and provide City with the right

(but not the obligation) to cure any default and extend the time for such cure provided City is diligently processing the cure of such default.

c. A request for special notice and a request for notice of delinquency be recorded concurrently with the subordination agreement.

d. City will execute a subordination agreement for recordation as reasonably required by a title company to provide title insurance for the Senior Financing.

e. Concurrently with the recordation of the subordination agreement, City's Title Policy shall be updated as required by City at Developer's cost and expense insuring the Deed of Trust is junior only to the specified Senior Financing.

f. City shall be provided complete executed copies of all Senior Financing loan documents.

City shall be entitled to prompt reimbursement from Developer for any costs associated with curing a default on a senior lien. If not paid by Developer, such sum shall be added to the Note and secured by the Deed of Trust.

VI. (§600) USES AND MAINTENANCE OF THE SITE

A. (§601) Uses of the Site.

Effective on the Closing, Buyer covenants and agrees for itself, its successors and assigns, which covenants shall run with the land and bind every successor or assign in interest of Buyer, that during development of the Site pursuant to this Agreement and thereafter, neither the Site nor the improvements, nor any portion thereof, shall be improved, used or occupied in violation of any applicable governmental restrictions or the restrictions of this Agreement. Furthermore, Buyer and its successors and assigns shall not initiate, maintain, commit, or permit the maintenance or commission on the Site or in the improvements, or any portion thereof, of any nuisance, public or private, as now or hereafter defined by any statutory or decisional law applicable to the Site or the improvements, or any portion thereof. Effective as of the Closing, Buyer further covenants and agrees on behalf of itself and its successors and assigns to devote, use, operate and maintain the Site in accordance with this Agreement, the Grant Deed, the Regulatory Agreement, and the other documents recorded against the Site pursuant to the provisions of this Agreement.

Notwithstanding anything to the contrary or that appears to be to the contrary in this Agreement and except as set forth in any subordination agreement, Buyer hereby covenants, on behalf of itself, and its successors and assigns, which covenants shall run with the land and bind every successor and assign in interest of Buyer, that Buyer and such successors and assigns shall use the Site solely for the purpose of constructing, maintaining and operating the Project meeting the requirements and restrictions of this Agreement, including, without limitations, restriction of the sale and occupancy of the Affordable Units only to Qualified Purchasers for the Affordable Purchase Price.

B. (§602) Affordable Housing.

1. <u>Construction of Affordable Housing</u>. Five (5) of the Residential Units shall be restricted to Low Income Households. The location, size and specifications of the Affordable Units, including affordability level, shall be as reasonably agreed to by City. All Residential Units, shall be subject to and shall be sold in compliance with the selection criteria described in the Regulatory Agreement.

2. <u>Affordable Unit Requirements</u>. Each of the Affordable Units shall be occupied at all times only by the Low Income Household that has purchased that Affordable Unit. Buyer covenants to cooperate with City in taking all steps necessary to implement this requirement with respect to all Affordable Units. The restrictions upon sale and use of each Affordable Unit shall continue for a period of forty-five (45) years from the initial sale of the Affordable Unit by Buyer to a Qualified Purchaser.

3. <u>Sale of Affordable Units by Buyer</u>.

Prior to the deadline specified in the Schedule of Performance, Buyer shall prepare and obtain City's approval (which shall not be unreasonably withheld) of a marketing program ("**Approved Marketing Program**") for the selection of purchasers of the Affordable Units, at the Project that shall be in accordance and consistent with the use and other requirements and restrictions of the Regulatory Agreement. The Affordable Units shall thereafter be marketed in accordance with the Approved Marketing Program as the same may be amended by Buyer from time to time with City's prior written approval, which shall not be unreasonably withheld. Monthly during the initial sale period, and annually thereafter, Buyer shall provide City with a report with respect to Affordable Units under a purchase and sale agreement, the status of implementation of the Approved Marketing Program, and such other information as City may reasonably request. City agrees to exercise reasonable efforts to assist Buyer in connection with implementation of the Approved Marketing Program; provided, City shall not be under any obligation to incur any out-of-pocket expenses in connection therewith. City agrees to make "silent second" loans to the purchasers of each of the Affordable Units within the Project ("**Qualified Purchaser Loans**"). The principal amount of each Qualified Purchaser Loan shall be one fifth ($1/5^{th}$) the amount of the Note. Homeowner repayment of Qualified Purchaser Loans shall be due upon the subsequent transfer of the Affordable Unit, with no periodic payments required. Any remaining balance of the Qualified Purchaser Loan shall be forgiven upon the expiration of the affordability covenant for such Affordable Unit, provided that such affordability covenant is not in default at such time. The Qualified Purchaser Loans shall be assumable by subsequent purchasers of the Affordable Units who satisfy the requirements of the Regulatory Agreement. Qualified Purchaser Loans will be secured with deeds of trust which will be subordinate to first mortgage financing for the Affordable Unit. Buyer shall coordinate the issuance of such "silent seconds" between City and each Qualified Purchaser.

4. <u>Termination of License</u>.

Prior to the Closing City will terminate the License and cause the Licensee to vacate the Site.

C. (§603) <u>Obligation to Refrain from Discrimination.</u>

There shall be no discrimination against, or segregation of, any persons, or group of persons, on account of race, color, creed, religion, sex, marital status, national origin or ancestry in the rental, sale, lease, sublease, transfer, use, occupancy, or enjoyment of the Site, or any portion thereof, nor shall Buyer, or any person claiming under or through Buyer, establish or permit any such practice or practices of discrimination or segregation with reference to the selection, location, number, use or occupancy of tenants, lessees, subtenants, sublessees or vendees of the Site or any portion thereof (except as permitted by this Agreement). The nondiscrimination and non-segregation covenants contained herein shall remain in effect in perpetuity.

D. (§604) Form of Nondiscrimination and Non-segregation Clauses.

Subject to the tenancy/occupancy restrictions on the Residential Units not prohibited by federal law as embodied in this Agreement, which may modify the following nondiscrimination clauses, the following shall apply: Buyer shall refrain from restricting the rental, sale, or lease of any portion of the Site on the basis of race, color, creed, religion, sex, marital status, ancestry or national origin of any person. All such deeds, leases or contracts shall contain or be subject to substantially the following nondiscrimination or non-segregation clauses:

1. Deeds: In deeds the following language shall appear: “The grantee herein covenants by and for himself or herself, his or her heirs, executors, administrators, and assigns, and all persons claiming under or through them, that there shall be no discrimination against or segregation of any person or group of persons on account of race, color, creed, religion, sex, marital status, national origin or ancestry in the sale, lease, sublease, transfer, use, occupancy, tenure or enjoyment of the land herein conveyed, nor shall the grantee, or any persons claiming under or through him or her, establish or permit any such practice or practices of discrimination or segregation with reference to the selection, location, number, use or occupancy of tenants, lessees, subtenants, sublessees or vendees in the land herein conveyed. The foregoing covenants shall run with the land.”

2. Leases: In leases the following language shall appear: “The lessee herein covenants by and for himself or herself, his or her heirs, executors, administrators and assigns, and all persons claiming under or through him or her, and this lease is made and accepted upon and subject to the following conditions: ‘That there shall be no discrimination against or segregation of any person or group of persons on account of race, color, creed, religion, sex, marital status, national origin or ancestry in the leasing, subleasing, transferring, use, occupancy, tenure or enjoyment of the premises herein leased nor shall the lessee, or any person claiming under or through him or her, establish or permit any such practice or practices of discrimination or segregation with reference to the selection, location, number, use or occupancy of tenants, lessees, sublessees, subtenants or vendees in the premises herein leased.”

3. Contracts: Any contracts which Buyer or Buyer’s heirs, executors, administrators, or assigns propose to enter into for the sale, transfer, or leasing of the Site shall contain a nondiscrimination and non-segregation clause substantially as set forth in Section 603 and in this Section. Such clause shall bind the contracting party and subcontracting party or transferee under the instrument.

E. (§605) Maintenance of Improvements.

Buyer covenants and agrees for itself, its successors and assigns, and every successor in interest to the Site or any part thereof, that, after Project Completion, and prior to the Project homeowner's association becoming responsible for same, Buyer shall (i) be responsible for maintenance of all improvements that may exist on the Site from time to time, including without limitation buildings, parking lots, lighting, signs, and walls, in good working condition and repair, and shall keep the Site free from any accumulation of debris or waste materials and (ii) maintain all landscaping required pursuant to Buyer's approved landscaping plan in a healthy condition, including replacement of any dead or diseased plants. The foregoing maintenance obligations shall run with the land in accordance with and for the term of the Regulatory Agreement. Buyer's further obligations to maintain the Site, and City's remedies in the event of Buyer's default in performing such obligations, are set forth in the Regulatory Agreement. Buyer hereby waives any notice, public hearing, and other requirements of the public nuisance laws and ordinances of City that would otherwise apply, except as specified in said Regulatory Agreement. Upon the sale of any portion of the Site to a third party in which Buyer has no interest, Buyer shall be released from the requirements imposed by this Section 605, and the financial liability therefor, as to the portion of the Site conveyed.

F. (§606) Effect of Covenants.

City is a beneficiary of the terms and provisions of this Agreement and of the restrictions and covenants running with the land, whether appearing in the Grant Deed, or the Regulatory Agreement, for and in its own right for the purposes of protecting the interests of the community in whose favor and for whose benefit the covenants running with the land have been provided. The covenants in favor of City shall run without regard to whether City has been, remains or is an owner of any land or interest therein in the Site, and shall be effective as both covenants and equitable servitudes against the Site. City shall have the right, if any of the covenants set forth in this Agreement which are provided for its benefit are breached, to exercise all rights and remedies and to maintain any actions or suits at law or in equity or other proper proceedings to enforce the curing of such breaches to which it may be entitled. No other person or entity shall have any right to enforce the terms of this Agreement under a theory of third-party beneficiary or otherwise. The covenants running with the land and their duration are set forth in the Grant Deed and the Regulatory Agreement.

VII. (§700) SPECIAL PROVISIONS

A. (§701) Amendments to this Agreement to Comply with Senior Financing.

If reasonable changes to this Agreement are reasonably required by the lender providing Senior Financing pursuant to Section 401, the parties agree to effectuate such changes, City Manager is authorized, without further approval of City Council, but with approval of the City Attorney, to make changes to this Agreement and the Regulatory Agreement as reasonably required to satisfy the requirements described herein.

B. (§ 702) Minor Amendments.

Each party agrees to consider reasonable requests for amendments to this Agreement which may be made by the other party, lending institutions, or financial consultants. Any amendments to this Agreement must be in writing and signed by the City. On behalf of City, City Manager shall have City to make minor amendments to this Agreement, including, but not limited to, the granting of extensions of time to Buyer, so long as such actions do not materially change the Agreement or make a commitment of additional funds of City. All other changes, modifications, and amendments shall require the prior approval of City's governing board.

VIII. (§800) DEFAULTS, REMEDIES AND TERMINATION

A. (§801) Defaults, Right to Cure and Waivers.

Subject to any Enforced Delay, failure or delay by either party to timely perform any covenant or obligations of this Agreement constitutes a default under this Agreement, but only if the party who so fails or delays does not commence to cure, correct or remedy such failure or delay within thirty (30) days after receipt of a written notice specifying such failure or delay from the other party, and does not thereafter prosecute such cure, correction or remedy with diligence to completion. Except as required to protect against further damages, the non-defaulting party may not institute proceedings against the party in default until thirty (30) days after giving such notice if the defaulting party has not complied with the immediately preceding sentence. Failure or delay in giving such notice shall not constitute a waiver of any default, nor shall it change the time of default.

Except as otherwise provided in this Agreement, waiver by either party of the performance of any covenant, condition or promise, shall not invalidate this Agreement, nor shall it be considered a waiver of any other covenant, condition, or promise. Waiver by either party of the time for performing any act shall not constitute a waiver of time for performing any other act or an identical act required to be performed at a later time. The delay or forbearance by either party in exercising any remedy or right as to any default shall not operate as a waiver of any default or of any rights or remedies or to deprive such party of its right to institute and maintain any actions or proceedings which it may deem necessary to protect, assert, or enforce any such rights or remedies.

B. (§802) Legal Actions.

1. Institution of Legal Actions. In addition to any other rights or remedies, and subject to the requirements of Section 801, either party may institute legal action to cure, correct or remedy any default, to recover damages for any default, or to obtain any other remedy consistent with the purpose of this Agreement. Legal actions must be instituted and maintained in the Superior Court of the County of Orange, State of California, in any other appropriate court in that county, or in the Federal District Court in the Eastern District of California.

2. Applicable Law and Forum. The laws of the State of California shall govern the interpretation and enforcement of this Agreement.

3. Acceptance of Service of Process. In the event that any legal action is commenced by Buyer against City, service of process on City shall be made by personal

service upon City Manager or City Attorney or in such other manner as may be provided by law. In the event that any legal action is commenced by City against Buyer, service of process on Buyer shall be made in such manner as may be provided by law and shall be valid whether made within or outside of the State of California.

C. (§803) Rights and Remedies are Cumulative.

Except as otherwise expressly stated in this Agreement, the rights and remedies of the parties are cumulative, and the exercise by either party of one or more of its rights or remedies shall not preclude the exercise by it, at the same or different times, of any other rights or remedies for the same default or any other default by the other party.

D. (§804) Specific Performance.

In addition to any other remedies permitted by this Agreement, if either party defaults under this Agreement by failing to perform any of its obligations in this Agreement, each party agrees that except as otherwise provided in Section 411(3) (City cannot obtain specific performance if Buyer fails to acquire the Site for any reason), the other shall be entitled to the judicial remedy of specific performance, and each party agrees (subject to its reserved right to contest whether in fact a default does exist) not to challenge or contest the appropriateness of such remedy. In this regard, Buyer specifically acknowledges that City is entering into this Agreement for the purpose of assisting in the development of the Site for affordable housing and not for the purpose of enabling Buyer to speculate in land.

E. (§805) Right of Reverter.

City shall have the right, at its option, upon one hundred twenty (120) days prior written notice, to reenter and take possession of the Site or any portion thereof with all improvements thereon and to terminate and re-vest in City the estate conveyed to Developer, if after conveyance of the estate and prior to Project Completion Developer (or his successors in interest) shall, subject to Enforced Delay:

1. Fail to commence construction of the improvements as required by this Agreement, if such failure is in violation of the Schedule of Performance, for a period of 90 days after issuance of a building permit, provided that Developer shall not have obtained an extension or postponement to which Developer may be entitled pursuant to this Agreement; or

2. Abandon or substantially suspend construction of the improvements for a period of one hundred twenty (120) days after written notice of such abandonment or suspension from City, provided that Developer shall not have obtained an extension of time to which Developer may be entitled pursuant to this Agreement; or

3. Assign or attempt to assign this Agreement, or any rights herein, or Transfer, or suffer any involuntary Transfer of, the Site, or any part thereof, in violation of this Agreement, and such violation shall not be cured within one hundred twenty (120) days after the date of receipt of written notice thereof by City to Developer.

The right to re-enter, repossess, terminate, and re-vest shall be subject to and be limited by and shall not defeat, render invalid, or limit:

1. Any mortgage, deed of trust, or other security interests permitted by this Agreement; or

2. Any rights or interests provided in this Agreement for the protection of the holders of such mortgages, deeds of trust, or other security interests.

Upon the revesting of the Site in the City, the Note shall be cancelled and of no further force or effect. Notwithstanding anything to the contrary set forth above, City's right to re-acquire the Site shall be subject to and conditioned upon (A) if the Senior Financing (as defined below) is a secured credit facility ("**Credit Facility**"), City payment to the holders of such Credit Facility of the then current collateral value of the Site (including all improvements thereon) as reflected on the holder of such Credit Facility books and records pursuant to the Credit Facility loan documents or (B) if the Senior Financing is project specific financing secured by any other first in priority mortgage or deed of trust holder, payment of the full amount of the unpaid debt, plus any accrued and unpaid interest, costs and expenses. In addition to payment of the amounts required to be paid above, to exercise its right to purchase, enter and take possession with respect to the Site (or portion thereof). Buyer shall thereupon execute and deliver to the City a grant deed transferring to the City (or its designee) all of Buyer's interest in the Site (or portion thereof) in its AS-IS, WHERE-IS CONDITION, WITHOUT ANY REPRESENTATIONS OR WARRANTIES. In the event City exercises its purchase right to repurchase, such exercise shall constitute the City's sole and exclusive remedy on account of any default of Buyer which gives rise to the City's purchase option hereunder, except that the foregoing limitation on remedies shall not affect the Buyer's indemnity obligations under the Sale Agreement.

Upon the re-vesting in City of possession of the Site, or any part thereof, as provided in this Section 805, City shall, pursuant to its responsibilities under state law, use its best efforts to release, or resell or re-grant the Site, as necessary and legally permitted, as the case may be, or any part thereof, as soon and in such manner as City shall find feasible and consistent with the objectives of such law to a qualified and responsible party or parties (as determined by City), who will assume the obligation of making or completing the improvements, or such other improvements in their stead, as shall be satisfactory to City and in accordance with the uses specified for the Site.

In the event of a resale, the proceeds thereof shall be applied as follows:

1. First, to reimburse City on its own behalf or on behalf of City for all costs and expenses incurred by City, including but not limited to, salaries to personnel, legal costs and attorneys' fees, and all other contractual expenses in connection with the recapture, management, and resale of the Site (but less any income derived by City from the Site or part thereof in connection with such management); all taxes, assessments and water and sewer charges with respect to the Site (or, in the event the Site is exempt from taxation or assessment or such charges during the period of ownership, then such taxes, assessments, or charges, as determined by City, as would have been payable if the Site were not so exempt); any payments made or necessary to be made to discharge or prevent from

attaching or being made any subsequent encumbrances or liens due to obligations incurred with respect to the making or completion of the agreed improvements or any part thereof on the Site or part thereof; and amounts otherwise owing City by Developer, its successors, or transferees; and

2. Second, to reimburse Developer, its successor or transferee, up to the amount equal to (i) the costs incurred for the development of the Site and for the agreed development expenses and improvements existing on the Site at the time of the re-entry and repossession, less (ii) any gains or income withdrawn or made by Developer from the Site or the improvements thereon.

3. Any balance remaining after such reimbursements shall be retained by City as its property.

To the extent that the right established in this Section involves a forfeiture, it must be strictly interpreted against City, the party for whose benefit it is created. The rights established in this Section are to be interpreted in light of the fact that City will sell the Site to Developer for development, and not for speculation in undeveloped land.

City's rights under this Section 805 shall terminate and be of no further force or affect upon the conveyance of the final Affordable Unit (as defined in the Agreement) in accordance with the Regulatory Agreement. In addition, notwithstanding anything to the contrary in this Agreement the provisions of this Section 805 shall (i) not apply in any way effect any (1) residence constructed on the Site and transferred to home purchaser in accordance with a Final Subdivision Public Report issued by the California Department of Real Estate and/or (2) any common area conveyed to a homeowners association formed in connection with the development of the site and (ii) shall automatically terminate as to any such residence or common area concurrently with the conveyance thereof to a home purchaser or association, as applicable.

F. (§806) <u>Attorneys' Fees.</u>

If either party to this Agreement is required to initiate or defend any action or proceeding in any way arising out of the parties' agreement to, or performance of, this Agreement, or is made a party to any such action or proceeding by the Escrow Agent or other third party, such that the parties hereto are adversarial, the prevailing party, as between Buyer and City only, in such action or proceeding, in addition to any other relief which may be granted, whether legal or equitable, shall be entitled to reasonable attorney's fees from the other. As used herein, the "**prevailing party**" shall be the party determined as such by a court of law, pursuant to the definition in Code of Civil Procedure Section 1032(a)(4), as the same may be amended or re-codified from time to time. Attorneys' fees shall include attorneys' fees on any appeal, and in addition a party entitled to attorneys' fees shall be entitled to all other reasonable costs for investigating such action, taking depositions and discovery and all other necessary costs, including expert witness fees, the court allows which are incurred in such litigation. All such fees shall be deemed to have accrued on commencement of such action and shall be enforceable whether or not such action is prosecuted to judgment.

IX. (§900) GENERAL PROVISIONS

A. (§901) Notices, Demands and Communications Between the Parties.

Except as expressly provided to the contrary herein, any notice, consent, report, demand, document or other such item to be given, delivered, furnished or received hereunder shall be deemed given, delivered, furnished, and received when given in writing and personally delivered to an authorized agent of the applicable party, or upon delivery by the United States Postal Service, first-class registered or certified mail, postage prepaid, return receipt requested, or by a national "overnight courier" such as Federal Express, at the time of delivery shown upon such receipt; or by e-mail; in any case, delivered to the address, addresses and persons as each party may from time to time by written notice designate to the other and who initially are:

City: City of Cypress
5275 Orange Ave.
Cypress CA 90630
Attn: City Manager
Email: pgrant@cypressca.org

Copy to: Aleshire & Wynder, LLP
1 Park Plaza, Suite 1000
Irvine, CA 92614
Attn: Fred Galante, Esq.
E-Mail: fgalante@awattorneys.com

Buyer: OLSON URBAN HOUSING, LLC
3010 Old Ranch Parkway, Suite 100
Seal Beach, CA 90740
Attn: Todd Olson and John Reekstin
E-Mail tolson@theolsonco.com and jreekstin@theolsonco.com

Copy to: Dzida, Carey & Steinman
3 Park Plaza, Suite 750
Irvine, CA 92614
Attn: Jay R. Steinman, Esq.
E-Mail: jsteinman@dcslaw. com

B. (§902) Nonliability of City and City Officials and Employees; Conflicts of Interest; Commissions.

1. Personal Liability. No member, official, employee, agent or contractor of City or City shall be personally liable to Buyer in the event of any default or breach by City or for any amount which may become due to Buyer or on any obligations under the terms of the Agreement; provided, it is understood that nothing in this Section 902 is intended to limit City's liability.

2. Financial Interest. No member, official, employee or agent of City or City shall have any financial interest, direct or indirect, in this Agreement, nor participate in any decision relating to this Agreement which is prohibited by law.

