

# City Council Study Session

Monday, May 22, 2023  
6:00 p.m.

Chandler City Council Chambers  
88 E. Chicago St., Chandler, AZ







## Our Vision

We are a world-class City that provides an exceptional quality of life.

## Our Brand

A safe, diverse, equitable and inclusive community that connects people, chooses innovation and inspires excellence.

## Our Goals

### City Council Strategic Policy Goals

1. Being the most connected City
2. Being a leader in trust and transparency
3. Maintaining fiscal sustainability
4. Attracting a range of private sector businesses
5. Fostering a contemporary culture that embraces unity
6. Being safe and beautiful

Pursuant to Resolution No. 4464 of the City of Chandler and to A.R.S. 38-431.02, notice is hereby given to the members of the Chandler City Council and to the general public that the Chandler City Council will hold a STUDY SESSION open to the public on Monday, May 22, 2023, which begins at 6:00 p.m., in the Chandler City Council Chambers, 88 E. Chicago Street, Chandler, Arizona. One or more members of the Chandler City Council may attend this meeting by telephone.

Persons with disabilities may request a reasonable modification or communication aids and services by contacting the City Clerk's office at 480-782-2181 (711 via AZRS). Please make requests in advance as it affords the City time to accommodate the request.

Agendas are available in the Office of the City Clerk, 175 S. Arizona Avenue.





# Study Session Agenda

## City Council Strategic Framework Focus Areas: Legend



Economic Vitality



Mobility



Quality of Life



Innovation and Technology



Neighborhoods



General Governance

## Call to Order

## Roll Call

## Scheduled Public Appearances

1. Recognition - Basha High School Marching Band State Championship
2. Recognition - Chandler Fire Department Lifesaving Awards
3. Proclamation - Centennial Year for Arizona Lions Club International
4. Joshua Cotner, Concerns Regarding Police Response

## Consent Agenda

Items listed on the Consent Agenda may be enacted by one motion and one vote. If a discussion is required by members of the governing body, the item will be removed from the Consent Agenda for discussion and determination will be made if the item will be considered separately.




## Airport



1. **Construction Agreement No. AI2203.401 with Diamond Ridge Development, for the Chandler Municipal Airport Wildlife Exclusion Perimeter Fence**

Move City Council award Construction Agreement No. AI2203.401 to Diamond Ridge Development, for the Chandler Municipal Airport Wildlife Exclusion Perimeter Fence, in an amount not to exceed \$796,965.07.


Council Focus Area(s):  



## City Clerk


2. **Approval of Minutes**

Move City Council approve the Council meeting minutes of the Study Session of May 8, 2023, and the Regular Meeting of May 11, 2023.

Council Focus Area(s): 

3. **Board and Commission Appointments**

Move City Council approve the Board and Commission appointments as recommended.

Council Focus Area(s): 




## City Manager



4. **Professional Services Agreement No. TP2202.201, with Kimley-Horn & Associates, for the Kyrene Branch and Highline Canal Shared Use Path Design Services**

Move City Council award Professional Services Agreement No. TP2202.201 to Kimley-Horn & Associates for the Kyrene Branch and Highline Canal Shared Use Path Design Services, in an amount not to exceed \$574,883.11.

Council Focus Area(s): 



## Development Services

5. **Final Adoption of Ordinance No. 5051 Adoption of Historic Preservation Code Amendments**

Move City Council adopt Ordinance No. 5051 approving PLH23-0010 Historic Preservation Code Amendments related to terms of Historic Preservation Commission members, regulations for the creation of historic preservation districts, and application of design guidelines for historic preservation districts, as recommended by the Planning and Zoning Commission and the Historic Preservation Commission.

Council Focus Area(s):   




## Facilities and Fleet



6. **Purchase of Carpet Installation Services for Main Police Station Carpet Replacement Project**

Move City Council approve the purchase of carpet installation services, from Continental Flooring Company, utilizing the State of Arizona Contract No. CTR043427, in an amount not to exceed \$143,000, for the Main Police Station carpet replacement.

Council Focus Area(s): 



## Information Technology

7. **Purchase of Information Technology Temporary Staffing Services**

Move City Council approve the purchase of information technology temporary staffing services, from Computer Aid, Inc., utilizing the Sourcewell Contract No. 071321-CAI, in the amount of \$507,600.

Council Focus Area(s): 




## Management Services




8. **Agreement No. WH3-890-4597 for Waterworks Supplies**

Move City Council approve Agreement No. WH3-890-4597, with Core and Main, LP, and Ferguson Enterprises, LLC, for waterworks supplies, in an amount not to exceed \$500,000, for the period of June 1, 2023, through May 31, 2024.

Council Focus Area(s): 

9. **Purchase of Janitorial and Sanitation Supplies**

Move City Council approve the purchase of janitorial and sanitation supplies, from Waxie Sanitary Supply, utilizing the City of Tucson Contract No. 202329-01, in an amount not to exceed \$250,000, for the period of June 1, 2023, through May 31, 2024.


Council Focus Area(s): 

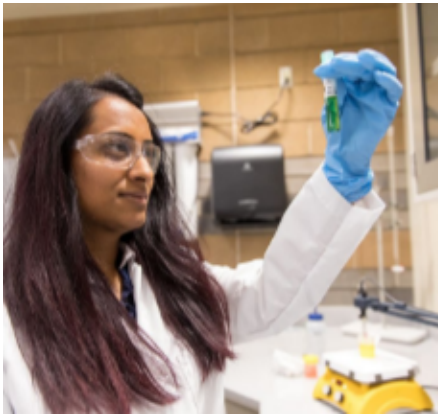


## Police Department

10. **Resolution No. 5690 Intergovernmental Agreement with Chandler Unified School District No. 80 for Police Department Security Camera System Emergency Access**

Move City Council pass and adopt Resolution No. 5690 pertaining to an Intergovernmental Agreement granting the Chandler Police Department emergency access to the Chandler Unified School District No. 80 Security Camera System; and authorize the Chief of Police, as designated by the City Manager, to conduct all negotiations and to execute and submit all documents necessary in connection with such agreement.

Council Focus Area(s): 



## Public Works and Utilities



11. **Resolution No. 5683 Authorizing the Acquisition of Real Property Rights Required for the Water Main Replacement Project WA2203**

Move Council pass and adopt Resolution No. 5683, authorizing the acquisition of real property rights required for the Water Main Replacement Project WA2203 within Arrowhead Meadows, Tyson Manor, and Sunset Manor neighborhoods, as shown on the attached map; authorizing the City's Real Estate Administrator to sign, on behalf of the City, the purchase agreements, authorizations to access property, and any other documents necessary to facilitate these acquisitions and access the properties; authorizing eminent domain proceedings as needed to acquire said real property and obtain immediate possession thereof; and authorizing relocation assistance as may be needed and required by law.

Council Focus Area(s):   



12. **Agreement No. PW9-962-4035, Amendment No. 4, with Eurofins Environment Testing Southwest, LLC; Legend Technical Services of Arizona, Inc.; and Radiation Safety Engineering, Inc., for Laboratory Testing Services**

Move City Council approve Agreement No. PW9-962-4035, Amendment No. 4, with Eurofins Environment Testing Southwest, LLC; Legend Technical Services of Arizona, Inc.; and Radiation Safety Engineering, Inc., for laboratory testing services, in a combined amount not to exceed \$479,000, for the period of May 1, 2023, through April 30, 2024.

Council Focus Area(s):  

13. **Agreement No. PW3-918-4551, with Arcadis U.S., Inc., for Advanced Metering Infrastructure Consultant Services**


Move City Council approve Agreement No. PW3-918-4551, with Arcadis U.S., Inc., for Advanced Metering Infrastructure (AMI) Consultant Services, in an amount not to exceed \$662,065.

Council Focus Area(s):  



14. **Construction Manager at Risk Agreement No. WW2005.403, Change Order No. 1 – GMP2, with B&F Contracting, Inc., for the Chandler Boulevard and Dobson Road Sewer and Water Improvements**


Move City Council award Construction Manager at Risk Agreement No. WW2005.403, Change Order No. 1 – GMP2, to B&F Contracting, Inc., for the Chandler Boulevard and Dobson Road Sewer and Water Improvements, in an amount not to exceed \$7,202,897.39.

Council Focus Area(s): 

## Action Agenda

15. **Resolution No. 5694, Adopting the Fiscal Year (FY) 2023-24 Tentative Budget and 2024-2033 Tentative Capital Improvement Program (CIP) and Giving Notice of the Dates and Times for Hearing Taxpayers for Final Adoption of the Budget and for Setting the Tax Levies and Tax Rates**

Move City Council pass and adopt Resolution No. 5694, adopting the FY 2023-24 Tentative Budget and 2024-2033 Tentative CIP and giving notice of the dates and times for hearing taxpayers for final adoption of the budget and for setting the tax levies and tax rates.

Council Focus Area(s): 

## Public Hearing and Action Item

16. **Public Hearing for Resolution No. 5692 Approving the Fiscal Year 2023-2024 Annual Assessment for the City of Chandler, Arizona, Downtown Chandler Enhanced Municipal Services District**

1. Open Public Hearing
2. Staff Presentation
3. Council Discussion
4. Discussion from the Audience
5. Close Public Hearing

17. **Resolution No. 5692 Approving the Fiscal Year 2023-2024 Annual Assessment for the City of Chandler, Arizona, Downtown Chandler Enhanced Municipal Services District**

Move City Council pass and adopt Resolution No. 5692 approving the Fiscal Year 2023-2024 Annual Assessment for City of Chandler, Arizona, Downtown Chandler Enhanced Municipal Services District.


Council Focus Area(s):  

## Briefing and Discussion

18. **Briefing and Discussion Regarding Group Homes and Recent Actions by the State of Arizona in Response to Fraudulent Arizona Health Care Cost Containment System (AHCCCS) Claims**

# Informational

## 19. **Contracts and Agreements Administratively Approved, Month of April 2023**

Council Focus Area(s): 

# Adjourn





**City Council Memorandum      Airport Memo No. CP23-147**

**Date:** May 22, 2023  
**To:** Mayor and Council  
**Thru:** Joshua H. Wright, City Manager  
Andy Bass, Deputy City Manager  
Ryan Reeves, Airport Manager  
Kimberly Moon, Capital Projects Manager  
**From:** Hafiz Noor, Construction/Design Project Manager  
**Subject:** Construction Agreement No. AI2203.401 with Diamond Ridge Development, for the Chandler Municipal Airport Wildlife Exclusion Perimeter Fence

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**Proposed Motion:**

Move City Council award Construction Agreement No. AI2203.401 to Diamond Ridge Development, for the Chandler Municipal Airport Wildlife Exclusion Perimeter Fence, in an amount not to exceed \$796,965.07.

**Background/Discussion:**

The Chandler Municipal Airport Wildlife Exclusion Perimeter Fence construction includes improvements to the existing perimeter fence to reduce wildlife breaches at several locations. The wildlife exclusion barrier will be installed along the existing perimeter fence to prevent burrowing, and various vehicular and pedestrian gates will be improved to minimize gaps at the base or posts to prevent wildlife ingress. Additionally, various segments of fence will be repaired where the chain link and fence posts are damaged.

The project scope of work consists of approximately 20,098 linear feet of wildlife exclusion perimeter fence barrier, replacing sections of damaged chain link fence, upgrading existing vehicle swing gates and ribbon curbs, soil stabilization, and clearing and grubbing. The Agreement completion time is 90 calendar days following Notice to Proceed.

This project is identified in the 2021 Chandler Municipal Airport Master Plan and

was one of the highest-rated projects by the Airport Bond Subcommittee (2020-2021) for inclusion in the Airport Capital Improvement Program (ACIP).

**Evaluation:**

Two (2) bids were opened on April 19, 2023. The bid results were as follows:

Contractor	Bid Total
Diamond Ridge Development	\$796,965.07
Mark Scott Construction, Inc.	\$1,100,281.24

**Financial Implications:**

This project is fully funded by an Arizona Department of Transportation (ADOT) grant and requires no City match.

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Fiscal Impact				
Account No.	Fund Name	Program Name	Dollar Amount	CIP Funded Y/N
417.4110.6910.6AI729	Capital Grants	Wildlife Exclusion Perimeter Fence	\$796,965.07	Y

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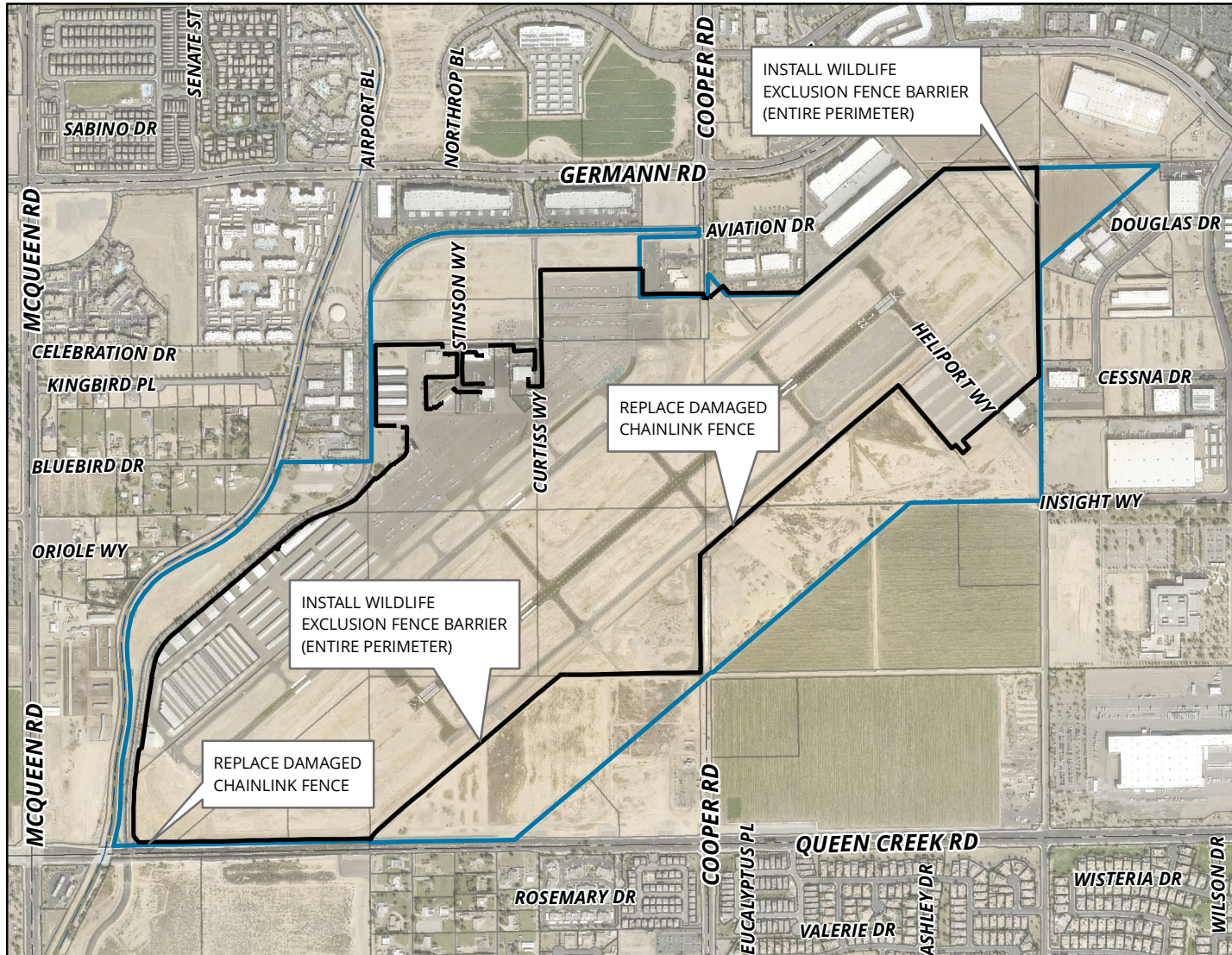
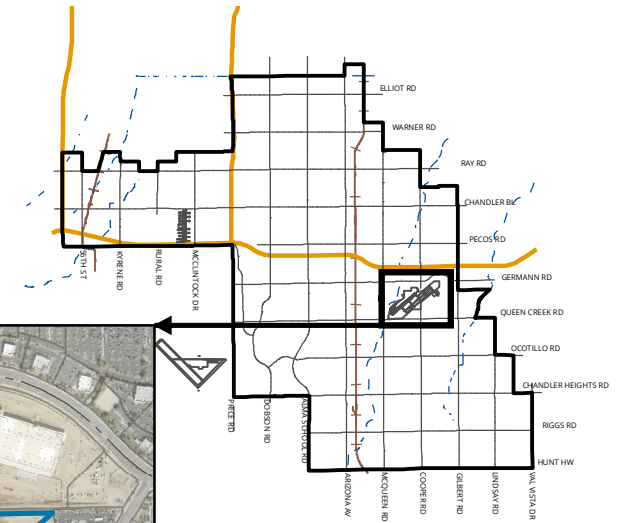
**Attachments**

AI2203.401 CP23-147 Map  
AI2203.401 Construction Agreement





# WILDLIFE EXCLUSION PERIMETER FENCE PROJECT NO. AI2203.401



MEMO NO. CP23-147

- PERIMETER FENCE
- AIRPORT PROPERTY LINE





**CITY OF CHANDLER, ARIZONA  
PUBLIC WORKS & UTILITIES DEPARTMENT  
CAPITAL PROJECTS DIVISION**

**CONSTRUCTION AGREEMENT**

**CHANDLER MUNICIPAL AIRPORT WILDLIFE  
EXCLUSION PERIMETER FENCE**

**CITY PROJECT NO.: AI2203.401  
ADOT GRANT NO: E2S1D**

**MAYOR**

**Kevin Hartke**

**VICE MAYOR**

**Matt Orlando**

**COUNCIL**

**OD Harris    Christine Ellis**

**Mark Stewart    Angel Encinas    Jane Poston**

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**Kimberly Moon, P.E.  
CIP City Engineer**



**CITY OF CHANDLER, ARIZONA**

**CHANDLER MUNICIPAL AIRPORT WILDLIFE EXCLUSION PERIMETER FENCE**

**CITY PROJECT NO.: AI2203.401 ADOT GRANT NO: E2S1D**

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**CONSTRUCTION SERVICES AGREEMENT**  
**PROJECT NO.: AI2203.401 ADOT GRANT NO: E2S1D**

This Agreement ("Agreement") is made and entered into on the \_\_\_\_ day of \_\_\_\_\_, 2023, by and between City of Chandler, an Arizona municipal corporation, hereinafter called "City" and **Diamond Ridge Development**, an Arizona corporation, the "Contractor" designated below (City and Contractor may individually be referred to as "Party" and collectively referred to as "Parties").

City and Contractor agree as follows:

**ARTICLE 1 - PARTICIPANTS AND PROJECT**

**CITY:** CIP City Engineer: Kimberly Moon, P.E.  
Public Works & Utilities Department  
P.O. Box 4008, Mail Stop 407 Chandler, AZ 85244-4008  
Phone: 480-782-3349 Email: kimberly.moon@chandleraz.gov

**CITY:** Construction Project Manager: Scott Riter  
Public Works & Utilities Department  
P.O. Box 4008, Mail Stop 407 Chandler, AZ 85244-4008  
Phone: 480-782-3328 Email: scott.riter@chandleraz.gov

**Contractor:** Legal Company Name: Diamond Ridge Development

Mailing Address: P.O. Box 2662, Peoria, AZ 85380

Physical Address: 6098 N. 57<sup>th</sup> Ave., Glendale, AZ 85301

Arizona Roc No.: 140840

Federal Tax Id No.: 86-0936609

State Where Organized: Arizona

Business Organization: S Corporation

Statutory Agent Name: Jeffrey W. Green

Statutory Agent Mailing Address: P.O. Box 2662, Peoria, AZ 85380

Statutory Agent Physical Address: 8531 N. 94<sup>th</sup> Ave., Peoria, AZ 85345

**Contractor's Authorized Project Representative:**

Name: Jeff Green

Title: Vice President

Phone: 623-412-8809

Email: jgreen@diamonddridge.biz

**PROJECT DESCRIPTION:**

The Chandler Municipal Airport Wildlife Exclusion Perimeter Fence project includes improvements to the existing perimeter fence which will help reduce wildlife breaches that have been observed at several locations around the airport property. Wildlife exclusion barrier will be installed along the existing perimeter fence to prevent wildlife from burrowing under the perimeter chain link fence. Various vehicular and pedestrian gates will be improved to minimize the gap at the base or posts to prevent wildlife ingress and various segments of fence will be repaired where the chain link and fence posts are damaged.

