



CITY OF CHANDLER JOB ORDER PROJECT AGREEMENT

Project Name: **POLICE DEPARTMENT AIR CONDITIONER PROPERTY AND EVIDENCE
911 TRAINING ROOM**

Project No. **BF2108.402**

This JOB ORDER PROJECT AGREEMENT ("Job Order") is made this _____ day of _____ 2021 ("Effective Date"), by and between the City of Chandler, an Arizona municipal corporation, ("City") and **FCI Constructors, Inc.**, a Colorado corporation, ("JOC Contractor") and is entered into pursuant to Job Order Master Agreement No. JOC1911.401 ("JOC Master Agreement"). City and JOC Contractor may be referred to individually as "Party" or collectively as "Parties").

City and JOC Contractor, in consideration of the mutual covenants herein set forth, agree as follows:

RECITALS

A. On or about January 23, 2020, the Parties entered into the JOC Master Agreement, which terms and conditions are made a part of and incorporated into this Job Order Project Agreement by this reference.

B. City proposes to engage JOC Contractor to install a new air conditioner in the 911 Training Room at the Property and Evidence building located on the northeast corner of Hartford and Pecos Road as more fully described in **Exhibit "A"**, which is attached to and made a part of this Job Order by this reference.

C. JOC Contractor is ready, willing, and able to provide the services described in **Exhibit "A"** for the compensation and fees set forth and as described in **Exhibit "B"**, which is attached to and made a part of this Agreement by this reference.

ARTICLE 1. DESCRIPTION OF WORK

The Parties enter into this Job Order Project Agreement for the **POLICE DEPARTMENT AIR CONDITIONER PROPERTY AND EVIDENCE 911 TRAINING ROOM**, Project Number **BF2108.402**. The scope of work consists of installing a new air conditioner in the 911 Training Room at the Property and Evidence building located on the northeast corner of Hartford and Pecos Road., all as more particularly set forth in **Exhibit "A"** attached hereto and incorporated herein by reference.

The JOC Contractor will not accept any change of scope, or change in contract provisions, unless issued in writing, as a contract amendment or change order and signed by the authorized signatories for each party.

Performance and Payment Bonds, as set forth in **Exhibit "C"** and **Exhibit "D"** respectively attached hereto and incorporated herein by reference, will be due prior to execution of each Job Order Project Agreement in the full amount of each Job Order.

At project completion, JOC Contractor must complete Contractor's Affidavit Regarding Settlement of Claims and Certificate of Completion, as set forth in **Exhibit "E"** and **Exhibit "F"** respectively attached hereto and incorporated herein by reference.

ARTICLE 2. PROJECT PRICE

City will pay JOC Contractor for completion of the Work in accordance with the JOC Master Agreement a fee not to exceed the Guaranteed Maximum Price of **\$76,639.10** Dollars determined and payable as set forth in JOC Master Agreement and **Exhibit "B"** attached hereto and made a part hereof by reference.

ARTICLE 3. CONTRACT TIME & SCHEDULE

JOC Contractor agrees to complete all Construction within **75** calendar days from the Notice to Proceed (NTP) Date.

ARTICLE 4. PARTICIPANTS

CITY:	Capital Project Manager: Dan Haskins	
	Phone:	480-782-3335
	Email:	Daniel.haskins@chandleraz.gov
	Construction Project Manager: Paul Ahlas	
	Phone:	480-782-3328
JOC CONTRACTOR:	Email:	Paul.ahlas@chandleraz.gov
	FCI Constructors, Inc.	
	10922 W. Glenn Dr.	
	Glendale, AZ 85307	
	JOC Contractor Representative: Drew Wenger	
	Phone:	623-772-7400
	Email:	dwenger@fciol.com

SIGNATURE PAGE TO FOLLOW

IN WITNESS WHEREOF, the Parties have executed this Job Order as of the Effective Date.

"CITY"

CITY OF CHANDLER:

MAYOR Date

Recommended By:

Andrew Goh, P.E.
CIP City Engineer

APPROVED AS TO FORM:

City Attorney By: Bm

ATTEST:

City Clerk SEAL

ADDRESS FOR NOTICE

City of Chandler
P.O. Box 4008, Mail Stop 407
Chandler, AZ 85244-4008

"JOC CONTRACTOR"

FCI Constructors, Inc.:

Signature Date 10/29/2021

ANDREW WENGER
Print Name

GENERAL MANAGER
Title

ATTEST: If Corporation

Secretary

ADDRESS FOR NOTICE

FCI Constructors, Inc.

10922 W. Glenn Dr.

Glendale, AZ 85307

EXHIBIT A
SCOPE OF WORK

October 26, 2021
Revision 01

Daniel Haskins
Project Manager
City of Chandler

Re: Job # BF2108.402 - Police Department Air Conditioner Property & Evidence 911
Training Room
Project Location - 576 W. Pecos Rd Chandler, AZ 85225

Dear Mr. Haskins,

FCI Constructors, Inc. is pleased to present its proposal for the Police Department Air Conditioner Property & Evidence 911 Training Room project.

This proposal includes demoing the existing heat pump and installation of a new mini-split and a new split heat pump.

The pricing in this proposal includes sales taxes, insurance, general conditions and associated constructions cost and fees. Please reference the attached schedule of values for a budget breakdown for this project.

We appreciate the opportunity to work with City of Chandler on this project. Please contact me should you have any comments or questions regarding this proposal. We are prepared to commence with this project upon your approval.

Thank you for the opportunity.