3. Commissions. Neither City nor Buyer has retained any broker or finder or has paid or given, and will not pay or give, any third person any money or other consideration for obtaining this Agreement. No party shall be liable for any real estate commissions, brokerage fees or finders fees which may arise from this Agreement, and each party agrees to hold the other harmless from any claim by any broker, agent, or finder resulting due to the actions of such party.

C. (§903) Enforced Delay: Extension of Times of Performance.

Time is of the essence in the performance of this Agreement.

Notwithstanding the foregoing or any other provision of this Agreement to the contrary and regardless of whether this Section 903 is referenced, a party shall not be deemed to be in default under this Agreement including, without limitation the Schedule of Performance, where delay or default is due to war; insurrection; strikes; lock-outs; riots, floods; earthquakes; fires; casualties; supernatural causes; acts of the public enemy; epidemics; quarantine restrictions; freight embargoes; lack of transportation; subsurface conditions on the Site and unknown soils conditions; governmental restrictions or priority litigation; unusually severe weather; acts or failure to act of the other party; acts or the failure to act of a public or governmental agency or entity (except that acts or the failure to act of City shall not excuse performance by City unless the act or failure is caused by the acts or omissions of Buyer); or any other causes beyond the reasonable control or without the fault of the party claiming an extension of time to perform (herein "**Enforced Delay**"). In the event of an Enforced Delay, (i) the party delayed shall continue to exercise reasonable diligence to minimize the period of the delay and (ii) any time for performance under this Agreement shall be extended by the period of the Enforced Delay which shall commence to run from the time of the commencement of the Enforced Daly, provided notice by the party claiming such Enforced Delay is sent to the other party within fifteen (15) days after the commencement of the Enforced Delay unless the other party has actual knowledge of such Enforced Delay.

The following shall not be considered as events or causes beyond the control of Buyer, and shall not constitute Enforced Delay: (i) Buyer's failure to obtain financing for the Project (except as provided in Section 401), and (ii) Buyer's failure to negotiate agreements with prospective Residential Unit purchasers or the alleged absence of favorable market conditions for such uses.

Times of performance under this Agreement may also be extended by mutual written agreement by City and Buyer. City Manager shall have authority on behalf of City to approve extensions of time not to exceed a cumulative total of one hundred eighty (180) days with respect to the development of the Site.

D. (§904) Intentionally Omitted.

E. (§905) Assurances to Act in Good Faith.

City and Buyer agree to execute all documents and instruments and to take all action, including making a deposit of funds in addition to such funds as may be specifically provided for herein, and as may be required in order to consummate conveyance and development of the Site as herein contemplated, and shall use their best efforts, to accomplish the closing and subsequent development of the Site in accordance with the provisions hereof. City and Buyer shall each diligently and in good faith pursue the satisfaction of any conditions or contingencies subject to their approval.

F. (§906) Interpretation.

The terms of this Agreement shall be construed in accordance with the meaning of the language used and shall not be construed for or against either party by reason of the authorship of this Agreement or any other rule of construction which might otherwise apply. The section headings are for purposes of convenience only, and shall not be construed to limit or extend the meaning of this Agreement. This Agreement includes all attachments attached hereto, which are by this reference incorporated in this Agreement in their entirety.

G. (§907) Entire Agreement, Waivers and Amendments.

This Agreement integrates all of the terms and conditions mentioned herein, or incidental hereto, and this Agreement supersedes all negotiations and previous agreements between the parties with respect to all or any part of the subject matter hereof. All waivers of the provisions of this Agreement, unless specified otherwise herein, must be in writing and signed by the appropriate authorities of City or Buyer, as applicable, and all amendments hereto must be in writing and signed by the appropriate authorities of City and Buyer.

H. (§908) Severability.

In the event any term, covenant, condition, provision or agreement contained herein is held to be invalid, void or otherwise unenforceable, by any court of competent jurisdiction, such holding shall in no way affect the validity or enforceability of any term, covenant, condition, provision or agreement contained herein.

I. (§909) Time for Acceptance of Agreement by City.

This Agreement, when executed by Buyer and delivered to City, must be authorized, executed and delivered by City, after consideration at a public meeting. After execution by Buyer, this Agreement shall be considered an irrevocable offer until such time as City is authorized to execute and deliver the Agreement.

J. (§910) Execution.

1. This Agreement may be executed in counterparts, each of which shall be deemed to be an original, and such counterparts shall constitute one and the same instrument.

2. City represents and warrants that: (i) it is a municipal corporation under the laws of the State of California; (ii) by proper action of City, City has been duly authorized to

execute and deliver this Agreement, acting by and through its duly authorized officers; and (iii) the entering into this Agreement by City does not violate any provision of any other agreement to which City is a party.

3. Buyer represents and warrants that: (i) it is duly organized and existing under the laws of the State of California; (ii) by proper action of Buyer, Buyer has been duly authorized to execute and deliver this Agreement, acting by and through its duly authorized officers; and (iii) the entering into this Agreement by Buyer does not violate any provision of any other agreement to which Buyer is a party.

[SIGNATURES ON FOLLOWING PAGE]

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the date of execution by City.

REMINDER: PARTIES NEED TO INITIAL SECTION 409.

BUYER:

OLSON URBAN HOUSING, LLC, a Delaware limited liability company

By: In Town Living, Inc., a Delaware corporation
Its: Managing Member

By: _____
Todd Olson, President of Community Development

By: _____

Name: _____

Title: _____

CITY:

CITY OF CYPRESS CITY,
a California municipal agency

By: _____
Scott Minikus, Mayor

ATTEST:

By: _____
Alisha Farnell, City Clerk

APPROVED AS TO FORM:

ALESHIRE & WYNDER, LLP

By: _____
Fred Galante, City Attorney

ATTACHMENT NO. 1

LEGAL DESCRIPTION OF SITE

That certain real property in the City of Cypress, County of Orange, State of California legally described as follows:

ALL THAT CERTAIN LAND SITUATED IN THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SECTION 16, TOWNSHIP 4 SOUTH, RANGE 11 WEST, IN THE RANCHO LOS COYOTES, IN THE CITY OF CYPRESS, COUNTY OF ORANGE, STATE OF CALIFORNIA, AS SHOWN ON A MAP RECORDED IN BOOK 51, PAGE 11 OF MISCELLANEOUS MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY, DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHEAST CORNER OF THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION 16; THENCE SOUTH 582.84 FEET ALONG THE EAST LINE OF SAID NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SECTION 16 TO THE NORTHEASTERLY LINE OF THE PACIFIC ELECTRIC RAILWAY COMPANY'S 100 FOOT RIGHT OF WAY; THENCE NORTHWESTERLY 125.22 FEET ALONG SAID RIGHT OF WAY TO A LINE PARALLEL WITH AND WESTERLY 100 FEET FROM SAID EAST LINE OF THE NORTHEAST QUARTER OF THE NORTHWEST QUARTER OF SAID SECTION; THENCE NORTH 467.80 FEET ALONG SAID PARALLEL LINE TO THE NORTH LINE OF SAID SECTION 16; THENCE EAST 100 FEET ALONG SAID NORTH LINE TO THE POINT OF BEGINNING.

EXCEPT THE NORTH 66 FEET THEREON GRANTED TO THE STATE OF CALIFORNIA BY DEED RECORDED AUGUST 28, 1956 IN BOOK 3625, PAGE 548 OF OFFICIAL RECORDS.

APN: 244-472-09

ATTACHMENT NO. 1-A

SITE MAP



ATTACHMENT NO. 2
SCOPE OF DEVELOPMENT

The term "**Project**" shall mean improvements required to be constructed by Buyer on the Site including, but not limited to, the construction of buildings, glass and concrete work, landscaping, parking areas, and related improvements.

The acquisition and development costs for the Project shall be obtained by Buyer from a variety of sources.

ATTACHMENT NO. 3

SCHEDULE OF PERFORMANCE

	Item To Be Performed	Time for Performance
1.	Buyer executes and delivers 3 copies to City of the Sale Agreement and Escrow instructions to which this Exhibit is Attached ("**Sale Agreement**")	Prior to scheduled City Council meeting to consider the Sale Agreement.
2.	City Council approves or disapproves Sale Agreement. If approved, the date of such approval is "**Effective Date.**"	Within 30 days after execution by Buyer of Sale Agreement and delivery to City per Item 1
3.	Parties shall open Escrow by delivering fully executed copies of the Sale Agreement to Escrow Agent with Buyer delivering the Deposit to Escrow Agent ("**Opening of Escrow**")	Within 10 days after the Effective Date
4.	City delivers Preliminary Title Report to Buyer	Within10 days after Opening of Escrow
5.	Buyer approves or disapproves title exceptions	Within 45 days after delivery of Preliminary Title Report to Buyer
6.	City delivers notice to Buyer as to whether it will cure disapproved exceptions	Within 15 days after receipt of Buyer's notice of disapproved exceptions
7.	Buyer presents conceptual architectural drawings to City	Within 30 days following the Effective Date.
8.	Buyer submits Marketing Plan for the Affordable Units to City	Within 6 months following Effective Date.
9.	City approves or disapproves all entitlements for the Site including, without limitation, Conditional Use Permit, grading permit ready to issue and Tentative Tract Map with conditions of approval and grading permit ("**Entitlements**").	Within 90 days following the date when Buyer's application for the Entitlements is deemed complete.
10.	Escrow Agent gives notice of fees, charges, and costs to close Escrow	One (1) week prior to the Closing Date
11.	Deposits into Escrow by City:	All no later than 11 a.m. on Closing Date
	a) Executed Deed	

	Item To Be Performed	Time for Performance
	b) Estoppel Certificate	
	c) Payment of City's share of Escrow Costs.	
	d) Taxpayer ID Certificate	
	e) FIRPTA Certificate	
	f) Two (2) copies of the Regulatory Agreement	
	g) Owners Affidavit on Title Company Form	
12.	Deposits into Escrow by Buyer or on behalf of Buyer:	All no later than 11 a.m. on Closing Date
	a) Note	
	b) Deed of Trust	
	c) Estoppel Certificate	
	d) Regulatory Agreement	
	e) Acceptance of Grant Deed	
	f) Payment of Buyer's Share of Escrow Costs	
	g) Certificates evidencing insurance	
	h) PCOR	
13.	Closing Date	Ten (10) days following final City approval of all Entitlements and the expiration of all applicable appeal and challenge periods with no appeal or challenge having been filed or if filed resolved in favor of such approved entitlements.
14.	Buyer to submit building plans for Plan Check. Buyer responsible for payment of applicable fees.	Within 120 days following the Closing.
15.	Buyer commences construction of the Project (meaning commencement of grading of the Site)	Within 90 days following receipt of building permits.
16.	Project Completion.	Within 36 months from Closing.

	Item To Be Performed	Time for Performance
17.	Buyer completes sale of Affordable Units pursuant to the Approved Marketing Program	Not later than 6 months after completion of construction of the Project

Except as otherwise provided in this Schedule of Performance, all capitalized words and phrases used in this Schedule of Performance shall have the same meanings given them in the Sale Agreement. It is understood that the foregoing Schedule of Performance is subject to all of the terms and conditions set forth in the Sale Agreement. The summary of the items of performance in this Schedule of Performance is not intended to supersede or modify the more complete description in the text; in the event of any conflict or inconsistency between this Schedule of Performance and the text of the Sale Agreement, the text shall govern.

The time periods set forth in this Schedule of Performance are subject to Enforced Delay and may be altered or amended only by written agreement signed by both Buyer and City. A failure by either party to enforce a breach of any particular time provision shall not be construed as a waiver of any other time provision. City Manager shall has the ability to approve extensions of time without City Council action not to exceed a cumulative total of one hundred eighty (180) days as provided in Section 903 of the Sale Agreement.

ATTACHMENT NO. 4

GRANT DEED

FREE RECORDING REQUESTED BY AND
AFTER RECORDATION RETURN TO:

CITY OF CYPRESS
5275 Orange Ave
Cypress CA 90630
Attn: City Manager

APN 244-472-09 (Space Above This Line For Recorder's Office Use Only)

GRANT DEED

For valuable consideration, the receipt of which is hereby acknowledged, CITY OF CYPRESS, a California municipal corporation ("**Grantor**") hereby grants to _____ ("**Grantee**"), the real property legally described in Exhibit "A" attached hereto and incorporated herein by this reference ("**Site**"). As consideration for this conveyance, the Grantee covenants by and for itself and any successors in interest for the benefit of Grantor, as follows:

1. Sale Agreement. The Site is conveyed pursuant to that certain Sale Agreement and Escrow Instructions entered into between and between Grantor and Grantee dated _____, 2024 ("**Sale Agreement**"). Grantee covenants and agrees for itself and its successors and assigns to use, operate and maintain the Site in accordance with the Sale Agreement so long as it is in effect and in accordance with its terms and this Deed. In the event of any conflict between this Grant Deed and the Sale Agreement, the provisions of the Sale Agreement shall control.

2. Regulatory Agreement. Grantee covenants and agrees for itself and its successors and assigns to its interest in the Site that it shall abide by all of the terms listed in that certain Regulatory Agreement and Declaration of Covenants and Restrictions between Grantor and Grantee dated and recorded concurrently with this Grant Deed ("**Regulatory Agreement**") for so long as the Regulatory Agreement is in effect in accordance with its terms.

3. Use of Site. Grantee covenants that Grantee may only use the Site for residential purposes as consistent with the time period and other terms, covenants and conditions set forth in the Sale Agreement and the Regulatory Agreement, by which Grantee has agreed to be bound for so long as the Regulatory Agreement is in effect according to its terms.

4. Encumbrances Prohibited. Prior to Project Completion as provided in the Sale Agreement, Grantee shall not place or suffer to be placed on the Site any lien or encumbrance other than mortgages, deeds of trust, sales and leases back or any other form of conveyance required for financing of the acquisition of the Site, the construction of

improvements on the Site, and any other expenditures necessary and appropriate to develop the Site, except as specifically provided in the Sale Agreement and attachments thereto.

5. Non-Discrimination. Grantee covenants that except for the tenancy/occupancy restrictions not prohibited by federal law as embodied in the Sale Agreement and Regulatory Agreement, there shall be no discrimination against, or segregation of, any persons, or group of persons, on account of race, color, creed, religion, sex, marital status, national origin or ancestry in the rental, sale, lease, sublease, transfer, use, occupancy, or enjoyment of the Site, or any portion thereof, nor shall Grantee, or any person claiming under or through Grantee, establish or permit any such practice or practices of discrimination or segregation with references to the selection, location, number, use or occupancy of tenants, lessees, subtenants, sublessees or vendees of the Site or any portion thereof. The nondiscrimination and non-segregation covenants contained herein shall remain in effect in perpetuity.

6. Form of Nondiscrimination Clauses in Agreements. Subject to the tenancy/occupancy restrictions not prohibited by federal law as embodied in the Sale Agreement, which may modify the following nondiscrimination clauses, the following shall apply: Grantee shall refrain from restricting the rental, sale, or lease of any portion of the Site on the basis of race, color, creed, religion, sex, marital status, age, physical or mental disability, ancestry, or national origin of any person. All such deeds, leases, or contracts shall contain or be subject to substantially the following nondiscrimination or non-segregation clauses:

a. Deeds: In deeds the following language shall appear: "The grantee herein covenants by and for itself, its heirs, executors, administrators, and assigns, and all persons claiming under or through them, that there shall be no discrimination against or segregation of any person or group of persons on account of race, color, creed, religion, sex, marital status, age, physical or mental disability, ancestry, or national origin in the sale, lease, rental, sublease, transfer, use, occupancy, tenure, or enjoyment of the land herein conveyed, nor shall the grantee itself, or any persons claiming under or through it, establish or permit any such practice or practices of discrimination or segregation with reference to the selection, location, number, use, or occupancy of tenants, lessees, subtenants, sublessees, or vendees in the land herein conveyed. The foregoing covenants shall run with the land."

b. Leases: In leases the following language shall appear: "The lessee herein covenants by and for itself, its heirs, executors, administrators, successors, and assigns, and all persons claiming under or through them, and this lease is made and accepted upon and subject to the following conditions:

"That there shall be no discrimination against or segregation of any person or group of persons on account of race, color, creed, religion, sex, marital status, age, physical or mental disability, ancestry, or national origin in the leasing, subleasing, renting, transferring, use, occupancy, tenure, or enjoyment of the land herein leased nor shall the lessee itself, or any person claiming under or through it, establish or permit any such practice or practices of discrimination or segregation with reference to the selection, location, number, use, or occupancy of tenants, lessees, sublessees, subtenants, or vendees in the land herein leased."

c. Contracts: In contracts the following language shall appear: "There shall be no discrimination against or segregation of any person or group of persons on account of race, color, creed, religion, sex, marital status, age, physical or mental disability, ancestry, or national origin in the sale, lease, rental, sublease, transfer, use, occupancy, tenure, or

enjoyment of the land, nor shall the transferee itself, or any person claiming under or through it, establish or permit any such practice or practices of discrimination or segregation with reference to the selection, location, number, use, or occupancy of tenants, lessees, subtenants, sublessees, or vendees of the land."

The foregoing covenants shall remain in effect in perpetuity.

7. Mortgage Protection. No violation or breach of the covenants, conditions, restrictions, provisions or limitations contained in this Grant Deed shall defeat or render invalid or in any way impair the lien or charge of any mortgage, deed of trust or other financing or security instrument permitted by the Sale Agreement; provided, however, that any successor of Grantee to the Site shall be bound by such remaining covenants, conditions, restrictions, limitations and provisions, whether such successor's title was acquired by foreclosure, deed in lieu of foreclosure, trustee's sale or otherwise.

8. Covenants to Run With the Land. The covenants contained in this Deed shall be construed as covenants running with the land and not as conditions which might result in forfeiture of title, and shall be binding upon Grantee, its heirs, successors and assigns to the Site, whether their interest shall be fee, easement, leasehold, beneficial or otherwise.

IN WITNESS WHEREOF, Grantor has caused this Grant Deed to be executed on its behalf by its respective officers duly authorized, this _____ day of _____, 202__.

GRANTOR:

CITY OF CYPRESS,
a California municipal agency

By: Not to be executed until Closing
Scott Minikus, Mayor

Date: _____, 2024

ATTEST:

By: Not to be executed until Closing
Alisha Farnell, City Clerk

APPROVED AS TO FORM:

ALESHIRE & WYNDER, LLP

By: Not to be executed until Closing
Fred Galante, City Attorney

ACCEPTANCE OF GRANT DEED

By its acceptance of this Grant Deed, Grantee hereby agrees as follows:

1. Grantee expressly understands and agrees that the terms of the Grant Deed shall be deemed to be covenants running with the land and shall apply to all of the Grantee's successors and assigns.

2. The provisions of this Grant Deed are hereby approved and accepted.

GRANTEE:

_____

By: _____

Its: Managing Member

By: _____

By: _____

Name: _____

Title: _____

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy or validity of that document.

STATE OF CALIFORNIA)
) ss.
COUNTY OF _____)

On _____, 202__ before me, _____, a notary public, personally appeared _____ who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s) or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

_____
Notary Public

SEAL:

EXHIBIT A

LEGAL DESCRIPTION OF SITE

That certain real property in the City of Cypress, County of Orange, State of California legally described as follows:

ALL THAT CERTAIN LAND SITUATED IN THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SECTION 16, TOWNSHIP 4 SOUTH, RANGE 11 WEST, IN THE RANCHO LOS COYOTES, IN THE CITY OF CYPRESS, COUNTY OF ORANGE, STATE OF CALIFORNIA, AS SHOWN ON A MAP RECORDED IN BOOK 51, PAGE 11 OF MISCELLANEOUS MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY, DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHEAST CORNER OF THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION 16; THENCE SOUTH 582.84 FEET ALONG THE EAST LINE OF SAID NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SECTION 16 TO THE NORTHEASTERLY LINE OF THE PACIFIC ELECTRIC RAILWAY COMPANY'S 100 FOOT RIGHT OF WAY; THENCE NORTHWESTERLY 125.22 FEET ALONG SAID RIGHT OF WAY TO A LINE PARALLEL WITH AND WESTERLY 100 FEET FROM SAID EAST LINE OF THE NORTHEAST QUARTER OF THE NORTHWEST QUARTER OF SAID SECTION; THENCE NORTH 467.80 FEET ALONG SAID PARALLEL LINE TO THE NORTH LINE OF SAID SECTION 16; THENCE EAST 100 FEET ALONG SAID NORTH LINE TO THE POINT OF BEGINNING.

EXCEPT THE NORTH 66 FEET THEREON GRANTED TO THE STATE OF CALIFORNIA BY DEED RECORDED AUGUST 28, 1956 IN BOOK 3625, PAGE 548 OF OFFICIAL RECORDS.

APN: 244-472-09

ATTACHMENT NO. 5

PROMISSORY NOTE SECURED BY DEED OF TRUST

$ 1,629,000 ("**Loan Amount**") _____, 2024 ("**Note Date**")

FOR VALUE RECEIVED, OLSON URBAN HOUSING LLC, a Delaware limited liability company ("**Maker**") hereby promises to pay to the order of the CITY OF CYPRESS, a municipal corporation or order ("**Holder**" or "**City**") at a place designated by Holder, the principal sum of One Million Six Hundred Twenty-Nine Thousand Dollars ($1,629,000) ("**Note Amount**"), plus accrued interest (as specified below), or such lesser amount which shall from time to time be owing hereunder pursuant to the terms hereof.

Pursuant to the Sale Agreement (as defined below), Maker acquired the "**Property**" (as defined in the Sale Agreement). This Note represents the purchase price for the Property.

This Note is secured by that certain Purchase Money Deed of Trust with Assignment of Rents, Security Agreement and Fixture Filing of even date herewith made by and among Maker as trustor, Holder as beneficiary, and Fidelity National Title Insurance Company as trustee, and recorded concurrently with the recordation of the Grant Deed ("**Trust Deed**").