**PROJECT LOCATION:**

2380 South Stinson Way Chandler, AZ 85286



## **ARTICLE 2 - AGREEMENT DOCUMENTS**

### **2.1 AGREEMENT DOCUMENTS**

The Agreement between City and Contractor will consist of the following Agreement Documents:

1. This Construction Services Agreement and all of its Exhibits, including Project Plans and Technical Specifications.
2. General Conditions and General Conditions Appendices, incorporated by reference.
3. Project Specific Special Provisions as set forth in Exhibit A, incorporated by reference.
4. Project Bid Proposal.

2.2 In the event of any inconsistency, conflict, or ambiguity between or among the Agreement Documents, the Agreement Documents will take precedence as described in Section 14.1.4 of the General Conditions.

### **2.3 DEFINITIONS**

The definitions in Section 2 of the General Conditions apply to all the Agreement Documents, including this Agreement.

## **ARTICLE 3 - CONSTRUCTION SERVICES**

### **3.1 GENERAL**

3.1.1 Scope of Work. All terms and conditions are set forth in the Agreement. Any terms and conditions and exceptions noted in the Contractor's proposal or other documents do not apply unless agreed to in this Agreement or an approved addendum.

3.1.2 Contractor agrees this is a Unit Price Agreement. Contractor agrees at its own cost and expense, to do all Work necessary required to fully, timely and properly complete the construction of the Project in strict accordance with the Agreement Documents in a good and workmanlike manner, free and clear of all claims, liens, and charges whatsoever, in the manner and under the conditions specified, within the Agreement time.

3.1.3 Contractor must provide all of the labor and materials, and perform the Work in accordance with Section 4 of the General Conditions. Some, but not all, of the major components of the Construction Services and the corresponding subsections of Section 4 of the General Conditions are set forth below.

3.1.4 At all times relevant to this Agreement and performance of the Work, the Contactor must fully comply with all Laws, Regulations, or Legal Requirements applicable to City,

the Project and the Agreement, including, without limitation, those set forth on attached Exhibit A.

- 3.1.5 Contractor must perform the Work under this Agreement using only those firms, team members and individuals designated by Contractor consistent with Contractor's accepted Bid, or otherwise, approved by City pursuant to the General Conditions. No other entities or individuals may be used without the prior written approval of the Project Manager.
- 3.1.6 Contractor must comply with all terms and conditions of the General Conditions.
- 3.1.7 In the event of a conflict between this Agreement and the General Conditions or an exhibit hereto or appendix thereto, the terms of this Agreement will control.
- 3.1.8 Ownership of Work Product. Notwithstanding anything to the contrary in this Agreement, all Work Product prepared or otherwise created in connection with the performance of this Agreement, including the Work, are to be and remain the property of City. For purposes of this provision, "Work Product" will include all designs, drawings, plans, specifications, ideas, renderings and other information or matter, in whatever form created (e.g., electronic or printed) and in all media now known or hereinafter created. All Work Product will be considered Work Made for Hire as defined in the United States Copyright Act 17 U.S.C. § 101 (Copyright Act). If for any reason, any such Work is found not to be a Work Made for Hire, Contractor hereby transfers and assigns ownership of the copyright in such Work to City. The rights in this Section are exclusive to City in perpetuity.

### 3.2 **CONTRACTOR'S PRE-AGREEMENT AND PRE-WORK DELIVERABLES**

- 3.2.1 The Contractor must provide the Deliverables in accordance with Section 4.2 of the General Conditions.

### 3.3 **PRE-CONSTRUCTION CONFERENCE**

Contractor must attend the Pre-Construction Conference in accordance with Section 4.3 of the General Conditions.

### 3.4 **PERFORMANCE OF THE WORK (INCLUDING FIELD MEASUREMENTS, SUBCONTRACTORS, AND SUPPLIERS)**

Contractor must perform the Work in accordance with Section 4.4 of the General Conditions.

### 3.5 **CONTROL OF THE PROJECT SITE**

Contractor must control and maintain the Project Site in accordance with Section 4.5 of the General Conditions.

3.6 **PROJECT SAFETY**

Contractor must implement and enforce Project safety in accordance with Section 4.6 of the General Conditions.

3.7 **MATERIALS QUALITY, SUBSTITUTIONS AND SHOP DRAWINGS**

Contractor must provide materials testing and submit substitute materials and Shop Drawings in accordance with Section 4.7 of the General Conditions.

3.8 **PROJECT RECORD DOCUMENTS**

Contractor must maintain and make available the Project Record Documents in accordance with Section 4.8 of the General Conditions.

3.9 **WARRANTY AND CORRECTION OF DEFECTIVE WORK**

Contractor must provide warranties and correct defective Work in accordance with Section 4.9 of the General Conditions.

**ARTICLE 4 - CITY RESPONSIBILITIES**

- 4.1 City will have the responsibilities, and provide the information specified in, and subject to the conditions set forth in, Section 5 of the General Conditions.

**ARTICLE 5 - AGREEMENT TIME**

5.1 **GENERAL**

- 5.1.1 The total Agreement Duration is **90** Calendar Days (including Substantial Completion by **60** Calendar Days and Final Acceptance by **90** Calendar Days).
- 5.1.2 The Agreement Time will start with the Notice to Proceed (NTP) and end with Final Acceptance, as set forth in Article 5.4 below.
- 5.1.3 The Agreement Time will be as set forth in the Project Schedule. Contractor agrees that it will commence performance of the Work and complete the Project through Final Acceptance within the Agreement Time.
- 5.1.4 Time is of the essence of this Agreement for the Project, and for each phase and designated Milestone thereof.
- 5.1.5 Failure on the part of Contractor to adhere to the approved Project Schedule will be deemed a material breach and sufficient grounds for termination of this Agreement by City.



## 5.2 **PROJECT SCHEDULE**

5.2.1 The Project Schedule will be updated and maintained throughout Contractor's performance under this Agreement in accordance with Section 6.2 of the General Conditions.

5.2.2 Work must be completed to meet the following milestones after the Notice to Proceed: N/A

## 5.3 **SUBSTANTIAL COMPLETION**

Substantial Completion must be achieved no later than the Substantial Completion Date set forth in the Project Schedule. Substantial Completion will be determined in accordance with Section 6.3 of the General Conditions.

## 5.4 **FINAL ACCEPTANCE**

5.4.1 Final Acceptance will be obtained within the time period set forth in the Project Schedule.

5.4.2 Final Acceptance will be issued pursuant to Section 6.5 of the General Conditions.

## 5.5 **LIQUIDATED DAMAGES**

5.5.1 Substantial Completion Liquidated Damages. Contractor acknowledges and agrees that if Contractor fails to obtain Substantial Completion of the Work within the Agreement Time, City will sustain extensive damages and serious loss as a result of such failure. The exact amount of such damages will be extremely difficult to ascertain. Therefore, City and Contractor agree that if Contractor fails to achieve Substantial Completion of the Work within the Agreement Time, City will be entitled to retain or recover from Contractor, as liquidated damages and not as a penalty, the sum per calendar day as indicated in MAG § 108.9.

5.5.2 Final Acceptance Liquidated Damages. For the same reasons set forth in Article 5.5.1 above, City and Contractor further agree that if Contractor fails to achieve Final Acceptance of the Work within the Agreement Time, City will be entitled to retain or recover from Contractor, as liquidated damages and not as a penalty, the sum per calendar day as indicated in MAG § 108.9 commencing from the actual date of Substantial Completion or Final Acceptance as required under the Agreement.

5.5.3 MAG Liquidated Damages. Liquidated damages provisions in MAG § 108.9 will apply.

5.5.4 City may deduct liquidated damages described in this Article 5.5 from any unpaid amounts then or thereafter due Contractor under this Agreement. Any liquidated damages not so deducted from any unpaid amounts due Contractor will be payable

to City at the demand of City, together with interest from the date of the demand at the highest lawful rate of interest payable by Contractor.

## **5.6 MUTUAL WAIVER OF CONSEQUENTIAL DAMAGES ONLY**

5.6.1 Contractor and City waive claims against each other for consequential damages arising out of or relating to this Agreement. This mutual waiver includes.

1. Damages incurred by City for rental expenses, for losses of use, income, profit, financing, business and reputation, and for loss of management or employee productivity or of the services of such persons; and
2. Damages incurred by Contractor for principal office expenses including the compensation of personnel stationed there, for losses of financing, business and reputation, and for loss of profit except anticipated profit arising directly from the Work.

5.6.2 This mutual waiver is applicable, without limitation, to all consequential damages due to either party's termination of this Agreement. Nothing contained in this Article 5.6 will be deemed to preclude an award of liquidated damages, when applicable, in accordance with Article 5.5 above.

5.6.3 Nothing herein will be deemed to constitute a waiver of any other remedy available to City in the event of Contractor's default under this Agreement prior to full performance of the Work including, as applicable, specific performance or completion of the Work on behalf of Contractor, the cost and expense of which will be offset against any monies then or thereafter due to Contractor (if any) and otherwise immediately reimbursed to City by Contractor.

## **ARTICLE 6 - AGREEMENT PRICE**

### **6.1 AGREEMENT PRICE**

6.1.1 In exchange for Contractor's full, timely, and acceptable performances and construction of the Work under this Agreement, and subject to all of the terms of this Agreement, City will pay Contractor the "Agreement Price," which is **\$796,965.07**.

6.1.2 The Agreement Price is all-inclusive and specifically includes all fees, cost, insurance and bond premiums, and taxes of any type necessary to fully, properly and timely perform and construct Work.

### **6.2 CHANGES TO AGREEMENT PRICE**

Shall be determined under Section 9 of the General Conditions.

## **ARTICLE 7 - PAYMENT**

Payments will be made to Contractor in accordance with Section 8 of the General Conditions.

#### **ARTICLE 8 - CHANGES TO THE AGREEMENT**

Changes to the Agreement may be made in strict accordance with Section 9 of the General Conditions.

#### **ARTICLE 9 - SUSPENSION AND TERMINATION**

This Agreement may be suspended or terminated in accordance with Section 10 of the General Conditions.

#### **ARTICLE 10 - INSURANCE AND BONDS**

- 10.1 Contractor must provide insurance in accordance with Sections 11.1 through 11.3 of the General Conditions. Contractor must provide proof of such insurance and all required endorsements in forms acceptable to City prior to commencing any Work under this Agreement.
- 10.2 Contractor must provide performance and payment bonds to City in Accordance with Section 11.4 of the General Conditions and A.R.S. § 34-222.
- 10.3 Failure to provide proof of insurance and the required endorsements, or the required bonds, in forms acceptable to City, will be a material breach and grounds for termination for cause of this Agreement.

#### **ARTICLE 11 - INDEMNIFICATION**

Contractor must have and assume the indemnity obligations set forth in Section 12 of the General Conditions.

#### **ARTICLE 12 - DISPUTE RESOLUTION**

Any claims or disputes relating to this Agreement will be resolved according to the dispute resolution process set forth in Section 13 of, and Appendix 6 to, the General Conditions.

**ARTICLE 13 - FORCED LABOR OF ETHNIC UYGHURS PROHIBITED** By entering into this Agreement, Contractor certifies and agrees Contractor does not currently use and will not use for the term of this Agreement: (i) the forced labor of ethnic Uyghurs in the People's Republic of China; or (ii) any goods or services produced by the forced labor of ethnic Uyghurs in the People's Republic of China; or (iii) any contractors, subcontractors or suppliers that use the forced labor or any goods or services produced by the forced labor of ethnic Uyghurs in the People's Republic of China.

SIGNATURE PAGE TO FOLLOW



IN WITNESS WHEREOF, the Parties hereto have executed this Agreement through their duly authorized representatives and bind their respective entities as of the effective date.

**"CITY" CITY OF CHANDLER**

**"CONTRACTOR"  
DIAMOND RIDGE DEVELOPMENT**

\_\_\_\_\_  
MAYOR

Jeffrey W. Green 5/1/2023  
Signature Date

**RECOMMENDED BY:**

Kimberly Moon  
Kimberly Moon, P.E.  
CIP City Engineer

Jeffrey W. Green  
Print Name

Vice President  
Title

jgreen@diamondridge.biz

**APPROVED AS TO FORM:**

Signer Email Address

\_\_\_\_\_  
City Attorney *JMB*

**ATTEST:**

\_\_\_\_\_  
City Clerk Seal



**City Council Memorandum      City Clerk's Office    Memo No. N/A**

**Date:** May 22, 2023  
**To:** Mayor and Council  
**From:** Dana DeLong, City Clerk  
**Subject:** Approval of Minutes

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**Proposed Motion:**

Move City Council approve the Council meeting minutes of the Study Session of May 8, 2023, and the Regular Meeting of May 11, 2023.

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**Attachments**

Minutes of the Study Session Meeting of May 8, 2023  
Minutes of the Regular Meeting of May 11, 2023

# Meeting Minutes

## City Council Study Session

May 8, 2023 | 6:00 p.m.  
Chandler City Council Chambers  
88 E. Chicago St., Chandler, AZ



### Call to Order

The meeting was called to order by Mayor Kevin Hartke at 6:00 p.m.

### Roll Call

#### Council Attendance

Mayor Kevin Hartke  
Vice Mayor Matt Orlando  
Councilmember OD Harris  
Councilmember Mark Stewart  
Councilmember Christine Ellis  
Councilmember Jane Poston  
Councilmember Angel Encinas

#### Appointee Attendance

Josh Wright, City Manager  
Kelly Schwab, City Attorney  
Dana DeLong, City Clerk

### Scheduled Public Appearances

MAYOR HARTKE invited Vice Mayor Orlando to join him for the recognitions.

#### 1. Service Recognitions

Michael West – 25 Years, Police Department  
John Knudson – 20 Years, Public Works & Utilities

#### 2. Recognitions- Hamilton High School, Mayor's Economic Challenge Awards

MAYOR HARTKE invited Grant Lapinsky and Hamilton High School students, Mayor's Economic Challenge Award winners, to accept.

MR. LAPINSKY thanked Mayor and Council for their recognition and congratulated the students for their success and hard work.

#### 3. Proclamation – National Police Week

MAYOR HARTKE read the proclamation and invited Sean Duggan, Police Chief to accept.

CHIEF DUGGAN thanked the community for their continued support in honoring the nine Chandler police officers that died while protecting the community. Chief Duggan said this month is also about recognizing those that continue to serve and thanked them for their sacrifice and service.

## **Consent Agenda and Discussion**

Discussion was held on items 5, 8, 10, 12, 14, and 15.

### **City Clerk**

1. Approval of Minutes  
Move City Council approve the Council meeting minutes of the Special Joint Meeting of April 7, 2023; Work Session of April 24, 2023; the Study Session of April 24, 2023; the Special Meeting of April 27, 2023; and the Regular Meeting of April 27, 2023.
2. Board and Commission Appointments  
Move City Council approve the Board and Commission appointments as recommended.

### **Community Services**

3. Professional Services Agreement No. PR2107.203 with Dig Studio, Inc., for the Gazelle Meadows Park Renovations Design Services  
Move City Council award Professional Services Agreement No. PR2107.203 to Dig Studio, Inc., for the Gazelle Meadows Park Renovations Design Services, in an amount not to exceed \$201,564.
4. Project No. PR2202.401 with Caliente Construction, Inc., Pursuant to Job Order Project No. JOC1904.401, for the Arrowhead Meadows Park Tennis and Pickleball Court Replacement  
Move City Council award Project No. PR2202.401 with Caliente Construction, Inc., pursuant to Job Order Project No. JOC1904.401, for the Arrowhead Meadows Park Tennis and Pickleball Court Replacement, in an amount not to exceed \$1,204,399.23.

### **Development Services**

5. Ordinance No. 5051 and Resolution No. 5680, Adoption of Historic Preservation Code Amendments and General Design Guidelines for Historic Preservation Districts and Landmarks, Relating to the Formation of Historic Preservation Districts and Landmarks, the Operation of the Historic Preservation Commission, and Design Guidelines for Properties with Official Historic Recognition  
Code Amendments:  
Move City Council introduce and tentatively adopt Ordinance No. 5051 approving PLH23-0010 Historic Preservation Code Amendments, as recommended by the Planning and Zoning Commission and Historic Preservation Commission.



### General Design Guidelines:

Move City Council adopt Resolution No. 5680 approving PLH23-0010 General Design Guidelines for Designated Historic Preservation Districts and Landmarks as recommended by the Planning and Zoning Commission and Historic Preservation Commission.

DEREK HORN, Development Services Director, presented the following presentation.

- HP Code Amendments and General Design Guidelines
- Proposed Code Amendments
  - Ordinance 5051
- In 2020 the Chandler City Council adopted Ordinance 4936 for Historic Preservation
- The Ordinance created 4 Classifications of historic properties
  - Heritage Site
  - Conservation District
  - Historic Preservation District/Zoning Overlay
  - Landmark
- The HP Ordinance established a threshold of 90% of contributing property owners consenting to form a Historic Preservation district.
- Has proved to be difficult for those residents trying to form a district.
- Proposed Amendments
  - Decreases minimum number of consenting property owners for Preservation Districts from 90% to 60%
    - Non-consenting property owners exempt from HP rules
  - Changes the annual maximum appointment of commissioners to 5 rather than 2 to maintain quorum
  - Adds an option to document community support for Conservation Districts
  - Provides for the use of General Design Guidelines in Historic Districts
- Proposed General Design Guidelines
  - Resolution 5680
- General Design Guidelines
  - Create a set of guidelines that can be used in all HP districts
  - Based Largely on:
    - Secretary of the Interior standards
    - Best practices
  - Approachable for home and business owners
  - Pertains to exterior only
  - Focus on 4 treatments of historic properties:
    - Preservation
    - Restoration
    - Rehabilitation
    - Reconstruction
  - Goals:
    - Maintain integrity of designated historic properties

- Provide general guidance and guidelines on:
  - The maintenance of historic properties
  - Repairs, rehabilitation, and replacement of historic components
- Questions/ Feedback?

VICE MAYOR ORLANDO asked if the amendments for property owners in Preservation Districts is going to work for Chandler's Silk Stocking District, Historic Community.

MR. HORN said yes.

VICE MAYOR ORLANDO asked if properties had to be contiguous in an area.

MR. HORN said the preference would be to have the properties as contiguous as possible but there can be multiple properties within a district that are not signed on to the ordinance and they can be annexed later if they wish.

VICE MAYOR ORLANDO asked what an application to be a recognized as a certified local government by the State of Arizona is for.

MR. HORN said a Certified Local Government is run by a state historic preservation officer and it allows the city to be able to apply for preservation grants. Mr. Horn said City Council approved in resolution last year for an application to be submitted.

MAYOR HARTKE said it is comforting to hear that property owners have an option to participate in the ordinance or not and even if a property were to have been participating before and new owners moved in, there was a way to opt out still.

COUNCILMEMBER STEWART said it is reassuring that property owners are protected and have the option to participate.

6. Use Permit PLH23-0013 Civitan Foundation, Inc., for the Operation of an Adult Day Center, Located at 1700 W Warner Road, Generally Located 1/4 mile East of the Northeast Corner of Warner Road and Dobson Road  
Move City Council approve Use Permit PLH23-0013 Civitan Foundation, Inc., subject to the conditions recommended by Planning and Zoning Commission.

### **Economic Development**

7. Purchase of Signage for the Airpark Area  
Move City Council approve the purchase of signage for the Airpark Area, from YESCO, LLC, utilizing the City of Peoria Contract No. P19-0079, in the amount of \$259,212.

### **Facilities and Fleet**

8. Resolution No. 5678, Approving the Application and Award of an Energy Efficiency Conservation Block Grant (EECBG) Voucher in the Amount of \$283,790, from the United States Department of Energy (USDOE), for the Purchase and Installation of Energy Efficient and Conservation Related Technology and Equipment

Move City Council adopt Resolution No. 5678, approving the application and award of an Energy Efficiency and Conservation Block Grant (EECBG) voucher in the amount of \$283,790, from the United States Department of Energy (USDOE), for the purchase and installation of energy efficient and conservation related technology and equipment.

MICHAEL HOLLINGSWORTH, Facilities and Fleet Manager, said Department of Energy (DOE) Energy Efficiency and Conservation Block Grant (EECBG) programs are designed to assist states, local governments, and tribes in implementing strategies to reduce energy use, to reduce fossil fuel emissions, and to improve energy efficiency. To simplify and streamline the grant process the DOE is offering a voucher process in lieu of a direct grant process. Entities that opt into a voucher are not required to apply for or administer a direct federal grant. Choosing vouchers is a separate streamlined process with reduced documentation, monitoring and reporting requirements. EECBG vouchers can be used for equipment purchase, installation rebates, and be available to reimburse entities for the purchase of energy efficiency equipment. Equipment available for rebate span a wide range of technologies that increase energy efficiency and use less fossil fuels. This voucher will be used to supplement existing energy efficient related capital projects identified in the 2020 facility condition assessment.

COUNCILMEMBER ELLIS recognized staff for their hard work in finding supplemental funding for projects and asked if these vouchers will help offset costs for new cooling systems in City Hall and services for Chandler Center for the Arts.

MR. HOLLINGSWORTH answered yes.