Sincerely,



Drew Wenger
General Manager of Special Projects

Scope of Work

Design and Permitting:

1. Not Part of this Scope

Construction:

1. Demo and make safe existing heat pump for removal.
2. Demo existing heat pump including refrigerant lines and electrical.
3. Furnish and install new Trane 4 Ton split heat pump.
4. Furnish and install new Mitsubishi 2.5 Ton ductless split system.
5. Furnish and install necessary electrical conduit and wire for two new units.
6. Remove portion of existing Acoustical ceiling for access above ceiling for HVAC work.
7. Re-use existing metal HVAC stand inside existing data closet for new heat pump. It is assumed new unit will fit on stand without any modifications. If additional alterations are required there will be a change in cost.
8. Furnish and install new HVAC distribution, diffusers, and refrigerant piping per the construction documents.
9. Provide a man lift to access roof from exterior of the building.
10. Crane is included to hoist new equipment and removal of existing equipment.
11. Furnish and install motorized control damper per sheet M2.1 Note 8.
12. 3rd party HVAC test and balance is included.
13. The Trane and Mitsubishi units are currently experiencing a lead time of 14-16 weeks which would put the start date in Mid-March.
14. A \$7,000 Owners Allowance is included in the proposal.

Add Alternate # 1:

1. None.

Value Engineering:

1. Tempe Mechanical reached out to local suppliers and found similar Daikin HVAC units that can be acquired in 3-4 weeks. There is no cost increase or decrease to switch to these units. Switching to Daikin would allow us to start the project on 1/3/22 in lieu of mid-March of 2022.

Drawings, Specifications and Addendums:

1. Drawings by LSW Engineers dated 07/13/2021, Sheets 01-14
 - a. Sheets include: Cover, M0.1, M0.2, M1.1, M1.2, M2.1, M3.1, M4.1, M5.1, E0.1, E1.1, E2.1, E3.1, E4.1,

Sequencing of Project:

1. The sequencing of the project is intended for consecutive workdays Monday through Friday during daytime shifts.
2. Project is anticipated to take Three and half (3.5) weeks to complete.

Assumptions and Clarifications:

1. FCI superintendent will provide all required scheduling, supervision, safety and quality control for the project duration.
2. Acoustical ceiling modifications to be completed by FCI Craftsman.
3. All onsite personnel will go through the background check process prior to arriving on site. It is assumed this badging process will be at no cost to FCI or its subcontractors.
4. An allowance of \$1,250 is included for roof patching if needed for the new rooftop unit.
5. Due to industry material price volatility, our estimate is valid for 30 days.

Exclusions:

1. Special inspections.
2. Permitting or permitting fees.
3. Design of any kind.
4. Owner Fixtures, Furniture and Equipment
5. Overtime.
6. Davis Bacon wage requirements.
7. Code corrections of existing site or building.
8. Day or Night Security.
9. Fire Watch.
10. Unforeseen or Hidden Conditions.
11. Work not specifically described in the scope of work above.
12. Testing for hazardous materials, abatement of hazardous materials, removal and disposal of hazardous materials.



September 28, 2021

PROPOSAL
TM-

Attn: Drew Wegner
FCI Constructors

Reference: PD AC Main Property & Evidence Center
576 Pecos Road
Chandler, AZ 85225

Dear Drew,

We hereby submit this proposal to perform the **HVAC** work as described in our scope of work per the mechanical & plumbing plans and specifications.

This proposal is based on the scope of work, clarifications, and exclusions noted herein.

- Our price for **HVAC: \$31,200.00 (add \$1,505.51 sales tax)**

Equipment lead time for trane 14 - 16 weeks

Equipment lead time for Daikin 3-4 weeks

This proposal will remain valid for 30 days from the bid date of September 28, 2021.

We appreciate the opportunity to submit this proposal.

Sincerely,
Tempe Mechanical

Joe Young
VP of Service & Design

Enclosures,

SCOPE OF WORK

We propose to furnish and install the following

HVAC

- ✓ Demo of (1) split system air handler, condensing unit, and line-sets
- ✓ (1) new Split system vertical air handler and condensing unit
 - 230 volt 1 phase
 - 7 day programable thermostat
- ✓ (1) new mini split system wall mount air handler and condensing unit
 - 208 volt 1 phase
 - Wired programmable thermostat
- ✓ Relocate space temp sensor for FCU 4 to new location per plans
- ✓ (1) new duct system for AC-1 per plans. All associated rectangular supply and return ductwork to be 1" Liner insulation. All round supply ductwork to be insulated with 2" wrap. All general exhaust ductwork to be un-insulated. All round and rectangular sheet metal ductwork will be cold rolled galvanized.
- ✓ All associated air distribution (grilles, registers, diffusers, and all other dampers) as required.
- ✓ Condensate piping to be ran in type M copper.
- ✓ Refrigerant piping to be ran in ACR type L copper with 1" insulation on suction line, Aluminum Jacket on exterior piping.
- ✓ Hoisting and setting of HVAC equipment and materials as listed above.
- ✓ 3rd party test and balance as required.
- ✓ Complete start up and owner training on new equipment

CLARIFICATIONS

- Due to possible tariff increases, increase in material or equipment after original quote will result in a change order.
- We will deposit our identifiable trash in containers that will be furnished by others at no cost.