Reference is also made to the following additional agreements and documents involving Maker and Holder pertaining to the Property:

i. The Grant Deed executed by Holder conveying the Property to Maker which is recorded concurrently with the recordation of the Trust Deed securing this Note and which includes continuing covenants ("**Grant Deed**").

ii. The Regulatory Agreement and Declaration of Covenants and Restrictions executed by Holder (as City) and Maker (as Owner) which was recorded concurrently with the recordation of the Trust Deed securing this Note and which includes continuing covenants ("**Regulatory Agreement**").

iii. That certain Sale Agreement and Escrow executed by and between Holder (as City) and Maker (as Developer) for the sale of the Property to Maker and its development by Maker ("Sale Agreement").

The documents listed in subparagraphs (i), (ii) and (iii) above are referred to herein collectively as the "**City Agreements**" and individually as a "**City Agreement**." The City Agreements are incorporated herein as though fully set forth. However, the City Agreements are NOT secured by the Trust Deed.

1. **Defined Terms.** Except as otherwise provided herein, the defined terms used in this Note shall have the same meaning as set forth in the Sale Agreement.

2. **Purpose of Loan.** This Note is a purchase money carry-back obligation for the purchase price related to the sale of the Property in accordance with the Sale Agreement.

3. **Effective Date.** This Note shall be effective as of the date that the Trust Deed is recorded in the Official Records of Orange County against the Property ("**Effective Date**").

4. **Principal Amount.** The principal amount of this Note is One Million Six Hundred Twenty-Nine Thousand Dollars ($1,629,000) ("**Principal**").

5. **Interest.** Commencing as of the Effective Date, interest shall accrue on the principal at the rate of four percent (4%) per annum simple interest until paid in full.

6. **Payments; Forgiveness.**

    a. **Principal Payment.** The amount of One Million Six Hundred Twenty-Nine Thousand Dollars ($1,629,000), plus all interest accrued thereon, shall be paid to Holder concurrently with the sale of each of the Affordable Units (as defined in the Sale Agreement). Should Maker fail to comply with the terms of the Regulatory Agreement to sell five (5) units to Qualified Purchasers, as described therein, the entire remaining principal balance plus any accrued interest shall be due and payable upon the first to occur of (i) one (1) year from the Project Completion; or (ii) thirty-six (36) months of the Effective Date (as defined in Section 3).

    b. **Late Charge.** If Maker shall fail to make any payment, including the final combined principal and interest installment, within ten (10) days after the date the same is due and payable, a late charge by way of damages shall be immediately due and payable. Maker recognizes that default by Maker in making the payments herein agreed to be paid when due will result in the City incurring additional expense in servicing the loan, in loss to the City of the use of the money due and in frustration to the City in meeting its other financial and loan commitments. Maker agrees that, if for any reason Maker fails to pay the amounts due under this Note when due, the City hereof shall be entitled to damages for the detriment caused thereby, but that it is extremely difficult and impractical to ascertain the extent of such damages. Maker therefore agree that a sum equal to five percent (5%) of each payment which becomes delinquent ("**Late Charge**") is a reasonable estimate of said damages to the City of this Note, which sum Maker agree to pay on demand. Prior to collecting any late charge hereunder, City shall comply with the provisions of California Civil Code Section 2954.5, as such section or any successor section may now or hereafter be in effect.

    c. **Default Interest Rate**. Upon the occurrence of a default under this Note, the interest rate shall thereafter be eight percent (8%) per annum.

7. **Prepayment.** Maker may prepay this Note, in whole or in part, at any time without penalty.

8. **Cross-Default.**

    a. **City Agreements**. A default by Maker under the terms and conditions of any City Agreements shall be a default under this Note.

    b. **Trust Deed**. A default by Maker under the terms and conditions of the Trust Deed is a default under this Note.

9. **Acceleration on Default.** In the event Maker is in default under this Note, Holder may, at its option, declare this Note and the entire obligations hereby evidenced immediately due and payable as Holder may elect.

10. **Acceleration on Transfer or Encumbrance of Property.** The Trust Deed contains the following provision: "Subject to the terms of Section 303 of the Sale Agreement, if Trustor sells, contracts to sell, gives an option to purchase, conveys, leases with an option to purchase, encumbers, or alienates the Property, or any interest in it, or, if Trustor sells, contracts to sell, gives an option to purchase, conveys, leases with an option to purchase, encumbers, or alienates the Property, or any interest in it, or suffers its title to, or any interest in, the Property to be divested, whether voluntarily or involuntarily; or if there is a sale or transfer of beneficial interests in Trustor equal to fifty percent (50%) or more of the beneficial ownership interests of that entity outstanding at the date of this Deed of Trust; or if Trustor changes or permits to be changed the character or use of the Property; or if title to such Property becomes subject to any lien or charge, voluntary or involuntary, contractual or statutory, without Beneficiary's prior written consent, then Beneficiary, at Beneficiary's option, may, without prior notice, declare all sums secured by this Deed of Trust, regardless of their stated due date(s), immediately due and payable and may exercise all rights and remedies in this Deed of Trust."

11. **Collection Costs; Attorneys' Fees.** If, because of a default under this Note, an attorney is engaged by Holder to enforce of defend any provision of this Note, whether or not suit is filed hereon, then Maker shall pay upon demand reasonable attorneys' fees, expert witness fees and all costs so incurred by Holder together with interest thereon until paid at the applicable rate of interest payable hereunder, as if such fees and costs had been added to the principal owing hereunder.

12. **Waivers by Maker.** Maker and any and all endorsers, guarantors and persons liable or to become liable on this Note waive presentment, protest and demand, notice of protest, demand and dishonor and nonpayment of this Note.

13. **Severability.** The unenforceability or invalidity of any provision or provisions of this Note as to any persons or circumstances shall not render that provision or those provisions unenforceable or invalid as to any other provisions or circumstances, and all provisions hereof, in all other respects, shall remain valid and enforceable.

14. **Modifications.** Neither this Note nor any term hereof may be waived, amended, discharged, modified, changed or terminated orally; nor shall any waiver of any provision hereof be effective except by an instrument in writing signed by Maker and Holder.

15. **No Waiver by Holder.** No waiver of any breach, default or failure of condition under the terms of this Note shall be implied from any failure of the Holder of this Note to take, or any delay be implied from any failure by the Holder in taking action with respect to such breach, default or failure from any prior waiver of any similar or unrelated breach, default or failure.

16. **Usury.** Notwithstanding any provision in this Note, the total liability for payment in the nature of interest shall not exceed the limit imposed by applicable laws of the State of California.

17. **Governing Law.** This Note has been executed and delivered by Maker in the State of California and is to be governed and construed in accordance with the laws thereof.

18. **Time of Essence.** Time is of the essence in the performance of the obligations and provisions set forth in this Note.

19. **Notices.** All notices, demands, requests, elections, approvals, disapprovals, consents or other communications given under this Note shall be in writing and shall be given by personal delivery, certified mail, return receipt requested, or overnight guaranteed delivery service and addressed as follows:

Holder:	City of Cypress 5275 Orange Ave. Cypress CA 90630 Attn: City Manager
Copy to:	Aleshire & Wynder, LLP 1 Park Plaza, Suite 1000 Irvine, CA 92614 Attn: Fred Galante, Esq.
Maker:	Olson Urban Housing, LLC 3010 Old Ranch Parkway, Suite 100 Seal Beach, CA 90740 Attn: _____

Notices shall be effective upon the earlier of receipt or refusal of delivery. Each party shall promptly notify the other party of any change(s) of address to which notice shall be sent pursuant to this Note.

IN WITNESS WHEREOF, Maker has executed this Note as of the Note Date.

MAKER:

_____

By: Not to be executed until Closing _____

____

By: Not to be executed until Closing _____

_____

ATTACHMENT NO. 6

DEED OF TRUST

RECORDING REQUESTED BY AND
WHEN RECORDED MAIL TO:

CITY OF CYPRESS
5275 Orange Ave
Cypress CA 90630
Attn: City Manager

APN 244-472-09

(Space Above This Line For Recorder's Office Use Only)
EXEMPT FROM RECORDING FEE PER GOV. CODE § 6103

DEED OF TRUST WITH ASSIGNMENT OF RENTS, SECURITY AGREEMENT AND FIXTURE FILING

NOTE: RIDER ATTACHED TO THIS DEED OF TRUST ("**RIDER**") CONTAINS ADDITIONAL TERMS INCLUDING SECURITY AGREEMENT AND FIXTURE FILING.

This DEED OF TRUST WITH ASSIGNMENT OF RENTS, SECURITY AGREEMENT AND FIXTURE FILING ("**Deed of Trust**"), is made _____, 2024, between _____ ("**TRUSTOR")**, whose address is 3010 Old Ranch Parkway, Suite 100, Seal Beach, CA 90740, in favor of CITY of CYPRESS, a California municipal corporation ("**BENEFICIARY")**, and FIRST AMERICAN TITLE COMPANY, a corporation ("**TRUSTEE").**

WITNESSETH: That Trustor grants to Trustee in trust, with power of sale, Trustor's estate in that real property in City of Cypress, County of Orange, State of California, described as set forth on EXHIBIT "A" attached hereto ("**Property**") together with the rents, issues and profits thereof, subject, however, to the right, power and City hereinafter given to and conferred upon Beneficiary to collect and apply such rents, issues and profits for the purpose of securing (1) payment of the sum of One Million Six Hundred Twenty-Nine Thousand Dollars ($1,629,000) with interest thereon according to the terms of that certain Promissory Note Secured by Deed of Trust of even date herewith made by Trustor, payable to order of Beneficiary, and extensions or renewals thereof; (2) the performance of each agreement of Trustor incorporated by reference or contained herein; (3) payment of additional sums and interest thereon which may hereafter be loaned to Trustor, or its successors or assigns, when evidenced by a promissory note or notes reciting that they are secured by this Deed of Trust; and (4) all additional obligations specified in the Rider.

To protect the security of this Deed of Trust, and with respect to the Property above described, Trustor expressly makes each and all of the agreements, and adopts and agrees to perform and be bound by each and all of the terms and provisions set forth in subdivision A, and it is mutually agreed that each and all of the terms and provisions set forth in subdivision B of the fictitious deed of trust recorded in Orange County August 17, 1964, and in all other counties August 18, 1964, in the book and at the page of Official Records in the office of the county recorder of the county where said property is located, noted below opposite the name of such county, namely:

COUNTY	BOOK	PAGE	COUNTY	BOOK	PAGE	COUNTY	BOOK	PAGE	COUNTY	BOOK	PAGE
Alameda	1288	556	Kings	858	713	Placer	1028	379	Sierra	38	187
Alpine	3	130-31	Lake	437	110	Plumas	166	1307	Siskiyou	506	762
Amador	133	438	Lassen	192	367	Riverside	3778	347	Solano	1287	621
Butte	1330	513	Orange	T-3878	874	Sacramento	5039	124	Sonoma	2067	427
Calaveras	185	338	Madera	911	136	San Benito	300	405	Stanislaus	1970	56
Colusa	323	391	Marin	1849	122	San Bernardino	6213	768	Orange	655	585
Contra Costa	4684	1	Mariposa	90	453	San Francisco	A-804	596	Tehama	457	183
Del Norte	101	549	Mendocino	667	99	San Joaquin	2855	283	Trinity	108	595
El Dorado	704	635	Merced	1660	753	San Luis Obispo	1311	137	Tulare	2530	108
Fresno	5052	623	Modoc	191	93	San Mateo	4778	175	Tuolumne	177	160
Glenn	469	76	Mono	69	302	Santa Barbara	2065	881	Ventura	2607	237
Humboldt	801	83	Monterey	357	239	Santa Clara	6626	664	Yolo	769	16
Imperial	1189	701	Napa	704	742	Santa Cruz	1638	607	Cypress	398	693
Inyo	165	672	Nevada	363	94	Shasta	800	633			
Kern	3756	690	Orange	7182	18	San Diego	SERIES 5 Book 1964, Page 149774				

shall inure to and bind the parties hereto, with respect to the property above described. Said agreements, terms and provisions contained in said subdivisions A and B (identical in all counties, and printed on pages 3 and 4 hereof) are by the within reference thereto, incorporated herein and made a part of this Deed of Trust for all purposes as fully as if set forth at length herein, and Beneficiary may charge for a statement regarding the obligation secured hereby, provided the charge therefor does not exceed the maximum allowed by law.

The undersigned Trustor, requests that a copy of any notice of default and any notice of sale hereunder be mailed to him at his address hereinbefore set forth.

MAKER:

_____a
Delaware limited liability corporation

By: Not to be executed until Closing
_____
___

By: Not to be executed until Closing
_____
_____

[ACKNOWLEDGMENT FORMS AT END OF RIDER]

DO NOT RECORD

The following is a copy of Subdivisions A and B of the fictitious Deed of Trust recorded in each county in California as stated in the foregoing Deed of Trust and incorporated by reference in said Deed of Trust as being a part thereof as if set forth at length therein.

A. To protect the security of this Deed of Trust, Trustor agrees:

1) To keep said property in good condition and repair, not to remove or demolish any building thereon; to complete or restore promptly and in a good and workmanlike manner any building which may be constructed, damaged or destroyed thereon and to pay when due all claims for labor performed and materials furnished therefor, to comply with all laws affecting said property or requiring any alterations or improvements to be made thereon; not to commit or permit waste thereof; not to commit, suffer or permit any act upon said property in violation of law; to cultivate, irrigate, fertilize, fumigate, prune and do all other acts which from the character or use of said property may be reasonably necessary, the specific enumerations herein not excluding the general.

2) To provide, maintain and deliver to Beneficiary fire insurance satisfactory to and with loss payable to Beneficiary. The amount collected under any fire or other insurance policy may be applied by Beneficiary upon any indebtedness secured hereby and in such order as Beneficiary may determine, or at the option of Beneficiary the entire amount so collected or any part thereof may be released to Trustor. Such application or release shall not cure or waive any default or notice of default hereunder or invalidate any act done pursuant to such notice.

3) To appear in and defend any action or proceeding purporting to affect the security hereof or the rights or powers of Beneficiary or Trustee; and to pay all costs and expenses, including cost of evidence of title and attorney's fees in a reasonable sum, in any such action or proceeding in which Beneficiary or Trustee may appear, and in any suit brought by Beneficiary to foreclose this Deed.

4) To pay: at least ten (10) days before delinquency all taxes and assessments affecting said property, including assessments on appurtenant water stock; when due, all encumbrances, charges and liens, with interest, on said property or any part thereof, which appear to be prior or superior hereto; all costs, fees and expenses of this Trust.

Should Trustor fail to make any payment or to do any act as herein provided, then Beneficiary of Trustee, but without obligation so to do and without notice to or demand upon Trustor and without releasing Trustor from any obligation hereof, may: make or do the same is such manner and to such extent as either may deem necessary to protect the security hereof, Beneficiary or Trustee being authorized to enter upon said property for such purposes; appear in and defend any action or proceeding purporting to affect the security hereof or the rights or powers of Beneficiary or Trustee; pay, purchase, contest or compromise any encumbrance, charge or lien which in the judgment of either appears to be prior or superior hereto; and, in exercising any such powers, pay necessary expenses, employ counsel and pay his reasonable fees.

5) To pay immediately and without demand all sums so expended by Beneficiary or Trustee, with interest from the date of expenditure at the amount allowed by law in effect at the date hereof, and to pay for any statement provided for by law in effect at the date hereof regarding the obligation secured hereby any amount demanded by the Beneficiary not to exceed the maximum allowed by law at the time when said statement is demanded.

B. It is mutually agreed:

1) That any award in connection with any condemnation for public use of or injury to said property or any part thereof is hereby assigned and shall be paid to Beneficiary who may apply or release such moneys received by him in the same manner and with the same effect as above provided for disposition of proceeds of fire or other insurance.

2) That by accepting payment of any sum secured hereby after its due date, Beneficiary does not waive his right either to require prompt payment when due of all other sums so secured or to declare default for failure so to pay.

3) That at any time or from time to time, without liability therefor and without notice, upon written request of Beneficiary and presentation of this Deed and said note for endorsement, and without affecting the personal liability of any person for payment of the indebtedness secured hereby, Trustee may: reconvey any part of said property; consent to the making of any map or plat thereof; join in granting any easement thereon, or join in any extension agreement or any agreement subordinating the lien or charge hereof.

4) That upon written request of Beneficiary stating that all sums secured hereby have been paid, and upon surrender of this Deed and said note to Trustee for cancellation and retention or other disposition as Trustee in its sole discretion may choose and upon payment of its fees, Trustee shall reconvey, without warranty, the property then held hereunder. The recitals in such reconveyance of any matters or facts shall be conclusive proof of the truthfulness thereof. The Grantee in such reconveyance may be described as “the person or persons legally entitled thereto.”

5) That as additional security, Trustor hereby gives to and confers upon Beneficiary the right, power and City, during the continuance of these Trusts, to collect the rents, issues and profits of said property, reserving unto Trustor the right, prior to any default by Trustor in payment of any indebtedness secured hereby or in the performance of any agreement hereunder, to collect and retain such rents, issues and profits as they become due and payable. Upon any such default, Beneficiary may at any time without notice, either in person, by agent, or be a receiver to be appointed by a court, and without regard to the adequacy of any security for the indebtedness hereby secured, enter upon and take possession of said property or any part thereof, in his own name sue for or otherwise collect such rents, issues, and profits, including those past due and unpaid, and apply the same, less costs and expenses of operation and collection, including reasonable attorney’s fees, upon any indebtedness secured hereby, and in such order as Beneficiary may determine. The entering upon and taking possession of said property, the collecting of such rents, issues and profits and the application thereof as aforesaid, shall not cure or waive any default or notice of default hereunder or invalidate any act done pursuant to such notice.

6) That upon default by Trustor in payment of any indebtedness secured hereby or in the performance of any agreement hereunder, Beneficiary may declare all sums secured hereby immediately due and payable by delivery to Trustee of written declaration of default and demand for sale and of written notice of default and of election to cause to be sold said property, which notice Trustee shall cause to be filed for record. Beneficiary also shall deposit with Trustee this Deed, said note and all documents evidencing expenditures secured hereby.

After the lapse of such time as may then be required by law following the recordation of said notice of default, and notice of sale having been given as then required by law, Trustee, without demand on Trustor, shall sell said property at the time and place fixed by it in said notice of sale, either as a whole or in separate parcels, and in such order as it may

determine, at public auction to the highest bidder for cash in lawful money of the United States, payable at time of sale. Trustee may postpone sale of all or any portion of said property by public announcement at such time and place of sale, and from time to time thereafter may postpone such sale by public announcement at the time fixed by the preceding postponement. Trustee shall deliver to such purchaser its deed conveying the property so sold, but without any covenant or warranty, express or implied. The recitals in such deed of any matters or facts shall be conclusive proof of the truthfulness thereof. Any person, including Trustor, Trustee, or Beneficiary as hereinafter defined, may purchase at such sale.

After deducting all costs, fees and expenses of Trustee and of this Trust, including cost of evidence of title in connection with sale, Trustee shall apply the proceeds of sale to payment of: all sums expended under the terms hereof, not then repaid, with accrued interest at the amount allowed by law in effect at the date hereof; all other sums then secured hereby; and the remainder, if any, to the person or persons legally entitled thereto.

7) Beneficiary, or any successor in ownership of any indebtedness secured hereby, may from time to time, by instrument in writing, substitute a successor or successors to any Trustee named herein or acting hereunder, which instrument, executed by the Beneficiary and duly acknowledged and recorded in the office of the recorder of the county or counties where said property is situated shall be conclusive proof of proper substitution of such successor Trustee or Trustees, who shall, without conveyance from the Trustee predecessor, succeed to all its title, estate, rights, powers and duties. Said instrument must contain the name of the original Trustor, Trustee and Beneficiary hereunder, the book and page where this Deed is recorded and the name and address of the new Trustee.

8) That this Deed applies to, inures to the benefit of, and binds all parties hereto, their heirs, legatees, devisees, administrators, executors, successors and assigns. The term Beneficiary shall mean the owner and holder, including pledges, of the note secured hereby, whether or not named as Beneficiary herein. In this Deed, whenever the context so requires, the masculine gender includes the feminine and/or neuter, and the singular number includes the plural.

9) That Trustee accepts this Trust when this Deed, duly executed and acknowledged, is made a public record as provided by law. Trustee is not obligated to notify any party hereto of pending sale under any other Deed of Trust or of any action or proceeding in which Trustor, Beneficiary or Trustee shall be a party unless brought by Trustee.

DO NOT RECORD

REQUEST FOR FULL RECONVEYANCE

TO FIRST AMERICAN TITLE COMPANY, TRUSTEE:

The undersigned is the legal owner and holder of the note or notes and of all indebtedness secured by the foregoing Deed of Trust. Said note or notes, together with all other indebtedness secured by said Deed of Trust, have been fully paid and satisfied; and you are hereby requested and directed, on payment to you of any sums owing to you under the terms of said Deed of Trust, to cancel said note or notes above mentioned, an all other evidences of indebtedness secured by said Deed of Trust delivered to you herewith, together with the said Deed of Trust, and to reconvey, without warranty, to the parties designated by the terms of said Deed of Trust, all the estate now held by you under the same.

Dated _____

_____

_____

Please mail Deed of Trust,
Note and Reconveyance to _____

Do Not lose or destroy this Deed of Trust OR THE NOTE which it secures. Both must be delivered to the Trustee for cancellation before reconveyance will be made.

RIDER TO DEED OF TRUST WITH ASSIGNMENT OF RENTS, SECURITY AGREEMENT AND FIXTURE FILING

THIS RIDER TO DEED OF TRUST WITH ASSIGNMENT OF RENTS, SECURITY AGREEMENT AND FIXTURE FILING ("**Rider**") is executed this _____ day of _____, 2024, by _____ ("**Trustor**") in favor of the CITY OF CYPRESS, a California municipal corporation ("**Beneficiary"),** the same parties to that certain "Deed of Trust With Assignment of Rents, Security Agreement and Fixture Filing" of even date herewith to which this Rider is attached. This Rider is made a part of and is incorporated into said Deed of Trust. This Rider shall supersede any conflicting term or provision of the form Deed of Trust to which it is attached.