COUNCILMEMBER ELLIS asked if the city grants administrator position is helping with finding programs like this one for EECBG.

JOSH WRIGHT, City Manager, said the city grants administrator assists all departments within the city, the focus has been to find available federal grant monies, and this is a program they were able to assist with.

COUNCILMEMBER ELLIS asked if there are any strings attached to this grant.

MR. HOLLINGSWORTH answered no.

COUNCILMEMBER ENCINAS asked if there are additional projects the funds can be used for and if there is a timeline for when the grant will be utilized.

MR. HOLLINGSWORTH said there are multiple projects identified in the building condition assessment that can use the funding and there was a \$28 million dollar estimate for first year needs. Mr. Hollingsworth said voucher funds will be used within a year.

### **Management Services**

9. New License Series 12, Restaurant Liquor License Application for Dominick Jay Hoon Ju, Agent, Gen Chandler, LLC, DBA Gen Korean BBQ House Chandler  
Move for recommendation to the State Department of Liquor Licenses and Control for approval of the State Liquor Job No. 235991, a Series 12, Restaurant Liquor License, for Dominick Jay Hoon Ju, Agent, Gen Chandler, LLC, DBA Gen Korean BBQ House Chandler, located at 1852 W. Chandler Boulevard, and approval of the City of Chandler, Series 12, Restaurant Liquor License No. 305008.

### **Mayor and Council**

10. Resolution No. 5691 Strategic Framework 2023-2025  
Move City Council adopt Resolution No. 5691 approving the City Council Strategic Framework 2023-2025.

MATTHEW BURDICK, Communications and Public Affairs Director, said this is the third time council will be adopting a Strategic Framework, that will guide staff in Council's desired focus areas for the next two years. On February 1, 2023 and February 2, 2023, council had extensive discussion about desired updates to the Strategic Framework. In March, council and staff had further discussion and reviewed the proposed updates resulting in the booklet provided. Mr. Burdick reviewed the Strategic Framework 2023-2025 handout and highlighted several items. Innovation is a thread that is woven through Chandler's vision, brand and six focus areas: Community Safety, Connectivity, Economic Vitality, Neighborhoods, Quality of Life, Sustainability and Technology.

MAYOR HARTKE thanked council for their input and asked that any suggestions or photos be submitted to staff after the meeting.

MR. BURDICK said once council has adopted the Strategic Framework 2023-2025, the webpage will be updated, along with a social media campaign to assist people with finding the website and being able to review the booklet.

VICE MAYOR ORLANDO asked when staff recommendations for each focus area will be available to review.

MR. WRIGHT said a work session is planned at the end of the month to review the Strategic Framework and associated action plan.

VICE MAYOR ORLANDO commended staff for their exceptional work on structuring the strategic framework into the budget plan.



MR. BURDICK said the budget and finance team has done a remarkable job working on this and it provides a higher arching policy framework for day-to-day operations.

COUNCILMEMBER STEWART said one of the significant updates is making Community Safety as an individual pillar, this is a core responsibility of the city. Councilmember Stewart thanked staff for listening to all the public feedback and council's when creating this document.

MAYOR HARTKE said there are several mini retreats planned for council discussion on the different focus areas to provide input to staff.

COUNCILEMEMBER ELLIS asked if physical copies can be provided to the community.

MR. BURDICK said once a final draft is adopted there will be printing and distributing of the document in addition to social media.

COUNCILMEMBER ENCINAS said the process of collaborating on this with council has been very rewarding.

COUNCILMEMBER HARRIS said it is exciting to share a document with Chandler's vision and to be a part of this process.

COUNCILMEMBER POSTON thanked staff and said working with council on creating this framework has been fulfilling.

### **Public Works and Utilities**

11. Resolution No. 5684 Approving the Land Use License with Salt River Project to Allow the City's Continued Use of a Portion of the Gila Drain South  
Move City Council pass and adopt Resolution No. 5684 approving the Land Use License with Salt River Project (SRP) to allow the City's continued use of a portion of the Gila Drain south of Ray Road and west of Pineview Unit One Subdivision for existing water and sewer lines and associated facilities.
12. Resolution No. 5689 Authorizing the Sale of Storage Capacity at the New River Agua Fria River Underground Storage Project  
Move City Council pass and adopt Resolution No. 5689, Authorizing the Sale of 18% of the Storage Capacity at the New River Agua Fria River Underground Storage Project to the City of Avondale; Authorizing the Lease of 8% of the Storage Capacity at the New River Agua Fria River Underground Storage Project; Approving the Execution of an Intergovernmental Agreement and Lease Agreement to Effectuate the Storage Capacity Sale and Lease Back; and Authorizing the City Manager to Take All Action Necessary or Prudent in Furtherance of the Storage Capacity Sale and Lease Back.

JOHN KNUDSON, Public Works and Utilities Director, said this item is for the sale of New River Agua Fria River storage capacity. Chandler owns a portion of a recharge facility that was purchased in 2007 within the Salt River Project (SRP). Any city that resides within the SRP service area has the requirement to monthly recharge surface water back into the ground at the same volume that is pumped from their wells. Chandler has 32 wells, and they are pumped for peak times of demand. When those wells are used a volume must be recharged within the SRP service area. The surface and capacity that is currently owned is in Avondale/Goodyear area. Chandler is constructing a new water interconnect facility that will allow more water to recharge here then having to store it at a physically disconnected location from Chandler. Mr. Knudson said work had been done over the past year to sell 18% of that storage facility to Avondale, they can now recharge at a facility that geographically makes sense for them as well. The funds gained from this transaction is \$5.7 million dollars and will go towards enterprise funds and utility, to help keep rates low into the future.

COUNCILMEMBER STEWART thanked Mr. Knudson for the foresight and action to make this come to fruition and said this is a reassuring investment for water.

MR. KNUDSON said this is a great protection and through this process it will help ensure that wet water is underground and available within Chandler.

VICE MAYOR ORLANDO asked if water credits are being sold on the aquifer or what exactly is being purchased.

MR. KNUDSON said the facility is being sold that is being used to recharge the water into the aquifer. SRP had built it and multiple cities participated in this facility. Chandler has multiple other facilities that they are part of within the SRP. The ability now is to recharge the water here in Chandler instead of sending it for storage somewhere else. Water credits are not being sold.

VICE MAYOR ORLANDO asked if Chandler still has rights to the water on the aquifer now.

MR. KNUDSON said all the paper water that is kept in long term storage may be recharged in other places in the county, but they can always be recovered in Chandler.

VICE MAYOR ORLANDO asked if we are losing the water that is currently at the recharge facility at the time of sale.

MR. KNUDSON said no water credits are being sold that are in the aquifer only the mechanism that allows the storage to occur.

### 13. Purchase of Paseo Vista Landfill Improvements

Move City Council approve the purchase of Paseo Vista Landfill improvements, from Tetra Tech BAS, Inc., utilizing Maricopa County Contract No. 200217-ITN, in an amount not to exceed \$200,000.

14. Purchase of an Asphalt Patch Truck  
Move City Council approve the purchase of an Asphalt Patch Truck, from Balar Equipment, utilizing Sourcewell Contract No. 080521-PBL, in the amount of \$264,138.10.
15. Purchase of Traffic Bucket Truck  
Move City Council approve the purchase of a bucket truck, from Altec, Inc., utilizing Sourcewell Contract No. 110421-ALT, in the amount of \$272,495.

COUNCILMEMBER STEWART asked if a fleet report can be provided that would aid in answering questions about vehicle lifespan and turn over.

MR. WRIGHT said a new fleet management software is installed that will provide higher-level data but there is data manipulation and clean up that needs to be done to make sure the correct information and reports are produced.

## Informational

16. Special Event Liquor Licenses and Temporary and Permanent Extensions of Liquor License Premises Administratively Approved

## Adjourn

The meeting was adjourned at 6:52 p.m.

ATTEST: \_\_\_\_\_  
City Clerk

\_\_\_\_\_  
Mayor

Approval Date of Minutes: May 25, 2023

## Certification

I hereby certify that the foregoing minutes are a true and correct copy of the minutes of the Study Session of the City Council of Chandler, Arizona, held on the 8th day of May 2023. I further certify that the meeting was duly called and held and that a quorum was present.

DATED this \_\_\_\_\_ day of May, 2023.

\_\_\_\_\_  
City Clerk

# Meeting Minutes

## City Council Regular Meeting

May 11, 2023 | 6:00 p.m.  
Chandler City Council Chambers  
88 E. Chicago St., Chandler, AZ



### Call to Order

The meeting was called to order by Mayor Kevin Hartke at 6:00 p.m.

### Roll Call

#### Council Attendance

Mayor Kevin Hartke  
Vice Mayor Matt Orlando  
Councilmember Mark Stewart  
Councilmember Christine Ellis  
Councilmember Jane Poston  
Councilmember Angel Encinas

#### Appointee Attendance

Josh Wright, City Manager  
Kelly Schwab, City Attorney  
Dana DeLong, City Clerk

#### Absent

Councilmember OD Harris – excused

### Invocation

The invocation was given by Pastor Jim Sproul, Tri City Baptist Church

### Pledge of Allegiance

The Pledge of Allegiance was led by Councilmember Encinas.

### Consent Agenda and Discussion

#### City Clerk

1. Approval of Minutes  
Move City Council approve the Council meeting minutes of the Special Joint Meeting of April 7, 2023; Work Session of April 24, 2023; the Study Session of April 24, 2023; the Special Meeting of April 27, 2023; and the Regular Meeting of April 27, 2023.



2. Board and Commission Appointments  
Move City Council approve the Board and Commission appointments as recommended.

### Community Services

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### **Mayor and Council**

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Move City Council adopt Resolution No. 5691 approving the City Council Strategic Framework 2023-2025.

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15. Purchase of Traffic Bucket Truck  
Move City Council approve the purchase of a bucket truck, from Altec, Inc., utilizing Sourcewell Contract No. 110421-ALT, in the amount of \$272,495.

## **Consent Agenda Motion and Vote**

Vice Mayor Orlando moved to approve the Consent Agenda of the May 11, 2023, Regular City Council Meeting; Seconded by Councilmember Poston.

Motion carried unanimously (6-0).

## **Informational**

16. Special Event Liquor Licenses and Temporary and Permanent Extensions of Liquor License Premises Administratively Approved

## **Unscheduled Public Appearances**

None.

## **Current Events**

### **Mayor's Announcements**

MAYOR HARTKE announced May is Asian American Pacific Islander Heritage Month, events include library Storytimes, and the 2<sup>nd</sup> Annual Asian American Community Conference on May 20 at 8:00 a.m. in the Tumbleweed Recreation Center.

MAYOR HARTKE shared that it is the one-year anniversary of Golden Neighbors, a program connecting senior residents with cost-of-living assistance, home repairs, and everyday supplies. The city has served over 200 residents in this program.

MAYOR HARTKE shared that the AZCEND Egg Benefit breakfast was a success, this nonprofit's work is important to the Chandler community.

MAYOR HARTKE shared that the PIEfection Grand Opening and Ribbon Cutting event will be Saturday, May 13 at 9:00 a.m.

### **Council's Announcements**

COUNCILMEMBER ENCINAS thanked the Military and Veterans Affairs Commission for a wonderful Military Service Recognition Event.

COUNCILMEMBER ENCINAS acknowledged Nurses Appreciation Week and Mother's Day.

COUNCILMEMBER ELLIS recognized National Nurses Week.

VICE MAYOR ORLANDO recognized the Military Service Recognition Event and thanked the Military and Veterans Affairs Commission for putting this event together.

COUNCILMEMBER STEWART congratulated graduates from Chandler high schools and Arizona colleges.

COUNCILMEMBER STEWART said Chandler has so many great small businesses, we look forward to continued support of our small businesses.

COUNCILMEMBER POSTON wished everyone a Happy Mother's Day.

### **City Manager's Announcements**

None.

## **Adjourn**

The meeting was adjourned at 6:15 p.m.

ATTEST: \_\_\_\_\_  
City Clerk

\_\_\_\_\_  
Mayor

Approval Date of Minutes: May 25, 2023

## **Certification**

I hereby certify that the foregoing minutes are a true and correct copy of the minutes of Regular Meeting of the City Council of Chandler, Arizona, held on the 11th day of May 2023. I further certify that the meeting was duly called and held and that a quorum was present.

DATED this \_\_\_\_\_ day of May, 2023.

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City Clerk





**City Council Memorandum      City Clerk's Office    Memo No. N/A**

**Date:** May 22, 2023  
**To:** Vice Mayor and City Council  
**From:** Mayor Kevin Hartke  
**Subject:** Board and Commission Appointments

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**Proposed Motion:**

Move City Council approve the Board and Commission appointments as recommended.

**Mayor's Youth Commission**

Reappoint Arnav Nigam  
Reappoint Aashika Dupati  
Reappoint Anthony Bushard  
Reappoint Nivid Sighania  
Reappoint Joseph Bushard  
Reappoint Isaac Ming-Teck Ong  
Reappoint Maria Gonzalez  
Reappoint Sanjana Balaji  
Appoint Jackson Heinkel  
Appoint Shripal Dupati  
Appoint Makenzie Cole  
Appoint Julianna Henderson  
Appoint Ashwin Vijayaraghavan  
Appoint Olivia Lu

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**City Council Memorandum      Government Relations & Transportation**  
**Policy Memo No. CP23-148**

**Date:** May 22, 2023  
**To:** Mayor and Council  
**Thru:** Joshua H. Wright, City Manager  
Ryan Peters, Strategic Initiatives Director  
Kimberly Moon, Capital Projects Manager  
Jason Crampton, Transportation Planning Manager  
**From:** Daniel Haskins, Principal Engineer  
**Subject:** Professional Services Agreement No. TP2202.201, with Kimley-Horn & Associates for the Kyrene Branch and Highline Canal Shared Use Path Design Services

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**Proposed Motion:**

Move City Council award Professional Services Agreement No. TP2202.201 to Kimley-Horn & Associates for the Kyrene Branch and Highline Canal Shared Use Path Design Services, in an amount not to exceed \$574,883.11.

**Background/Discussion:**

This project has been identified in the Chandler Transportation Master Plan 2019 Update as a near-term (2020-2025) Bicycle and Pedestrian Recommended Project.

A preliminary design study was completed in 2022. The preliminary design effort conducted public outreach and developed 15% design plans for the project. Public outreach consisted of targeted stakeholder outreach to neighboring homeowner associations and businesses and an open-house style public meeting held on August 22, 2022. More information on public feedback received at the open house can be found in Attachment 3. Additional public outreach will be conducted throughout the final design process.

This project will improve existing pedestrian and bicycle facilities along the Highline Canal and the Kyrene Branch Canal. The designer will provide plans

for improving existing public paths with 0.9 miles of 10-foot wide concrete to enhance the shared use path along the Salt River Project's Kyrene Branch Canal at the Kyrene Road and Knox Road intersection, and continuing in a southwest direction to just south of Linda Lane. The designer will also provide plans for a quarter mile of 10-foot wide concrete on an existing shared use pathway along Salt River Project's Highline Canal beginning from the paved path's existing terminus at the City of Chandler's shared municipal border with the City of Tempe and continuing southwest to Orchid Lane. Additionally, the design will also provide new bike lanes on Orchid Lane and 54th Street to provide connections to Ray Road bike lanes and regional commercial centers. Both canal paths will enhance connections with regional paved paths existing in Tempe.

The project scope of work consists of data collection, public utility coordination, progress meetings, public and stakeholder meetings, project management, design survey, right-of-way coordination, geotechnical services, environmental services, plans, specifications, engineering estimates, submittals, and bidding assistance. The Agreement completion time is 250 calendar days following Notice to Proceed.

Based on public feedback received during the preliminary design study, the following strategies will be explored during final design to better address these key concerns:

- Coordinate with SRP to install gates or other physical barrier to restrict vehicular access
- Install pet waste stations and trash receptacles along pathway
- Explore signage and other potential solutions to clearly differentiate private property from the public right-of-way
- Consider alternatives to pavement markings on residential street crossings
- Provide shields on path lighting to prevent light spillage into private residences
- Coordinate with the City of Tempe to explore extending sidewalk south from the canal on the west side of Kyrene Road where there is currently a gap in the sidewalk.
- Explore solutions to reduce visibility into adjacent residential backyards
- Reduce the scale of or consider an alternative location for vertical elements (such as wayfinding and trail amenities) in areas with high visibility from existing residential areas
- Explore end-of-trail access near Linda Lane, including coordinating potential partnerships for trailhead parking and trail access
- Consider strategies to minimize bicycle and pedestrian conflicts through alternative design considerations, such as pavement markings, concrete texturing or modifying concrete width, if needed

**Evaluation:**

The City's selection process was conducted in accordance with City policy and procedures and State law. Staff recommends approval of this agreement with Kimley-Horn and Associates based on qualifications, relevant firm experience, team experience, project understanding, and project approach.

**Financial Implications:**

The majority of this project will be funded through federal grants. This project has been awarded \$464,000 in design grant funding and \$3,339,000 in construction grant funding. Additional grant funding may be pursued if cost estimates during design come in higher than the provided construction grant funding.

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**Fiscal Impact**

<b>Account No.</b>	<b>Fund Name</b>	<b>Program Name</b>	<b>Dollar Amount</b>	<b>CIP Funded Y/N</b>
417.3060.5219.6TP767	Capital Grants	Kyrene Branch Canal Share	\$464,000.00	Y
411.3060.5219.6TP767	Streets G.O. Bonds	Kyrene Branch Canal Share	\$110,883.11	Y

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**Attachments**

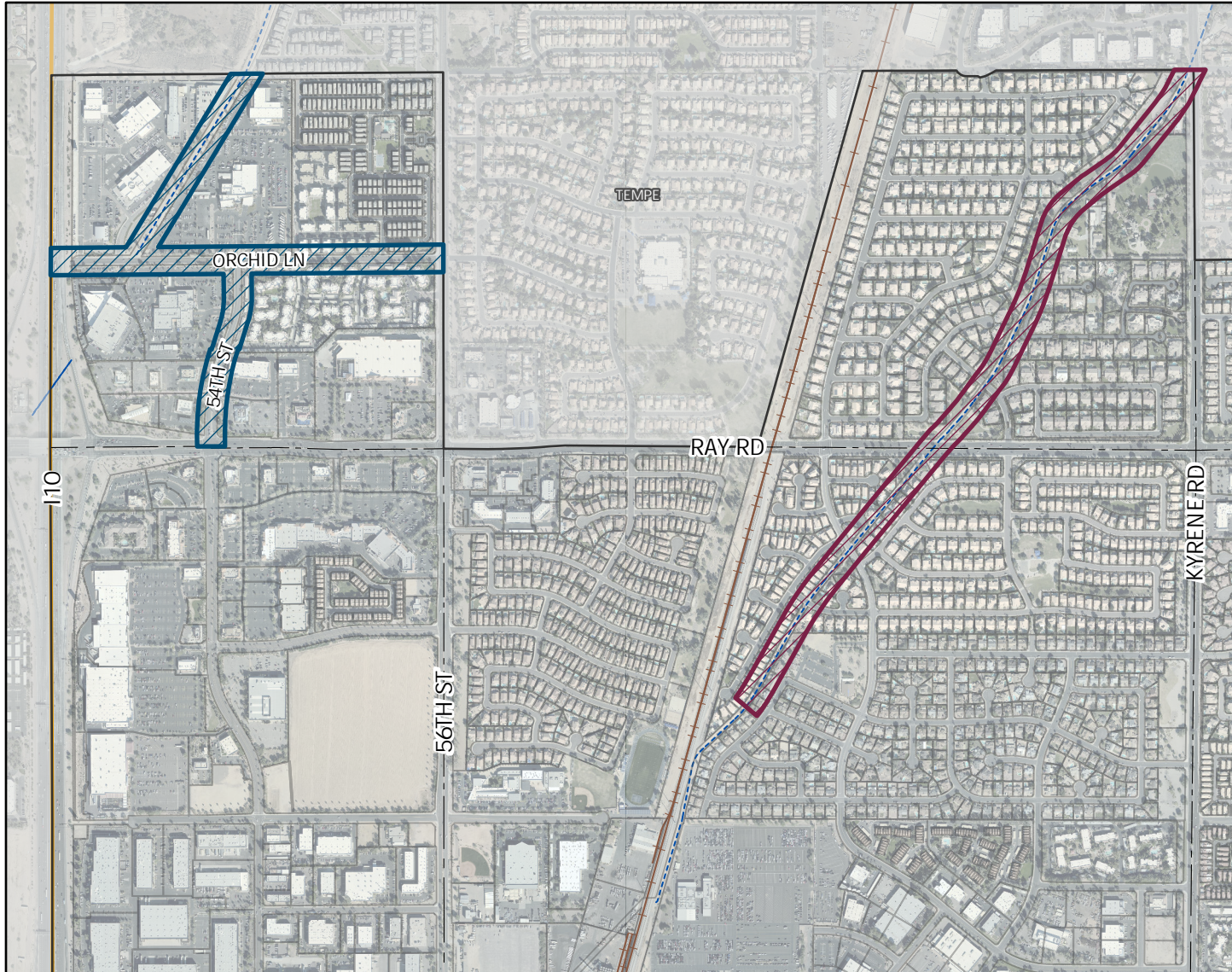
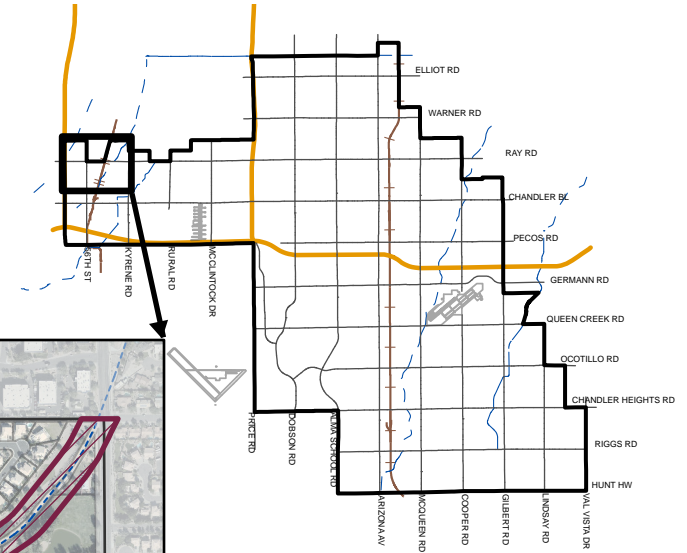
Location Map

Agreement



Open House Summary



# KYRENE BRANCH AND HIGHLINE CANAL SHARED USE PATH PROJECT NO. TP2202.201, CHN-O(252)D, T038703D



MEMO NO. CP23-148

-  HIGHLINE CANAL  
SHARED USE PATH
-  KYRENE BRANCH CANAL  
SHARED USE PATH



## PROFESSIONAL SERVICES AGREEMENT

### Design Services

#### KYRENE BRANCH AND HIGHLINE CANAL SHARED USE PATH

City Project No. TP2202-201; Federal No.: CHN0252D; ADOT No.: T038703D

Council Date: May 25, 2023

Item No.