- We include a one (1) year warranty which will begin from date of final acceptance on equipment and labor.
- This proposal is based on non-union labor and work being performed during normal working hours.
- We will be allowed to provide input to the mechanical section of the project schedule.
- We will be furnished enough plans and specifications to distribute to all our subcontractors and for our own use at no cost.
- **Add 2% for payment and performances bond.**
- Upon award of contract, we reserve the right to negotiate terms and conditions of said contract.
- **Per the new 2015 State Tax laws this proposal will require the prime contractor to have a TPT license and Tempe mechanical must receive a form 5005 prior to contract award.**

EXCLUSIONS

- **Electrical work for mechanical equipment.**
- Any and all roof curbs in a standing seam roof.
- Structural calculations and work for mechanical equipment on roof.
- Structural beam penetrations as may be required for installing mechanical work.
- Seismic calculations for the anchorage of mechanical equipment or systems.
- Supplemental beams, roof supports, bracing, and/or engineering for same, which is not shown, but is required, to hang mechanical or piping systems from roof structure.
- Supplemental structural supports if required to install our work.
- Cutting and patching of the ceilings, walls or roof.
- Controllers, starters, disconnects or life safety unless noted otherwise.
- Painting other than for labeling of units.
- Installing ceiling or wall mounted access doors.
- Fire rated enclosures.
- Power wiring, conduit, disconnects and starters, except starters which are integral to our equipment.
- Roofing, pitch pockets or weatherproofing roof penetrations.
- Sales tax, Permits and fees.
- All General Sheet metal.
- Temporary HVAC.

- Mechanical screen walls.



DP ELECTRIC INC

9/23/21

City of Chandler 911 Training Room Evidence Building AC Replacement

Page 1 of 2

FCI Constructors Inc.

Attn: Drew Wenger

DP Electric Inc. is pleased to provide you with a Proposal for the above referenced project. This proposal is based on drawings E0.1, E1.1, E2.1, E3.1, E4.1, dated: 7/13/21 Site Walk Dated: X/X/XX

Electrical Total.....\$ 8,764.92

Labor \$ 4,160.00

Material \$ 2,822.30

Equipment \$ 240.15

Mark-Up \$ 1,274.55

Sales Tax \$ 267.92

Qualification Notes:

1. Make safe for demolition.
2. Supply and installation of conduit, wire and disconnect switches.
3. Supply and installation of one-point connections to the disconnect switches.
4. Supply and installation of fuses in the disconnect switches.
5. Supply and installation of breakers in the existing panel boards.
6. **Our proposal includes sales tax.**
7. This proposal is valid for (30-days) only. (see material escalation note at the end of this proposal)

Exclusions:

1. Any existing conditions/code violations.
2. All overtime or afterhours work.
3. All rental equipment.
4. Removal / Disposal of the HVAC equipment to be performed by others, this proposal is based on make safe only.
5. All temporary power, lighting or cooling (is available upon request).
6. All BMS and EMS Systems in its entire.
7. All formed and poured concrete, Saw cutting and Patch back, Core Drilling, equipment pads/ Roof jacks & roof patch. Traffic Controlling.
8. All engineering/fees, permits/fees, special inspection fees, utility fees.
9. All bid bonds.
10. All coordination or load studies.
11. All Dry Wall Cutting and Patching/Painting.

Insurance, Warranty & Spares:

◦ Proposal includes the basic "Additional Insured" insurance for GC & project owner ◦ Proposal includes (1) year warranty and (2) year workmanship ◦ DP Electric will only transfer the manufacturer's warranties to Owner.

Material Escalation:

Any material escalation that exceeds 4% from the date of this proposal for the electrical rough materials shall be considered as additional cost to the project and shall be billed as material escalation change-order. This is due to volatility in price of steel & copper.

If you have any questions, please feel free to contact us.

Thank you.

Casey Kotzenmacher

Sr. Service Project Manager

D: 480-971-1821

M: 623-328-7277

casey.kotzenmacher@dpelectric.com

2210 S. Roosevelt • TEMPE, AZ 85282 • PHONE: 480.858.9070 • FAX: 480.858.9067 • DPELECTRIC.COM • ROC 111176 ROC 111170 ROC 289783

DEPENDABLE PEOPLE DEPENDABLE PERFORMANCE

ELECTRICAL PROPOSAL

DATE: 9-28-21

TO: FCI CONSTRUCTORS INC

ATTN: ESTIMATING TEAM

PROJECT: CITY OF CHANDLER- PROPERTY & EVIDENCE & POLICE DEPT MEN'S LOCKER ROOM

TEAM: BASED ON THE PLANS AND SPECIFICATIONS, WE ARE PLEASED TO SUBMIT TO YOU A PROPOSAL ON THE ABOVE REFERENCED PROJECTS:

PROPERTY/EVIDENCE/911: BASE BID WITH TAX: \$7,395

MEN'S LOCKER ROOM: BASE BID WITH TAX: \$4,950

DOCUMENTS: OUR PROPOSAL IS BASED ON THE FOLLOWING DOCUMENTS, AND WE ACKNOWLEDGE THOROUGH REVIEW:

- LSW ENGINEERS DRGS 07/13/2021 SHEETS E0.1-E4.1
-
- ADDENDUM: N/A

EXCLUSIONS: BOND, PERMITS, ENGINEERING FEES, UTILITY CO. FEES, FORMED CONCRETE, SAW-CUT/DEMO/PATCHBACK, CONSTRUCTION WATER FOR BACKFILL/DUST CONTROL, ROOF JACKS & SEALING OF ROOF PENETRATIONS, SPECIAL SYSTEMS (DATA, HVAC, SECURITY, INTERCOM & FIRE ALARM), SLACK WIRE FOR LIGHT FIXTURES, DUMPSTER/HAUL OFF FEES, LANDSCAPE RESTORATION AND PAINTING/PATCHING OF ARCHITECTURAL SURFACES.