Reference is made to the following agreements and documents: (i) that certain Promissory Note Secured by Deed of Trust made by Trustor as "maker" in favor of Beneficiary as "holder" of even date herewith, the repayment of which by Trustor is secured by this Deed of Trust ("**Note**"); (ii) that certain Grant Deed from City as grantor to Trustor as grantee recorded concurrently ("**Grant Deed**"); (iii) that certain Sale Agreement and Escrow Instructions by and between Trustor as "City" and Beneficiary as "Developer" dated _____, 2024, providing for Trustor's acquisition and development of the Property (also referred to therein as the Site) ("**Sale Agreement**"); and (iv) that certain Regulatory Agreement and Declaration of Covenants and Restrictions dated _____, 2024, by and between Trustor as "Owner" and Beneficiary as "City," providing for the use, operation, and maintenance of the Property ("**Regulatory Agreement**").

The parties hereto agree:

1. <u>Property</u>. The estate subject to this Deed of Trust is Trustor's fee estate in the real property legally described in the Deed of Trust ("**Property**"). In addition, Trustor grants to beneficiary a security interest in all of Trustor's rights, title, and interest in and to the following:

(a) All present and future inventory and equipment, as those terms are defined in the California Commercial Code, and all other present and future personal property of any kind or nature whatsoever, now or hereafter located at, upon or about the Property or used or to be used in connection with or relating or arising with respect to the Property and/or the use thereof or any improvements thereto, including without limitation all present and future furniture, furnishings, fixtures, goods, tools, machinery, plumbing and plumbing material and supplies, concrete, lumber, hardware, electrical wiring and electrical material and supplies, heating and air conditioning material and supplies, roofing material and supplies, window material and supplies, doors, paint, drywall, insulation, cabinets, ceramic material and supplies, flooring, carpeting, appliances, fencing, landscaping and all other materials, supplies and property of every kind and nature.

(b) All present and future accounts, general intangibles, chattel paper, contract rights, deposit accounts, instruments and documents as those terms are

defined in the California Commercial Code, now or hereafter relating or arising with respect to the Property and/or the use thereof or any improvements thereto, including without limitation: (i) all rights to the payment of money, including escrow proceeds arising out of the sale or other disposition of all or any portion of the Property; (ii) all architectural, engineering, design and other plans, specifications and drawings relating to the development of the Property and/or any construction thereon; (iii) all use permits, occupancy permits, construction and building permits, and all other permits and approvals required by any governmental or quasi-governmental City in connection with the development, construction, use, occupancy or operation of the Property; (iv) any and all agreements relating to the development, construction, use, occupancy and/or operation of the Property between Trustor and any contractor, subcontractor, project manager or supervisor, architect, engineer, laborer or supplier of materials; (v) all lease, rental or occupancy agreements and payments received thereunder; (vi) all names under which the Property is now or hereafter known and all rights to carry on business under any such names or any variant thereof; (vii) all trademarks relating to the Property and/or the development, construction, use, occupancy or operation thereof; (viii) all goodwill relating to the Property and/or the development, construction, use, occupancy or operation thereof; (ix) all insurance proceeds and condemnation awards arising out of or incidental to the ownership, development, construction, use, occupancy or operation of the Property; (x) all reserves, deferred payments, deposits, refunds, cost savings, bonds, insurance policies and payments of any kind relating to the Property; (xi) all loan commitments issued to Trustor in connection with any sale or financing of the Property; (xii) all water stock, if any, relating to any Property and all shares of stock or other evidence of ownership of any part of or interest in any Property that is owned by Trustor in common with others; and (xiii) all supplements, modifications and amendments to the foregoing.

(c) All fixtures located upon or within the Property or now or hereafter attached to, installed in, or used or intended for use in connection with the Property, including without limitation any and all partitions, generators, screens, awnings, boilers, furnaces, pipes, plumbing, elevators, cleaning, call and sprinkler systems, fire extinguishing apparatus and equipment, water tanks, heating ventilating, air conditioning and air cooling equipment, and gas and electric machinery and equipment.

(d) All present and future accessories, additions, attachments, replacements and substitutions of or to any or all of the foregoing.

(e) All cash and noncash proceeds and products of any and all of the foregoing, including without limitation all monies, deposit accounts, insurance proceeds and other tangible or intangible property received upon a sale or other disposition of any of the foregoing.

2. <u>Obligations Secured</u>. Trustor makes this grant and assignment for the purpose of securing the following obligations ("**Secured Obligations**"):

(a) Payment to Beneficiary of all indebtedness at any time owing under the terms of the Note;

(b) Payment and performance of all obligations of Trustor under this Deed of Trust;

(c) Payment and performance of all future advances and other obligations of Trustor or any other person, firm, or entity with the approval of Trustor, may agree to pay and/or perform (whether as principal, surety or guarantor) for the benefit of Beneficiary, when the obligation is evidenced by a writing which recites that it is secured by this Deed of Trust; and

(d) All modifications, extensions and renewals of any of the obligations secured hereby, however evidenced.

The obligations under the Sale Agreement, the Grant Deed and the Regulatory Agreement are **NOT** secured by this Deed of Trust.

3. Obligations. The term "**obligations**" is used herein in its broadest and most comprehensive sense and shall be deemed to include, without limitation, all interest and charges, prepayment charges, late charges and fees at any time accruing or assessed on any of the Secured Obligations.

4. Incorporation. All terms of the Note and the Secured Obligations are incorporated herein by this reference. All persons who may have or acquire an interest in the Property shall be deemed to have notice of the terms of all of the foregoing documents.

5. Mortgagee-in-Possession. Neither the assignment of rents set forth in the Deed of Trust nor the exercise by Beneficiary of any of its rights or remedies hereunder shall be deemed to make Beneficiary a "mortgagee-in-possession" or otherwise liable in any manner with respect to the Property, unless Beneficiary, in person or by agent, assumes actual possession thereof. Nor shall appointment of a receiver for the Property by any court at the request of Beneficiary or by agreement with Trustor, or the entering into possession of the Property by such receiver, be deemed to make Beneficiary a "mortgagee-in-possession" or otherwise liable in any manner with respect to the Property.

6. No Cure. In the event Beneficiary collects and receives any rents under the Deed of Trust upon any default hereof, such collection or receipt shall in no way constitute a curing of the default.

7. Opportunity to Cure. Trustor's failure or delay to perform any term or provision of this Deed of Trust constitutes a default under this Deed of Trust; however, Trustor shall not be deemed to be in default if (i) Trustor cures, corrects, or remedies such default within thirty (30) days after receipt of a notice specifying such failure or delay, or (ii) for such defaults that cannot reasonably be cured, corrected, or remedied within thirty (30) days, if Trustor commences to cure, correct, or remedy such failure or delay within thirty (30) days after receipt of a written notice specifying such failure or delay, and diligently prosecutes such cure, correction or remedy to completion.

Beneficiary shall give written notice of default to Trustor, specifying the default complained of by Trustor. Copies of any notice of default given to Trustor shall also be delivered to any permitted lender. Beneficiary may not institute proceedings against Trustor until thirty (30) days after giving such notice or such longer period of time as may be provided herein. In no event shall Beneficiary be precluded from exercising remedies if its security becomes or is about to become materially jeopardized by any failure to cure a default or the default is not cured within sixty (60) days after the first notice of default is given.

Except as otherwise expressly provided in this Deed of Trust, any failure or delay in giving such notice or in asserting any of its rights and remedies as to any default shall not constitute a waiver of any default, nor shall it change the time of default, nor shall it deprive either party of its rights to institute and maintain any actions or proceedings which it may deem necessary to protect, assert or enforce any such rights or remedies.

In the event of any inconsistency in the terms of this Rider and the provisions set forth in the standard deed of trust recorded in the Recorder's Office of the County of Orange, the terms of this Rider shall control.

Notwithstanding anything to the contrary contained in this Deed of Trust, Beneficiary Lender hereby agrees that any cure of any default made or tendered by Trustor's limited partner shall be deemed to be a cure by Trustor and shall be accepted or rejected on the same basis as if made or tendered by Trustor.

8. Possession Upon Default. Subject to Section 7 above, upon the occurrence of a default, and after delivery of notice and the expiration of all applicable cure periods, Beneficiary may, at its option, without any action on its part being required and without in any way waiving such default, take possession of the Property and have, hold, manage, lease and operate the same, on such terms and for such period of time as Beneficiary may deem proper, and may collect and receive all rents and profits, with full power to make, from time to time, all alterations, renovations, repairs or replacements thereto as may seem proper to Beneficiary, and to apply such rents and profits to the payment of (a) the cost of all such alterations, renovations, repairs and replacements, and all costs and expenses incident to taking and retaining possession of the Property, and the management and operation thereof, and keeping the same properly insured; (b) all taxes, charges, claims, assessments, and any other liens which may be prior in lien or payment of the Note, and premiums for insurance, with interest on all such items; and (c) the indebtedness secured hereby, together with all costs and attorney's fees, in such order or priority as to any of such items as Beneficiary in its sole discretion may determine, any statute, law, custom or use to the contrary notwithstanding. Any amounts received by Beneficiary or its agents in the performance of any acts prohibited by the terms of this assignment, including, but not limited to, any amounts received in connection with any cancellation, modification or amendment of any lease prohibited by the terms of this assignment and any rents and profits received by Trustor after the occurrence of a default shall be held by Trustor as trustee for Beneficiary and all such amounts shall be accounted for to Beneficiary and shall not be commingled with other funds of the Trustor. Any person receiving any portion of such trust funds shall receive the same in trust for Beneficiary as if such person had actual or constructive notice that such funds were impressed with a trust in accordance therewith.

9. Receiver. In addition to any and all other remedies of Beneficiary set forth under this Deed of Trust or permitted at law or in equity, if a default shall have occurred, Beneficiary, to the extent permitted by law and without regard to the value, adequacy or occupancy of the security for the Note and other sums secured hereby, shall be entitled as a matter of right if it so elects to the appointment of a receiver to enter upon and take possession of the Property and to collect all rents and profits and apply the same as the court may direct, and such receiver may be appointed by any court of competent jurisdiction by ex parte application and without notice, notice of hearing being hereby expressly waived. The expenses, including receiver's fees, attorneys' fees, costs and agent's compensation, incurred pursuant to the power herein contained shall be secured by this Deed of Trust.

10. Acceleration. Subject to the terms in Section 303 of the Sale Agreement, if Trustor sells, contracts to sell, gives an option to purchase, conveys, leases with an option to purchase, encumbers, or alienates the Property, or any interest in it, or the Sale Agreement, if Trustor sells, contracts to sell, gives an option to purchase, conveys, leases with an option to purchase, encumbers, or alienates the Property, or any interest in it, or suffers its title to, or any interest in, the Property to be divested, whether voluntarily or involuntarily; or if there is a sale or transfer of beneficial interests in Trustor equal to fifty percent (50%) or more of the beneficial ownership interests of that entity outstanding at the date of this Deed of Trust; or if Trustor changes or permits to be changed the character or use of the Property; or if title to such Property becomes subject to any lien or charge, voluntary or involuntary, contractual or statutory, without Beneficiary's prior written consent, then Beneficiary, at Beneficiary's option, may, without prior notice, declare all sums secured by this Deed of Trust, regardless of their stated due date(s), immediately due and payable and may exercise all rights and remedies in this Deed of Trust.

101. Security Agreement. This Deed of Trust also constitutes a security agreement with respect to all personal property in which Beneficiary is granted a security interest hereunder, and Beneficiary shall have all of the rights and remedies of a secured party under the Uniform Commercial Code as enacted in California ("California Uniform Commercial Code") as well as all other rights and remedies available at law or in equity. Trustor hereby agrees to execute and deliver on demand and hereby irrevocably constitutes and appoints Beneficiary the attorney-in-fact of Trustor, to execute, deliver and, if appropriate, to file with the appropriate filing officer or office such security agreements, financing statements, continuation statements or other instruments as Beneficiary may request or require in order to impose, perfect or continue the perfection of, the lien or security interest created hereby. Trustor and Beneficiary agree that the filing of a financing statement in the record normally having to do with personal property shall never be construed as in any way derogating from or impairing the lien of this Deed of Trust and the intention of Trustor and Beneficiary that everything used in connection with the operation or occupancy of the Property is and at all times and for all purposes and in all proceedings, both legal and equitable, shall be regarded as real property or goods which are or are to become fixtures, irrespective of whether (i) any such item is physically attached to the buildings and improvements on the Property; (ii) serial numbers are used for the better identification of certain equipment items capable of being filed by the Beneficiary; or (iii) any such item is referred to or reflected in any such financing statement so filed at any time. Such mention in the financing statements is declared to be for the protection of the Beneficiary in the event any court or judge shall at any time hold that

notice of Beneficiary's priority of interest must be filed in the California Commercial Code records to be effective against a particular class of persons, including, but not limited to, the federal government and any subdivision or entity of the federal government. Trustor covenants and agrees to reimburse Beneficiary for any costs incurred in filing such financing statement and any continuation statements.

Upon the occurrence of default hereunder, and after delivery of notice and the expiration of all applicable cure periods, Beneficiary shall have the right to cause any of the Property which is personal property and subject to the security interest of Beneficiary hereunder to be sold at any one or more public or private sales as permitted by applicable law, and Beneficiary shall further have all other rights and remedies, whether at law, in equity, or by statute, as are available to secured creditors under applicable law, specifically including without limitation the right to proceed as to both the real property and the personal property contained within the Property as permitted by Uniform Commercial Code Section 9501(4), including conducting a unified sale thereof. Any such disposition may be conducted by an employee or agent of Beneficiary or Trustee. Any person, including both Trustee and Beneficiary, shall be eligible to purchase any part or all of such property at any such disposition.

This Deed of Trust constitutes a fixture filing under Sections 9313 and 9402(6) of the California Uniform Commercial Code, as amended or recodified from time to time.

11. Notices, Demands, and Communications. Formal notices, demands, and communications between Trustor and Beneficiary shall be given by (i) personal service, (ii) delivery by reputable document delivery service such as Federal Express that provides a receipt showing date and time of delivery, or (iii) mailing in the United States mail, certified mail, postage prepaid, return receipt requested, addressed to:

To Beneficiary:	City of Cypress 5275 Orange Ave. Cypress CA 90630 Attn: City Manager
With a copy to:	Aleshire & Wynder, LLP 1 Park Plaza, Suite 1000 Irvine, CA 92614 Attn: Fred Galante, Esq.
To Trustor:	Olson Urban Housing, LLC 3010 Old Ranch Parkway, Suite 100 Seal Beach, CA 90740 Attn: _____

Notices personally delivered or delivered by document delivery service shall be deemed effective upon receipt. Notices mailed shall be deemed effective on the second business day following deposit in the United States mail. Such written notices, demands, and communications shall be sent in the same manner to such other addresses as either party may from time to time designate by mail.

Copies of all notices which are sent to Trustor shall also be sent to Trustor's limited partner as specified above. This obligation may not be changed by Trustor but only upon written notice to Beneficiary by the limited partner.

IN WITNESS WHEREOF, Trustor has executed this Rider on the date of Trustor's acknowledgment hereinbelow, to be effective for all purposes as of the day and year first set forth above.

MAKER:

_____, a Delaware limited liability corporation

By: Not to be executed until Closing
_____

By: Not to be executed until Closing
_____

EXHIBIT “A”

LEGAL DESCRIPTION

That certain real property in the City of Cypress, County of Orange, State of California legally described as follows:

ALL THAT CERTAIN LAND SITUATED IN THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SECTION 16, TOWNSHIP 4 SOUTH, RANGE 11 WEST, IN THE RANCHO LOS COYOTES, IN THE CITY OF CYPRESS, COUNTY OF ORANGE, STATE OF CALIFORNIA, AS SHOWN ON A MAP RECORDED IN BOOK 51, PAGE 11 OF MISCELLANEOUS MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY, DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHEAST CORNER OF THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION 16; THENCE SOUTH 582.84 FEET ALONG THE EAST LINE OF SAID NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SECTION 16 TO THE NORTHEASTERLY LINE OF THE PACIFIC ELECTRIC RAILWAY COMPANY'S 100 FOOT RIGHT OF WAY; THENCE NORTHWESTERLY 125.22 FEET ALONG SAID RIGHT OF WAY TO A LINE PARALLEL WITH AND WESTERLY 100 FEET FROM SAID EAST LINE OF THE NORTHEAST QUARTER OF THE NORTHWEST QUARTER OF SAID SECTION; THENCE NORTH 467.80 FEET ALONG SAID PARALLEL LINE TO THE NORTH LINE OF SAID SECTION 16; THENCE EAST 100 FEET ALONG SAID NORTH LINE TO THE POINT OF BEGINNING.

EXCEPT THE NORTH 66 FEET THEREON GRANTED TO THE STATE OF CALIFORNIA BY DEED RECORDED AUGUST 28, 1956 IN BOOK 3625, PAGE 548 OF OFFICIAL RECORDS.

APN: 244-472-09

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy or validity of that document.

STATE OF CALIFORNIA)
) ss.
COUNTY OF _____)

On _____, 2024 before me, _____, a notary public, personally appeared _____ who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s) or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

_____
Notary Public

SEAL:

ATTACHMENT NO. 7

REGULATORY AGREEMENT AND DECLARATION OF COVENANTS AND RESTRICTIONS

ATTACHMENT NO. 7

MASTER AFFORDABLE HOUSING COVENANT AGREEMENT

FREE RECORDING REQUESTED BY
AND WHEN RECORDED MAIL TO:

CITY OF CYPRESS
5275 Orange Ave.
Cypress CA 90630
Attn: City Manager

APN 244-472-09

(Space Above This Line For Recorder's Office Use Only)
EXEMPT FROM RECORDING FEE PER GOV. CODE § 6103

MASTER AFFORDABLE HOUSING COVENANT AGREEMENT

This MASTER AFFORDABLE HOUSING COVENANT AGREEMENT ("**Agreement**") is entered into as of the _____ day of _____, 2024 ("**Effective Date**") , by and between the CITY OF CYPRESS, a California municipal corporation ("**City**"), and OLSON URBAN HOUSING, LLC, a Delaware limited liability corporation ("**Developer**").

RECITALS

A. Pursuant to that certain Sale Agreement and Escrow Instructions between Developer and City dated _____, 2024 ("**PSA**"), City has conveyed to Developer fee title to certain real property located in City of Cypress, County of Orange, State of California, more particularly described in Exhibit "A" attached hereto and incorporated herein by reference ("**Property**"), and the Developer has agreed to develop residential units thereon.

B. Pursuant to the PSA, Developer has agreed to restrict the sale and occupancy of five (5) single family dwelling units as affordable to low income households as provided in this Agreement, and City has agreed to make "silent second" loans to the purchasers of each of the low income units. The layout of the Project and all the residential units are depicted and their locations identified on Exhibit B attached hereto ("**Project Layout**").

NOW, THEREFORE, in consideration of the above Recitals, which are incorporated herein by this reference, and of the mutual covenants hereinafter contained and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties agree as follows:

ARTICLE 1. DEFINITIONS AND EXHIBITS

1.1 Definitions. The following terms when used in this Agreement shall be defined as follows:

1.1.1 ***Area Median Income*** means the Orange County area median income, adjusted for household size, as established by the United States Department of Housing and Urban Development (HUD), and as published periodically by California Housing and Community

Development (HCD) pursuant to Section 50093 et seq. of California Health and Safety Code and applicable regulations.

1.1.2 ***Covenant Agreement for Restricted AH Unit*** means the "Affordability Covenants and Restrictions Affecting Real Property with Option to Purchase Secured by Deed of Trust" substantially in the form attached hereto as Exhibit C for a Low Income Household and to be recorded against the Low Income Unit as provided in Article 2 which shall bind the Restricted AH Unit for forty-five (45) years.

1.1.3 ***Covenant Deed of Trust*** shall mean a deed of trust in the form attached as Exhibit D to be executed by the applicable Eligible Purchaser which shall secure the Covenant Agreement for Restricted AH Unit for the applicable Restricted AH Unit being purchased to be recorded against the Restricted AH Unit concurrently with the Covenant Agreement as provided in Article 2.

1.1.4 ***Eligible Purchaser*** shall mean a Qualified Purchaser who is purchasing one of the Restricted AH Units for which he/she qualifies and who is not an Ineligible Purchaser.

1.1.5 ***FMV of the Restricted AH Unit*** shall mean the fair market value of the Restricted AH Unit determined as provided in Section 2.7.1.

1.1.6 ***Household*** means all persons residing in a Restricted AH Unit.

1.1.7 ***Ineligible Purchaser*** shall have the meaning defined in Section 2.5.

1.1.8 ***Low Income Household*** means a Household whose income does not exceed the maximum income for Low Income Households for Orange County, adjusted for applicable household size, as annually determined by regulation of the California Department of Housing and Community Development pursuant to Section 50093 of the California Health and Safety Code and applicable regulations.

1.1.9 ***Market Rate Units*** means the Units within the Project which are not Restricted AH Units.

1.1.10 ***Purchase Price for Restricted AH Unit*** means the purchase price for the sale of the applicable Restricted AH Unit to an Eligible Purchaser which shall be calculated pursuant to Section 2.1.

1.1.11 ***Qualified Purchaser*** means an Eligible Purchaser of the Applicable AH Household Income that meets with all income and asset verification requirements in this Agreement for the applicable Restricted AH Unit.

1.1.12 ***Qualified Purchaser Loans*** means the loans to be made by City to each purchaser of a Restricted AH Unit as described in Section 2.7 hereof.

1.1.13 ***Restricted AH Units*** shall mean the following Units which are restricted for sale to a Low Income Household: _____.

1.1.14 ***Total Housing Cost*** means the total monthly or annual recurring expenses required of a household to obtain shelter, and includes the mortgage payment (principal and interest, based on a thirty (30) year term), parking amenities, utilities, homeowner association dues, real estate taxes, mortgage insurance and any other related assessments.