This Agreement ("Agreement") is made and entered into on the \_\_\_\_ day of \_\_\_\_\_, 2023 ("Effective Date"), by and between City of Chandler, an Arizona municipal corporation, ("City"), and **Kimley-Horn and Associates, Inc.**, a North Carolina corporation, ("Consultant") (City and Consultant may individually be referred to as "Party" and collectively referred to as "Parties").

### RECITALS

A. City proposes to engage Consultant to provide Design Services for **KYRENE BRANCH AND HIGHLINE CANAL SHARED USE PATH** project as more fully described in **Exhibit "A"**, which is attached to and made a part of this Agreement by this reference.

B. Consultant 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.

C. City desires to enter into an Agreement with Consultant to provide these services under the terms and conditions set forth in this Agreement.

### AGREEMENT

**NOW, THEREFORE**, in consideration of the premises and the mutual promises contained in this Agreement, City and Consultant agree as follows:

#### SECTION I--CONSULTANT'S SERVICES

Consultant must perform the services described in **Exhibit "A"** to City's satisfaction within the terms and conditions of this Agreement and within the care and skill that a person who provides similar services in Chandler, Arizona exercises under similar conditions. All work or services furnished by Consultant under this Agreement must be performed in a skilled and workmanlike manner. All fixtures, furnishings, and equipment furnished by Consultant as part of the work or services under this Agreement must be new, or the latest model, and of the most suitable grade and quality for the intended purpose of the work or service.



## **SECTION II--PERIOD OF SERVICE**

Consultant must perform the services described in **Exhibit "A"** for the term of this Agreement. Unless amended in writing by the Parties, the Agreement term expires **250** calendar days after the Notice to Proceed (NTP) Date.

## **SECTION III--PAYMENT OF COMPENSATION AND FEES**

Unless amended in writing by the Parties, Consultant's compensation and fees as more fully described in **Exhibit "B"** for performance of the services approved and accepted by City under this Agreement must not exceed **\$574,883.11** for the full term of the Agreement. Consultant may not increase any compensation or fees under this Agreement without the City's prior written consent. Consultant must submit monthly requests for payment of services approved and accepted during the previous billing period and must include, as applicable, detailed invoices and receipts, a narrative description of the tasks accomplished during the billing period, a list of any deliverables submitted, and any subconsultant's or supplier's actual requests for payment plus similar narrative and listing of their work. Consultant must submit an Application and Certification for Payment Sheet with the monthly request for payment to: CapitalProjects.Payables@chandleraz.gov. Payment for those services negotiated as a lump sum will be made in accordance with the percentage of the work completed during the preceding billing period. Services negotiated as a not-to-exceed fee will be paid in accordance with the work effort expended on the service during the preceding month. All requests for payment must be submitted to City for review and approval. City will make payment for approved and accepted services within 30 calendar days of City's receipt of the request for payment. Consultant bears all responsibility and liability for any and all tax obligations that result from Consultant's performance under this Agreement.

## **SECTION IV--CITY'S OBLIGATIONS**

As part of Consultant's services under this Agreement, City will provide furnished items, services, or obligations as detailed in **Exhibit "D"**.

## **SECTION V--GENERAL CONDITIONS**

5.1 Notices. Unless otherwise provided herein, demands under this Agreement must be in writing and will be deemed to have been duly given and received either (a) on the date of service if personally served on the party to whom notice is to be given, or (b) on the third day after the date of the postmark of deposit by first class United States mail, registered or certified, postage prepaid and properly addressed as follows:

To City:	City of Chandler - Public Works & Utilities Department Attn: CIP City Engineer: Kimberly Moon, P.E. P.O. Box 4008, Mail Stop 407 Chandler, AZ 85244-4008 Phone: 480-782-3349      Email: kimberly.moon@chandleraz.gov																																			
With a copy to:	City of Chandler - Public Works & Utilities Department Attn: Dan Haskins, Project Manager P.O. Box 4008, Mail Stop 407, Chandler, AZ 85244-4008 Phone: 480-782-3335      Email: Daniel.haskins@chandleraz.gov																																			
To Consultant:	<table border="1"> <tr> <td colspan="2"><b>LEGAL COMPANY NAME:</b></td> <td><b>Kimley-Horn and Associates, Inc.</b></td> </tr> <tr> <td>Mailing Address:</td> <td colspan="2">421 Fayetteville Street, Suite 600, Raleigh, NC 27601</td> </tr> <tr> <td>Physical Address:</td> <td colspan="2">7740 N. 16th Street, Suite 300, Phoenix, AZ 85020</td> </tr> <tr> <td>Statutory Agent Name:</td> <td colspan="2">N/A</td> </tr> <tr> <td>Statutory Agent Mailing Address:</td> <td colspan="2">N/A</td> </tr> <tr> <td>Statutory Agent Physical Address:</td> <td colspan="2">N/A</td> </tr> <tr> <td colspan="3"><b>CONSULTANT'S AUTHORIZED PROJECT REPRESENTATIVE</b></td> </tr> <tr> <td>Name:</td> <td colspan="2">Anne DeBoard</td> </tr> <tr> <td>Title:</td> <td colspan="2">S. Project Manager</td> </tr> <tr> <td>Phone:</td> <td colspan="2">602-906-1106</td> </tr> <tr> <td>Email:</td> <td colspan="2">Anne.deboard@kimley-horn.com</td> </tr> </table>			<b>LEGAL COMPANY NAME:</b>		<b>Kimley-Horn and Associates, Inc.</b>	Mailing Address:	421 Fayetteville Street, Suite 600, Raleigh, NC 27601		Physical Address:	7740 N. 16th Street, Suite 300, Phoenix, AZ 85020		Statutory Agent Name:	N/A		Statutory Agent Mailing Address:	N/A		Statutory Agent Physical Address:	N/A		<b>CONSULTANT'S AUTHORIZED PROJECT REPRESENTATIVE</b>			Name:	Anne DeBoard		Title:	S. Project Manager		Phone:	602-906-1106		Email:	Anne.deboard@kimley-horn.com	
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Name:	Anne DeBoard																																			
Title:	S. Project Manager																																			
Phone:	602-906-1106																																			
Email:	Anne.deboard@kimley-horn.com																																			

5.2 Records/Audit. Records of Consultant's direct personnel payroll, reimbursable expenses pertaining to this Agreement and records of accounts between City and Consultant must be kept on the basis of generally accepted accounting principles and must be made available to City and its auditors for up to three years following City's final acceptance of the services under this Agreement (this requirement is increased to five years if construction of this project is federally funded). City, its authorized representative, or any federal agency, reserves the right to audit Consultant's records to verify the accuracy and appropriateness of all cost and pricing data, including data used to negotiate this Agreement and any amendments. City reserves the right to decrease the total amount of Agreement price or payments made under this Agreement or request reimbursement from Consultant following final Agreement payment on this Agreement if, upon audit of Consultant's records, the audit discloses Consultant has provided false, misleading, or inaccurate cost and pricing data. Consultant will include a similar provision in all of its Agreements with subconsultants who provide services under the Agreement to ensure that City, its authorized representative, or the appropriate federal agency, has access to the subconsultants' records to verify the

accuracy of all cost and pricing data. City reserves the right to decrease Agreement price or payments made on this Agreement or request reimbursement from Consultant following final payment on this Agreement if the above provision is not included in subconsultant agreements, and one or more subconsultants refuse to allow City to audit their records to verify the accuracy and appropriateness of all cost and pricing data. If, following an audit of this Agreement, the audit discloses Consultant has provided false, misleading, or inaccurate cost and pricing data, and the cost discrepancies exceed 1% of the total Agreement billings, Consultant will be liable for reimbursement of the reasonable, actual cost of the audit.

5.3 Alteration in Character of Work. Whenever an alteration in the character of work results in a substantial change in this Agreement, thereby materially increasing or decreasing the scope of services, cost of performance, or Project schedule, the work will be performed as directed by City. However, before any modified work is started, a written amendment must be approved and executed by City and Consultant. Such amendment must not be effective until approved by City. Additions to, modifications, or deletions from this Agreement as provided herein may be made, and the compensation to be paid to Consultant may accordingly be adjusted by mutual agreement of the Parties. It is distinctly understood and agreed that no claim for extra services or materials furnished by Consultant will be allowed by City except as provided herein, nor must Consultant do any work or furnish any materials not covered by this Agreement unless such work is first authorized in writing. Any such work or materials furnished by Consultant without prior written authorization will be at Consultant's own risk, cost, and expense, and Consultant hereby agrees that without written authorization Consultant will make no claim for compensation for such work or materials furnished.

5.4 Termination. City and Consultant hereby agree to the full performance of the covenants contained herein, except that City reserves the right, at its discretion and without cause, to terminate or abandon any service provided for in this Agreement, or abandon any portion of the Project for which services have been performed by Consultant. In the event City abandons or suspends the services, or any part of the services as provided in this Agreement, City will notify Consultant in writing and immediately after receiving such notice, Consultant must discontinue advancing the work specified under this Agreement. Upon such termination, abandonment, or suspension, Consultant must deliver to City all drawings, plans, specifications, special provisions, estimates and other work entirely or partially completed, together with all unused materials supplied by City. Consultant must appraise the work Consultant has completed and submit Consultant's appraisal to City for evaluation. City may inspect Consultant's work to appraise the work completed. Consultant will receive compensation in full for services performed to the date of such termination. The fee will be paid in accordance with Section III of this Agreement, and as mutually agreed upon by Consultant and City. If there is no mutual agreement on payment, the final determination will be made in accordance with the "Disputes" provision in this Agreement. However, in no event may the fee exceed the fee set forth in Section III of this Agreement nor as amended in accordance with Section "Alteration in Character of Work." City will make the final payment within 60 days after Consultant has delivered the last of the partially completed items and the Parties agree on the final fee. If City is found to have improperly terminated the Agreement for cause or default, the termination will be converted to a termination for convenience in accordance with the provisions of this Agreement.

5.5 Indemnification. To the extent permitted by law, the Consultant ("Indemnitor") must indemnify, save and hold harmless City and its officers, officials, agents and employees ("Indemnitee") from any and all claims, actions, liabilities, damages, losses or expenses (including court costs, attorneys' fees and costs of claim processing, investigation and litigation) ("Claims") caused or alleged to be caused, in whole or in part, by the wrongful, negligent or willful acts, or errors or omissions of Consultant or any of its owners, officers, directors, agents, employees, or subconsultants in connection with this Agreement. This indemnity includes any claim or amount arising out of or recovered under workers' compensation law or on account of the failure of Consultant to conform to any federal, state or local law, statute, ordinance, rule, regulation or court decree. Consultant must indemnify Indemnitee from and against any and all Claims, except those arising solely from Indemnitee's own negligent or willful acts or omissions. Consultant is responsible for primary loss investigation, defense and judgment costs where this indemnification applies. In consideration of the award of this Agreement, Consultant agrees to waive all rights of subrogation against Indemnitee for losses arising from or related to this Agreement. The obligations of Consultant under this provision survive the termination or expiration of this Agreement.

5.6 Insurance Requirements. Consultant must procure insurance under the terms and conditions and for the amounts of coverage set forth in **Exhibit "C"** against claims that may arise from or relate to performance of the work under this Agreement by Consultant and its agents, representatives, employees, and subconsultants. Consultant and any subconsultant must maintain this insurance until all of their obligations have been discharged, including any warranty periods under this Agreement. These insurance requirements are minimum requirements for this Agreement and in no way limit the indemnity covenants contained in this Agreement. City in no way warrants that the minimum limits stated in **Exhibit "C"** are sufficient to protect Consultant from liabilities that might arise out of the performance of the work under this Agreement by Consultant, Consultant's agents, representatives, employees, or subconsultants. Consultant is free to purchase such additional insurance as may be determined necessary.

5.7 Cooperation and Further Documentation. Consultant agrees to provide City such other duly executed documents as may be reasonably requested by City to implement the intent of this Agreement.

5.8 Successors and Assigns. City and Consultant each bind itself, its partners, successors, assigns, and legal representatives to the other party to this Agreement and to the partners, successors, assigns, and legal representatives of such other party in respect to all covenants of this Agreement. Neither City nor Consultant may assign, sublet, or transfer its interest in this Agreement without the written consent of the other party. In no event may any contractual relation be created between any third party and City.

5.9 Disputes. In any dispute arising out of an interpretation of this Agreement or the duties required not disposed of by agreement between Consultant and City, the final determination at the administrative level will be made by City Engineer.

5.10 Completeness and Accuracy of Consultant's Work. Consultant must be responsible for the completeness and accuracy of Consultant's services, data, and other work prepared or

compiled under Consultant's obligation under this Agreement and must correct, at Consultant's expense, all willful or negligent errors, omissions, or acts that may be discovered. Correction of errors disclosed and determined to exist during any construction of the project on architectural or engineering drawings and specifications must be accomplished by Consultant. The cost of the design necessary to correct those errors attributable to Consultant and any damage incurred by City as a result of additional construction costs caused by such engineering or architectural errors will be chargeable to Consultant and will not be considered a cost of the Work. The fact that City has accepted or approved Consultant's work will in no way relieve Consultant of any of Consultant's responsibilities.

5.11 Reporting. Written monthly reports, along with updated work schedules, will be made by Consultant in the format prescribed by City. These reports will be delivered to City per schedule. When requested by City, Consultant will attend Council meetings and provide finished documents including correspondence for Council action, supporting charts, graphs, drawings and colored slides of same.

5.12 Withholding Payment. City reserves the right to withhold funds from Consultant's payments up to the amount equal to the claims City may have against Consultant until such time that a settlement on those claims has been reached.

5.13 City's Right of Cancellation. The Parties acknowledge that this Agreement is subject to cancellation by City under the provisions of Section 38-511, Arizona Revised Statutes (A.R.S.).

5.14 Independent Consultant. For this Agreement Consultant constitutes an independent contractor. Any provisions in this Agreement that may appear to give City the right to direct Consultant as to the details of accomplishing the work or to exercise a measure of control over the work means that Consultant must follow the wishes of City as to the results of the work only. These results must comply with all applicable laws and ordinances.

5.15 Project Staffing. Prior to the start of any work under this Agreement, Consultant must submit to City detailed resumes of key personnel that will be involved in performing services prescribed in the Agreement. City hereby acknowledges its acceptance of such personnel to perform services under this Agreement. At any time hereafter that Consultant desires to change key personnel while performing under the Agreement, Consultant must submit the qualifications of the new personnel to City for prior approval. Key personnel include, but are not limited to, principals-in-charge, project manager, and project Consultant. Consultant will maintain an adequate and competent staff of qualified persons, as may be determined by City, throughout the performance of this Agreement to ensure acceptable and timely completion of the Scope of Services. If City objects, with reasonable cause, to any of Consultant's staff, Consultant must take prompt corrective action acceptable to City and, if required, remove such personnel from the Project and replace with new personnel agreed to by City.

5.16 Consultants or Subconsultants. Prior to beginning the work, Consultant must furnish City for approval the names of consultants or subconsultants to be used under this Agreement. Any subsequent changes are subject to City's written prior approval.

5.17 Force Majeure. If either party is delayed or prevented from the performance of any act

required under this Agreement by reason of acts of God or other cause beyond the control and without fault of the Party (financial inability excepted), performance of that act may be excused, but only for the period of the delay, if the Party provides written notice to the other Party within ten days of such act. The time for performance of the act may be extended for a period equivalent to the period of delay from the date written notice is received by the other Party.

5.18 Compliance with Federal Laws. Consultant understands and acknowledges the applicability of the Americans with Disabilities Act, the Immigration Reform and Control Act of 1986 and the Drug Free Workplace Act of 1989 to it. Consultant agrees to comply with these laws in performing this Agreement and to permit City to verify such compliance.

5.19 No Israel Boycott. By entering into this Agreement, Consultant certifies that Consultant is not currently engaged in, and agrees for the duration of the Agreement, not to engage in a boycott of Israel as defined by state statute.

5.20 Legal Worker Requirements. A.R.S. § 41-4401 prohibits City from awarding an Agreement to any consultant who fails, or whose subconsultants fail, to comply with A.R.S. § 23-214(A). Therefore, Consultant agrees Consultant and each subconsultant it uses warrants their compliance with all federal immigration laws and regulations that relate to their employees and their compliance with § 23-214, subsection A. A breach of this warranty will be deemed a material breach of the Agreement and may be subject to penalties up to and including termination of the Agreement. City retains the legal right to inspect the papers of any Consultant's or subconsultant's employee who provides services under this Agreement to ensure that Consultant and subconsultants comply with the warranty under this provision.

5.21 Lawful Presence Requirement. A.R.S. §§ 1-501 and 1-502 prohibit City from awarding an Agreement to any natural person who cannot establish that such person is lawfully present in the United States. To establish lawful presence, a person must produce qualifying identification and sign a City-provided affidavit affirming that the identification provided is genuine. This requirement will be imposed at the time of Agreement award. This requirement does not apply to business organizations such as corporations, partnerships, or limited liability companies.

5.22 Covenant Against Contingent Fees. Consultant warrants that no person has been employed or retained to solicit or secure this Agreement upon an agreement or understanding for a commission, percentage, brokerage, or contingent fee, and that no member of the Chandler City Council, or any City employee has any interest, financially, or otherwise, in Consultant's firm. For breach or violation of this warrant, City may annul this Agreement without liability or, at its discretion, to deduct from the Agreement price or consideration, the full amount of such commission, percentage, brokerage, or contingent fee.

5.23 Non-Waiver Provision. The failure of either Party to enforce any of the provisions of this Agreement or to require performance of the other Party of any of the provisions hereof must not be construed to be a waiver of such provisions, nor must it affect the validity of this Agreement or any part thereof, or the right of either Party to thereafter enforce each and every provision.



5.24 Disclosure of Information Adverse to City's Interests. To evaluate and avoid potential conflicts of interest, Consultant must provide written notice to City, as set forth in this Section, of any work or services performed by Consultant for third parties that may involve or be associated with any real property or personal property owned or leased by City. Such notice must be given 7 business days prior to commencement of the services by Consultant for a third party, or 7 business days prior to an adverse action as defined below. Written notice and disclosure must be sent in accordance with Section 6.7 above. An adverse action under this Agreement includes, but is not limited to: (a) using data as defined in the Agreement acquired in connection with this Agreement to assist a third party in pursuing administrative or judicial action against City; or (b) testifying or providing evidence on behalf of any person in connection with an administrative or judicial action against City; or (c) using data to produce income for Consultant or its employees independently of performing the services under this Agreement, without the prior written consent of City. Consultant represents that except for those persons, entities, and projects identified to City, the services performed by Consultant under this Agreement are not expected to create an interest with any person, entity, or third party project that is or may be adverse to City's interests. Consultant's failure to provide a written notice and disclosure of the information as set forth in this Section constitute a material breach of this Agreement.