INCLUSIONS: MAKE SAFE DEMO AS REQUIRED. TEMP POWER & LIGHTING FOR CONSTRUCTION. LIGHTING & LIGHTING CONTROLS COMPLETE PER PLANS & SPECS. POWER DISTRIBUTION COMPLETE PER PLANS & SPECS. ROUGH-IN & CONNECTION OF NEW MECHANICAL EQUIPMENT AS INDICATED. SPECIAL SYSTEMS (DATA/HVAC/SECURITY/IC) RACEWAYS & BACK BOXES ONLY. FIRE ALARM RACEWAYS & BACK BOXES.

ANY QUESTIONS DURING THE BID PROCESS, PLEASE CALL DAN ROTH AT 480-980--0000

THANK YOU,

**DAN ROTH
JB ELECTRIC CO.**

ATTACHMENT 'A' - CLARIFICATIONS (STANDARD)

PROJECT NAME: PD AC Property & Evidence
PROPOSAL DATE: 28-Sep-21

PROPOSAL #: 21-0410
PROPOSAL TYPE: Lump Sum

ITEM	Included	Excluded	NOTES
Allowances & Contingencies		X	Unless specifically noted in this Proposal
Bid Bond		X	
Payment & Performance Bond		X	Not included in base bid.
Excess and/or Wrap Insurance		X	
Sales & Use Taxes		X	
Permits and/or associated Fees		X	
Engineered Drawings		X	Also excludes Light pole base structural calculations
Responsibility for design meeting code		X	
Handling of or Disposal of Hazardous Waste		X	Also excludes all fees, packaging & crating
Code Upgrades to existing systems		X	
Warranty or Freight claims		X	For equipment provided by others
Third Party Testing		X	Switchgear Only
Short Circuit and Arc Flash Studies		X	
Spare Parts		X	
Additional / Relocated fixtures, fire alarm, battery packs, equipment etc requested by the AHJ, GC or Owner		X	
As-Built Drawings for our Work - "redline" type	X		SES will provide "redline" As-Built drawings on a clean set of drawings provided by GC or Owner, specifically for this purpose.
As-Built Drawings for our Work - CAD		X	
Reprographic & CAD file fees of any kind		X	All drawings and copies for construction by GC / Owner
BIM Services		X	
1-Year Warranty - Labor & Material	X		From the date of substantial completion for each respective project component (i.e. Building A, Building B, etc.)
Lighting Fixture Support / Slack Wire		X	To be furnished by Others, PRIOR to SES setting lights in grid, etc. - SES to tie off at corner(s) of light fixtures.
Jobsite Storage		X	In a secure location provided by Others, including exterior placement of storage trailers, containers, etc.
Jobsite Office		X	
Dumpster for disposal of construction debris		X	By Others
Temporary Power & Lighting		X	
Demolition		X	
Painting & Patching		X	
Packaged Items			
Light Fixtures		X	
Lighting Controls		X	
SES/Gear Package		X	
Disconnects (Loose)		X	Furnished by Spectra Electrical Services
DRY UTILITIES			
Power Utility - Design & Fees		X	Utility Drawings were not provided at bid time. Our proposal is based on site drawings received. Utility excavation and installation will be reviewed and costs associated with any changes to Utility plans will be addressed.
Power Utility - Equipment Cost & Install		X	
Power Utility - Primary Conduit(s)		X	
Power Utility - Secondary Conduit(s)		X	
Telco and/or Cox Utility - Design & Fees		X	
Telco and/or Cox Utility - Equip. Cost & Install		X	
Telco and/or Cox Utility - Conduit(s)		X	
Asphalt Cutting / Patchback		X	
Concrete Cutting / Patchback		X	
Trenching & Backfill		X	No Soils Report Exclusions: Shoring equipment of any kind. Spectra reserves the right to charge for unknown conditions and/or obstructions.
Rock / Coliche Digging		X	
Native Soil Backfill		X	
Imported Backfill-(Sand, Pea Gravel)		X	
Export of Spoils		X	Spoils to be spread on site
Concrete/Slurry Backfill		X	By others
Concrete Form Work		X	Pads, Pole bases. Also excludes augering of pole light bases

end

ATTACHMENT 'B' - CLARIFICATIONS (STANDARD)

PROJECT NAME: PD AC Property & Evidence
PROPOSAL DATE: 28-Sep-21

PROPOSAL #: 21-0410
PROPOSAL TYPE: Lump Sum

ITEM	Included	Excluded	NOTES
Fire Alarm System			Includes deferred submittal of plans for permit from AHJ.
Duct Smoke Detector - Purchase		X	
Duct Smoke Detector - Installation		X	By Mechanical
Raceway System - Complete		X	
Raceway System - Stub-Up Only & Device Box		X	
Cable Tray		X	
Security System			
Raceway System - Complete		X	
Raceway System - Stub-Up Only & Device Box		X	
Cable Tray		X	
CCTV / MATV / Access Control System			
Raceway System - Complete		X	
Raceway System - Stub-Up Only & Device Box		X	
Cable Tray		X	
Voice / Data / Com System			
Raceway System - Complete		X	
Raceway System - Stub-Up Only & Device Box	X		
Cable Tray		X	
HVAC, Energy Mgt / Bld Automation System			By Mechanical
Raceway System - Complete		X	
Raceway System - Stub-Up Only & Device Box		X	
Combo-Motor Starters for Mechanical / HVAC		X	Supplied & Installed by Mechanical
HVAC Equipment - Controls Wiring / Conduit		X	
EMERGENCY SYSTEMS			
Generator & Transfer Switch		X	
Generator Fuel		X	By Spectra when applicable for startup only
Generator Fuel Piping, Exhaust & Radiator work		X	By Mechanical when applicable
UPS / Batteries		X	
LIGHTNING PROTECTION			
Lightning Protection (exterior & roof)		X	
Ground Ring (u/g around building in footers)		X	
LABOR & MATERIAL TERMS			
Standard Time Labor	X		This proposal is based upon working eight hour days Monday thru Friday, during daylight hours between 5:00AM & 5:00PM with consideration for seasonal daylight availability.
Premium, Holiday or Shift Time Labor		X	
Standard Material Lead Times	X		
Expedited Manufacture/Delivery of Materials		X	Costs available upon request
Access Panels		X	
Fire Stopping		X	Furnish and install firestopping at Spectra penetrations only. Sleeves installed for other subcontractor use excluded
MC Cable	X		Where allowed by NEC
Free Air Low Voltage Class-2 Cabling		X	
Slab work conduit			Proposal based on conduit being installed within or under slab.
Coordination With Trades	X		