1.1.15 ***Unit*** means a residential unit in the Project.

1.2 Exhibits. The following documents are attached to, and by this reference are incorporated herein and made a part of, this Agreement:

Exhibit A	Legal Description of the Property
Exhibit B	Project Layout Plan
Exhibit C	Covenant Agreement for Restricted AH Units
Exhibit D	Covenant Deed of Trust

ARTICLE 2. RESTRICTED AH UNITS

2.1 Purchase Price for Restricted AH Unit.

2.1.1 Determination. Developer shall sell each of the Restricted AH Units to an Eligible Purchaser for an Affordable Household at the Applicable AH Household Income at the purchase price determined based on Applicable Affordable Housing Costs and which assumes a five percent (5%) down payment and a Qualified Purchaser Loan.

2.1.2 Loan. The maximum home loan amount for a Restricted AH Unit shall be based upon the income of a household with the applicable family size purchasing the Restricted AH Unit and assuming a five percent (5%) down payment and a Qualified Purchaser Loan. The maximum home loan amount for the Restricted AH Unit shall be submitted by Developer and approved or rejected by City within ten (10) business days from receipt.

2.2 Purchase Price Ranges for Restricted AH Units. Prior to listing the Restricted AH Units, Developer shall develop and provide to City the purchase price calculations for each Restricted AH Unit based on the size of the applicable Restricted AH Unit and number of members of the Low Income Household. City shall reasonably cooperate to provide such confirmation to Developer within ten (10) business days of written request therefore.

2.3 Selection of Eligible Purchasers. The Restricted AH Units may be sold to Eligible Purchasers selected by Developer who meet the income and affordability requirements provided in this Agreement and subject to the written approval of City. Developer is not required to sell a Restricted AH Unit to an Eligible Purchaser referred by City, but Developer shall accept or reject any such Eligible Purchaser based upon the same evaluation criteria that Developer applies to buyers of other residential units within the Project. Upon City's request, Developer shall provide to City a written response detailing the reasons for rejection of an Eligible Purchaser referred by City.

2.4 Income and Assets of Eligible Purchasers. Prior to the sale of the Restricted AH Unit, Developer shall submit to City a completed income computation and certification form acceptable to or otherwise provided by City certifying that the Eligible Purchaser (including any co-purchaser) purchasing the Restricted AH Unit meets the income and asset limitation requirements established for the Restricted AH Unit. Developer shall obtain an income certification form from the proposed Eligible Purchaser and shall certify that, to the best of Developer's knowledge, (i) the income of the proposed Eligible Purchaser is truthfully set forth in the income certification form; (ii) the proposed Eligible Purchaser does not own any real estate and does not have liquid assets that

exceed the amount specified below; and (iii) the proposed Eligible Purchase is not an Illegible Purchaser.

An Eligible Purchaser (nor any occupant) shall own any other real property at the close of escrow of the applicable Restricted AH Unit. Furthermore, an Eligible Purchaser (nor any co-purchaser or occupant) shall not own any liquid assets whose aggregate value exceeds, at the time of determination of eligibility, that exceeds the total closing costs plus the Applicable Housing Cost. As used herein, the term "**liquid assets**" refers to cash and assets which are readily convertible to cash within a reasonable period, including but not limited to savings and checking accounts, certificates of deposit of any term, marketable securities, money market and similar accounts, mutual fund shares, and insurance policy cash values. The term "**liquid assets**" shall not include any retirement funds which are not readily accessible or which cannot be accessed by the buyer without the buyer incurring a penalty, or any funds to be used to pay closing costs or to pay make the down payment on the Restricted AH Unit.

Developer shall verify the income certification of the proposed Eligible Purchaser (and any co-purchaser) by one or more of the following methods:

- Obtain paycheck stubs from the proposed Eligible Purchaser's two (2) most recent pay periods.
- Obtain a true copy of an income tax return from the proposed Eligible Purchaser for the most recent tax year in which a return was filed.
- Obtain an income verification certification from the employer of the proposed Eligible Purchaser.
- Obtain an income verification certification from the Social Security Administration and/or the California Department of Social Services if the proposed Eligible Purchaser receives assistance from such agencies.
- Obtain an alternate form of income verification reasonably acceptable to City and commonly used for such projects.

Developer shall provide copies of all verification documentation to City.

2.5 Ineligible Purchaser. No Relative (as defined below) of (a) any employee, officer, board member or shareholder of Developer (or any successor Developer of the Project) or any of its members, affiliates or subsidiaries, or (b) any employee or official of City, may purchase an Affordable Unit. "**Relative**" shall mean a parent, children, sibling, spouse, uncle, aunt, cousin, niece, nephew, grandparent, and grandchild and shall also extend to any of the foregoing persons related through marriage (i.e. in-laws or step relationships.)

2.6 Covenant Agreement for Restricted AH Unit. In accordance with Section 2.7 below, each Restricted AH Unit shall be subject to the Covenant Agreement for Restricted AH Unit which shall be effective for a period of forty-five (45) years (unless terminated pursuant to such Covenant Agreement for Restricted AH Unit) commencing on the date of the recordation of (i) the grant deed from Developer to the Eligible Purchaser of the Restricted AH Unit; together with (ii) the Covenant Agreement for Restricted AH Unit and the Covenant Deed of Trust.

2.7 Qualified Purchaser Loans. City has agreed pursuant to the PSA to make "silent second" loans to the purchasers of each of the five Restricted AH Units within the Project ("**Qualified Purchaser Loans**"). As set forth in the PSA, (i) Homeowner repayment

of Qualified Purchaser Loans will be due upon the subsequent transfer of the Restricted AH Unit, with no periodic payments required; (ii) any remaining balance of the Qualified Purchaser Loan will be forgiven upon the expiration of the affordability covenant for such Restricted AH Unit, provided that such affordability covenant is not in default at such time, (iii) the Qualified Purchaser Loans will be assumable by subsequent purchasers of the Restricted AH Units who satisfy the requirements of this Agreement, and (v) Qualified Purchaser Loans will be secured with deeds of trust which will be subordinate to mortgage financing for the Restricted AH Unit.

2.8 Close of Escrow for Restricted AH Unit.

2.8.1 FMV for Restricted AH Unit. Developer shall determine the FMV of the Restricted AH Unit which would be the sale price of the Unit if it was not restricted. Developer may determine the FMV for the Restricted AH Unit based on its sale prices within the Project for comparable Units which shall be confirmed by a written broker opinion. Developer shall provide such information to City regarding the determination of the FMV of the Restricted AH Unit. The FMV of the Restricted AH Unit shall be inserted in the Covenant Agreement for Restricted AH Unit prior to execution by the Eligible Purchaser and City.

2.8.2 Process for Sale of Restricted AH Unit. The sale of the Restricted AH Unit to the Eligible Purchaser shall comply with the following requirements.

(a) A full copy of the executed sale agreement between Developer and the Eligible Purchaser shall be provided to City.

(b) The Covenant Agreement for Restricted AH Unit in the form provided at Exhibit C shall be executed and acknowledged by the Eligible Purchaser and City. Concurrently the Eligible Purchaser shall also execute and acknowledge the Covenant Deed of Trust. Both documents shall be recorded in the Official Records, and Covenant Deed of Trust shall be subordinate to the First Deed of Trust (as defined in the Covenant Agreement for Restricted AH Unit).

(c) A Request for Notice (as to the First Trust Deed) which shall be recorded at the closing.

(d) A Request for Notice of Delinquency executed by the Eligible Purchaser and City as to the First Trust Deed which shall be recorded at the closing.

(e) The Eligible Purchaser shall provide a certification in a form acceptable to City declaring under penalty of perjury that it is a Qualified Purchaser and such other information as requested by City.

(f) Developer shall provide a certification in a form acceptable to City declaring under penalty of perjury with respect to compliance with this Agreement as to the sale of the Restricted AH Unit.

(g) City shall execute a release of this Agreement from the Restricted AH Unit to be recorded at the close of escrow in accordance with Section 2.9.

(h) Upon close of escrow, escrow holder shall promptly deliver to City (i) conformed copies of all recorded documents, (ii) a copy of the escrow closing statement, (iii)

complete final copies of all executed loan documents for the senior loan; and (iv) the Title Policy pursuant to Section 2.8.

2.9 Title Insurance Policy. At the close of the escrow for each Restricted AH Unit, an ALTA loan policy of title insurance shall be provided to City insuring the Covenant Deed of Trust subordinate only to the First Trust Deed in the amount of one hundred twenty percent (120%) of the difference between the FMV of the Restricted AH Unit less the purchase price of that Restricted AH Unit ("**Title Policy**"). The cost of the Title Policy shall be paid by Developer.

2.10 Release. At the Close of Escrow, this Agreement shall terminate AS TO THAT SPECIFIC RESTRICTED AH UNIT ONLY. Upon written request, City shall execute, acknowledge and deliver to escrow such documentation as reasonably required by the title company to confirm the release of this Agreement as to the applicable Restricted Rental Unit.

2.11 Use of Qualified Third Party. City may elect to retain a third party who is qualified to provide the financial analysis and verification of each Eligible Purchaser as well as the calculation of the applicable Purchase Price for a Restricted AH Unit. Developer shall reimburse City for the cost of the qualified third party.

ARTICLE 3. SALES AND RELEASES

3.1 Timing of Sale of Restricted AH Units. Developer shall use diligent efforts to market and sell the Restricted AH Units concurrently with the sale of the Market Rate Units. For the sale of every fifty (50) Units, Developer must sell and close the sale of at least five (5) of the Restricted AH Units. Compliance with this requirement may be enforced by City not issuing of a certificate of occupancy for the Market Rate Units until Developer is in compliance. City will cooperate with executing, acknowledging and delivering documentation as reasonably requested by a title company to release this Agreement from the title of Market Rate Units being sold to third parties in compliance with this provision.

3.2 Release of Market Rate Units. Provided Developer is in compliance with the requirements in Section 3.1, upon transfer of any Market Rate Unit to an individual owner in conformity with the California Department of Real Estate issued public report ("**White Report**"), the provisions of this Agreement shall terminate with respect to that Market Rate Unit. City shall cooperate with providing any documents which the title company may require to effect the foregoing.

3.3 Common Area Property. Upon transfer of common area within the Project to the homeowners association which governs the Project in accordance with the White Report, this Agreement shall automatically terminate with respect to the common area so transferred. City shall cooperate with providing any documents which the title company may require to effect the foregoing.

ARTICLE 4. DUTIES AND RIGHTS

4.1 Construction of Project. The Restricted AH Units shall be constructed concurrently with the Market Rate Units and the Restricted AH Units shall be dispersed through the Project as designated on the Project Layout.

4.2 Maintenance. Until fee title of a Restricted AH Unit is transferred to an Eligible Purchaser, Developer shall, at its sole cost and expense, maintain the interiors and exteriors of the Affordable Unit in good, decent, safe and sanitary manner, in accordance with the standard of maintenance of the other Units in the Project.

4.3 Monitoring. Representatives of City shall be entitled to inspect and copy any and all records of Developer relating to the Restricted AH Units at any time, upon reasonable notice, and to conduct an audit of such records. City shall pay the cost of the audit, provided, however, that if the audit discloses a default by Developer, the cost of the audit shall be borne by Developer who shall, upon demand, promptly reimburse City for the cost of the audit. Until a Restricted AH Unit is occupied by an Eligible Purchaser, representatives of City shall, upon reasonable notice to Developer, be entitled to enter the Restricted AH Unit to monitor compliance with this Agreement. City shall have the right to transfer this Agreement and the Covenant Agreement for Restricted AH Unit to any other public agency in its sole discretion.

ARTICLE 5. ENFORCEMENT

5.1 Enforcement & Remedies. City shall be entitled to all remedies available under the law upon the default of the terms of this Agreement by Developer, including: (a) specific performance of the terms of this Agreement; (b) disgorgement of any amounts of sales proceeds which exceed an the Purchase Price for Restricted AH Unit; (c) an award of its reasonable attorney's fees, specifically including the cost to City of time expended by the office of City Attorney and other City staff and outside consultants, attorneys and other personnel involved in enforcing the terms of this Agreement; (iv) damages; (v) right to revoke certificates of occupancy; (vi) record a lien against the Property; and (vii) any other remedies available at law or equity. The rights and remedies are cumulative, and the exercise of one or more of such rights or remedies shall not preclude the exercise by it, at the same or different times, of any other rights or remedies for the same default or any other default.

5.2 Indemnification. Developer shall defend, indemnify and save harmless City, its elected and appointed officials, officers, agents and employees, from all liability from loss, damage or injury to persons or property, including the payment by Developer of any and all reasonable legal costs and attorneys' fees, in any manner arising out of the acts and/or omissions of Developer pursuant to this Agreement, including, but not limited to, all consequential damages, to the maximum extent permitted by law. The indemnification obligations of Developer under this Agreement shall survive the expiration or earlier termination of this Agreement.

5.3 Agreement Appurtenant to Property. This Agreement is appurtenant to and shall run with the Property as an equitable servitude and covenant in favor of City and shall be binding on all successors of the Property until this Agreement is otherwise terminated as set forth in this Agreement.

5.4 Term. This Agreement shall terminate and be of no further force or effect (except as specified below) upon the last to occur (i) all Restricted AH Units have been sold to qualified Eligible Purchasers in accordance with this Agreement as evidenced by a recorded grant deed; and (ii) the Covenant Agreement for Restricted AH Unit and Covenant Deed of Trust have been executed by the Eligible Purchaser of each of the Affordable Units and recorded against the Affordable Unit concurrently with the grant deed. Notwithstanding the termination of this Agreement of record, the provisions of Sections 5.1, 5.2 and 6.1 shall remain in full force and effect as the personal obligation of Developer to City.

5.5 Further Assurances; City Manager Authority. The parties shall execute any further documents in recordable form consistent with the terms of this Agreement as may from time to time be necessary or appropriate to effectuate the purpose of this Agreement. Except as otherwise expressly provided in this Agreement, approvals or consents required of City shall be deemed granted by the written approval of City Manager or his/her designee. City Manager is also authorized to execute any further documents on behalf of City, including the Covenant Agreement for Restricted

AH Unit and any subordination agreements for the sale of the Restricted AH Unit. Notwithstanding the foregoing, City Manager or designee may, in his or her sole and absolute discretion, refer to City Council any item requiring City approval.

5.6 Cooperation Covenant. The parties agree to cooperate with each other to effect the intent of this Agreement including, but not limited to, modifying some provisions in this Agreement (and the Covenant Agreement for Restricted AH Unit) as may be reasonably required by the California Department of Real Estate or other applicable governmental agencies.

5.7 Applicable Law. The laws of the State of California shall govern the interpretation and enforcement of this Agreement.

ARTICLE 6. GENERAL PROVISIONS

6.1 Attorney's Fees and Costs. If any action or proceeding is brought by either party against the other under this Agreement, whether for interpretation, enforcement or otherwise, whether or not a final court judgment is entered, the prevailing party shall be entitled to reimbursement of all reasonable costs and expenses incurred by the prevailing party in such legal proceeding, including reasonable attorneys' fees, court costs and expenses and consultant and expert witness fees and expenses.

6.2 Severability. Invalidation of any one of these covenants or restrictions by judgment or court order shall in no way affect any other provisions which shall remain in all force and effect.

6.3 Construction. The provisions of this Agreement shall be liberally construed for the purpose of effecting the intent to increase the number of affordable dwellings in City. The article and section headings have been inserted for convenience only, and shall not be considered or referred to in resolving questions of interpretation or construction.

6.4 Amendments. This Agreement may only be amended or modified by written agreement executed by Developer and City and recorded in the Official Records of Orange County.

6.5 Notices. Formal notices, demands and communications between City and Developer shall be sufficiently given if delivered personally, or dispatched by registered or certified mail, postage prepaid, return receipt requested, to the respective addresses of City and Developer. Such notices, demands and communications, if given in person, shall be deemed given when delivered, and, if given by mail, shall be deemed given three (3) business days after deposit in the mail. If delivered by national overnight carrier service, it shall be deemed to have been delivered the following business day. Such written notices, demands and communications may be sent to the following addresses unless either party designates by notice a different address:

City: City of Cypress
5275 Orange Ave.
Cypress CA 90630
Attn: City Manager

Copy to: Aleshire & Wynder, LLP
1 Park Plaza, Suite 1000
Irvine, CA 92614
Attn: Fred Galante, Esq.

Developer: OLSON URBAN HOUSING, LLC
3010 Old Ranch Parkway, Suite 100
Seal Beach, CA 90740
Attn: _____

6.6 Conflicts of Interest.

6.6.1 No member, official or employee of City shall have any personal interest, direct or indirect, in this Agreement; nor shall any such member, official or employee participate in any decision relating to this Agreement which affects his personal interests or the interests of any corporation, partnership or association in which he is, directly or indirectly, interested.

6.6.2 Developer warrants that it has not paid or given, and will not pay or give, any third party any money or other consideration for obtaining this Agreement, other than normal fees paid to Developer's independent contractors, attorneys, and consultants.

6.7 Non-liability of City, City Officials and Employees. No member, official, employee, attorney or consultant of City shall be personally liable to Developer, or any successor in interest of Developer, in the event of any default or breach by City or for any amount which may become due to Developer or to its successor, or on any obligations under the terms of this Agreement.

6.8 Qualification; Authority. Developer represents, warrants and covenants to City that (a) Developer is duly formed and authorized to do business in California, (b) each individual executing this Agreement on behalf of Developer is duly authorized to execute and deliver this Agreement on behalf of Developer in accordance with authority granted under the organizational documents of such entity, and (c) Developer is bound under the terms of this Agreement.

6.9 Assignment Prohibited. Developer shall not assign or transfer any portion of this Agreement without the prior express written consent of City, which consent may be given or withheld in City's sole discretion. However, if any such assignment or transfer is to a purchaser of the entire Project, City shall not unreasonably withhold or delay its consent of the assignment provided that the purchaser shall assume all obligations under this Agreement in a form satisfactory to City.

6.10 No Waiver. The failure of Developer to enforce any term, covenant, or condition of this Agreement on the date it is to be performed shall not be construed as a waiver of City's right to enforce this, or any other, term, covenant, or condition of this Agreement at any later date or as a waiver of any term, covenant, or condition of this Agreement.

[SIGNATURES ON FOLLOWING PAGE]

IN WITNESS WHEREOF, the parties have executed this Agreement as indicated below.

DEVELOPER:

OLSON URBAN HOUSING, LLC, a Delaware limited liability company

By: In Town Living, Inc., a Delaware corporation
Its: Managing Member

By: _____
Todd Olson, President of Community Development

By: _____

Name: _____

Title: _____

CITY:

CITY OF CYPRESS,
a California municipal agency

By: _____
Peter Grant, City Manager

ATTEST:

By: _____
Alisha Farnell, City Clerk

APPROVED AS TO FORM:

ALESHIRE & WYNDER, LLP

By: _____
Fred Galante, City Attorney

EXHIBIT A

Legal Description of the Property

That certain real property in the City of Cypress, County of Orange, State of California legally described as follows:

ALL THAT CERTAIN LAND SITUATED IN THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SECTION 16, TOWNSHIP 4 SOUTH, RANGE 11 WEST, IN THE RANCHO LOS COYOTES, IN THE CITY OF CYPRESS, COUNTY OF ORANGE, STATE OF CALIFORNIA, AS SHOWN ON A MAP RECORDED IN BOOK 51, PAGE 11 OF MISCELLANEOUS MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY, DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHEAST CORNER OF THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION 16; THENCE SOUTH 582.84 FEET ALONG THE EAST LINE OF SAID NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SECTION 16 TO THE NORTHEASTERLY LINE OF THE PACIFIC ELECTRIC RAILWAY COMPANY'S 100 FOOT RIGHT OF WAY; THENCE NORTHWESTERLY 125.22 FEET ALONG SAID RIGHT OF WAY TO A LINE PARALLEL WITH AND WESTERLY 100 FEET FROM SAID EAST LINE OF THE NORTHEAST QUARTER OF THE NORTHWEST QUARTER OF SAID SECTION; THENCE NORTH 467.80 FEET ALONG SAID PARALLEL LINE TO THE NORTH LINE OF SAID SECTION 16; THENCE EAST 100 FEET ALONG SAID NORTH LINE TO THE POINT OF BEGINNING.

EXCEPT THE NORTH 66 FEET THEREON GRANTED TO THE STATE OF CALIFORNIA BY DEED RECORDED AUGUST 28, 1956 IN BOOK 3625, PAGE 548 OF OFFICIAL RECORDS.

APN: 244-472-09

EXHIBIT B

PROJECT LAYOUT

EXHIBIT C

Covenant Agreement for Restricted AH Unit

EXHIBIT C

FORM OF COVENANT AGREEMENT

RECORDING REQUESTED BY AND
WHEN RECORDED MAIL TO:

CITY OF CYPRESS
5275 Orange Ave.
Cypress CA 90630
Attn: City Manager

APN _____

SPACE ABOVE FOR RECORDER'S USE ONLY
Exempt from recording fee per Gov. Code §§ 27383 & 6103

AFFORDABILITY COVENANTS AND RESTRICTIONS AFFECTING REAL PROPERTY AND OPTION TO PURCHASE PROPERTY SECURED BY DEED OF TRUST

(Low Income)

Owner: _____

Residence: _____
Cypress, California

THIS AFFORDABILITY COVENANTS AND RESTRICTIONS AFFECTING REAL PROPERTY AND OPTION TO PURCHASE PROPERTY SECURED BY DEED OF TRUST ("**Agreement**") is entered into as of this ___ day of _____, 202__ by and between City of Cypress, a municipal corporation ("**City**"), and _____ (jointly and severally "**Owner**"). City and Owner are sometimes referred to as a "**Party**" and jointly as the "**Parties**")

RECITALS

A. Concurrently with the recordation of this Agreement, Owner has acquired that certain condominium located within the City of Cypress, County of Orange, State of California, located at 5732 Lincoln Avenue, in the City of Cypress, County of Orange, State of California, Assessor's Parcel Number 244-472-09 and legally described in Exhibit A attached hereto and incorporated by reference ("**Residence**").