5.25 Data Confidentiality and Data Security. As used in the Agreement, "data" means all information, whether written or verbal, including plans, photographs, studies, investigations, audits, analyses, samples, reports, calculations, internal memos, meeting minutes, data field notes, work product, proposals, correspondence and any other similar documents or information prepared by, obtained by, or transmitted to Consultant or its subconsultants in the performance of this Agreement. The Parties agree that all data, regardless of form, including originals, images, and reproductions, prepared by, obtained by, or transmitted to Consultant or its subconsultants in connection with Consultant's or its subconsultant's performance of this Agreement is confidential and proprietary information belonging to City. Except as specifically provided in this Agreement, Consultant or its subconsultants must not divulge data to any third party without City's prior written consent. Consultant or its subconsultants must not use the data for any purposes except to perform the services required under this Agreement. These prohibitions do not apply to the following data provided to Consultant or its subconsultants have first given the required notice to City: (a) data which was known to Consultant or its subconsultants prior to its performance under this Agreement or its subconsultants by a third party, who to the best of Consultant's or its subconsultants' knowledge and belief, had the legal right to make such disclosure and Consultant or its subconsultants are not otherwise required to hold such data in confidence; or (c) data which is required to be disclosed by virtue of law, regulation, or court order, to which Consultant or its subconsultants are subject. In the event Consultant or its subconsultants are required or requested to disclose data to a third party, or any other information to which Consultant or its subconsultants became privy as a result of any other Agreement with City, Consultant must first notify City as set forth in this Section of the request or demand for the data. Consultant or its subconsultants must give City sufficient facts so that City can be given an opportunity to first give its consent or take such action that City may deem appropriate to protect such data or other information from disclosure. All data must continue to be subject to the confidentiality agreements of this Agreement. Consultant or its subconsultants assume all liability to maintain the confidentiality of the data in its possession and agrees to compensate City if any of the provisions of this Section are violated by

Consultant, its employees, agents or subconsultants. Solely for the purposes of seeking injunctive relief, it is agreed that a breach of this Section must be deemed to cause irreparable harm that justifies injunctive relief in court. Consultant agrees that the requirements of this Section must be incorporated into all subagreements entered into by Consultant. A violation of this Section may result in immediate termination of this Agreement without notice.

**5.26 Personal Identifying Information-Data Security.** Personal identifying information, financial account information, or restricted City information, whether electronic format or hard copy, must be secured and protected at all times by Consultant or its subconsultants. At a minimum, Consultant or its subconsultants must encrypt or password-protect electronic files. This includes data saved to laptop computers, computerized devices, or removable storage devices. When personal identifying information, financial account information, or restricted City information, regardless of its format, is no longer necessary, the information must be redacted or destroyed through appropriate and secure methods that ensure the information cannot be viewed, accessed, or reconstructed. In the event that data collected or obtained by Consultant or its subconsultants in connection with this Agreement is believed to have been compromised, Consultant or its subconsultants must immediately notify City contact. Consultant agrees to reimburse City for any costs incurred by City to investigate potential breaches of this data and, where applicable, the cost of notifying individuals who may be impacted by the breach. Consultant agrees that the requirements of this Section must be incorporated into all subcontracts entered into by Consultant. It is further agreed that a violation of this Section must be deemed to cause irreparable harm that justifies injunctive relief in court. A violation of this Section may result in immediate termination of this Agreement without notice. The obligations of Consultant or its subconsultants under this Section must survive the termination of this Agreement.

**5.27 Jurisdiction and Venue.** This Agreement is made under and must be construed in accordance with and governed by the laws of the State of Arizona without regard to the conflicts or choice of law provisions thereof. Any action to enforce any provision of this Agreement or to obtain any remedy with respect hereto must be brought in the courts located in Maricopa County, Arizona, and for this purpose, each Party hereby expressly and irrevocably consents to the jurisdiction and venue of such court.

**5.28 Survival.** All warranties, representations, and indemnifications by Consultant must survive the completion or termination of this Agreement.

**5.29 Modification.** Except as expressly provided herein to the contrary, no supplement, modification, or amendment of any term of this Agreement will be deemed binding or effective unless in writing and signed by the Parties.

**5.30 Severability.** If any provision of this Agreement or the application to any person or circumstance may be invalid, illegal or unenforceable to any extent, the remainder of this Agreement and the application will not be affected and will be enforceable to the fullest extent permitted by law.

**5.31 Integration.** This Agreement contains the full agreement of the Parties. Any prior or contemporaneous written or oral agreement between the Parties regarding the subject matter is merged and superseded.

5.32 Time is of the Essence. Time of each of the terms, covenants, and conditions of this Agreement is hereby expressly made of the essence.

5.33 Date of Performance. If the date of performance of any obligation or the last day of any time period provided for should fall on a Saturday, Sunday, or holiday for City, the obligation will be due and owing, and the time period will expire, on the first day after which is not a Saturday, Sunday or legal City holiday. Except as may otherwise be set forth in this Agreement, any performance provided for herein will be timely made if completed no later than 5:00 p.m. (Chandler time) on the day of performance.

5.34 Third Party Beneficiary. Nothing under this Agreement will be construed to give any rights or benefits in the Agreement to anyone other than City and Consultant, and all duties and responsibilities undertaken pursuant to this Agreement will be for the sole and exclusive benefit of City and Consultant and not for the benefit of any other party.

5.35 Conflict in Language. All work performed must conform to all applicable City of Chandler codes, ordinances, and requirements as outlined in this Agreement. If there is a conflict in interpretation between provisions in this Agreement and those in **Exhibit "A"**, the provisions in this Agreement prevail.

5.36 Document/Information Release. Documents and materials released to Consultant, which are identified by City as sensitive and confidential, are City's property. The document/material must be issued by and returned to City upon completion of the services under this Agreement. Consultant secondary distribution, disclosure, copying, or duplication in any manner is prohibited without City's prior written approval. The document/material must be kept secure at all times. This directive applies to all City documents, whether in photographic, printed, or electronic data format.

5.37 Exhibits. The following exhibits are made a part of this Agreement and are incorporated by reference:

**Exhibit A** - Scope of Services / Schedule

**Exhibit B** - Compensation and Fees

**Exhibit C** - Insurance Requirements

**Exhibit D** - Special Conditions

**Exhibit E** – Federal Requirements (if applicable)

5.38 Special Conditions. As part of the services Consultant provides under this Agreement, Consultant agrees to comply with and fully perform the special terms and conditions set forth in **Exhibit "D"**, which is attached to and made a part of this Agreement.

5.39 Non-Discrimination and Anti-Harassment Laws. Consultant must comply with all applicable City, state, and federal non-discrimination and anti-harassment laws, rules, and regulations.

5.40 Licenses and Permits. Beginning with the Effective Date and for the full term of this Agreement, Consultant must maintain all applicable City, state, and federal licenses and

permits required to fully perform Consultant's services under this Agreement.

5.41 Warranties. Consultant must furnish a one-year warranty on all work and services performed under this Agreement. Consultant must furnish, or cause to be furnished, a two-year warranty on all fixtures, furnishings, and equipment furnished by Consultant, subconsultants or suppliers under this Agreement. Any defects in design, workmanship, or materials that do not comply with this Agreement must be corrected by Consultant (including, but not limited to, all parts and labor) at Consultant's sole cost and expense. All written warranties and redlines for as-built conditions must be delivered to City on or before City's final acceptance of Consultant's services under this Agreement.

5.42 Cooperative Purchasing Agreement (S.A.V.E. – Strategic Alliance for Volume Expenditures). In addition to City of Chandler and with the approval of Consultant, this Agreement may be extended for use by other municipalities, school districts, and government agencies of the State. Any such usage by other entities must be in accordance with the ordinance, charter, or procurement rules and regulations of the respective political entity.

5.43 Budget Approval into Next Fiscal Year. This Agreement will commence on the Effective Date and continue in full force and effect until it is terminated or expires in accordance with the provisions of this Agreement. The Parties recognize that the continuation of this Agreement after the close of the City's fiscal year, which ends on June 30 of each year, is subject to the City Council's approval of a budget that includes an appropriation for this item as an expenditure. The City does not represent that this budget item will be actually adopted. This determination is solely made by the City Council.

5.44 Forced Labor of Ethnic Uyghurs Prohibited. By entering into this Agreement, Contractor certifies and agrees Contractor does not currently use and will not use for the term of this Agreement: (i) the forced labor of ethnic Uyghurs in the People's Republic of China; or (ii) any goods or services produced by the forced labor of ethnic Uyghurs in the People's Republic of China; or (iii) any contractors, subcontractors or suppliers that use the forced labor or any goods or services produced by the forced labor of ethnic Uyghurs in the People's Republic of China.

5.45 License to City for Reasonable Use. With this Agreement, Consultant and its subconsultants hereby grant a license to City, its agents, employees, and representatives for an indefinite period of time to reasonably use, make copies, and distribute as appropriate the Documents, works or deliverables developed or created as a result of the Project and this Agreement. This license also includes the making of derivative works.

This Agreement will be in full force and effect only when it has been approved and executed by the duly authorized City officials.

**IN WITNESS WHEREOF**, the Parties have executed this Agreement as of the Effective Date.

**"CITY" CITY OF CHANDLER**


**"CONSULTANT"**

**Kimley-Horn and Associates, Inc.**

\_\_\_\_\_  
MAYOR

  
\_\_\_\_\_  
Signature 05/03/2023  
Date

**RECOMMENDED BY:**


  
\_\_\_\_\_  
Kimberly Moon, P.E.  
CIP City Engineer

Adam C. Perillo, PLA  
\_\_\_\_\_  
Print Name

Senior Vice President  
\_\_\_\_\_  
Title

**APPROVED AS TO FORM:**

adam.perillo@kimley-horn.com  
\_\_\_\_\_  
Signer Email Address

\_\_\_\_\_  
City Attorney 

**ATTEST:**

\_\_\_\_\_  
City Clerk Seal

**EXHIBIT "A"**  
**SCOPE OF SERVICES/SCHEDULE**



## **PROJECT DESCRIPTION**

The Kyrene Branch and Highline Canal Shared Use Path project consists of approximately one-quarter mile of new 10-foot wide, concrete shared-use pathway along Salt River Project's (SRP) Highline Canal beginning from the path's existing terminus at the City of Chandler/City of Tempe border and continuing southwest to Orchid Lane. This project also includes one mile of new 10-foot wide, concrete shared-use pathway along SRP's Kyrene Branch Canal beginning at the Kyrene Road and Knox Road intersection and continuing in a southwest direction to south of Linda Lane. Other improvements include separated bike lanes; traffic signals; path/street lighting; curb, gutter, and sidewalk; driveways; wayfinding, and landscape/irrigation. This is a federally funded project using FHWA funds.

## **DESIGN STANDARDS**

DESIGN CONSULTANT shall perform Project Tasks outlined below and all work shall conform to the latest edition and amendments of the following, unless specifically noted otherwise:

- City of Chandler Standard Details and Specifications
- City of Chandler Unified Development Manual (UDM)
- Maricopa Association of Governments (MAG) Uniform Standard Specifications and Details for Public Works Construction
- City of Chandler Supplements to MAG
- Manual of Uniform Traffic Control Devices for Streets and Highways (MUTCD)
- AASHTO Policy on Geometric Design of Highways and Streets
- The Code of the City of Chandler
- Arizona Department of Transportation Utility and Railroad Engineering Section Utility Coordination Guide For Design Consultants (UCGDC)
- Arizona Utility Coordinating Committee (AUCC) Public Improvement Project Guide (PIPG)
- City of Chandler Unified Development Manual
- City of Chandler General Plan
- City of Chandler Transportation Master Plan
- 2011 National Electrical Code
- Americans with Disabilities Act (ADA) requirements
- Proposed Right Of Way Accessibility Guidelines (PROWAG) or ROWAG (if finalized during project duration)

## **PROJECT TASKS**

### **1. DATA COLLECTION**

#### **a. Task 1.1: Collect and Review Existing Records**

- i. DESIGN CONSULTANT will utilize and rely on existing information obtained during the previous MAG Active Transportation Design Assistance studies and will coordinate with the CITY on any additional information needed. CITY shall provide at no cost to DESIGN CONSULTANT the following, but not necessarily limited to, existing information as available: as-built drawings, related design studies and reports, geotechnical investigations, traffic data and projections, maintenance records, and drawings of developments planned within the project area.
- ii. DESIGN CONSULTANT shall keep a log and copy of all information collected through the duration of the project, including photos, as-builts, reports, and other documents provided from CITY, stakeholders, utility companies, external agencies, and developers.
- iii. DESIGN CONSULTANT shall collect the following traffic data:
  1. Thursday AM peak period (6-10am), Thursday PM peak period (3pm-7pm), Friday PM peak period (3pm-7pm) and Saturday MD peak period (10am-2pm) intersection movement counts (including pedestrians and bicyclists) at the following locations:
    - a. Ray Road/54th Street (Weber Drive)
    - b. 54th Street (Weber Drive)/ Shopping Center Driveway approximately 375' north of Ray Rd
    - c. 54th Street (Weber Drive)/Orchid Lane
  2. Friday 3pm – Saturday 3pm and Wednesday 3pm – Thursday 3pm 24-hour parking count (in hourly intervals) along both sides of the road for the following segments:
    - a. Orchid Lane between 54th Street (Weber Drive) and Priest Drive
    - b. 54th Street (Weber Drive) between Orchid Lane and 500' south of Orchid Lane
  3. Thursday PM peak period (2pm-6pm) and Friday AM peak period (6am-10am) intersection movement counts (including pedestrians and bicyclists) at the following locations:
    - a. Ray Road/McKemy Avenue
    - b. Ray Road/Kyrene Road
    - c. Kyrene Road/Knox Road (the northern of the two Kyrene Road/Knox Road intersections, where Knox Road is west of Kyrene Road)
  4. Railroad crossing queue/delay/gate down duration and frequency analysis at railroad crossing on Ray Road ~400' west of McKemy Avenue for the same time periods as the Ray Road/McKemy Avenue intersection movement counts (Thursday 2pm-6pm and Friday 6am-10am)

### **2. PUBLIC UTILITY COORDINATION**

#### **a. Task 2.1 Utility Coordination**

- i. DESIGN CONSULTANT shall perform utility coordination in conformance with City Design Standards and the City's Certificated Acceptance plan for the Arizona Department of Transportation (ADOT).
  1. DESIGN CONSULTANT shall coordinate with each utility company to determine if the utilities have any need to upgrade their facilities before or during the project's construction.

2. DESIGN CONSULTANT shall work with the CITY to coordinate the early determination of facilities that may be abandoned or deactivated.
  3. DESIGN CONSULTANT shall send Utility Conflict Review letters to each utility company notifying them of the project and defining the project scope and timeline along with Project Plans at each submittal (30%, 60%, 95%, 100%) for their review along with a request for written response from each company to determine the disposition of their utility as it relates to the planned roadway improvements.
  4. For each submittal to the utility companies, DESIGN CONSULTANT shall provide the CITY each with a written record of receipt.
- ii. DESIGN CONSULTANT shall work with the CITY to facilitate utility coordination meetings following these submittals (60%, 95%). This task includes up to two (2) virtual general utility coordination meetings. DESIGN CONSULTANT anticipates a maximum of two personnel attending the utility coordination meetings.
  - iii. Per the SRP Design Requirements for Public Recreational Amenities on SRP Canal Rights-of-Way, DESIGN CONSULTANT shall work with the CITY to facilitate SRP coordination meetings following each submittal (60%, 95%, 100%, FINAL). This task includes up to four (4) virtual SRP coordination meetings. DESIGN CONSULTANT anticipates a maximum of two personnel attending the utility coordination meetings.

**b. Task 2.2: Utility Locating and Verification**

- i. DESIGN CONSULTANT will utilize utility mapping collected during the previous MAG Active Transportation Design Assistance studies and will supplement based on field verification.
- ii. DESIGN CONSULTANT shall transmit to the utility companies for verification and comment concerning the utility locations. DESIGN CONSULTANT shall incorporate the utility company comments into the base maps.

2. DESIGN CONSULTANT shall provide up to twenty (20) exploratory potholes at traffic signal foundations locations or other areas identified as needed up to the allotted amount. Pertinent pothole data shall be presented in spreadsheet format on a standard "Testhole Data Summary" form that includes the utility found, depth, horizontal and vertical location, size and material composition, and top and bottom elevation of the utility line exposed. Potholes shall be provided after environmental clearance, assumed to be after the 60% design submittal and included in the 95% plans.

**c. Task 2.3: Utility Clearance Letter and Service Request Letters**

- i. DESIGN CONSULTANT shall prepare a utility clearance letter, providing a review of proposed utility plans, including conflict evaluation, and general considerations.
- ii. DESIGN CONSULTANT shall provide load calculations for new services to the utilities and prepare service request letter.

**3. PROGRESS MEETINGS**

**a. Task 3.1: Monthly Progress Meetings**

- i. This task includes up to fourteen (14) virtual general progress meetings. DESIGN CONSULTANT anticipates a maximum of three (3) personnel attending the Progress Meetings.

- ii. This task includes one phone call update per month (14).
- iii. DESIGN CONSULTANT shall prepare and distribute meeting minutes for each Progress Meeting, including Action Items to be reviewed and updated at each Progress Meeting.
- iv. This task includes coordination of Webex and other virtual formats as needed.

**b. Task 3.2: Comment Resolution Meetings**

- i. Virtual Meetings shall be held no later than one week after redlines are returned to DESIGN CONSULTANT at each plan submittal. Comments Resolution Meetings are for both internal and external agency reviews.

**4. PUBLIC AND STAKEHOLDER MEETINGS**

**a. Task 4.1: Public Meetings**

- i. DESIGN CONSULTANT shall prepare for and participate in two (2) Public Information Meetings. DESIGN CONSULTANT shall prepare display boards that feature the pathway horizontal alignment with existing right-of-way and proposed temporary construction easements (TCEs) from the most recent plan submittal, and also a display board depicting the proposed pathway and roadway sections. DESIGN CONSULTANT anticipates a maximum of three (3) personnel attending the public meetings.
- ii. DESIGN CONSULTANT shall be responsible for the following:
  - 1. Assist CITY in preparing information for mailers/flyers
  - 2. Develop and setup display boards
  - 3. Prepare a meeting sign-in sheet
  - 4. Prepare project facts sheet/agenda handout for meeting
  - 5. Give a brief presentation or set up for open house style meeting. Answer questions as needed.
  - 6. Prepare and make available a public comment sheet at each meeting
  - 7. Provide beverages for each public meeting
  - 8. Provide coordination of Webex or other virtual formats as needed.
  - 9. Provide coordination with CAPA for project website and updates.
- iii. CITY shall be responsible for the following:
  - 1. Secure a location and time for each public meeting
  - 2. Prepare and distribute mailers/flyers to those residents within and adjacent to the project corridor, if required
  - 3. Prepare newspaper notice of meeting, if required

**b. Task 4.2: Stakeholder Meetings**

- i. DESIGN CONSULTANT shall prepare for and participate in up to four (4) Stakeholder Meetings for the duration of the project. Stakeholder meetings may include meetings with Homeowner's Associations, Condominium Associations, adjacent businesses, etc. DESIGN CONSULTANT shall prepare display boards that feature the horizontal alignment and depict existing right-of-way and proposed temporary construction easements (TCEs), and a display board depicting the proposed typical pathway and roadway sections. DESIGN CONSULTANT anticipates a maximum of three (3) personnel attending the Stakeholder Meetings.

- ii. DESIGN CONSULTANT shall be responsible for the following:
  - 1. Develop and setup display boards
  - 2. Prepare a meeting sign-in sheet
  - 3. Give a brief presentation and answer questions as needed
  - 4. Prepare and distribute meeting minutes, including Action Items to be reviewed and updated at each Stakeholder Meeting
  - 5. Provide coordination of Webex or other virtual formats as needed.
- iii. CITY shall be responsible for the following:
  - 1. Secure a location and time for each public meeting
  - 2. Send invitations to stakeholders
- iv. This task includes coordination of Webex and other virtual formats as needed.

**c. Task 4.3: Transportation Commission Meeting**

- i. DESIGN CONSULTANT shall prepare for and participate in one (1) City of Chandler Transportation Commission Meeting. DESIGN CONSULTANT anticipates a maximum of one (1) personnel attending the Transportation Commission Meeting.

**5. PROJECT MANAGEMENT**

**a. Task 5.1: Project Monitoring**

- i. Prepare regular monthly progress reports
- ii. Perform regular budget monitoring
  - 1. Pay applications will be submitted monthly. Invoices will be broken down to the same level of detail as the attached fee schedule. Pay applications will include a copy of the original project schedule and the current project schedule.
- iii. Perform regular schedule monitoring
  - 1. DESIGN CONSULTANT shall adhere to the production schedule established for the project and such schedule may not be modified or deviated from without written consent by the CITY.
  - 2. The following is the project schedule that the DESIGN CONSULTANT shall manage and maintain. DESIGN CONSULTANT shall revise and submit for review an updated schedule whenever completion of the project design, or any of the partial completion points listed in the schedule are delayed by one week or more. Such adjusted schedule shall include a written explanation stating the reasons for the schedule change and a plan for getting back on schedule. DESIGN CONSULTANT shall take all reasonable action necessary to get the project back on schedule and CITY shall cooperate to assist DESIGN CONSULTANT.