**EXHIBIT B
FEE SCHEDULE**



PD AC Property and Evidence 911 Training Room
BF2108.402

JOC1911.401

26-Oct-21
Revision 01

Base Project

	Description	Labor %	Quantity	Unit	Unit Price	Total Price
1	Office/Project Manager	25%	3.5	WKS	\$4,200	\$3,675
2	Project Superintendent	100%	3.5	WKS	\$3,800	\$13,300
3	Project Engineer	15%	3.5	WKS	\$2,800	\$1,470
4	Project Estimator	0%	0	WKS	\$4,200	\$0
5	Administration Support	15%	0	WKS	\$2,200	\$0
6	Project Vehicle Project Manager	25%	3.5	WKS	\$64	\$224
7	Project Vehicle Superintendent	100%	3.5	WKS	\$256	\$897
8	Vehicle Fuel and Maintenance Project Manager	25%	3.5	WKS	\$25	\$88
9	Vehicle Fuel and Maintenance Superintendent	100%	3.5	WKS	\$100	\$350
10	Cell Phone Project Manager	25%	3.5	WKS	\$4	\$15
11	Cell Phone Superintendent	100%	3.5	WKS	\$28	\$96
12	Internet/IT Rental - PM	25%	3.5	WKS	\$15	\$54
13	Internet/IT Rental -Super	100%	3.5	WKS	\$61	\$214
14	Project Safety		1	LS	\$50	\$50
15	Property Protection		1	LS	\$125	\$125
16	Temporary Fencing/Barriers		0	WKS	\$125	\$0
17	Temporary Toilets		3.5	WKS	\$125	\$438
18	Dumpsters/Waste Removal		3.5	WKS	\$150	\$525
19	Equipment Rental		0	WKS	\$500	\$0
20	Documentation Reproduction/Office Supplies		0	WKS	\$50	\$0
21	Continuous Clean of Building/Site		1.5	WKS	\$250	\$375
22	Final Clean of Building/Site		1	LS	\$250	\$250
General Conditions						\$22,145.63

	Description	Quantity	Unit	Unit Price	Total Price
1	Steel Sleeves at Cores & Caulking - FCI	1	LS	\$645	\$645
2	Acoustical Ceiling Modifications - FCI	1	LS	\$2,825	\$2,825
3	HVAC - Tempe Mechanical	1	LS	\$32,706	\$32,706
4	Electrical - Spectra Electrical	1	LS	\$5,561	\$5,561
5	Patch Roofing - Allowance	1	LS	\$1,250	\$1,250
Vendor Subtotal					\$42,986.51

TOTAL HARD COST

\$65,132.14

Overhead & Profit

9.50%

\$6,187.55

SUBTOTAL

\$71,319.69

Insurance

0.85%

\$606.22

Bond

1.00%

\$713.20

Sales Tax (Point of Sale)

0.00%

\$0

TOTAL BASE PROJECT COST

\$72,639.10

City's Allowance

10.00%

\$7,000

TOTAL BASE PROJECT COST WITH ALLOWANCE

\$79,639.10

FCI CONSTRUCTORS			Northern AZ Refrigeration 623-936-8777 Dave Tolleson, AZ	Grazak 623-535-5905 John Phoenix, AZ	Tempe Mechanical 480-820-1235 Joe Young Chandler, AZ
BID TABULATIONS: MECHANICAL					
PROJECT: Property and Evidence 911 Training Room					
BID DATE/TIME: 10/5/2021					
ESTIMATOR: Drew Wanger					
LOCATION: Chandler, AZ					
ORIGINAL BID DOCS: 7/13/2021			Y	Y	Y
ADDENDUM #: N/A					
SALES TAX: YES OR NO			Y	Y	Y
PREVAILING WAGE: NO			N	N	N
BONDABLE: YES OR NO					
23 00 00 - MECHANICAL			\$ 42,450.00	\$ 24,362.00	\$ 31,200.00
Security and background checks on all on-site workers			Included	Included	Included
Remove one split system and replace with new			Included	Included	included
Install new ductless split			Included	Included	included
Reuse existing equipment, and ductwork			All New	New & Existing	included
HP-1/CU-1 - Trane 4 ton split heat pump	1	EA	included	included	included
CU/U-1 - Mitsubishi 2.5 TON ductless split	1	EA	Included	Included	included
Thermostats	2	EA	Included	Included	included
RG-1 - Return grilles	2	EA	Included	Included	included
Motorized damper	1	EA	Included	included	included
Duct Insulation				Included	included
Condensate drain lines	1	LS	Included	Included	included
Certified Air Balance	1	LS	Included	Included	included
Crane and hoisting for your work			included	Included	included
Provide exterior man lift to access roof per RFI			included	\$ 400.00	extenstion ladder
Insulation & Metal Jacketing per specs			included	included	Included
Aluminum Metal Jacketing			included	\$ 2,150.00	included
Insulated pipe thru wall detail M4.1/9			included	included	included
Condensate piping			included	\$ 1,200.00	included
Coring			included	\$ 1,500.00	included
Badging			included	\$ 350.00	included
Sales tax on materials			\$ 1,350.00	\$ 738.00	\$ 1,505.51
Lead Times			14-16 weeks	14-16 weeks	14-16 weeks
					Alternate Daikin 3-4 weeks
Install Duration			2-3 weeks	4 weeks	2-3 weeks
TOTAL BID WITH ADJUSTMENTS	QTY	UNIT	\$ 43,800.00	\$ 30,700.00	\$ 32,705.51