B. The Residence is part of a housing project at the above property known as "_____" under Tract Map No. _____ ("**Project**") which was developed by OLSON URBAN HOUSING, LLC, a Delaware limited liability company ("**Developer**").

C. As a condition to developing the Project, Developer was required to restrict five (5) condominium units in the Project to be affordable housing for Low Income Households at an affordable sales price. Accordingly, Developer and City entered into that certain Master Affordable Housing Covenant Agreement dated _____, 2024

("**Developer Agreement**").

D. Pursuant to the Developer Agreement, the use, occupancy and transfer of the Residence is restricted to qualified low income purchasers to ensure its continued availability to Low Income Households (as defined below) for a period of forty-five (45) years. The term "**Low Income Household**" means a household whoseincome does not exceed the maximum income for Low Income Households for Orange County, adjusted for household size, as annually determined by the California Department of Housing and Community Development as determined by California Health & Safety Code Section 50000 et seq. and applicable regulations adopted by the California Department of Housing and Community Development ("**HCD Laws/Regulations**").

E. Concurrently herewith, Owner is obtaining a "silent second" loan from City in the amount of _____ Dollars ($_____) in order to assist the Owner to acquire the Residence at an affordable housing cost.("**Qualified Purchaser Loan**"). In consideration for acquiring the Residence at an affordable housing cost, Owner agrees that the Residence shall be restricted by the covenants and restrictions as set forth in this Agreement. .

F. Owner's obligations hereunder (including all monetary / payment obligations of Owner under this Agreement) are secured by a deed of trust executed by Owner and recorded concurrently with this Agreement in the Official Records ("**City Deed of Trust**").

NOW, THEREFORE, in consideration for Owner acquiring the Residence for less than the Original Fair Market Value, Owner agrees to the following covenants and restrictions which shall run with the Residence in favor of the City.

1. DEFINITIONS.

The following terms shall have the definitions below which can be found in the referenced sections:

"Agreement" – Preamble (page 1).

"Alternative Sale" - Section 10.2.

"Base Price" – Section 12.1.

"Breach Notice" – Section 14.

"City" – Preamble (page 1).

"City Deed of Trust" – Recital F.

"City's Share of Appreciation" - Section 13.2.

"Default Interest" – Section 13.2.

"Default Purchase Option" – Section 15.1.

"Default Purchase Exercise Notice" – Section 15.1.

"Effective Date" – Section 2.

"Eligible Purchaser" - Section 11.2.

"Eligible Transfer" - Section 11.

"Exercise Notice" – Section 8.

"Exercise Price" – Section 8.

"Fair Market Value" – Section 9.

"First Lender" – Section 20.1.

"First Deed of Trust" – Section 21.1.

"HCD Laws/Regulations" – Recital D.

"Increased Base Price" - Section 12.1.

"Ineligible Purchaser" – Section 10.b.

"Initial Subsidy" – Section 13.2.

"Low Income Household" – Recital D

"Notice of Default" – Section 14.

"Official Records" – Section 2.

"Option" -- Section 8.

"Option Price" – Section 8.

"Original Fair Market Value" -- Recital E.

"Original Sales Price" – Recital E.

"Owner" – Preamble (page 1).

"Owner's Share of Appreciation" - Section 13.3.

"Project" – Recital B.

"Proposed Purchaser" - Section 11.1.

"Relative" – Section 3.

"Residence" – Recital A.

"Restricted Covenants" – Section 11.1(e).

"Restricted Sales Price" - Section 12.

"Subordination Agreement" – Section 21.2.

"Term" – Section 2.

"Total Appreciation" – Section 13.4.

"Transfer" - Section 5.

"Transfer Notice" – Section 7.

"Value of Capital Improvements" - Section 12.2.

2. TERM OF AGREEMENT. The covenants, restrictions and equitable servitudes in this Agreement shall burden the Residence and run in favor of and for the benefit of, the City. The term of this Agreement shall commence on the date this Agreement is recorded ("Effective Date") in the Official Records of Orange County ("Official Records") and shall continue for a term of forty-five (45) years, unless otherwise terminated as set forth in this Agreement including, but not limited to, Sections 8, 13 and/or 15 ("Term").

3. **OWNER CERTIFICATIONS**. Owner hereby certifies to City that (i) the financial and other information previously provided in order to qualify to purchase the Residence was true,

correct and complete; (ii) Owner does not own any other residential property as of the Effective Date; (iii) Owner intends to occupy the Residence as Owner's principal place of residence; and (iv) Owner is not a Relative (as defined below) of any employee, officer, board member or shareholder of Developer or any of its members, affiliates, or subsidiaries; or of any employee or official of City. "Relative" shall mean a parent, child, sibling, spouse, uncle, aunt, cousin, niece, nephew, grandparent and grandchild and shall also extend to any of the foregoing persons related through marriage (i.e. in-laws or step relationships).

4. **OCCUPANCY OF RESIDENCE; ANNUAL CERTIFICATION**.

4.1. Occupancy of Residence. Owner shall continuously occupy the Residence as his/her/their principal residence. City may grant a temporary written waiver of this occupancy requirement for good cause in its reasonable discretion. At all times, occupancy shall comply with the City's Municipal Code.

4.2. Leasing of Residence. Owner may not lease the Residence.

4.3. Annual Certification. On annual basis, Owner shall provide a certification in a form required by City that the Residence is owned and occupied by Owner.

5. **TRANSFER OF RESIDENCE**. The term "Transfer" means any sale, assignment or transfer, voluntary or involuntary, of any interest in the Residence, including, but not limited to, a fee simple interest, a joint tenancy interest, a life estate, a leasehold interest, or an interest under a land sale contract by which possession of the Residence is transferred and Owner retains title. Any Transfer without satisfaction of the provisions of this Agreement is prohibited. Transfers by gift, devise, or inheritance to an existing spouse, children, surviving joint tenant, or a spouse as part of a dissolution proceeding or in connection with marriage, shall not be considered a Transfer for the purposes of this Agreement.

6. REFINANCE OF RESIDENCE.

6.1 Refinancing of First Deed of Trust. Subject to Section 6.3, Owner may refinance a loan secured by a First Deed of Trust (defined in Section 21.1) encumbering the Residence provided that City has previously reviewed and approved in writing the terms and conditions thereof including, but not limited to, the principal amount of the proposed loan, the interest rate, the terms of repayment, the identity of the maker of the proposed loan, any documentation pertaining to the subordination or enforcement of this Agreement, and the costs and fees associated with the making of the proposed loan. Owner must have received the written approval of the proposed loan by City prior to the date of its closing. In the event of a proposed refinance that includes a principal amount in excess of that needed to repay the loan secured by the First Deed of Trust, any approval by City shall include conditions which, in the sole discretion of City, are warranted in order to insure the continued affordability of the Residence. Any refinancing of a First Deed of Trust that has not been previously approved by City shall constitute a default under this Agreement.

6.2 Junior Liens. Subject to Section 6.3, Owner may enter into a loan secured by a lien junior and subordinate to this Agreement and the City Deed of Trust provided that (i) the proceeds of each loan shall be used solely to pay for repairs or the construction of improvements to the Residence which improvements are consistent with all applicable covenants and restrictions of the Project; (ii) City

has previously reviewed and approved the terms and conditions thereof, including, but not limited to, the principal amount of the proposed loan, the interest rate, the terms of repayment, the identity of the maker of the proposed loan, the costs and fees associated with the making of the proposed loan, and the nature and costs of the proposed repairs or the construction of improvements, to be paid with the proceeds thereof; and (iii) Owner shall have received the written approval of the proposed loan by City prior to the date of its closing. Without limiting the foregoing, the proceeds of the proposed loan shall not be used to pay for the construction of improvement of a luxury nature such as ground pools, spas, or interior or exterior decorative items, or improvements with an unreasonable useful life. The failure of Owner to comply fully with the provisions of this subsection when entering into a loan that is secured by a lien junior and subordinate to this Agreement shall constitute a default under this Agreement.

6.3 Notification Prior to Encumbrance or Hypothecation. If Owner desires to refinance a First Deed of Trust pursuant to Section 6.1, or to borrow funds for a new loan to be secured by a junior lien encumbering the Residence the proceeds of which are to be used to pay for repairs or the construction of improvements to the Residence pursuant to Section 6.2, prior written approval of City is required. Owner must request such approval in writing at least thirty (30) days prior to the recordation of a lien securing any such refinancing or loan, Owner shall submit in writing the following information and the applicable documents:

i. Name and address of lender.

ii. Terms of the loan, including, but not limited to, principal, interest rate, term, and loan fees.

iii. Closing date of the loan.

iv. Copy of all proposed escrow instructions, loan applications, security agreement, loan documents, and other agreements between Owner and the lender.

v. Written documentation of compliance with the conditions for City approval as set forth in Section 6.1 and 6.2, as applicable.

vi. Other written documentation reasonably requested by City.

City shall have fifteen (15) business days after its receipt of all of such information to approve or disapprove the proposed refinancing or loan. If the City does not issue its written approval within the fifteen (15) business day period, the loan shall be deemed disapproved.

7. NOTICE OF INTENDED TRANSFER. In the event Owner intends to Transfer or vacate the Residence, Owner shall promptly notify City in writing of such intent delivered at least ninety (90) days prior to the actual date of the proposed Transfer or vacation of the Residence ("**Transfer Notice**").

8. CITY PURCHASE OPTION. Upon City's receipt of a Transfer Notice, City shall have the option, but not the obligation, to purchase the Residence for the Exercise Price (defined

below) ("**Option**"). City may exercise its Option to purchase the Residence by delivering written notice of exercise to Owner within thirty (30) days of receipt of the Transfer Notice ("**Exercise Notice**"). Within ninety (90) days of the date of the Exercise Notice, City shall purchase the Residence at the **lesser** of: (i) the Fair Market Value of the Residence, or (ii) Restricted Sales Price calculated pursuant to Section 12 ("**Exercise Price**"). City may assign its right to purchase the Residence to an Eligible Purchaser or to a governmental agency or nonprofit organization that is devoted to developing or preserving low income housing. After a Transfer, if the City does not exercise the Option, the Option rights set forth herein shall remain in full force and effect and apply to any future Transfer of the Residence during the Term.

9. FAIR MARKET VALUE.

9.1. After the Effective Date, the term "**Fair Market Value**" shall have the meaning ascribed in Section 1263.320 of the California Code of Civil Procedure, as it now exists or may subsequently be amended and shall be determined by a real estate appraiser selected by City. The appraiser shall have been previously approved by the Federal National Mortgage Association or the Federal Housing Administration and at the time of the appraisal shall be on the list of approved single-family housing appraisers. If possible, the appraisal shall be based upon properties sold in the market during the three (3) month period prior to the date of the Transfer Notice. The cost of the appraisal shall be divided equally between City and Owner. In the event that improvements to the Residence have been made by Owner that increase the value of the Residence, or if damage to the Residence has occurred or deferred maintenance while Owner owned the Residence has decreased the value of the Residence, the appraisal shall specifically ascribe a value to these adjustment factors and state what the Fair Market Value of the Residence would be without such adjustments. Nothing in this Section shall preclude Owner and City from establishing the Fair Market Value of the Residence by mutual written agreement in lieu of an appraisal pursuant to this Section.

9.2. If no appraisal has been conducted pursuant to Section 9.1, and it is necessary to determine the Value of Capital Improvements made to the Residence by Owner, such determination shall be made by a real estate appraiser selected by City. The cost of the appraisal shall be divided equally between City and Owner.

10. TRANSFER BY OWNER. If City does not exercise its Option under Section 8, Owner may sell the Residence to a person of Owner's choosing ("**Proposed Purchaser**") subject to the following limitations:

a. Transfer to Eligible Purchaser: If Owner transfers the Residence in a transaction that meets the Eligible Transfer requirements in Section 11, the maximum amount that Owner may receive for the Transfer shall be the Restricted Sales Price and the transfer shall comply with the requirements in Section 11.

b. Transfer to Ineligible Purchaser: If Owner transfers the Residence in a transaction that does not meet the Eligible Transfer requirements of Section 11 ("**Alternative Sale**"), the gross proceeds of such sale less only standard closing costs (such as escrow fees, title fees, etc.) shall be divided between Owner and City pursuant to Section 13. The transferee of an Alternative Sale is referred to herein as an "**Ineligible Purchaser**".

11. ELIGIBLE TRANSFER. A Transfer of the Residence that meets the requirements set

forth in this Section 11 shall qualify as an approved Transfer to an Eligible Purchaser (as defined below) ("**Eligible Transfer**").

11.1. Disclosures and Submittals**.** Owner and the proposed purchaser ("**Proposed Purchaser**") shall provide the following information in writing and documents to City**:**

a. The name, address and telephone number of the Proposed Purchaser.

b. Financial information certified by the Proposed Purchaser in a form acceptable to City and any other supporting documentation requested by City which shall include authorization for City to verify the information provided. The financial information shall be used by City to determine the income eligibility of the Proposed Purchaser as a Low Income Household in accordance with HCD Laws/Regulations.

c. The proposed sales contract, escrow instructions and all other related documents that shall set forth the terms of the sale of the Residence.

d. A written certification from Owner and the Proposed Purchaser in a form acceptable to City that the sale shall be closed in accordance with the terms of the sales contract and other documents submitted to and approved by City. The certification shall also provide that the Proposed Purchaser or any other party has not paid and will not pay to Owner, and Owner has not received and will not receive from the Proposed Purchaser or any other party, money or other consideration, including personal property, in addition to what is set forth in the sales contract and documents submitted to City. The written certification shall also include a provision that in the event a Transfer is made in violation of the terms of this Agreement or false or misleading statements are made in any documents or certification submitted to City, City shall have the right to file an action at law or in equity to make the parties terminate and/or rescind the sale contract and/or declare the sale void or pursue damages, notwithstanding the fact that the sale may have closed and become final as between Owner and the Proposed Purchaser. In any event, any costs, liabilities or obligations incurred by Owner and the Proposed Purchaser for the return of any monies paid or received in violation hereunder or for any costs and legal expenses, shall be borne by Owner and/or the Proposed Purchaser and they shall hold City and its designee harmless and reimburse their expenses, legal fees and costs for any action they reasonably take in good faith in enforcing the terms of this Agreement.

e. Restrictive Covenants in favor of the City executed and acknowledged by the Proposed Purchaser with substantially the same terms as the terms of this Agreement in a form acceptable to the City ("**Restricted Covenants**"). City's approval of the proposed sale shall be effective upon the recordation in the Official Records of both the Restrictive Covenants and a Request for Notice of Default and a Request for Notice of Delinquency ("**Requests for Notice**") under the First Deed of Trust in favor of City. City may require the Proposed Purchaser to pay a reasonable fee to City and reimburse it for out of pocket costs to cover the costs of administering its right and obligations under this Agreement (including attorneys' fees).

f. Upon the close of the proposed sale, the escrow officer must provide to City a conformed copy of the recorded Restrictive Covenants and the Requests for Notice, a copy of the final sales contract, settlement statement, escrow

instructions, and any other document that City may reasonably request.

11.2. Eligibility of Purchaser. A Proposed Purchaser who meets the following requirements shall be an "**Eligible Purchaser**":

a. Each Proposed Purchaser shall certify to City in a form acceptable to City that he or she will occupy the Residence as his or her principal residence;

b. Each Proposed Purchaser shall not own any other real property and does not have assets that exceed the total closing costs plus twelve (12) months housing payments, including, principal, interest, taxes and insurance; and

c. The combined maximum income for all household members of the Proposed Purchaser qualifies as a Low Income Household in accordance with HCD Laws/Regulations.

12. DETERMINATION OF RESTRICTED SALES PRICE. The maximum sales price ("**Restricted Sales Price**") that Owner shall receive for an Eligible Transfer of the Residence shall be the Increased Base Price as adjusted by Section 12.2, but, in no event, shall the sales price exceed the amount specified in Section 50052.5 of the Health & Safety Code and HCD Laws/Regulations.

12.1. Increased Base Price. The "**Base Price**" of the Residence means the purchase price paid by Owner (which is set forth in Recital D for the initial Owner), inclusive of closing costs actually paid by Owner. The "**Increased Base Price**" of the Residence means the Base Price, increased by the percentage of increase for a Low Income Household adjusted for family size, for Orange County as published by the California Department of Housing and Community Development as determined by California Health & Safety Code Section 50000 et seq. and applicable regulations adopted from time to time. The increase in household income shall be computed from the date of the original purchase of the Residence by Owner to the date of Transfer Notice. In the event that such income determination is no longer published, or has not been updated for a period of at least eighteen (18) months, City may use or develop such other reasonable method as it may choose in order to determine such increase in income.

12.2. Adjusted Increased Base Price. The Increased Base Price shall also be adjusted for the Value of Capital Improvements. The "**Value of Capital Improvements**" shall mean the value of substantial structural or permanent fixed improvements that cannot be removed without substantial damage to the Residence or substantial or total loss of value of the improvements. No such valuation shall be made except for improvements (i) made or installed by or under the direction of Owner and permitted by the covenants restricting the Project; (ii) approved in advance by City or its designee; and (iii) with an initial cost of Two Thousand Dollars ($2,000) or more. The value of such improvements to be taken into account in calculation of the Increased Base Price shall be the increase in value of the Residence by reason of the improvements, and shall be determined by agreement of City and Owner, or, in the event of failure to agree, by appraisal pursuant to Section 9.2.

13. ALTERNATIVE SALE & PAYMENT TO CITY. If a Transfer is not to an Eligible

Purchaser (i.e., an Alternative Sale), Owner and City shall each receive a portion of the proceeds of the sale pursuant to this Section.

13.1. Disclosures and Submittals. Owner and Proposed Purchaser shall deliver to City the same information and documents as required by Section 11.1, except that (i) the financial statement of the Proposed Purchaser described in Section 11.2(b), and (ii) the Restrictive Covenants described in Section 11.1(e) and 11.1(f), shall not be required.

13.2. Amount Paid to City. City shall be entitled to receive the lesser of (i) its Initial Subsidy (defined below) plus the City's proportionate share of appreciation, and (ii) the sales price (provided the sales price is equal to Fair Market Value). The City's proportionate share of the Total Appreciation (defined in Section 13.4) shall be equal to the ratio of the City's Initial Subsidy to the Fair Market Value at the time of the initial sale to Owner ("**City's Share of Appreciation**"). City's Initial Subsidy means the Original Fair Market Value (as defined in Recital E) minus the Original Sales Price (as defined in Recital E), plus the Qualified Purchaser Loan and any down payment assistance from City ("**Initial Subsidy**").

City's share of sale proceeds shall be paid to City directly from escrow upon the close of the Alternative Sale. In the event the amount due to City is not paid when due, the amount due to City shall accrue interest at the rate of ten percent (10%) per annum but not to exceed the maximum amount permitted by law, commencing on the date said amount should have been paid to City until said amount is actually paid to City ("**Default Interest**").

13.3. Amount Paid to Owner. Owner shall be entitled to receive the sum of (i) his/her/their down payment, (ii) the Value of Capital Improvements, if any, plus (iii) the Owner's Share of Appreciation, but less (a) any amounts to pay off the First Lender and any other liens, and (b) closing costs to be paid by Owner. The term "**Owner's Share of Appreciation"** shall mean the Total Appreciation of the Residence less the City's Share of Appreciation.

13.4. The term "**Total Appreciation**" shall mean the Fair Market Value (as defined in Section 9.1) at the time of the sale, less the sum of (i) the Original Fair Market Value, and (ii) the Value of Capital Improvements.

14. <u>DEFAULTS AND REMEDIES</u>. UPON A BREACH OF THIS AGREEMENT BY OWNER OR THE CITY DEED OF TRUST, CITY SHALL GIVE WRITTEN NOTICE TO OWNER SPECIFYING IN REASONABLE DETAIL THE NATURE OF THE BREACH ("BREACH NOTICE"). IF THE BREACH IS NOT CURED TO THE SATISFACTION OF CITY WITHIN (I) TEN (10) DAYS AFTER DELIVERY OF THE BREACH NOTICE FOR FAILURE TO PAY ANY SUMS DUE TO THE CITY UNDER THIS AGREEMENT; (II) WITHIN THIRTY (30) DAYS AFTER DELIVERY OF THE BREACH NOTICE FOR FAILURE TO CURE ANY NON-MONETARY BREACH, AND (III) WITHIN THIRTY (30) DAYS AFTER RECORDATION OF A NOTICE OF DEFAULT UNDER ANY SENIOR NOTE OR TRUST DEED, CITY MAY ELECT TO DECLARE OWNER IN DEFAULT UNDER THIS AGREEMENT BY DELIVERING A NOTICE OF DEFAULT TO OWNER AND FIRST LENDER ("NOTICE OF DEFAULT").

Immediately following the Notice of Default, City may apply to a court of competent jurisdiction for specific performance of this Agreement, or for any such other relief at law or in equity as may be appropriate, including suit for recovery of the amount to be paid to City under

Section 13.2 plus Default Interest. Furthermore, City shall also be entitled to an award of its attorneys' fees, including the cost to City of time expended by the office of the City Attorney and other City staff and outside consultants, attorneys and other personnel involved in enforcing the terms of this Agreement.

Any default under the City Deed of Trust is a default under this Agreement. The City Deed of Trust secures the City's Share of Appreciation only.

15. PURCHASE OPTION UPON DEFAULT.

15.1. Default Purchase Option. In addition to the remedies provided in Section 14, City shall have the option to purchase the Residence for the period thirty (30) days after the Notice of Default has been delivered to Owner and First Lender ("Default Purchase Option"). City may exercise the Default Purchase Option by delivering written notice of exercise to Owner within thirty (30) days after the Notice of Default has been delivered to Owner and First Lender ("Default Purchase Exercise Notice")

15.2. Consummation of Transfer. Not later than ninety (90) days after the City delivers the Default Purchase Exercise Notice to Owner, City shall purchase the Residence at the lesser of: (i) its Fair Market Value; or (ii) its Restricted Sales Price. Owner shall fully cooperate, including execution of all documents reasonably required to consummate the transfer of the Residence in accordance with this Section.