Notice To Proceed (NTP)	0
Data Collection/Survey	NTP + 4 Weeks
Submit 30% Plans, Specifications, and Estimate	NTP + 12 Weeks
Submit 60% Plans, Specifications, and Estimate	NTP + 24 Weeks
Environmental Clearance	NTP + 26 Weeks
Submit 95% Plans, Specifications, and Estimate	NTP + 40 Weeks
Submit 100% Plans, Specifications, and Estimate	NTP + 50 Weeks
Submit Final Plans, Specifications, and Estimate	NTP + 58 Weeks

Award Contract

NTP + 70 Weeks

**b. Task 5.2: Manage Sub-Consultants**

- i. DESIGN CONSULTANT shall monitor all sub-consultants schedule and work products and ensure that all activities are coordinated.

**6. DESIGN SURVEY**

**a. Task 6.1: Ground Survey**

- i. DESIGN CONSULTANT will utilize ground survey established during the previous MAG Active Transportation Design Assistance studies.

**b. Task 6.2: Topographic Survey**

- i. DESIGN CONSULTANT shall perform a supplemental topographic survey where needed on existing features including approximately 3,000 linear feet of roadway and 800 linear feet of parks and drainage features. DESIGN CONSULTANT will locate CITY of Chandler control points and enough additional survey monuments in order to orient the project horizontally and vertically with the existing topographic survey.

**7. RIGHT-OF-WAY (ROW) COORDINATION**

**a. Task 7.1: ROW Strip Map**

- i. At Preliminary (15%) Design, DESIGN CONSULTANT shall prepare a right-of-way strip map overlaid on an aerial photograph of the project limits, showing existing property lines, easements, and utilities on the Kyrene Branch Canal, Kyrene Road, Ray Road, the Highline Canal, Orchid Lane and 54<sup>th</sup> Street. The right-of-way strip map is for the purpose of identifying property boundaries to prepare legal descriptions and exhibits for temporary construction easements (TCE) and shall include a list of identified properties and property rights. The CITY shall provide litigation (title) reports for the parcels within the project limits.

**b. Task 7.2: Legal Descriptions**

- i. DESIGN CONSULTANT shall provide legal descriptions and exhibits for the acquisition of temporary construction easements. No new right-of-way is anticipated for this project. DESIGN CONSULTANT shall utilize title reports (mentioned in 7.1 above) and Sectional/centerline field survey to define the boundaries of properties where new easements are anticipated. DESIGN CONSULTANT shall provide closure data for all written legal descriptions and exhibits. The scope of work includes:
  - 1. The preparation of up to five (5) written legal descriptions and exhibits, for permanent and/or temporary easements.

**c. Task 7.3: ROW Documents**

- i. DESIGN CONSULTANT shall submit right-of-way documents to the CITY within 30 days of the resolution of 30% plan review comments. These documents shall include legal descriptions & exhibits, copies of the right-of-way strip maps for all easements.



## 8. GEOTECHNICAL

### a. Task 8.1: Geotechnical Subsurface Exploration and Laboratory Testing

- i. DESIGN CONSULTANT shall perform a review of pertinent documents provided by the CITY regarding geotechnical information associated with the property.
- ii. DESIGN CONSULTANT shall perform a site reconnaissance.
- iii. DESIGN CONSULTANT shall review available construction information for the proposed structure as it relates to geotechnical characteristics of the site.
- iv. DESIGN CONSULTANT shall explore the existing subsurface conditions by drilling seven (7) soil borings to a depth of thirty feet to determine information relative to subsurface soil conditions. The soil test borings will be advanced using a hollow stem auger to the proposed depth or auger refusal is encountered, whichever occurs first. Representative soil samples will be obtained between the surface and a depth of 2.5-feet, at 5-feet, and at 5-foot intervals thereafter to identify if groundwater is encountered during drilling of borings.

### b. Task 8.2: Geotechnical Report

- i. DESIGN CONSULTANT shall prepare a draft geotechnical report, to accompany the 95% submittal, which shall contain the results of the field and laboratory analyses, with presentations of the engineering parameters for the design of foundation systems for construction. In addition, the reports shall contain vicinity maps depicting the project limits, plans showing the boring locations, narrative descriptions of the surface and subsurface conditions, laboratory test results and geotechnical recommendations related to foundation systems including allowable bearing pressure, minimum sizes, predicted performance and lateral earth pressures.
- ii. DESIGN CONSULTANT shall incorporate comments received on the draft geotechnical report into a final geotechnical report to accompany the 100% submittal.

## 9. ENVIRONMENTAL DOCUMENTATION AND CLEARANCE

### a. Task 9.1: Categorical Exclusion (IF FHWA funded project)

- i. National Environmental Policy Act (NEPA) Compliance

Associated documents include:

1. Public and Agency Environmental Scoping
  - a. DESIGN CONSULTANT shall prepare Public Scoping letters for all adjacent land owners within the project limits, as applicable.
  - b. DESIGN CONSULTANT shall prepare Agency Scoping letters for all landowners, including Federal and State Agencies, and other offices/divisions within the proposed project area and/or that may have interest in the proposed project as applicable: The Arizona Game and Fish Department (AGFD), Maricopa County Department of Transportation (MCDOT), Flood Control District of Maricopa County (FCDMC), Parks, Utilities, as applicable.
2. Biological Resources Evaluation
  - a. DESIGN CONSULTANT shall prepare a Biological Evaluation Short Form (BESF) for the project area and submit to ADOT EP for review and approval.

3. Cultural Resource Report
  - a. DESIGN CONSULTANT shall conduct a Class I and Class III cultural resources survey and report for the project area. DESIGN CONSULTANT shall also prepare draft consultation letters for EP use in compliance with Section 106 of the National Historic Preservation Act.
4. Preliminary Initial Site Assessment (PISA)
  - a. DESIGN CONSULTANT shall prepare a Preliminary Initial Site Assessment (PISA) for the project area and submit to ADOT EP for review and approval. DESIGN CONSULTANT shall account for one (1) update to the PISA.
5. Lead Based Paint and Asbestos Testing
  - a. DESIGN CONSULTANT shall conduct lead-based paint (LBP) testing for the project.
  - b. DESIGN CONSULTANT shall conduct Asbestos Containing Material (ACM) testing for the project.
6. Section 4(f) Analysis
  - a. DESIGN CONSULTANT shall identify potential Section 4(f) resources within the project limits and shall complete the appropriate ADOT EP Section 4(f) form analyzing use/constructive use of potential resources. DESIGN CONSULTANT shall submit the draft form to ADOT EP for review and one (1) round of comments. DESIGN CONSULTANT shall finalize the form based on the ADOT EP comments.
7. Title VI/Environmental Justice
8. DESIGN CONSULTANT shall review Title VI/Environmental Justice existing conditions and potential impacts (if any). DESIGN CONSULTANT shall submit findings to EP for review and comment.
9. Team/EP Coordination
  - a. DESIGN CONSULTANT shall coordinate with the internal team and ADOT EP throughout the environmental clearance process. Coordination with ADOT EP is anticipated to be by telephone or email as meetings are included in a separate task. This task assumes a maximum of 60 hours during the environmental clearance process. If additional hours are required, a change order will be required.

#### Services Not Included

Any other services, including but not limited to the following, are not included in this Agreement:

- Phase I Environmental Site Assessment (Phase I ESA), no new ROW is required, only TCEs
- Jurisdictional Delineation, Section 404/401 permitting
- ICE
- Site flagging for avoidance, cultural resources monitoring, or testing/data recovery
- Additional Environmental Documentation, Field Work, Coordination

## 10. PLANS, SPECIFICATIONS AND ESTIMATES

### a. Task 10.1: Plans

- i. Design Consultant shall prepare plans for the project in accordance with City Standards and the City's Certified Acceptance plan with ADOT to administer federally funded projects.

- ii. DESIGN CONSULTANT shall submit plans on CD in AutoCAD .DWG format and exports of each plan sheet and reference files and PDF of each plan sheet and PDFs of complete plans set at the 30%, 60%, 95%, 100%, and Final submittals. Payment for this task shall be directly correlated with submittal percentage.
- iii. Following each review, DESIGN CONSULTANT shall review the CITY's comments and complete the comment resolution forms. DESIGN CONSULTANT shall provide a matrix that summarizes the comments and indicates whether the comment was incorporated or provides justification for not implementing the change noted in the plan review comments. DESIGN CONSULTANT shall provide the comment matrix to the CITY one week prior to the Comment Resolution Meeting. All comments shall be incorporated unless otherwise authorized by the CITY.
- iv. DESIGN CONSULTANT shall provide project plans to external agencies such as Maricopa County Department of Environmental Services, Arizona Department of Transportation, Salt River Project, and Flood Control District of Maricopa County, and upon direction from City to adjacent project consultants and contractors as appropriate to ensure construction activities are permitted and coordinated for construction to start immediately after award of City's construction contract.
- v. Plans shall include:
  - 1. Cover Sheet
  - 2. General Notes Sheets
  - 3. Standard Sections Sheets
  - 4. Paving Plans (Task 10.1A)
  - 5. Drainage Report (Task 10.1B)
  - 6. Traffic Analysis Memorandum (Task 10.1C)
  - 7. Pedestrian and Traffic Signal Plans (Task 10.1D)
  - 8. Path and Street Light Plans (Task 10.1E)
  - 9. Striping and Signing Plans (Task 10.1F)
  - 10. Landscape and Irrigation Plans (Task 10.1G)
  - 11. Erosion and Sediment Control Plans (Task 10.1H)

**vi. Task 10.1A: Pathway Plans**

- 1. DESIGN CONSULTANT shall perform work necessary to create Typical Pathway Sections, Geometric Layout and Pathway Plan & Profile Sheets, as well as Paving Plan sheets for roadway modifications where the path crosses Ray Road, Kyrene Road, and 54<sup>th</sup> Street.
- 2. DESIGN CONSULTANT shall prepare pathway plan and profile plans at a scale of 1"=20' horizontal and 1"=2' vertical, to include base sheet preparation including survey control, topographic mapping, centerline stationing, curb and gutter, sidewalk, handicap ramps, driveways, intersecting streets, utilities, existing right-of-way, proposed easements, existing utilities, construction notes, etc. Profiles shall show centerline stationing, existing ground, benchmarks, and underground utilities. Paving profiles will not be provided in locations where curb and gutter or median curb is being modified, instead staking information will be shown on the plan sheets. Resident feedback will be taken into consideration for pathway design. Additionally, DESIGN CONSULTANT will coordinate with SRP to develop plans for a physical barrier to prevent private automobiles from driving on paths.
- 3. DESIGN CONSULTANT shall evaluate existing sidewalk along Orchid Lane between the western terminus and Priest Drive, along 54<sup>th</sup> Street between Orchid Lane and Ray Road, and along Kyrene Road between the Canal Crossing and Knox Road to ensure compliance with ADA cross-slope, driveway, and curb ramp requirements. Any sidewalk, driveway, or ramp that is not in compliance with ADA

shall be incorporated into the plans. An ADA Improvements Overview Plan will be provided to show the locations of ramp, driveway, and sidewalk modifications along 54<sup>th</sup> Street and Orchid Lane that are not adjacent to pathway improvements.

**vii. Task 10.1B: Drainage Report**

1. DESIGN CONSULTANT shall review the existing drainage reports and as-builts for the adjacent developments. The reports and as-builts shall be provided by the CITY. DESIGN CONSULTANT shall conduct a field visit to verify the existing drainage infrastructure and concepts.

- a. The required retention volume shown in these existing drainage reports and as-builts shall be assumed to be accurate.
- b. Where improvements are proposed adjacent to existing developments, the retention volume provided shown in these existing drainage reports and as-builts shall be verified using topographical survey obtained with this project.

2. DESIGN CONSULTANT shall prepare a drainage analysis to determine the effects of the shared use path on adjacent private drainage facilities and existing floodplains. DESIGN CONSULTANT shall perform hydrologic calculations per the CITY standards. The hydrologic and hydraulic calculations shall meet the CITY criteria.

3. DESIGN CONSULTANT shall prepare a Drainage Memorandum to document the analysis. The Draft Drainage Memorandum shall be submitted with the 60% Submittal. The Draft Final Drainage Memorandum shall be submitted with the 95% Submittal. The Final Drainage Memorandum shall be submitted with the 100% Submittal. DESIGN CONSULTANT shall incorporate comments received at each submittal.

4. DESIGN CONSULTANT shall use the Drainage Memorandum to submit a Floodplain Use Permit for the Kyrene Branch shared use path. The Floodplain Use Permit will be submitted to Flood Control District of Maricopa County (FCDMC) for approval.

**viii. Task 10.1C: Traffic Analysis**

1. DESIGN CONSULTANT shall conduct a traffic analysis that assesses existing conditions (based on historical and new daily segment and peak hour intersection traffic count data) and future no-build and build conditions (based on the MAG 2050 travel demand model assumptions, known planned developments in the area, and planned improvements). DESIGN CONSULTANT shall develop a Synchro model to perform a capacity analysis of the intersections for which peak hour traffic data is collected and identify levels of service, delays, and queues. The Synchro model shall account for the railroad crossing gate-down delays at the railroad crossing on Ray Road west of McKerny Avenue. Future build conditions assume a pedestrian signal is added at the Kyrene Branch shared use path crossing of Ray Road and a traffic signal is added at the Kyrene Road/Knox Road north intersection. DESIGN CONSULTANT shall also conduct a parking analysis along Orchid Lane and 54<sup>th</sup> Street to determine existing parking demand.

2. DESIGN CONSULTANT shall prepare a brief memo (draft and final) that summarizes the traffic analysis findings, with content formatted for inclusion in the environmental noise and air quality assessments and in PowerPoint presentations to the public and/or elected officials.

**ix. Task 10.1D: Pedestrian and Traffic Signals**

**1. Traffic Signal Upgrades**

- a. DESIGN CONSULTANT shall perform a site visit and document to the extent possible the existing conditions at Ray Road mid-block crossing and Kyrene and Knox intersection. The site visit will also document equipment and conditions

related to the existing traffic signal and traffic control equipment at the intersection of Ray Road and 54<sup>th</sup> Street.

b. DESIGN CONSULTANT shall provide options, with associated costs, to the CITY on how to make the three intersections ADA compliant.

c. DESIGN CONSULTANT shall prepare design and full traffic signal plans for a mid-block pedestrian signal at Ray Road, a full traffic signal at Kyrene and Knox, and a signal modification at Ray Road and 54<sup>th</sup> Street. Preliminary traffic signal layouts will be prepared and submitted at 30%. Full plan set will be completed, including removals, new and relocated equipment at the 60%, 95%, 100%, and Final plan stages. The Ray Road midblock crossing and the Ray Road and 54<sup>th</sup> Street intersection signal improvements will be designed in accordance with City of Chandler TDM #5. The Kyrene and Knox traffic signal will be designed to City of Tempe standards. The Traffic Signal Plans shall be (1" = 20'). and consist of the following sheets for each location:

- i. One (1) Traffic Signal Removal Sheet
- ii. Three (3) Traffic Signal Layout Sheets
- iii. Three (3) Pole Schedule Sheets
- iv. Three (3) Conductor Schedule Sheets

## **2. Traffic Signal Interconnect**

a. DESIGN CONSULTANT shall design the fiber connection for the Ray Road mid-block crossing to connect into the City of Chandler fiber system and shall design the fiber connection for the Kyrene and Knox traffic signal to connect into the City of Tempe communications network. No additional plan sheets will be included, and fiber connections will be shown on traffic signal sheets. Design shall show conduit runs and pull boxes and connection to signalized intersections within the project limits and will be included starting at the 60% level.

b. DESIGN CONSULTANT shall prepare a preliminary design to be illustrated on a roll plot for coordination with City Staff.

## **3. Audit of Existing Fiber Conduit System Conditions:**

a. DESIGN CONSULTANT shall conduct an audit of the existing City owned fiber conduit system infrastructure within 100 feet of the three traffic signal intersections (Ray Road and 54<sup>th</sup> and Ray Road Mid-block crossing). The fiber conduit system items include pull boxes, splice vaults, manholes, conduits, innerducts, and associated pathways into designated buildings, field cabinets and poles. The DESIGN CONSULTANT's field audit shall include the following:

- i. Field audit each pull box, manhole, and splice vault location identified on the as-built documents and observed in the field.
- ii. Develop a "fold-flat" type detail (also known as butterfly detail) of the existing pull box, manhole, and splice vault locations showing the following:
  - All four sides of the box with the associated conduits and innerducts entering the box from each side.
  - All existing cables, pull rope or mule tape, and locator (tracer) wire entering the box from each associated conduit and innerduct.
  - Cables: Record the size, manufacturer name and manufactured date of the cable, as observed on the cable sheathing. Also include any information on labels attached to the cable(s).
  - All splice closures within the box, noting the type and size, which cables from which conduits/ducts are entering the splice case,



- the number of available cable entry points, and any visible damage. Do not open the splice case.
- Identify the “Logo” marking used on the pull point lid, such as “City Traffic”, “Communications”, etc.
- Identify the GPS coordinates of the box location and include the associated station and offset relative in the plan set, for the OSP database.

iii. Provide photos of any visible damage.

b. DESIGN CONSULTANT shall prepare field Audit Notes (including sketched “fold-flat” type details, and notes on as-built plans, including raw field audit notes and folders), and photos of visible damage.

c. DESIGN CONSULTANT shall incorporate audit findings and any recommended improvements into the interconnect plans.

#### **x. Task 10.1E: Path and Street Light Plans**

1. DESIGN CONSULTANT shall design path lighting along the Highline and Kyrene Shared Use Paths within the project limits to cohesively transition from previous corridors in accordance with applicable City of Chandler Streetlight Technical Design Manual (TDM) #6 updated January 2020. Additionally, resident feedback will be taken into consideration for lighting design. The DESIGN CONSULTANT shall design street lighting pole relocation for the City of Chandler at 54<sup>th</sup> Street where the roadway is being altered within the project limits. For the City of Tempe where the shared use path connects back into the sidewalks at the Kyrene Road and Knox Road intersection in at the accordance with local municipal standards.

2. DESIGN CONSULTANT shall review the existing street lighting plans and as-builts for the existing paths and the adjacent developments within the project limits. The plans and as-builts shall be provided by the CITY. DESIGN CONSULTANT shall perform a site visit and document to the extent possible the equipment and conditions related to the existing street and path lighting, the existing lighting control equipment, existing underground conduit and conductor routes.

3. DESIGN CONSULTANT shall coordinate lighting design with Salt River Project (SRP) to define a power source to serve the lighting system and resolve any potential conflicts for new path or street light locations.

4. DESIGN CONSULTANT shall provide a computer-generated point-to-point foot-candle grid for the shared use paths, 54<sup>th</sup> Street within the project limits and at Kyrene Road and Knox Road intersection within the project limits and submit documents to CITY for approval as exhibits along with the 60% and 90% submittals. It is assumed that the street lighting shall be based on City of Chandler illumination standards found in Technical Design Manual #6 (January 2020) utilizing Cooper Navion series LED light fixtures throughout. And for roadways within the City of Tempe illumination standards will be based on City of Tempe Street lighting standard Table1: illumination light levels for public streets.

5. DESIGN CONSULTANT shall prepare street lighting and path lighting plans for the paths and roadway right-of-way being altered within the project limits as necessary, including new and relocated pole locations at the 60%, 90%, and final

plan stage. The street light design shall conform to the latest standards as defined by the Technical Design Manual #6 to maintain aesthetic conformity. The first existing streetlight on each side of the roadway beyond the limit of new improvements shall be shown on the plans. Existing streetlights within the project limits will be evaluated and replaced, as necessary, to conform to the Technical Design Manual #6. Existing streetlights that are to remain shall be replaced with LED fixtures. The Lighting Plans shall be (1"=40' scale) and consist of the following:

- a. Street and path lighting general notes and key map
- b. Street and path lighting plans, double stacked views, showing pole locations with station and offset

6. DESIGN CONSULTANT shall reference the TDM #6 standard details and drawings for the following within the City of Chandler:

- a. Pole Assembly Detail (Pole, foundation, mast arm)
- b. Junction Box detail
- c. Trench detail
- d. Connection details

7. DESIGN CONSULTANT shall reference the SRP's standard details and drawings for the following within the City of Tempe:

- a. Pole Assembly Detail (Pole, foundation, mast arm)
- b. Junction Box detail
- c. Trench detail
- d. Connection details

8. SRP shall be responsible for providing detail drawings for the electrical details (Control center, wiring schematic, and cable schedule) for non-metered street lighting and services to meter pedestals for path lighting. These items on drawings prepared by SRP shall be accounted for in project specifications and engineer's estimate.