Northern Arizona Refrigeration INC
P.O. Box 239
Tolleson, AZ 85353

NORTHERN ARIZONA REFRIGERATION



Phone #

623-936-8777

Fax #

623-936-3755

www.northernarizonarefrigeration.com

ROC178570 ROC99180

Quote

		Date	Project	Quote #
		9/28/2021	PD AC Property & Evidence-Chandler	26841
Qty	Mark	Description		Total
		Supply and install the following equipment and materials with ductwork. Remove one split system and replace with new. Install on ductless split.		42,450.00
1	HP/CU-1	4 ton split heat pump		
1	CU/IU-1	2.5 ton ductless split		
2		thermostats		
2	RG-1	return grilles		
1	8	motorized damper		
1		certified air balance		
2		condensate drain lines		
		Excludes permits, electrical and conduit, plumbing, roofing counter flashing, cant strips, EMS, concrete cutting, core drilling, motor starters, smoke detectors, smoke detector certifications, sales tax, structural, parts and accessories and OSA Dampers for existing equipment, receiving and unloading of owner provided equipment, prevailing wages, and roofing. Unless noted above, any louvers not shown on mechanical plans are not included.		
		If applicable add for sales tax \$1,350		
For any questions please contact Dave@nazref.com Thank you!			Total	\$42,450.00

Unless otherwise noted above, items such as permits, engineering, any electrical and/or conduit, condensate drains, trash dumpsters, smoke detector test, independent air balance, general building flashing, roof or wall penetrations, Revolving Warranties, or applicable taxes are not included. Any trips due to site complications out of our control may be billed as an extra trip or remobilization. This quote supersedes any purchase orders or previous quotes. If there is a discrepancy a new quote will have to be issued with the approved changes. This quote is good for 30 days.



REVISED PROPOSAL

The undersigned proposes to furnish, install and service under warranty the work hereinafter outlined, upon the terms and conditions and in accordance with the following specifications. **JOB ADDRESS: CHANDLER, AZ**

JOB NAME: PD AC PROPERTY & EVIDENCE	DATE: 10/04/2021
HVAC Quote based per Mechanical Drawings & Specs:	CONTRACTOR:

	YES	NO		YES	NO
Split Units MITSUBISHI	X		Unit Heaters		X
Curb Leveling		X	Duct Insulation	X	
Roof Curb		X	Smoke Detector & LEDs		X
RTU		X	Hang Hoods		X
MUA		X	Chill / Hot Water Pipe		X
Evaporative Coolers		X	Exhaust Fans Kitchen		X
Reuse Equipment	X		Exhaust Hoods		X
VAV Box		X	Grease Duct		X
T-Stat--	X		Fire Wrap		X
Sensors RELOCATE	X		Unit Removal	X	
EMS		X	Ductwork Demolition	X	
Crane	X		Curb Flashing		X
Split Unit Piping	X		Air Doors		X
Pipe Insulation	X		Ducted Return	X	
Condensate Piping		X	Cert. Air Balance	X	
Fire Dampers		X	Water Heater Flue		X
New Diffusers	X		Clean Up	X	
Re-use Diffusers	X		Permit		X
New Ductwork	X		Fans		X
Re-Use Ductwork	X				

ADD EXTERIOR LIFT = \$400

ADD CONDENSATES = \$1,200.00

ADD BADGING/ BACKGROUND CHECKS = \$350.00

MISC. EXCLUSIONS:

Existing equipment not specifically shown on drawings, fees, permits, quick ship cost, sales tax, warranty or repair of existing equipment, ceiling wires/ tie wires, bonds, conduits, cutting, patching, painting, starter / VFD'S premium, concrete, core drilling, cleaning of existing, water lines, gas piping, fire stopping. Items not marked yes are not included. Prevailing Wage (unless otherwise specified).

Grazak Mechanical retains ownership of all material and equipment until final payment is received. We exclude any labor or material not detailed in this proposal. A 1.5% service charge will be added to any past due accounts. Customer agrees to pay all attorney fees (33.3%) incurred by Grazak Mechanical in collecting this amount. The price of this proposal is valid for 30 days.