15.3. Consideration. The Default Purchase Option is given in consideration of the economic benefits received by Owner from ownership of the Residence made possible by City requiring the Developer to sell the Residence at less than its fair market value.

16. NON-LIABILITY OF CITY. City shall not be liable or obligated to Owner or any successor-in-interest to owner by reason of its option to purchase under sections 8 and 15, or for any failure to exercise its option to purchase under those sections.

17. FANNIE MAE REQUIREMENTS.

17.1. Insurance Settlements and Condemnation Proceeds. The First Lender shall have a first claim to insurance settlements and condemnation proceeds.

17.2. Termination Upon Foreclosure or Deed in Lieu of Foreclosure. The provisions of this Agreement shall automatically terminate and be of no further force and effect upon a foreclosure or deed in lieu of foreclosure. Any mortgagee who forecloses or accepts a deed in lieu of foreclosure shall take title free and clear of this Agreement and the covenants, conditions and restrictions set forth herein, and the City shall not be entitled to any proceeds from future sales or transfer of the property after foreclosure or acceptance of a deed in lieu of foreclosure.

17.3. Non-Applicability to Private Loans. To the extent Owner obtains a loan from a private individual, the provisions of this Section 17 shall not apply. Notwithstanding the foregoing, the provisions of this Section 17 are intended to fully comply with all requirements of Fannie Mae and nothing contained in this

Section 17.3 shall be deemed to supersede any requirements of 17.1 or 17.2 as to any Fannie Mae loan.

17.4. Non-Applicability to FHA Loans. Notwithstanding any provision in this Agreement, the provisions of this Agreement are intended to fully comply with all requirements of the Federal Housing Administration (FHA) project approval requirements and nothing contained in this Agreement shall be deemed to supersede any project approval requirements imposed by FHA as to any FHA loan.

18. RESTRICTIONS OF FORECLOSURE PROCEEDS. If a creditor acquires title to the residence through a deed in lieu of foreclosure, a trustee's deed upon foreclosure sale, or otherwise, Owner shall not be entitled to the proceeds of sale to the extent that such proceeds otherwise payable to Owner when added to the proceeds paid or credited to the creditor exceed the amount owner would have received by a sale in accordance with section 11. Owner hereby irrevocably instructs the holder of such excess proceeds to pay such proceeds to city as consideration for the regulatory requirements of city allowing the residence to be sold to a household that would not otherwise have been able to afford it.

19. BINDING ON SUCCESSORS. This agreement shall be binding upon Owner, his or her heirs, legal representatives, executors, successors in interest and assigns for the term; and shall inure to the benefit of the City and its successors and assigns.

20. SUPERIORITY OF RESTRICTIVE COVENANT. Owner covenants that he/she/they have not, and will not, execute any other agreement with provisions contradictory to or in opposition to the provisions hereof, and that, in any event, this agreement is controlling as to the rights and obligations between owner (and its successors) and City.

21. RIGHTS OF BENEFICIARIES UNDER FIRST DEED OF TRUST.

21.1. This Agreement shall not diminish or affect the rights of the First Lender under **the** First Deed of Trust or any subsequent First Deed of Trust recorded against the Residence after the Effective Date in accordance with Section 6. For purposes of this Agreement, "First Lender" shall be the lender of a purchase money loan used for the purchase of the Residence which loan is secured by a deed of trust in first position on record title to the Residence as well as a permitted refinancing permitted under Section 6 ("First Deed of Trust").

21.2. Upon written request from Owner, City shall execute a subordination agreement in a form reasonably required by the First Lender subordinating this Agreement to the lien of a First Deed of Trust provided that the First Lender agrees (i) to provide notice of any default to City concurrently with such notice being provided to Owner, (ii) permit the City to cure any default under the First Deed of Trust ("Subordination Agreement"). Any Subordination Agreement shall only run to the benefit of the First Lender and any subsequent holder of the First Deed of Trust but shall not affect the rights and obligations of City or Owner under this Agreement including, but not limited to, Section 15.

22. INVALID PROVISIONS. If any one or more of the provisions contained in this agreement shall be held to be invalid, illegal or unenforceable in any respect, such provision or provisions shall be deemed severable from the remaining provisions contained in this agreement, and this agreement shall be construed as if such invalid, illegal or unenforceable

provision had never been contained herein.

23. **GOVERNING LAW**. This agreement shall be interpreted under the laws of the State of California.

24. **NOTICES**. All notices required herein shall be sent by certified mail, return receipt requested or express delivery service with a delivery receipt and shall be deemed to be effective as date received or the date delivery was refused as indicated on the return receipt as follows:

To Owner:	At the address of the Residence set forth above
To City:	City of Cypress 1415 Santa Anita Avenue Cypress, CA 91733 Attn: Community Development Director
With copy to:	City of Cypress, City Attorney Aleshire & Wynder, LLP 1 Park Plaza, Suite 1000 Irvine CA 92614
To First Lender:	At the address shown on the First Deed of Trust.

A Party may subsequently change addresses by providing written notice of the change in address to the other parties in accordance with this Section 23.

25. **ATTORNEYS' FEES.** Should either Party incur attorneys' fees in seeking the enforcement of this Agreement, whether or not a final court judgment is entered, the prevailing Party shall be entitled to reimbursement of all reasonable costs and expenses incurred by the prevailing Party in such legal proceeding, including reasonable attorneys' fees, court costs and expenses and consultant and expert witness fees and expenses.

26. **AGREEMENT APPURTENANT TO RESIDENCE; COVENANTS TO RUN WITH THE LAND.** This Agreement is appurtenant to and shall run with the Residence as a covenant and equitable servitude in favor of City and shall be binding on all subsequent owners of the Residence. The covenants and restrictions contained herein shall run with the land and shall be a burden upon the Residence and shall be enforceable by the City, its successors in interest and assigns, against the Owner(s) and his/her/their heirs, successors in interest, and assigns. Owner(s) shall furnish a copy of this instrument to any successors in interest.

27. **Further ASSURANCES.** The Parties shall execute any further documents in recordable form consistent with the terms of this Agreement as may from time to time be necessary or appropriate to effectuate the purpose of this Agreement. The City Manager is authorized to execute any further documents on behalf of City.

28. **AMENDMENT OR MODIFICATION**. No modification, rescission, waiver, release or amendment of any provision of this Agreement shall be made except by a written agreement

executed by Owner and City.

29. CONSTRUCTION. This Agreement shall be construed according to its fair meaning as if prepared by both Parties to this Agreement and shall be construed liberally with respect to the enforcement of the affordability requirements. Headings used in this Agreement are provided for convenience only and shall not be used to construe meaning or intent.

30. NO WAIVER. The failure of City to enforce any term, covenant, or condition of this Agreement on the date it is to be performed shall not be construed as a waiver of City's right to enforce this, or any other, term, covenant, or condition of this Agreement at any later date or as a waiver of any term, covenant, or condition of this Agreement.

31. ENTIRE AGREEMENT. This Agreement constitutes the entire understanding and agreement of the Parties and supersedes all prior negotiations, discussions and previous agreements between City and Owner concerning all or any part of the subject matter of this Agreement. The Recitals set forth above are incorporated herein by this reference and made a part of this Agreement.

32. GOOD FAITH COVENANT. The Parties agree to cooperate in good faith to effect the intent of this Agreement.

33. COUNTERPARTS. This Agreement may be signed in one or more counterparts, each of which shall constitute an original. The signature of any Party to this Agreement transmitted to any other party by facsimile or e-mail shall be deemed an original signature of the transmitting party.

IN WITNESS WHEREOF, the Parties have executed this Agreement as of the Effective Date.

"OWNER"

_____

_____

"CITY"

CITY OF CYPRESS,
a California municipal agency

By: _____
Peter Grant, City Manager

ATTEST:

By: _____
Alisha Farnell, City Clerk

APPROVED AS TO FORM:

ALESHIRE & WYNDER, LLP

By: _____
Fred Galante, City Attorney

EXHIBIT A
LEGAL DESCRIPTION

That certain real property in the City of Cypress, County of Orange, State of California legally described as follows:

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF CALIFORNIA

COUNTY OF ORANGE

On _____, 2024 before me, _____ Notary Public, personally appeared _____, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity, and that by his/her/their signature(s) on the instrument the person(s), or the entity(ies) upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

_____
Signature of Notary

SEAL

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF CALIFORNIA

COUNTY OF ORANGE

On _____, 2024 before me,
_____ Notary Public, personally appeared _____, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity, and that by his/her/their signature(s) on the instrument the person(s), or the entity(ies) upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

_____
Signature of Notary

SEAL

EXHIBIT D

Covenant Deed of Trust

EXHIBIT D
FORM OF COVENANT DEED OF TRUST

RECORDING REQUESTED BY AND
WHEN RECORDED MAIL TO:

5275 Orange Ave.
Cypress CA 90630
Attn: City Manager

Exempt from payment of recording fees pursuant to Government Code § 6103.

DEED OF TRUST WITH ASSIGNMENT OF RENTS

(Securing Affordable Housing Covenants)

THIS DEED OF TRUST WITH ASSIGNMENT OF RENTS ("**Deed of Trust**") is made as of the ____ day of _____, 2024, by _____ (as "**Trustor**"), whose address is _____ Cypress, California _____, to FIDELITY NATIONAL TITLE INSURANCE COMPANY (as "**Trustee**"), for the benefit of the CITY OF CYPRESS, a California municipal corporation (as "**Beneficiary**"), whose address is 5275 Orange Ave., Cypress CA 90630.

WITNESSETH: That Trustor grants to Trustee in trust, with power of sale, that property in the City of Cypress, County of Orange, State of California, described as set forth on Exhibit A attached hereto and hereby incorporated herein by reference ("**Property**") together with rents, issues and profits thereof, subject, however, to the right, power and authority hereinafter given to and conferred upon Beneficiary to collect and apply such rents, issues and profits for the purpose of securing (1) that certain Affordability Covenants and Restrictions Affecting Real Property and Option to Purchase Property Secured by Deed of Trust of even date herewith between Trustor and Beneficiary, and extensions of modifications thereof which is being recorded concurrently herewith ("**Affordable Housing Agreement**"); (2) the performance of each agreement of Trustor incorporated by reference or contained herein; and (3) payment of any and all sums and interest thereon which may hereafter be loaned to Trustor, or his or her successors or assigns, when evidenced by a promissory note or notes reciting that they are secured by this Deed of Trust.

THIS DEED OF TRUST IS HEREBY MODIFIED/SUPPLEMENTED BY THE TERMS OF THAT CERTAIN RIDER TO DEED OF TRUST WHICH IS ATTACHED TO THIS DEED OF TRUST AND HEREBY INCORPORATED BY REFERENCE.

To protect the security of this Deed of Trust, and with respect to the Property, Trustor expressly makes each and all of the agreements, and adopts and agrees to perform and be bound by each and all of the terms and provisions set forth in subdivision A, and it is mutually agreed that each and all of the terms and provisions set forth in subdivision B of the fictitious deed of trust recorded in Orange County August 17, 1964, and in all other counties August 18, 1964, in the book and at the page of Official Records in the office of the county recorder of the county where said property is located, noted below opposite the name of such county, namely:

COUNTY	BOOK	PAGE	COUNTY	BOOK	PAGE	COUNTY	BOOK	PAGE	COUNTY	BOOK	PAGE
Alameda	1288	556	Kings	858	713	Placer	1028	379	Sierra	38	187
Alpine	3	130-31	Lake	437	110	Plumas	166	1307	Siskiyou	506	762
Amador	133	438	Lassen	192	367	Riverside	3778	347	Solano	1287	621
Butte	1330	513	Los Angeles	T-3878	874	Sacramento	5039	124	Sonoma	2057	427
Calaveras	185	338	Madera	911	136	San Benito	300	405	Stanislaus	1970	56
Colusa	323	391	Marin	1849	122	San Bernardino	6213	768	Sutter	655	585
Contra Costa	4684	1	Mariposa	90	453	San Francisco	A-804	596	Tehama	457	183

Del Norte	101	549	Mendocino	667	99	San Joaquin	2855	283	Trinity	108	595
El Dorado	704	635	Merced	1660	753	San Luis Obispo	1311	137	Tulare	2530	108
Fresno	5052	623	Modoc	191	93	San Mateo	4778	175	Tuolumne	177	160
Glenn	469	76	Mono	69	302	Santa Barbara	2055	881	Ventura	2607	237
Humboldt	801	83	Monterey	357	239	Santa Clara	6626	664	Yolo	769	16
Imperial	1189	701	Napa	704	742	Santa Cruz	1638	607	Yuba	398	693
Inyo	165	672	Nevada	363	94	Shasta	800	633			
Kern	3756	690	Orange	7182	18	San Diego	SERIES 5 Book 1964, Page 149774				

shall inure to and bind the parties hereto, with respect to the property above described. Said agreements, terms and provisions contained in said subdivision A and B (identical in all counties, and printed on pages 3 and 4 hereof) are by the within reference thereto, incorporated herein and made a part of this Deed of Trust for all purposes as fully as if set forth at length herein, and Beneficiary may charge for a statement regarding the obligation secured hereby, provided the charge therefor does not exceed the maximum allowed by law.

TRUSTOR

_____

_____

DO NOT RECORD

The following is a copy of Subdivisions A and B of the fictitious Deed of Trust recorded in each county in California as stated in the foregoing Deed of Trust and incorporated by reference in said Deed of Trust as being a part thereof as if set forth at length therein.

A. To protect the security of this Deed of Trust, Trustor agrees:

1) To keep said property in good condition and repair, not to remove or demolish any building thereon; to complete or restore promptly and in a good and workmanlike manner any building which may be constructed, damaged or destroyed thereon and to pay when due all claims for labor performed and materials furnished therefor, to comply with all laws affecting said property or requiring any alterations or improvements to be made thereon; not to commit or permit waste thereof; not to commit, suffer or permit any act upon said property in violation of law; to cultivate, irrigate, fertilize, fumigate, prune and do all other acts which from the character or use of said property may be reasonably necessary, the specific enumerations herein not excluding the general.

2) To provide, maintain and deliver to Beneficiary fire insurance satisfactory to and with loss payable to Beneficiary. The amount collected under any fire or other insurance policy may be applied by Beneficiary upon any indebtedness secured hereby and in such order as Beneficiary may determine, or at the option of Beneficiary the entire amount so collected or any part thereof may be released to Trustor. Such application or release shall not cure or waive any default or notice of default hereunder or invalidate any act done pursuant to such notice.

3) To appear in and defend any action or proceeding purporting to affect the security hereof or the rights or powers of Beneficiary or Trustee; and to pay all costs and expenses, including cost of evidence of title and attorney's fees in a reasonable sum, in any such action or proceeding in which Beneficiary or Trustee may appear, and in any suit brought by Beneficiary to foreclose this Deed.

4) To pay: at least ten days before delinquency all taxes and assessments affecting said property, including assessments on appurtenant water stock; when due, all encumbrances, charges and liens, with interest, on said property or any part thereof, which appear to be prior or superior hereto; all costs, fees and expenses of this Trust.

Should Trustor fail to make any payment or to do any act as herein provided, then Beneficiary of Trustee, but without obligation so to do and without notice to or demand upon Trustor and without releasing Trustor from any obligation hereof, may: make or do the same is such manner and to such extent as either may deem necessary to protect the security hereof, Beneficiary or Trustee being authorized to enter upon said property for such purposes; appear in and defend any action or proceeding purporting to affect the security hereof or the rights or powers of Beneficiary or Trustee; pay, purchase, contest or compromise any encumbrance, charge or lien which in the judgment of either appears to be prior or superior hereto; and, in exercising any such powers, pay necessary expenses, employ counsel and pay his reasonable fees.

5) To pay immediately and without demand all sums so expended by Beneficiary or Trustee, with interest from the date of expenditure at the amount allowed by law in effect at the date hereof, and to pay for any statement provided for by law in effect at the date hereof regarding the obligation secured hereby any amount demanded by the Beneficiary not to exceed the maximum allowed by law at the time when said statement is demanded.

B. It is mutually agreed:

1) That any award in connection with any condemnation for public use of or injury to said property or any part thereof is hereby assigned and shall be paid to Beneficiary who may apply or release such moneys received by him in the same manner and with the same effect as above provided for disposition of proceeds of fire or other insurance.

2) That by accepting payment of any sum secured hereby after its due date, Beneficiary does not waive his right either to require prompt payment when due of all other sums so secured or to declare default for failure so to pay.

3) That at any time or from time to time, without liability therefor and without notice, upon written request of Beneficiary and presentation of this Deed and said note for endorsement, and without affecting the personal liability of any person for payment of the indebtedness secured hereby, Trustee may: reconvey any part of said property; consent to the making of any map or plat thereof; join in granting any easement thereon, or join in any extension agreement or any agreement subordinating the lien or charge hereof.

4) That upon written request of Beneficiary stating that all sums secured hereby have been paid, and upon surrender of this Deed and said note to Trustee for cancellation and retention or other disposition as Trustee in its sole discretion may choose and upon payment of its fees, Trustee shall reconvey, without warranty, the property then held hereunder. The recitals in such reconveyance of any matters or facts shall be conclusive proof of the truthfulness thereof. The Grantee in such reconveyance may be described as “the person or persons legally entitled thereto.”

5) That as additional security, Trustor hereby gives to and confers upon Beneficiary the right, power and authority, during the continuance of these Trusts, to collect the rents, issues and profits of said property, reserving unto Trustor the right, prior to any default by Trustor in payment of any indebtedness secured hereby or in the performance of any agreement hereunder, to collect and retain such rents, issues and profits as they become due and payable. Upon any such default, Beneficiary may at any time without notice, either in person, by agent, or be a receiver to be appointed by a court, and without regard to the adequacy of any security for the indebtedness hereby secured, enter upon and take possession of said property or any part thereof, in his own name sue for or otherwise collect such rents, issues, and profits, including those past due and unpaid, and apply the same, less costs and expenses of operation and collection, including reasonable attorney's fees, upon any indebtedness secured hereby, and in such order as Beneficiary may determine. The entering upon and taking possession of said property, the collecting of such rents, issues and profits and the application thereof as aforesaid, shall not cure or waive any default or notice of default hereunder or invalidate any act done pursuant to such notice.

6) That upon default by Trustor in payment of any indebtedness secured hereby or in the performance of any agreement hereunder, Beneficiary may declare all sums secured hereby immediately due and payable by delivery to Trustee of written declaration of default and demand for sale and of written notice of default and of election to cause to be sold said property, which

notice Trustee shall cause to be filed for record. Beneficiary also shall deposit with Trustee this Deed, said note and all documents evidencing expenditures secured hereby.

After the lapse of such time as may then be required by law following the recordation of said notice of default, and notice of sale having been given as then required by law, Trustee, without demand on Trustor, shall sell said property at the time and place fixed by it in said notice of sale, either as a whole or in separate parcels, and in such order as it may determine, at public auction to the highest bidder for cash in lawful money of the United States, payable at time of sale. Trustee may postpone sale of all or any portion of said property by public announcement at such time and place of sale, and from time to time thereafter may postpone such sale by public announcement at the time fixed by the preceding postponement. Trustee shall deliver to such purchaser its deed conveying the property so sold, but without any covenant or warranty, express or implied. The recitals in such deed of any matters or facts shall be conclusive proof of the truthfulness thereof. Any person, including Trustor, Trustee, or Beneficiary as hereinafter defined, may purchase at such sale.

After deducting all costs, fees and expenses of Trustee and of this Trust, including cost of evidence of title in connection with sale, Trustee shall apply the proceeds of sale to payment of: all sums expended under the terms hereof, not then repaid, with accrued interest at the amount allowed by law in effect at the date hereof; all other sums then secured hereby; and the remainder, if any, to the person or persons legally entitled thereto.

7) Beneficiary, or any successor in ownership of any indebtedness secured hereby, may from time to time, by instrument in writing, substitute a successor or successors to any Trustee named herein or acting hereunder, which instrument, executed by the Beneficiary and duly acknowledged and recorded in the office of the recorder of the county or counties where said property is situated shall be conclusive proof of proper substitution of such successor Trustee or Trustees, who shall, without conveyance from the Trustee predecessor, succeed to all its title, estate, rights, powers and duties. Said instrument must contain the name of the original Trustor, Trustee and Beneficiary hereunder, the book and page where this Deed is recorded and the name and address of the new Trustee.

8) That this Deed applies to, inures to the benefit of, and binds all parties hereto, their heirs, legatees, devisees, administrators, executors, successors and assigns. The term Beneficiary shall mean the owner and holder, including pledgees, of the note secured hereby, whether or not named as Beneficiary herein. In this Deed, whenever the context so requires, the masculine gender includes the feminine and/or neuter, and the singular number includes the plural.

9) That Trustee accepts this Trust when this Deed, duly executed and acknowledged, is made a public record as provided by law. Trustee is not obligated to notify any party hereto of pending sale under any other Deed of Trust or of any action or proceeding in which Trustor, Beneficiary or Trustee shall be a party unless brought by Trustee.

DO NOT RECORD

REQUEST FOR FULL RECONVEYANCE

TO _____, TRUSTEE:

The undersigned is the legal owner and holder of the note or notes and of all indebtedness secured by the foregoing Deed of Trust. Said note or notes, together with all other indebtedness secured by said Deed of Trust, have been fully paid and satisfied; and you are hereby requested and directed, on payment to you of any sums owing to you under the terms of said Deed of Trust, to cancel said note or notes above mentioned, an all other evidences of indebtedness secured by said Deed of Trust delivered to you herewith, together with the said Deed of Trust, and to reconvey, without warranty, to the parties designated by the terms of said Deed of Trust, all the estate now held by you under the same.

Dated _____

_____

_____

Please mail Deed of Trust,
Note and Reconveyance to _____

Do Not lose or destroy this Deed of Trust OR THE NOTE which it secures. Both must be delivered to the Trustee for cancellation before reconveyance will be made.