**xi. Task 10.1F: Striping and Signing Plans**

1. DESIGN CONSULTANT shall inventory all existing signage within the project limits.

2. DESIGN CONSULTANT shall design the Signing and Striping Design Plans within the project limits. This will include all regulatory signage required per MUTCD and City of Chandler standards, as well as wayfinding signage guiding to and from and along the paths. Resident feedback will be taken into consideration for striping and signing design.

3. DESIGN CONSULTANT will review and verify the preliminary striping design completed during the previous preliminary studies for the 15%.

4. DESIGN CONSULTANT shall prepare Signing and Striping Design Plans at the 30%, 60%, 95%, 100%, and Final plan stage. The Signing and Striping Design Plans shall be produced at 1"= 40' scale, double stacked, and shall include the following sheets:

- a. One (1) General Signing and Striping Notes Sheet (including striping details and quantities)
- b. One (1) Signing Format sheet
- c. Four (4) Highline Canal Striping and Signing Plan Sheets
- d. Five (5) Kyrene Branch Canal Striping and Signing Plan Sheets



**xii. Task 10.1G: Landscape and Irrigation Plans**

1. DESIGN CONSULTANT shall inventory existing trees, located via GPS survey and catalogue to determine if they are to remain in place or removed. DESIGN CONSULTANT shall identify the tree species, record the caliper, ascertain the general health, and record the viability for survival given construction activities. Limits of inventory shall be along the Kyrene Branch Canal Shared Use Path project limits, including along Kyrene Road up to the Knox Road intersection and the existing median along Ray Road, and along the Highline Canal Shared Use Path project limits.

2. DESIGN CONSULTANT shall review existing irrigation water meters, valves, mainline, controllers, and other major irrigation infrastructure locations to determine potential for salvage. Locations shall be derived from as-built and design plans provided by the CITY combined with survey and existing conditions observation. DESIGN CONSULTANT shall overlay the existing irrigation location with improvement plans.

3. DESIGN CONSULTANT shall coordinate with the CITY and SRP to determine the desired and approved types of plant material, inert material, and irrigation equipment. New landscape and irrigation Improvements will be provided along the Highline Canal Shared Use Path only. No new landscape and irrigation improvements are included for the Kyrene Branch Canal Shared Use Pathway, other than necessary landscape restoration in response to pathway improvements. DESIGN CONSULTANT shall coordinate with the CITY on the identification of existing landscape and irrigation to be protected in place. Resident feedback will be taken into consideration for landscape and irrigation design.

4. DESIGN CONSULTANT shall prepare Landscape Plans. Full plan set will be completed, including the location and layout of new trees and shrubs, existing trees to remain, plant schedule, plant quantities, landscape notes, and CITY standard landscape details and included in the 60%, 95%, 100%, and Final plan stages. The Landscape Plans shall be prepared at a scale of 1" = 20'.

5. DESIGN CONSULTANT shall coordinate with private entities as necessary for matching or maintaining existing landscaping and ground cover.

6. DESIGN CONSULTANT shall prepare Irrigation Plans. Potable water shall be used for irrigation. Full plan set will be completed, including the locations of existing infrastructure to remain place and new locations of laterals, water meter(s), mainline, booster pumps, and valves. Plans will include irrigation quantities, emitter schedule, irrigation notes, and CITY of Chandler standard irrigation details.

7. DESIGN CONSULTANT shall coordinate with private entities as necessary for new connections and maintenance of existing irrigation systems. DESIGN CONSULTANT shall prepare water meter applications, when applicable.

8. DESIGN CONSULTANT shall show the water taps for irrigation equipment on the utility plans and pathway plans, as appropriate. DESIGN CONSULTANT shall provide the complete design and all necessary details for these water taps and power for the irrigation controllers.

9. Up to three (3) coordination meetings will be attended by the project Landscape Architect. Meetings can be progress meetings, specific discipline meetings, or meetings with area stakeholders.

**b. Task 10.2: Specifications**

- i. Technical Specifications shall be in accordance with City of Chandler Standard Specifications, MAG Standard Specifications, and IF FHWA funded Arizona Department of Transportation (ADOT) Standard Specifications, & ADOT (stored) standard special provisions. DESIGN CONSULTANT shall create technical specifications for all items not adequately covered by these standard specifications.
- ii. Word and PDF format of Specifications shall be provided with each submittal.

**c. Task 10.3 Cost Estimates**

- i. DESIGN CONSULTANT shall prepare cost estimates for all pay items per the standard specifications and special provisions, except that volumetric measurements shall not be used for pay items.
- ii. Excel and PDF format of Estimates shall be provided with each submittal.

**d. Task 10.4: Materials QA Plan**

- i. DESIGN CONSULTANT shall prepare the project Materials QA Plan which includes cover letter, bid schedule, materials sample checklist, material certification log, and contractual relationship letter in accordance with ADOT Material Testing Manual-Series 900 Appendix A.
- ii. DESIGN CONSULTANT shall revise Materials QA Plan per review comments provided by ADOT.

**11. SUBMITTALS (Accela electronic and PDF submittals)**

**a. Task 11.2: 30% Submittal**

- i. DESIGN CONSULTANT shall provide the following at the **30% submittal** to the City:
  - 1. City Plan review and construction permit applications
  - 2. Full size PDF of 30% preliminary plans including:
  - 3. Plans shall include:
    - a. Cover Sheet
    - b. General Notes
    - c. Typical Sections
    - d. Pathway Plans
    - e. Pedestrian and Traffic Signal Plans
    - f. Path and Street Light Plans
    - g. Striping and Signing Plans
  - 4. PDF of the draft Traffic Analysis Memorandum
  - 5. PDF of the outline/preliminary technical specifications
  - 6. PDF of the construction cost estimate
  - 7. PDF of the right-of-way strip map with legal descriptions

**b. Task 11.3: 60% Submittal**

- i. DESIGN CONSULTANT shall provide the following at the **60% submittal** to the CITY:
  - 1. City Plan review and construction permit applications
  - 2. 30% submittal redlines and comments
  - 3. Full size PDF of 60% plans including:

- a. Cover sheet
- b. Index, Key Map, and General Notes
- c. Typical Sections
- d. Geometric Configurations
- e. Overall Pathway Limits
- f. Pathway Plan and Profiles
- g. Pedestrian and Traffic Signal Plans
- h. Signing and Stripping Plans and Details
- i. Street Light Plans and Details
- j. Landscape and Irrigation Plans
- 4. PDF of the 60% technical specifications
- 5. PDF of the 60% construction cost estimate
  
- 6. PDF of the draft/preliminary drainage report
- 7. PDF of the right-of-way strip map with new or revised legal descriptions

**c. Task 11.4: 95% Submittal**

- i. DESIGN CONSULTANT shall provide the following at **95% submittal**:
  - 1. City Plan review and construction permit applications
  - 2. 60% submittal redlines and comments
  - 3. Full size PDF of 95% plans including:
    - a. Cover sheet
    - b. Index, Key Map, and General Notes
    - c. Typical Sections
    - d. Geometric Configurations
    - e. Overall Pathway Limits
    - f. Pathway Plan and Profiles
    - g. Pedestrian and Traffic Signal Plans
    - h. Signing and Stripping Plans and Details
    - i. Street Light Plans and Details
    - j. Landscape and Irrigation Plans
  - 4. PDF of the 95% technical specifications
  - 5. PDF of the 95% construction cost estimate
  - 6. PDF of the draft geotechnical report
  - 7. PDF of the "Testhole Data Summary Sheet"
  - 8. PDF of the draft final drainage report
  - 9. PDF of the right-of-way strip map with new or revised legal descriptions

**d. Task 11.5: 100% Submittal**

- i. Upon acquisition of all right-of-way and easements necessary for construction, DESIGN CONSULTANT shall provide the following with the **100% submittal**:
  - 1. City plan review and construction permit applications
  - 2. 95% submittal redlines and comments
  - 3. Full size PDF of sealed construction plans including:
    - a. Cover sheet
    - b. Index, Key Map, and General Notes
    - c. Typical Sections
    - d. Geometric Configurations
    - e. Overall Pathway Limits
    - f. Pathway Plan and Profiles
    - g. Pedestrian and Traffic Signal Plans

- h. Signing and Stripping Plans and Details
- i. Street Light Plans and Details
- j. Landscape and Irrigation Plans
- 4. One (1) cover sheet on 4 mil Mylar
- 5. PDF of final specification
- 6. PDF of the final construction cost estimate and bid schedule
- 7. PDF of the sealed geotechnical report
- PDF of the final sealed drainage report
- 8. PDF of the right-of-way strip map with new or revised legal descriptions
- 9. PDF of Materials Compliance and Pavement Certification Letter

**e. Task 11.6: Final Submittal**

- i. Upon receipt of response from utility companies and construction contractor Disadvantaged Business Enterprise (DBE) goal assignment by ADOT, DESIGN CONSULTANT shall provide following as the Final submittal: Full payment for this task shall not be made until City acceptance, not just delivery, of all items on this final submittal list.
  - 1. Three (3) full size and four (4) half size sets as well as a PDF of construction plans
  - 2. Four (4) copies and a PDF of final specification
  - 3. Four (4) copies and a PDF of the final construction cost estimate and bid schedule
  - 4. Utility Clearance Letter per Task 2.3
- ii. DESIGN CONSULTANT shall be responsible for delivering to the CITY a complete set of constructible plans and shall be responsible for constructability of such plans, including, but not limited to, completion of right-of-way documentation acquiring all necessary easements. DESIGN CONSULTANT shall be responsible for preparing and obtaining written approval of any design exceptions and/or variances to Design Standards.

**12. POST DESIGN SERVICES**

**a. Task 12.1: Pre-Bid Meeting**

- i. DESIGN CONSULTANT shall attend and actively participate in a pre-bid meeting. DESIGN CONSULTANT shall give a brief overview of the project and address questions related to the construction documents.

**b. Task 12.2: Addenda Preparation**

- i. DESIGN CONSULTANT shall prepare and deliver to CITY to issue any necessary Addenda for clarification or correction of the construction documents

**13. ASSUMPTIONS, CLARIFICATIONS, AND EXCLUSIONS**

- a. Bioassay testing, archeology, soil fertility, and other tests to determine existing plant viability is excluded. Determination of existing plant viability to be based on professional opinions with considerations of typical construction activity impacts.
- b. ITS splice details and communications architecture details will not be included as part of this scope.
- c. Utility strip map and private utility relocation reviews will not be included as part of this scope.
- d. Establishing benchmarks and right-of-way staking will not be included as part of this scope.
- e. Erosion and Sediment Control Plans will not be included as part of this scope.

**EXHIBIT "B"**  
**COMPENSATION AND FEES**

# Exhibit B2-Summary of Consultant's Compensation



Project Name  
Project No.

Kyrene Branch and Highline Canal Shared Use Path  
TP2202.201

7740 N. 16th Street  
Suite 300  
Phoenix, AZ 85020  
602.944.5500

4/4/2023

CONTRACT LABOR				
<u>Classification</u>	<u>Man Hours</u>	<u>Billable Rates</u>		<u>Labor Costs</u>
Sr Project Manager/Professional II	247	\$	84.88	\$ 20,964.89
Senior Professional I	246	\$	70.99	\$ 17,463.29
Professional	434	\$	58.64	\$ 25,451.09
Analyst	809	\$	49.38	\$ 39,951.36
Designer	718	\$	43.21	\$ 31,025.27
Administrative	138	\$	30.86	\$ 4,259.34
			Total Direct Labor	\$ 139,115.23
Overhead Rate	194.38%		Total Labor and Overhead	\$ 270,412.19
Fixed Capital Cost of Money	0.16%		Fixed Capital Cost of Money	\$ 222.58
Fixed Fee	10%		Net Fee (Subtotal x 10% Fixed Fee)	\$ 40,975.00
			Subtotal Contract Labor	\$ 450,725.00

DIRECT AND OUTSIDE EXPENSES	
General Expenses	\$ 12,706.19
Subtotal Direct & Outside Expenses	\$ 12,706.19

SUBCONSULTANT FEE		
Subconsultant	Task	Fee
RT Underground	Utility Potholing	\$ 26,130.00
Entellus	Survey, R/W & Private Irrigation	\$ 20,020.00
atek Engineering	Geotechnical Engineering	\$ 16,017.00
Desert Archeology	Cultural Resources	\$ 5,957.99
NEC	Lead-Based Paint & Asbestos Testing	\$ 6,046.93
MakPro	Public Involvement	\$ 14,800.00
Subtotal Subconsultant Fee		\$ 88,971.92

ALLOWANCES	
Owner's Allowance	\$ 20,000.00
Survey Allowance	\$ 2,480.00
Subtotal Allowance	\$ 22,480.00

## TOTALS

Subtotal Contract Labor	\$ 450,725.00
Direct & Outside Expenses	\$ 12,706.19
Subtotal Subconsultants	\$ 88,971.92
Total Contract Fee	\$ 552,403.11
Subtotal Allowances	\$ 22,480.00
Total Contract Fee & Allowances	\$ 574,883.11

Exhibit B1 - Fee Schedule  
Kyrene Branch and Highline Canal Shared Use Path  
TP2202.201

TASK DESCRIPTION	SUBTOTAL
<b>TASK 1 - DATA COLLECTION</b>	<b>\$ 6,970.00</b>
As-Built & Past Report Research	\$ 1,020.00
Utility Data Collection - Collect and Log As-Built	\$ 1,360.00
Review, PDF and Log As-Built/Past Reports	\$ 1,440.00
Traffic Data Collection, Review, and Summary	\$ 3,150.00
<b>TASK 2 - PUBLIC UTILITY COORDINATION</b>	
<b>TASK 2.1 - UTILITY COORDINATION</b>	<b>\$ 6,990.00</b>
Develop and Maintain Utility Inventory and Conflict Log	\$ 2,040.00
Utility Coordination Meetings - up to two (2)	\$ 1,010.00
Utility Coordination Meeting Notes	\$ 640.00
SRP Irrigation Coordination Meetings - up to four (4)	\$ 2,020.00
SRP Irrigation Coordination Meeting Notes	\$ 1,280.00
<b>TASK 2.2 - UTILITY LOCATING &amp; VERIFICATION</b>	<b>\$ 2,850.00</b>
Update Utility Base File	\$ 870.00
Pothole Coordination - Develop Pothole List	\$ 1,980.00
See Subconsultant - Utility Potholing - RT Underground	\$ -
<b>TASK 2.3 - UTILITY CLEARANCE &amp; SERVICE REQUEST LETTERS</b>	<b>\$ 6,770.00</b>
Utility Clearance Letters (30%, 60%, 90%)	\$ 2,130.00
Power Service Request Letters	\$ 2,200.00
Coordinate Water and Power Addresses	\$ 2,440.00
<b>TASK 3 - PROGRESS MEETINGS</b>	<b>\$ 32,650.00</b>
Monthly Progress Meetings (14 Mtgs)(Includes Comment Resolution Mtgs)	\$ 9,310.00
Monthly Phone Call Update Meetings (14 Mtgs)	\$ 6,090.00
Prepare Meeting Agenda/Exhibits/Handouts	\$ 2,240.00
Meeting Notes	\$ 4,480.00
Summary of Comments for Comment Resolution Mtgs	\$ 6,680.00
Maintain Action Item Log	\$ 3,850.00
<b>TASK 4 - PUBLIC &amp; STAKEHOLDER MEETINGS</b>	<b>\$ 17,115.00</b>
Attend Public Meetings (2 Mtgs)	\$ 5,050.00
Develop Display Boards & Handouts	\$ 3,880.00
Stakeholder Meetings (4 Mtgs)	\$ 3,880.00
Transportation Commission Meeting (1 Mtg)	\$ 825.00
Prepare Meeting Agenda/Exhibits/Handouts	\$ 1,740.00
Meeting Notes	\$ 1,740.00



Exhibit B1 - Fee Schedule  
Kyrene Branch and Highline Canal Shared Use Path  
TP2202.201

<b>TASK 5 - PROJECT MANAGEMENT</b>	<b>\$ 43,155.00</b>
Monthly Progress Reports	\$ 5,145.00
Budget Monitoring/Setup/Insurance/Invoicing/Federal Reporting	\$ 5,740.00
Contract Management (14 Months @2.5 hrs/Month)	\$ 5,240.00
Develop/Maintain Project Design Schedule	\$ 2,910.00
QA/QC	\$ 16,500.00
Manage Sub-Consultants	\$ 4,820.00
Project Documentation/Email/Document Filing (14 Months @ 2 hrs/Month)	\$ 2,800.00
<b>TASK 6 - DESIGN SURVEY</b>	<b>\$ 2,990.00</b>
Develop Survey Request	\$ 830.00
Review and Update Topo Survey CAD Files	\$ 2,160.00
See Subconsultant - Control & Topo Survey - Entellus	\$ -
<b>TASK 7 - RIGHT-OF-WAY COORDINATION</b>	<b>\$ 3,570.00</b>
Coordinate Title Reports/Legals/Exhibits	\$ 1,020.00
QC Legal Descriptions/Exhibits	\$ 2,550.00
See Subconsultant - Right-of-Way - Entellus	\$ -
<b>TASK 8 - GEOTECHNICAL</b>	<b>\$ 1,570.00</b>
Coordinate Geotechnical Boring Plan	\$ 1,570.00
See Subconsultant - Geotechnical Engineering - ATEK	\$ -
<b>TASK 9 - ENVIRONMENTAL DOCUMENTATION &amp; CLEARANCE</b>	<b>\$ 42,105.00</b>
Develop Environmental Clearance Footprint and Scope of Work	\$ 1,730.00
Scoping Letters and Lists	\$ 5,620.00
Biological Evaluation Short Form (BESF entire project)	\$ 3,430.00
Preliminary Initial Site Assessment (PISA entire project)	\$ 5,625.00
Update Preliminary Initial Site Assessment	\$ 1,990.00
LBP and ACM Testing and Coordination	\$ 3,050.00
Cultural Resources Coordination	\$ 3,050.00
Section 4(f) Analysis	\$ 2,105.00
EJ Analysis	\$ 2,105.00
ADOT EP Coordination	\$ 13,400.00
See Subconsultant - Cultural Resources - PaleoWest	\$ -
See Subconsultant - Air/Noise Analysis - NEC	\$ -
See Subconsultant - ACM/LBP testing - ACS	\$ -

Exhibit B1 - Fee Schedule  
Kyrene Branch and Highline Canal Shared Use Path  
TP2202.201

<b>TASK 10 - PLANS, SPECIFICATIONS, &amp; ESTIMATES</b>	
<b>TASK 10.1A - PATHWAY PLANS</b>	<b>\$ 83,540.00</b>
Cover Sheet, Approvals, Vicinity Map (1 Sht)	\$ 1,020.00
General Notes & Legend (1 Sht)	\$ 1,020.00
Key Map & Index of Sheets (1 Sht)	\$ 1,650.00
Survey Control/Geometric Sheet (2 Shts)	\$ 6,400.00
Typical Sections, Pvmnt Sections, Pavement Legend (1 Sht)	\$ 1,650.00
Miscellaneous Details Sheet (1 Sht)	\$ 1,650.00
54th Street & Ray Road Median Modification Plan Sheet (1 Sheet)(1"=20' Scale)	\$ 1,650.00
Highline Canal Pathway Plan and Profile Sheets (4 Sheets)(1"=20' Scale)	\$ 10,200.00
Kyrene Branch Canal Pathway Plan and Profile Sheets (11 Sheets)(1"=20' Scale)	\$ 28,050.00
Kyrene Road Pathway Plan and Profile Sheets (3 Sheets)(1"=20' Scale)	\$ 7,650.00
ADA Improvements Overview Plan (1 Sheet)(1"=100' Scale)	\$ 2,300.00
Sidewalk Ramp and Driveway Detail Sheets (4 Per Sht) (6 Shts)	\$ 13,500.00
Modeling and Grading	\$ 3,300.00
ADA Field Analysis	\$ 2,800.00
Coordination with SRP on pathway vehicular barrier	\$ 700.00
<b>TASK 10.1B - DRAINAGE REPORT</b>	<b>\$ 10,065.00</b>
Evaluate Existing Drainage Reports/Plans	\$ 230.00
Field Visit	\$ 1,010.00
Drainage Analysis	\$ 3,135.00
Floodplain Use Permit	\$ 1,770.00
Draft Drainage Report	\$ 2,335.00
Respond to Comments	\$ 230.00
Final Drainage Report	\$ 1,355.00
<b>TASK 10.1C - TRAFFIC ANALYSIS</b>	<b>\$ 25,250.00</b>
Traffic Analysis	\$ 15,875.00
Traffic Memo	\$ 9,375.00
<b>TASK 10.1D - PEDESTRIAN AND TRAFFIC SIGNALS</b>	<b>\$ 42,950.00</b>
Signal & Interconnect Field Review	\$ 1,400.00
Traffic Signal Plan Sheets (10 Shts)	\$ 28,000.00
Interconnect Design and Coordination with City Staff	\$ 5,670.00
Fiber Field Audit	\$ 3,260.00
Audit Notes, Fold-Flat Details, As-built Markups & Photo Delivery	\$ 4,620.00
<b>TASK 10.1E - PATH AND STREET LIGHT PLANS</b>	<b>\$ 49,650.00</b>
Existing Street Light Field Review	\$ 2,620.00
Photometric Analysis (Double Stacked) (1"=40' Scale)(10 Sheets)	\$ 13,920.00
Lighting General Notes	\$ 2,620.00
Lighting Plans (Double Stacked) (1"=40' Scale) (10 Sheets)	\$ 27,870.00
SRP Coordination	\$ 2,620.00