TERMS:	TOTAL HVAC PRICE: \$ 24,362.00 Sales Tax: \$ 738.00 Total Bid: \$ 25,100.00
APPROVED BY: (PLEASE SIGN AND RETURN)	BY: ESTIMATING

GRAZAK Mechanical
21639 N. 14th Ave.
Phoenix, AZ 85027
estimating@grazak.com

Proposal Good for 30 Days
This is not at Binding Contract
Office (623)535-5905
Fax (623)535-5909

AZ ROC178935
WA GRZKCGR912QQ
CA 898687
NM 396625
NV 0072983

FCI CONSTRUCTORS			D.P. Electric	JBJ Electric	Spectra Electrical
BID TABULATIONS: ELECTRICAL					
PROJECT: Property and Evidence 911 Training Room					
BID DATE/TIME: 10/5/2021			623-328-7277	480-980-0000	480-286-4472
ESTIMATOR: Drew Wanger			Casey Kotzenmacher	Dan Roth	David Barndollar
LOCATION: Chandler, AZ			Tempe, AZ	Mesa, AZ	Tempe, AZ
ORIGINAL BID DOCS: 7/13/2021			Y	Y	Y
ADDENDUM #: N/A					
SALES TAX: YES OR NO			N	N	N
PREVAILING WAGE: NO					
BONDABLE: YES OR NO					
26 00 00 - ELECTRICAL			\$ 8,764.92	\$ 7,395.00	\$ 5,384.00
Security and background checks on all on-site workers			included	included	included
Make Safe/Demo			included	included	included
Demo existing Electrical from at Exis Unit			included	included	included
F&I new electrical per plans			included	included	included
Power to motorized damper			included	included	included
Sales Tax			included	included	\$ 177.00
TOTAL BID WITH ADJUSTMENTS	QTY	UNIT	\$ 8,764.92	\$ 7,395.00	\$ 5,561.00

BID PROPOSAL - "ELECTRICAL"

CUSTOMER: FCI
ADDRESS: 10922 West Glenn Dr
Glendale, AZ 85307
CONTACT: Paula Daly
E-MAIL: pdaly@fcioi.com
PROJECT NAME: PD AC Property & Evidence

PROPOSAL DATE: 28-Sep-21
PROPOSAL TIME: 3PM
PROPOSAL #: 21-0410
REV #:
PROPOSAL TYPE: Lump Sum

I. SCOPE OF WORK

This proposal has been prepared by SES and is submitted in strict confidence, based upon the following bid documents -

E-Sheets: E0.1, E1.1, E2.1, E3.1, E4.1

Dated: 7/13/2021

Specifications: Per Plans
Dated: 7/15/2021

Engineer: LSW - Engineers - Joshua Shore

Addendum: _____ Dated: _____ Addendum: _____ Dated: _____ Addendum: _____ Dated: _____

II. CLARIFICATIONS / INCLUSIONS / EXCLUSIONS

- a.) This proposal shall remain valid for **15** days from the date indicated above.
b.) SES reserves the right to negotiate a fair and equitable contract or subcontract agreement.
c.) Please reference the Attachments 'A', 'B', 'C', etc. for proposal clarifications, inclusions & exclusions.

III. SPECIAL NOTE:

- a.) The proposal price for this project has been calculated based on the current prices and availability for the *commodity MATERIALS listed below. However, the market for the materials that are hereafter specified is considered to be **volatile** and sudden price could occur. Spectra Electrical Services, Inc. (hereinafter referred to as SES) agrees to use our best effort to obtain the lowest possible prices increases or lack of availability from available material suppliers, but should there be an increase in excess of 5% in the prices of these specified materials that are purchased after execution of a contract for use in this project, the Owner agrees to pay the cost increase above 5% to SES. Any claim by SES for payment of a cost increase, as provided above, shall require written notice delivered by SES to the Owner / General Contractor stating the increase cost, the material or materials in question and the source of supply supported by invoices or bills of sale. *Commodity MATERIALS definition is as follows: PVC, Steel, Copper, Aluminum and All Petroleum Based Products. Spectra also reserves the right to negotiate a fair and mutual equitable schedule and contract terms.
b.) We reserve the right to negotiate a fair and mutually equitable subcontract Agreement, including schedule.

IV. BASE BID COST PROPOSAL

Proposed Amount	\$	5,384	
P&P Bond	\$	-	
Option 1 -TAX @	\$	-	Non-MRRA
Option 2 -TAX @ 7.800%	\$	177	MRRA
TOTAL	\$	5,561	

YEAR	EMR
2021	0.91
2020	0.75
2019	0.83

zero
injuries
Strength in Numbers!

Thank you,
Spectra Electrical Services, Inc.

Accepted By:
FCI

Prepared By David Barndollar

Printed Name / Title

Reviewed By Alan Zombolas

Signature / Date

EXHIBIT C

PERFORMANCE BOND

ARIZONA STATUTORY PERFORMANCE BOND
PURSUANT TO TITLES 28, 34, AND 41, ARIZONA REVISED STATUTES
(Penalty of this bond must be 100% of the Contract amount)

KNOW ALL MEN BY THESE PRESENTS THAT: _____
(hereinafter "Principal"), and _____ (hereinafter "Surety"), a
corporation organized and existing under the laws of the State of _____ with its principal office in the City of _____, holding a certificate of authority to transact surety business in Arizona issued by the
Director of Insurance pursuant to Title 20, Chapter 2, Article 1, as Surety, are held and firmly bound unto
_____(hereinafter "Obligee") in the amount of _____
(Dollars) (\$ _____), for the payment whereof, Principal and Surety bind themselves, and their heirs, administrators,
executors, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has entered into a certain written contract with the Obligee, dated
the _____ day of _____, 20__ for construction of **POLICE DEPARTMENT AIR CONDITIONER
PROPERTY AND EVIDENCE 911 TRAINING ROOM, BF2108.402** which contract is hereby referred to and made a part
hereof as fully and to the same extent as if copies at length herein.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH, that if the Principal faithfully performs and
fulfills all the undertakings, covenants, terms, conditions and agreements of the contract during the original term of the
contract and any extension of the contract, with or without notice of the Surety, and during the life of any guaranty
required under the contract, and also performs and fulfills all the undertakings, covenants, terms, conditions, and
agreements of all duly authorized modifications of the contract that may hereafter be made, notice of which
modifications to the Surety being hereby waived, the above obligation is void. Otherwise it remains in full force and
effect.