RIDER TO DEED OF TRUST WITH ASSIGNMENT OF RENTS

THIS RIDER TO DEED OF TRUST WITH ASSIGNMENT OF RENTS ("**Rider**") is attached to and incorporated by reference to that certain Deed of Trust With Assignment of Rents, executed by _____ as "**Trustor**," in which FIRST AMERICAN TITLE COMPANY is "**Trustee**," in favor of the CITY OF CYPRESS, a California municipal corporation, as "**Beneficiary**." The Deed of Trust, as hereby modified/supplemented by this Rider, is hereinafter referred to as the "**Deed of Trust**."

All terms which are not defined in this Deed of Trust shall have the meaning given in the Affordable Housing Agreement.

The parties hereto agree:

1. Obligations Secured. Trustor makes this grant and assignment for the purpose of securing the following obligations:

a. Payment and performance of all obligations of Trustor under this Deed of Trust;

b. Payment of all obligations of Trustor under the Affordable Housing Agreement;

c. Payment of all future advances and other obligations of Trustor or any other person, firm, or entity with the approval of Trustor, may agree to pay and/or perform (whether as principal, surety or guarantor) for the benefit of Beneficiary, when the obligation is evidenced by a writing which recites that it is secured by this Deed of Trust; and

d. All modifications, extensions and renewals of any of the obligations secured hereby, however evidenced.

2. No Renting or Leasing. Trustor acknowledges and agrees that Trustor shall occupy the Property as Trustor's principal residence in accordance with the Affordable Housing Agreement and shall not rent or lease the Property. Nothing in the Deed of Trust including the assignment of rents shall be interpreted or construed to permit the Trustor to rent or lease the Property.

3. Mortgagee-in-Possession. Neither the assignment of rents set forth in the Deed of Trust nor the exercise by Beneficiary of any of its rights or remedies hereunder shall be deemed to make Beneficiary a "mortgagee-in-possession" or otherwise liable in any manner with respect to the Property, unless Beneficiary, in person or by agent, assumes actual possession thereof. Nor shall appointment of a receiver for the Property by any court at the request of Beneficiary or by agreement with Trustor, or the entering into possession of the Property by such receiver, be deemed to make Beneficiary a "mortgagee-in-possession" or otherwise liable in any manner with respect to the Property.

4. Restriction on Transfer of Property; Beneficiary's Right to Accelerate. In no event shall Borrower transfer any portion of the Property in violation of the Affordable Housing Agreement without the prior express written consent of Beneficiary which consent shall be given by Beneficiary only in the event that Beneficiary determines that the assignee or transferee is an Eligible Purchaser, that the assignee's or transferee's monthly housing payments are at an Affordable Housing Cost, and that the assignee or transferee has expressly assumed the Note and the Affordable Housing Agreement by execution of a written assignment document to be provided by the Beneficiary. Violation of the transfer restrictions can result in the acceleration of Note as provided in the Affordable Housing Agreement.

5. No Cure. In the event Beneficiary collects and receives any rents under the Deed of Trust upon any default hereof, such collection or receipt shall in no way constitute a curing of the default.

6. Waiver. No delay or omission by Beneficiary in exercising any right or power accruing upon the compliance or failure of performance by Trustor hereto under the provisions of this Deed of Trust shall

impair any such right or power or be construed to be a waiver thereof. A waiver by Beneficiary of a breach, default or any other failure of performance by Trustor of any of the covenants, conditions or agreements hereof to be performed by Trustor shall not be construed as a waiver of any succeeding breach of the same or other covenants, agreements, restrictions or conditions hereof.

7. Default. Any default under the Affordable Housing Agreement shall be deemed a default under this Deed of Trust.

IN WITNESS WHEREOF, Trustor has executed this Rider to be effective for all purposes as of the day and year first set forth above.

TRUSTOR:

_____

_____

EXHIBIT "A"

LEGAL DESCRIPTION OF PROPERTY

All that certain property located in the City of Cypress, County of Orange, State of California, legally described as follows:

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California)

County of _____)

On _____, 2024 before me, _____,
(insert name and title of the officer)

personally appeared _____,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature _____ (Seal)

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF CALIFORNIA)
)
COUNTY OF _____)

On _____ 2024, before me, _____, Notary Public, personally appeared _____,who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument, the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

_____

[SEAL]

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF CALIFORNIA)
)
COUNTY OF _____)

On _____ 2024, before me, _____, Notary Public, personally appeared _____,who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument, the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

_____

[SEAL]

CITY OF CYPRESS

CITY COUNCIL REPORT

City Council Regular **16.**

FROM: Peter Grant, City Manager

DATE: 03/25/2024

SUBJECT: **Review, Potentially Revise, and Adopt the City Council's Civility, Conduct, Ethics and Governance Policy**

RECOMMENDATION

1. Review, Potentially Revise, and Adopt the City Council's Civility, Conduct, Ethics, and Governance Policy; and

2. Require each Council Member to sign the Civility, Conduct, Ethics, and Governance Policy and Code of Ethics by April 5, 2024.

DISCUSSION

The City Council adopted the Civility, Conduct, Ethics, and Governance Policy in February 2022 and revised it in February 2023. The Policy is intended to create a positive, productive working relationship among Council Members, the City Manager, City staff, and our community. The Policy is a framework for effective governance and involves ongoing discussions and agreements about unity of purpose, roles, responsibilities, norms and protocols that enable the City Council and City Management team to continue to perform its responsibilities in a way that best benefits Cypress. The Policy requires annual City Council review and revision (if appropriate) as a new business item.

BUDGET IMPACT

None.

LEGAL REVIEW

None.

APPROVED BY: Peter Grant, City Manager

Attachments

Civility, Conduct, Ethics and Governance Policy

CITY OF CYPRESS

CIVILITY, CONDUCT, ETHICS AND GOVERNANCE POLICY

Adopted February 13, 2023

City Council

Anne Hertz-Mallari, Mayor
Scott Minikus, Mayor Pro Tem
David Burke, Council Member
Frances Marquez, Council Member
Bonnie Peat, Council Member

Civility, Conduct. Ethics and Governance Policy

SIGNATURE PAGE

We have reviewed and agree to follow the Civility, Conduct, Ethics and Governance Policy in order to support a positive and productive working relationship among the Cypress City Council, City Manager, City staff, and the community. We shall review the Policy annually.

Anne Hertz-Mallari, Mayor

Scott Minikus, Mayor Pro Tem

David Burke, Council Member *

Frances Marquez, Council Member

Bonnie Peat, Council Member

Peter Grant, City Manager

* My signature on this document does not constitute a waiver of any rights, privileges, or benefits, that were conferred upon my election to the Cypress City Council.

Civility, Conduct. Ethics and Governance Policy

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Civility, Conduct. Ethics and Governance Policy

PURPOSE

The City of Cypress is committed to the democratic process, individual rights of expression, robust debate, and tolerance for disparate views. Adopting a civility, conduct, ethics and governance policy that establishes rules of decorum and principles of civility applicable to all public meetings and in all interactions in the workplace helps ensure that civic engagement and local democracy continue to flourish in Cypress.

The Civility, Conduct, Ethics and Governance Policy (the Policy) is intended to promote mutual respect, civility, and orderly conduct among elected and appointed City officials, City staff, and our community. The Policy is not intended to deprive any person of his/her right to freedom of expression, but to promote, to the extent possible and reasonable, open dialogue and positive communications while discouraging intimidating, demeaning, volatile, hostile or aggressive actions.

In order to safeguard participatory democracy in Cypress, all elected officials, appointed officials and City employees are expected to adhere to the standards of conduct established in the Policy.

The Policy is a framework for effective governance and involves ongoing discussions and agreements about unity of purpose, roles, responsibilities, norms and protocols that enable the City Council and City Management team to continue to perform its responsibilities in a way that best benefits Cypress.

The City Council and City Management must function together as a governance leadership team to effectively serve our community. Agreed-upon behaviors and operating protocols support consistent behaviors and actions among team members. The Policy ensures a positive, productive working relationship among Council Members, the City Manager, City staff, and our community. The Policy is developed for, and by, the governance team and may be modified as needed.

The Policy shall be:

- Signed by Council Members and posted on the City website.
- Signed by Commissioners.
- Provided to candidates for election to the City Council and reviewed in City Council candidate orientations.
- Provided to applicants for appointment to commissions.
- Reviewed by the City Council annually for self-evaluation, discussion, and revision (if appropriate) as a new business item.
- Reviewed by the City Council for self-evaluation, discussion, and revision (if appropriate) as a new business item within 60 days of new member joining the City Council or the appointment of a new City Manager or City Attorney.

Civility, Conduct. Ethics and Governance Policy

For the purposes of this Policy, "Mayor" refers to the chair of any public meeting or meeting of a City Council authorized Commission, Board or Subcommittee and "City Council" also refers to all Commissions, Board or Subcommittees.

Civility, Conduct. Ethics and Governance Policy

MISSION STATEMENT

The City of Cypress, in partnership with the community, sustains and enhances our safe, attractive and quality environment in which to live, work and play.

VISION STATEMENT

Cypress, an engaged and diverse community, will honor the past and embrace sustainable growth for families and businesses to prosper.

CORE VALUES/GUIDING PRINCIPLES

The City of Cypress values…
Integrity
Accountability
Transparency
Fiscal prudence
Teamwork
Responsiveness to the community

Civility, Conduct. Ethics and Governance Policy

CIVILITY & CONDUCT PROTOCOLS

In interactions with each other, City staff and the community, Council Members will:

C1. Be respectful; especially when there is disagreement.

C2. Be honest and truthful.

C3. Treat each other and everyone with courtesy and refrain from behavior that is contrary to this Policy or derogatory comments; and refrain from inciting such behavior or derogatory comments.

C4. Make our community feel welcome; and strive to make people feel heard by listening carefully, asking clarifying questions, and seeking to understand.

C5. Role model good leadership by being professional, demonstrating effective leadership for our community, and adhering to this Policy.

C6. Confront challenging topics directly and resolve conflicts directly.

C7. Keep an open mind; be willing to change views with new information, data, etc.

C8. Be accountable and responsible for their actions and words, even when it is uncomfortable to do so. This includes apologizing when a Council Member's behavior falls short of the Policy's aspirational standards.

C9. Be open to constructive feedback.

C10. Present problems in a way that promotes discussion and resolution.

C11. Credit others' contributions to moving our community's interests forward.

C12. Treat City staff professionally and refrain from publicly criticizing employees.

C13. Assume good intentions and not pre-judge others.

C14. Debate the facts of the situation and avoid personalities and personal attacks.

C15. Endeavor to resolve interpersonal issues between Council Members outside of a City Council meeting and not permit interpersonal issues to impact the governance team.

C16. Explain disagreement in a way that focuses on the merits of an issue and recognizes that reasonable people of differing interests/good intentions can disagree on what is best for our community.

C17. Act in a manner that reflects the belief that Council Members, City staff and others who serve the City are on the same team in service to our community, even though we have different roles.

C18. Fact-check information with colleagues, the City Manager, the City Attorney and others.

C19. Make themselves available for one-on-one conversations about the values in this Policy.

GOVERNANCE PROTOCOLS

To promote a positive governance team culture, Council Members will:

G1. Prepare for and engage in meetings.

G2. Debate the merits of decisions with fellow Council Members.

G3. Make decisions based on their sense of our community's best interests. Remain mindful of the nonpartisan nature of city, county, school and judicial offices provided for in California's Constitution.

G4. Work collaboratively to improve Cypress' quality of life and promote our community's best interests.

G5. Consider the larger picture and gather community input to make the best decision.

G6. Consider the short-, medium-, and long-term effects of decisions.

G7. Be prepared to make unpopular decisions when our community's best interests requires it.

G8. Attempt to build consensus through dialogue. When this is not possible, the majority vote shall prevail and the majority shall show respect for the opinion of the minority.

G9. Be fair, impartial, and unbiased when voting on quasi-judicial actions and provide fair and equal treatment for all persons and matters.

G10. Explain the official positions of the City to the best of their ability when authorized to do so.

G11. Be clear in stating personal views and make it clear that those views may not represent the City's position.

G12. Do not commit the City to an action/position without City Council or City Manager approval.

G13. Preserve order and decorum during meetings.

G14. Keep comments clear, concise, and on-topic to maximize opportunities for all to express themselves.

G15. Alert the City Manager or City Attorney in advance when planning to ask questions about an agenda item so City staff can be prepared to provide the most complete answer to inform the City Council and our community.

G16. Act on the understanding that Council Members are part of a group decision-making process and that the City Manager and City Attorney take direction from City Council collective action.

G17. Speak directly to the City Manager in a timely manner about concerns about City operations, City staff analyses, or City staff performance.

G18. Support the City Manager's efforts to implement City Council policy decisions through the City's administrative service.

G19. Understand that City staff's role is to provide objective information and analysis to inform the decision-making process within the resources that they have available, even if this information and analysis do not support the decision an individual Council Member believes is best.

G20. Work through the City Manager on matters that involve another public agency or City contractor.

G21. Participate in regular educational activities to enhance understanding of a wide variety of issues; including completing all State or City-required training in timely manner.

G22. Use the Strategic Planning process to propose new programs and policies.

G23. Place clear and realistic demands on City staff resources and time.

G24. Read their City emails at least three times per week.

G25. Read all weekly reports before the next one is distributed.

G26. Respond to notices and event RSVP deadlines. If no response is received, City staff will assume that the Council Member will not attend.

G27. Respond to inquiries and requests for feedback/review by the established deadline.

G28. Start and end meetings on time, work from an agenda, and be present, attentive, and prepared.

G29. Attend, and actively participate in, all meetings of organizations, boards and committees to which a Council Member is appointed by the City Council. If a Council Member cannot attend a meeting, they shall immediately alert the alternative representative, Mayor and City Manager.

G30. Adhere to the Brown Act, maintain confidentiality, and only disclose confidential information when a majority vote of the City Council has authorized such disclosure.

G31. Refrain from texting and the use of social media during public meetings, except in the case of urgent need or emergency.

G32. Use the speaker sequencing system to inform the Mayor of their wish to speak and wait to be acknowledged before speaking.

Civility, Conduct. Ethics and Governance Policy

CODE OF ETHICS

The following principles shall constitute the Cypress Code of Ethics, applicable to all members of the City Council. Council Members entering office shall sign a statement affirming they read and understood the Code of Ethics. In addition, this Code of Ethics shall be periodically reviewed and updated by the City Council:

E1. Act in the public interest: Recognizing that stewardship of the public interest must be their primary concern, Council Members will work for the common good of the community and not for any private or personal interest, and they will assure fair and equal treatment of all persons, claims and transactions coming before the City Council.

E2. Comply with the law: Council Members shall comply with the laws of the nation, the State of California and the City of Cypress in the performance of their public duties. These laws include, but are not limited to: the United States and California Constitutions; the Charter; the Municipal Code; laws pertaining to conflicts of interest, election campaigns, financial disclosures, employer responsibilities, and open processes of government. Council Members shall also comply with all applicable City policies and procedures.

E3. Conduct of Council Members: The professional and personal conduct of Council Members must be above reproach and should avoid even the appearance of impropriety. Council Members shall refrain from abusive conduct, personal charges or verbal attacks upon the character of other members of the City Council, City staff or public.

E4. Respect for process: Council Members shall perform their duties in accordance with the processes and rules of order established by the City Council governing the deliberation of public policy issues, meaningful involvement of the public, and implementation of policy decisions of the City Council by City staff.

E5. Incompatible employment: No Council Member, City employee or other public official shall engage in or accept private employment, or render services for private interests, when such employment or service is incompatible with the proper discharge of his/her official duties or would tend to impair his/her independence of judgment or action in the performance of his/her official duties.

E6. Use of public property: No Council Member or City employee shall request or permit the use of City owned vehicles, equipment, materials or property for personal convenience or profit, except when such services are available to the public generally, and in the same manner as available to the public, or are provided as City policy for the use of such official in the conduct of official business. No official shall use the time of any City employee during working hours for personal purposes.

E7. Contracts with City: Council Members, City employees, or public officials shall not have a financial interest in any business transaction, or contract with the

City, or in the sale of real estate, materials, supplies or services to the City, except as permitted in the conflict of interest statutes of the state.

E8. Disclosure of interest in legislation: A Council Member who has a financial or other private interest in any legislation shall disclose on the records of the City Council or other appropriate authority the nature and extent of such interest.

E9. Conflict of interest: In order to assure their independence and impartiality on behalf of the common good, Council Members shall not use their official positions to influence government decisions in which they have a material financial interest. In accordance with the law, Council Members shall disclose investments, interests in real property, sources of income and gifts; and abstain from participating in deliberations and decision-making where conflicts, as determined under applicable laws, may exist. Council Members should endeavor to consult with the City Attorney before any Council meeting to allow an evaluation by the City Attorney of any potential conflict.

E10. Confidential information: Council Members shall respect the confidentiality of information concerning the property, personnel or affairs of the City. They shall neither disclose confidential information without proper legal authorization, nor use such information to advance their personal, financial or other private interests.

E11. Advocacy: When representing the City while serving on or appearing before other government agencies or in court, Council Members shall represent the official policies or positions of the City Council to the best of their ability when designated as delegates for this purpose. When representing the City while serving on or appearing before other government agencies or in court, Council Members shall advocate policies that are in the best interest of the City over their own personal interests. When presenting their individual opinions and positions, Council Members shall explicitly state they do not represent the City Council or the City, and shall not allow the inference that they do.

E12. Positive workplace environment: Council Members shall support a positive and constructive workplace environment for City employees and for citizens and businesses dealing with the City. Council Members shall recognize their special role in dealings with City employees and not provide direction to City staff in violation of the City Charter.

ENFORCEMENT OF THE POLICY FOR COUNCIL MEMBERS

The Policy establishes guiding principles for appropriate conduct and behavior and sets forth the expectations of Council Members. The Policy establishes a process and procedure that:

- Allows the community, Council Members, and City staff to report Policy violations or other misconduct.

- Provides guidelines to evaluate Policy violations or other misconduct and implement appropriate disciplinary action.

The City Council may discipline Council Members who violate the Charter, the Municipal Code, the Policy, or engage in other misconduct. In determining the sanction imposed, the following factors may be considered:

- Nature of the violation.
- Prior violations by the same individual.
- Other factors which bear upon the seriousness of the violation.

At the discretion of the City Council, sanctions may be imposed for violating the Charter, the Municipal Code, the Policy, or engaging in other misconduct. These sanctions may be applied individually or in combination. They include, but are not limited to:

Admonishment
A warning to the City Council about a particular action/behavior that violates City policy.

Direction to Correct
Direction to an individual Council Member to correct the result of a particular action/behavior that violates law or City policy.

Informal Reprimand
Reprimand to an individual Council Member when a particular action/behavior (or set of actions/behaviors) violates law or City policy, but is considered by the City Council to be not sufficiently serious to require censure.

Revocation of Special Privileges
Revocation of a Council Member's committee assignments, regional boards and commissions, and community-generated board/committee appointments; suspension of official travel, conference participation, access to a City credit card, City Council salary, stipends, and ceremonial titles.

Censure
An official City Council reprimand of a Council Member. The Municipal Code establishes the censure process.

ADDRESSING THE CITY COUNCIL IN A PUBLIC MEETING

Oral Communications are an opportunity for the City Council to hear from the public and is not the time for a dialogue between the City Council and the public. Council Members make take note of comments or questions for follow-up, and at the conclusion of Oral Communications, and upon recognition by the Mayor, may pose those questions to City

staff. If the Mayor perceives, or is alerted by another Council Member, of a substantial factual issue with a member of the public's comments, the Mayor may ask the City Manager or City Attorney for an immediate clarification at the end of the speaker's comments.

Generally, if a matter presented during Oral Communications requires follow-up, it shall be referred to the City Manager, and if the City Council determines that action is required, the item may be placed on a future agenda following established processes.

To ensure the highest standard of respect and integrity during public meetings, attendees should:

P1. Address all comments to the City Council as a whole and not to any individual member.

P2. Treat everyone courteously.

P3. Listen to City officials and other community members respectfully.

P4. Exercise self-control and avoid threats and personal attacks against anyone.

P5. Give open-minded consideration to all viewpoints.

P6. Focus on issues and avoid personalizing debate.

P7. Embrace respectful disagreement and dissent as democratic rights that are inherent components of an inclusive public process and tools for forging sound decisions and allow all members of the public to speak without intimidation or interruption.

P8. Not engage in disorderly or boisterous conduct that disturbs, disrupts, or otherwise impedes the orderly conduct of the meeting.

P9. Obey any lawful order of the Mayor to enforce this Policy.

P10. Honor efforts by the Mayor to focus discussion on current agenda items.

P11. Show respect for facilities that host public meetings, by avoiding acts that may damage the facility or its equipment/furniture and not bring food or beverages (other than water) to public meetings.

ENFORCEMENT OF THE POLICY FOR MEMBERS OF THE PUBLIC

The Mayor shall be responsible for maintaining the decorum and civility at public meetings and enforcing this Policy in a uniform and even-handed manner. The Mayor may intervene to ensure that Council Members do not interrupt members of the public while speaking.

In the event that any member of the public breaches this Policy in a manner that disturbs, disrupts, or otherwise impedes the orderly conduct of a public meeting, the Mayor shall order that person to cease the offending conduct.

If any member of the public continues to breach the Policy in a manner that disturbs, disrupts, or otherwise impedes the orderly conduct of a public meeting following an order from the Mayor to cease the offending conduct, the Mayor may order that person to leave the public meeting and may engage the efforts of law enforcement as necessary to carry out the order.

If a member of the public acts abusively towards a City employee outside of a public meeting but in the workplace, the City will issue an oral warning. If a member of the public does not improve his/her behavior in response to a warning, the City will require the abusive individual to leave the premises.

The above-described remedies for compliance with this Policy are not exclusive and shall not preclude the application or use of other remedies provided by State law or the Municipal Code.