PROVIDED, HOWEVER that this bond is executed pursuant to the provisions of Title 34, Chapter 2, Article 2,
Arizona Revised Statutes, and all liabilities on this bond will be determined in accordance with the provisions of Title 34,
Chapter 2, Article 2, Arizona Revised Statutes, to the same extent as if it were copied at length in this Contract.

The prevailing party in a suit on this bond may recover as part of the judgment reasonable attorney fees that
may be fixed by a judge of the court.

Witness our hands this _____ day of _____, 20__.

_____	PRINCIPAL	SEAL
AGENT OF RECORD		
	By _____	
	_____	SEAL
	SURETY	

AGENT ADDRESS		

EXHIBIT D

PAYMENT BOND

ARIZONA STATUTORY PAYMENT BOND
PURSUANT TO TITLES 28, 34, AND 41, OF THE ARIZONA REVISED STATUTES
(Penalty of this Bond must be 100% of the Contract amount)

KNOW ALL MEN BY THESE PRESENTS THAT:_____

(hereinafter "Principal"), as Principal, and _____(hereinafter "Surety"), a corporation organized and existing under the laws of the State of _____ with its principal office in the City of _____, holding a certificate of authority to transact surety business in Arizona issued by the Director of the Department of Insurance pursuant to Title 20, Chapter 2, Article 1, as Surety, are held and firmly bound unto _____ (hereinafter "Obligee") in the amount of _____ (Dollars) (\$_____), for the payment whereof, the Principal and Surety bind themselves, and their heirs, administrators, executors, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has entered into a certain written contract with the Obligee, dated the _____ day of _____, 20__ for construction of **POLICE DEPARTMENT AIR CONDITIONER PROPERTY AND EVIDENCE 911 TRAINING ROOM, BF2108.402** which contract is hereby referred to and made a part hereof as fully and to the same extent as if copied at length herein.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH, that if the Principal promptly pays all moneys due to all persons supplying labor or materials to the Principal or the Principal's subcontractors in the prosecution of the work provided for in said contract, this obligation is void. Otherwise it remains in full force and effect.

PROVIDED, HOWEVER that this bond is executed pursuant to the provisions of Title 34, Chapter 2, Article 2 Arizona Revised Statutes, and all liabilities on this bond will be determined in accordance with the provisions, conditions and limitations of Title 34, Chapter 2, Article 2, Arizona Revised Statutes, to the same extent as if it were copied at length in this Contract.

The prevailing party in a suit on this bond may recover as part of the judgment reasonable attorney fees that may be fixed by a judge of the court.

Witness our hands this _____ day of _____, 20__.

AGENT OF RECORD

PRINCIPAL SEAL

By _____

SURETY SEAL

AGENT ADDRESS

EXHIBIT E

CONTRACTOR'S AFFIDAVIT REGARDING SETTLEMENT OF CLAIMS

_____, Arizona

Date _____

Project Name: **POLICE DEPARTMENT AIR CONDITIONER PROPERTY AND EVIDENCE 911
TRAINING ROOM**

Project No.: **BF2108.402**

To the City of Chandler, Arizona

Gentlemen:

This is to certify that all lawful claims for materials, rental of equipment and labor used in connection with the construction of the above project, whether by subcontractor or claimant in person, have been duly discharged.

The undersigned, for the consideration of \$_____, as set out in the final pay estimate, as full and complete payment under the terms of the contract, hereby waives and relinquishes any and all further claims or right of lien under, in connection with, or as a result of the above described project. The undersigned further agrees to indemnify and save harmless the City of Chandler against any and all liens, claims or liens, suits, actions, damages, charges and expenses whatsoever, which said City may suffer arising out of the failure of the undersigned to pay for all labor performances and materials furnished for the performance of said installation.

Signed and dated at _____, this _____ day of _____ 20____.

CONTRACTOR

By _____

STATE OF ARIZONA)
) SS
COUNTY OF MARICOPA)

The foregoing instrument was subscribed and sworn to before me this _____ day of _____ 20 _____.

Notary Public

My Commission Expires

EXHIBIT F

CERTIFICATE OF COMPLETION

Project: **POLICE DEPARTMENT AIR CONDITIONER PROPERTY AND EVIDENCE 911 TRAINING ROOM**

Project No.: **BF2108.402**

(TO BE COMPLETED BY CONTRACTOR)

I HEREBY CERTIFY THAT ALL GOODS AND/OR SERVICES REQUIRED BY CITY OF CHANDLER PROJECT NO. **BF2108.402** HAVE BEEN DELIVERED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND BID SPECIFICATIONS AND ALL ACTIVITIES REQUIRED BY THE CONTRACTOR UNDER THE CONTRACT HAVE BEEN COMPLETED AS OF _____.

(Date)

FIRM NAME: _____

PRINCIPAL: _____

(Name)

(Signature)

(Title) DATE: _____

CERTIFIED BY ENGINEER/CONSULTANT (IF APPLICABLE):

(Signature) DATE: _____

(Firm Name)

PROJECT ACCEPTED BY USER DEPARTMENT

(Signature) DATE: _____

(Dept. /Div.)

Date of Final Walk-Through

Date As-Built Received

City As-Built Number