Exhibit B1 - Fee Schedule  
Kyrene Branch and Highline Canal Shared Use Path  
TP2202.201

<b>TASK 10.1F - STRIPING &amp; SIGNING PLANS</b>	<b>\$ 23,550.00</b>
Review and verify preliminary striping layout	\$ 550.00
General Notes, Detail, and Legend Sheet (1 Sht)	\$ 1,090.00
Sign Format Sheet (1 Sht)	\$ 2,590.00
Striping/Signing Shts (Highline Canal Segment)(4 Shts)(1"=40' Scale)	\$ 11,240.00
Striping/Signing Shts (Kyrene Branch Canal Segment)(5 Shts)(1"=40' Scale)	\$ 8,080.00
<b>TASK 10.1G - LANDSCAPE &amp; IRRIGATION PLANS</b>	<b>\$ 18,070.00</b>
Site Inventory: Existing Trees and Irrigation Field Work	\$ 2,400.00
General Notes and Materials Schedule (1 Sht)	\$ 970.00
Highline Canal Shared Use Path Landscape Plans (4 Shts) (1"= 20')	\$ 6,000.00
Planting Details (1 Sht)	\$ 970.00
Highline Canal Shared Use Path Irrigation Plans (4 Shts) (1"= 20')	\$ 6,000.00
Irrigation Details (2 Shts)	\$ 970.00
Coordination meetings (up to 2)	\$ 760.00
<b>TASK 10.2 - SPECIFICATIONS</b>	<b>\$ 11,520.00</b>
Technical Specifications (60%, 95%, 100%, Final)	\$ 8,580.00
Review and Update General Conditions/Contract/Specifications (100% & Final)	\$ 2,940.00
<b>TASK 10.3 - COST ESTIMATES</b>	<b>\$ 7,250.00</b>
Quantities/Estimate (30%, 60%, 95%, 100%, Final)	\$ 7,250.00
<b>TASK 10.4 - MATERIALS QA PLAN</b>	<b>\$ 2,740.00</b>
Materials QA Plan	\$ 2,740.00
<b>TASK 11 - SUBMITTALS</b>	<b>\$ 6,140.00</b>
30% Submittal Coordination	\$ 890.00
60% Submittal Coordination	\$ 890.00
95% Submittal Coordination	\$ 890.00
100% Submittal Coordination	\$ 890.00
ADOT Obligation Coordination	\$ 1,290.00
Final Submittal Coordination	\$ 1,290.00
<b>TASK 12 - POST DESIGN SERVICES</b>	<b>\$ 3,265.00</b>
Pre-Bid Meeting	\$ 1,395.00
Addenda Preparation	\$ 1,870.00
<b>SUBTOTAL DIRECT LABOR</b>	<b>\$ 450,725.00</b>

Exhibit B1 - Fee Schedule  
Kyrene Branch and Highline Canal Shared Use Path  
TP2202.201

<b>SUBCONSULTANTS TASKS</b>	
<b>TASK 2.2 - UTILITY LOCATING POTHOLING (RT UNDERGROUND)</b>	<b>\$ 26,130.00</b>
Utility Locating/Potholing - See Appendix A	\$ 26,130.00
<b>TASK 6.2 &amp; 7.2 - SURVEY, R/W (ENTELLUS)</b>	<b>\$ 20,020.00</b>
Survey, R/W & Private Irrigation - See Appendix B	\$ 20,020.00
<b>TASK 8 - GEOTECHNICAL ENGINEERING (ATEK)</b>	<b>\$ 16,017.00</b>
Geotechnical Engineering - See Appendix C	\$ 16,017.00
<b>TASK 9 - CULTURAL RESOURCES (DESERT ARCHEOLOGY)</b>	<b>\$ 5,957.99</b>
Cultural Resources - See Appendix D	\$ 5,957.99
<b>TASK 9 - LEAD-BASED PAINT (LBP) &amp; ASBESTOS-CONTAINING MATERIAL (ACM) TESTING (ACS)</b>	<b>\$ 6,046.93</b>
LBP and ACM Testing - See Appendix F	\$ 6,046.93
<b>TASK 4 - PUBLIC INVOLVEMENT (MAKPRO)</b>	<b>\$ 14,800.00</b>
Public Involvement - See Appendix G	\$ 14,800.00
<b>SUBTOTAL SUBCONSULTANTS</b>	<b>\$ 88,971.92</b>
<b>VENDOR EXPENSES</b>	
<b>VENDOR EXPENSES</b>	<b>\$ 12,706.19</b>
Traffic Counts (UCG)	\$ 7,116
ERIS (Hazmat Database Search)	\$ 190
Legal Descriptions & Exhibits (up to 5) (Entellus)	\$ 5,400
<b>ALLOWANCE</b>	
<b>ALLOWANCE</b>	<b>\$ 22,480.00</b>
Owner's Allowance	\$ 20,000.00
Survey Allowance (Entellus)	\$ 2,480.00
<b>TOTAL CONTRACT FEE - NOT TO EXCEED</b>	<b>\$ 574,883.11</b>

Exhibit B3 - Detail of Consultant's Compensation  
City of Chandler  
Kyrene Branch and Highline Canal Shared Use Path  
TP2202.201

		Sr. PM/Prof II	Sr. Prof.	Prof.	Analyst	Designer	Admin.	
		Anne DeBoard	Joel Varner	Ryan Marks	Emma Cheng	Austin McBryde	Becky Bratcher	Total Hours
TASK DESCRIPTION	SUBTOTAL	\$ 275.00	\$ 230.00	\$ 190.00	\$ 160.00	\$ 140.00	\$ 100.00	
<b>TASK 1 - DATA COLLECTION</b>	<b>6,970.00</b>	-	4	3	16	8	18	49
As-Built & Past Report Research	1,020.00		2			4		6
Utility Data Collection - Collect and Log As-Built	1,360.00					4	8	12
Review, PDF and Log As-Built/Past Reports	1,440.00				4		8	12
Traffic Data Collection, Review, and Summary	3,150.00		2	3	12		2	19
<b>TASK 2 - PUBLIC UTILITY COORDINATION</b>								
<b>TASK 2.1 - UTILITY COORDINATION</b>	<b>6,990.00</b>	6	6	4	20	-	-	36
Develop and Maintain Utility Inventory and Conflict Log	2,040.00			4	8			12
Utility Coordination Meetings - up to two (2)	1,010.00	2	2					4
Utility Coordination Meeting Notes	640.00				4			4
SRP Irrigation Coordination Meetings - up to four (4)	2,020.00	4	4					8
SRP Irrigation Coordination Meeting Notes	1,280.00				8			8
<b>TASK 2.2 - UTILITY LOCATING &amp; VERIFICATION</b>	<b>2,850.00</b>	-	3	8	4	-	-	15
Update Utility Base File	870.00		1		4			5
Pothole Coordination - Develop Pothole List	1,980.00		2	8				10
See Subconsultant - Utility Potholing - RT Underground	-							
<b>TASK 2.3 - UTILITY CLEARANCE &amp; SERVICE REQUEST LETTERS</b>	<b>6,770.00</b>	-	8	11	8	9	3	39
Utility Clearance Letters (30%, 60%, 95%)	2,130.00			3		9	3	15
Power Service Request Letters	2,200.00		4		8			12
Coordinate Water and Power Addresses	2,440.00		4	8				12
<b>TASK 3 - PROGRESS MEETINGS</b>	<b>32,650.00</b>	28	29	12	100	-	-	169
Monthly Progress Meetings (14 Mtgs)(Includes Comment Resolution Mtgs)	9,310.00	14	14		14			42
Monthly Phone Call Update Meetings (14 Mtgs)	6,090.00	14			14			
Prepare Meeting Agenda/Exhibits/Handouts	2,240.00				14			14
Meeting Notes	4,480.00				28			28
Summary of Comments for Comment Resolution Mtgs	6,680.00		8	12	16			36
Maintain Action Item Log	3,850.00		7		14			21
<b>TASK 4 - PUBLIC &amp; STAKEHOLDER MEETINGS</b>	<b>17,115.00</b>	21	22	4	24	12	-	83
Attend Public Meetings (2 Mtgs)	5,050.00	10	10					20
Develop Display Boards & Handouts	3,880.00		4		8	12		24
Stakeholder Meetings (4 Mtgs)	3,880.00	8	4	4				16
Transportation Commission Meeting (1 Mtg)	825.00	3						3
Prepare Meeting Agenda/Exhibits/Handouts	1,740.00		2		8			10
Meeting Notes	1,740.00		2		8			10

Exhibit B3 - Detail of Consultant's Compensation  
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TP2202.201

		Sr. PM/Prof II	Sr. Prof.	Prof.	Analyst	Designer	Admin.	
		Anne DeBoard	Joel Varner	Ryan Marks	Emma Cheng	Austin McBryde	Becky Bratcher	Total Hours
<b>TASK DESCRIPTION</b>	<b>SUBTOTAL</b>	<b>\$ 275.00</b>	<b>\$ 230.00</b>	<b>\$ 190.00</b>	<b>\$ 160.00</b>	<b>\$ 140.00</b>	<b>\$ 100.00</b>	
<b>TASK 5 - PROJECT MANAGEMENT</b>	<b>43,155.00</b>	<b>79</b>	<b>39</b>	<b>24</b>	<b>-</b>	<b>-</b>	<b>79</b>	<b>221</b>
Monthly Progress Reports	5,145.00	7	14					21
Budget Monitoring/Setup/Insurance/Invoicing/Federal Reporting	5,740.00	4	8				28	40
Contract Management (14 Months @2.5 hrs/Month)	5,240.00	4	8				23	35
Develop/Maintain Project Design Schedule	2,910.00	2	2	10				14
QA/QC	16,500.00	60						60
Manage Sub-Consultants	4,820.00	2	7	14				23
Project Documentation/Email/Document Filing (14 Months @ 2 hrs/Month)	2,800.00						28	28
<b>TASK 6 - DESIGN SURVEY</b>	<b>2,990.00</b>	<b>-</b>	<b>-</b>	<b>5</b>	<b>4</b>	<b>10</b>	<b>-</b>	<b>19</b>
Develop Survey Request	830.00			1	4			5
Review and Update Topo Survey CAD Files	2,160.00			4		10		14
See Subconsultant - Control & Topo Survey - Entellus	-							
<b>TASK 7 - RIGHT-OF-WAY COORDINATION</b>	<b>3,570.00</b>	<b>-</b>	<b>-</b>	<b>7</b>	<b>14</b>	<b>-</b>	<b>-</b>	<b>21</b>
Coordinate Title Reports/Legals/Exhibits	1,020.00			2	4			6
QC Legal Descriptions/Exhibits	2,550.00			5	10			15
See Subconsultant - Legals & Exhibits - Entellus								
<b>TASK 8 - GEOTECHNICAL</b>	<b>1,570.00</b>	<b>-</b>	<b>1</b>	<b>2</b>	<b>6</b>	<b>-</b>	<b>-</b>	<b>9</b>
Coordinate Geotechnical Boring Plan	1,570.00		1	2	6			9
See Subconsultant - Geotechnical Engineering - ATEK	-							
<b>TASK 9 - ENVIRONMENTAL DOCUMENTATION &amp; CLEARANCE</b>	<b>42,105.00</b>	<b>79</b>	<b>-</b>	<b>2</b>	<b>115</b>	<b>-</b>	<b>16</b>	<b>212</b>
Develop Environmental Clearance Footprint and Scope of Work	1,730.00	2		2	5			9
Scoping Letters and Lists	5,620.00	4			22		10	36
Biological Evaluation Short Form (BESF)	3,430.00	2			18			20
Preliminary Initial Site Assessment (PISA)	5,625.00	3			30			33
Update Preliminary Initial Site Assessment	1,990.00	2			9			11
LBP and ACM Testing Sub Review/Coordination	3,050.00	10					3	13
Cultural Resources Sub Review/Coordination	3,050.00	10					3	13
Section 4(f) Analysis	2,105.00	3			8			11
EJ Analysis	2,105.00	3			8			11
ADOT EP Coordination	13,400.00	40			15			55
See Subconsultant - Cultural Resources - Desert Archeology	-							
See Subconsultant - ACM/LBP testing - NEC	-							



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		Sr. PM/Prof II	Sr. Prof.	Prof.	Analyst	Designer	Admin.	
		Anne DeBoard	Joel Varner	Ryan Marks	Emma Cheng	Austin McBryde	Becky Bratcher	Total Hours
TASK DESCRIPTION	SUBTOTAL	\$ 275.00	\$ 230.00	\$ 190.00	\$ 160.00	\$ 140.00	\$ 100.00	
<b>TASK 10 - PLANS, SPECIFICATIONS, &amp; ESTIMATES</b>								
<b>TASK 10.1A - PATHWAY PLANS</b>	<b>83,540.00</b>	<b>-</b>	<b>33</b>	<b>87</b>	<b>185</b>	<b>213</b>	<b>-</b>	<b>518</b>
Cover Sheet, Approvals, Vicinity Map (1 Sht)	1,020.00		1	1	2	2		6
General Notes & Legend (1 Sht)	1,020.00		1	1	2	2		6
Key Map & Index of Sheets (1 Sht)	1,650.00		1	2	3	4		10
Survey Control/Geometric Sheet (2 Shts)	6,400.00		2	6	16	16		40
Typical Sections, Pvmnt Sections, Pavement Legend (1 Sht)	1,650.00		1	2	3	4		10
Miscellaneous Details Sheet (1 Sht)	1,650.00		1	2	3	4		10
54th Street & Ray Road Median Modification Plan Sheet (1 Sheet)(1"=20' Scale)	1,650.00		1	2	3	4		10
Highline Canal Pathway Plan and Profile Sheets (4 Sheets)(1"=20' Scale)	10,200.00		4	8	24	28		64
Kyrene Branch Canal Pathway Plan and Profile Sheets (11 Sheets)(1"=20' Scale)	28,050.00		11	22	66	77		176
Kyrene Road Pathway Plan and Profile Sheets (3 Sheets)(1"=20' Scale)	7,650.00		3	6	18	21		48
ADA Improvements Overview Plan (1 Sheet)(1"=100' Scale)	2,300.00		1	3	5	5		14
Sidewalk Ramp and Driveway Detail Sheets (4 Per Sht) (6 Shts)	13,500.00		6	12	30	36		84
Modeling and Grading	3,300.00			10		10		20
ADA Field Analysis	2,800.00			8	8			16
Coordination with SRP on pathway vehicular barrier	700.00			2	2			4
<b>TASK 10.1B - DRAINAGE REPORT</b>	<b>10,065.00</b>	<b>7</b>	<b>9</b>	<b>15</b>	<b>-</b>	<b>23</b>	<b>-</b>	<b>350</b>
Evaluate Existing Drainage Reports/Plans	230.00		1					1
Field Visit	1,010.00	2	2					4
Drainage Analysis	3,135.00	1	2	6		9		18
Floodplain Use Permit	1,770.00	2	2	4				8
Draft Drainage Report	2,335.00	1	1	3		9		14
Respond to Comments	230.00		1					1
Final Drainage Report	1,355.00	1		2		5		8
<b>TASK 10.1C - TRAFFIC ANALYSIS</b>	<b>25,250.00</b>	<b>10</b>	<b>10</b>	<b>28</b>	<b>52</b>	<b>44</b>	<b>4</b>	<b>148</b>
Traffic Analysis	15,875.00	5	8	18	32	28	2	93
Traffic Memo	9,375.00	5	2	10	20	16	2	55
<b>TASK 10.1D - PEDESTRIAN AND TRAFFIC SIGNALS</b>	<b>42,950.00</b>	<b>-</b>	<b>14</b>	<b>49</b>	<b>85</b>	<b>113</b>	<b>10</b>	<b>271</b>
Signal & Interconnect Field Review	1,400.00			4	4			8
Traffic Signal Plan Sheets (10 Shts)	28,000.00		5	25	55	95		180
Interconnect Design and Coordination with City Staff	5,670.00		5	8	10	10		33
Fiber Field Audit	3,260.00		2	8	8			18
Audit Notes, Fold-Flat Details, As-built Markups & Photo Delivery	4,620.00		2	4	8	8	10	32
<b>TASK 10.1E - PATH AND STREET LIGHT PLANS</b>	<b>49,650.00</b>	<b>4</b>	<b>16</b>	<b>71</b>	<b>85</b>	<b>127</b>	<b>-</b>	<b>303</b>
Existing Street Light Field Review	2,620.00		1	1	5	10		17
Photometric Analysis (Double Stacked) (1"=40' Scale)(10 Sheets)	13,920.00	2	4	15	25	40		86
Lighting General Notes	2,620.00		1	5	2	8		16
Lighting Plans (Double Stacked) (1"=40' Scale) (10 Sheets)	27,870.00	2	8	42	49	69		170
SRP Coordination	2,620.00		2	8	4			14

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		Sr. PM/Prof II	Sr. Prof.	Prof.	Analyst	Designer	Admin.	
		Anne DeBoard	Joel Varner	Ryan Marks	Emma Cheng	Austin McBryde	Becky Bratcher	Total Hours
TASK DESCRIPTION	SUBTOTAL	\$ 275.00	\$ 230.00	\$ 190.00	\$ 160.00	\$ 140.00	\$ 100.00	
<b>TASK 10.1F - STRIPING &amp; SIGNING PLANS</b>	<b>23,550.00</b>	-	12	21	49	64	-	146
Review and verify preliminary striping layout	550.00		1		2			3
General Notes, Detail, and Legend Sheet (1 Sht)	1,090.00		1	2	3			6
Sign Format Sheet (1 Sht)	2,590.00		1	4	10			15
Striping/Signing Shts (Highline Canal Segment)(4 Shts)(1"=40' Scale)	11,240.00		4	8	20	40		72
Striping/Signing Shts (Kyrene Branch Canal Segment)(5 Shts)(1"=40' Scale)	8,080.00		5	7	14	24		50
<b>TASK 10.1G - LANDSCAPE &amp; IRRIGATION PLANS</b>	<b>18,070.00</b>	-	3	20	42	49	-	114
Site Inventory: Existing Trees and Irrigation Field Work	2,400.00				8	8		16
General Notes and Materials Schedule (1 Sht)	970.00		1		2	3		6
Highline Canal Shared Use Path Landscape Plans (4 Shts) (1"= 20')	6,000.00			8	14	16		38
Planting Details (1 Sht)	970.00		1		2	3		6
Highline Canal Shared Use Path Irrigation Plans (4 Shts) (1"= 20')	6,000.00			8	14	16		38
Irrigation Details (2 Shts)	970.00		1		2	3		6
Coordination meetings (up to 2)	760.00			4				4
<b>TASK 10.2 - SPECIFICATIONS</b>	<b>11,520.00</b>	8	24	20	-	-	-	52
Technical Specifications (60%, 95%, 100%, Final)	8,580.00	4	16	20				40
Review and Update General Conditions/Contract/Specifications (100% & Final)	2,940.00	4	8					12
<b>TASK 10.3 - COST ESTIMATES</b>	<b>7,250.00</b>	-	5	10	-	30	-	45
Quantities/Estimate (30%, 60%, 95%, 100%, Final)	7,250.00		5	10		30		45
<b>TASK 10.4 - MATERIALS QA PLAN</b>	<b>2,740.00</b>	-	2	12	-	-	-	14
Materials QA Plan	2,740.00		2	12				14
<b>TASK 11 - SUBMITTALS</b>	<b>6,140.00</b>	-	6	12	-	12	8	38
30% Submittal Coordination	890.00		1	2		2		5
60% Submittal Coordination	890.00		1	2		2		5
95% Submittal Coordination	890.00		1	2		2		5
100% Submittal Coordination	890.00		1	2		2		5
ADOT Obligation Coordination	1,290.00		1	2		2	4	9
Final Submittal Coordination	1,290.00		1	2		2	4	9
<b>TASK 12 - POST DESIGN SERVICES</b>	<b>3,265.00</b>	5	-	7	-	4	-	16
Pre-Bid Meeting	1,395.00	3		3				6
Addenda Preparation	1,870.00	2		4		4		10
<b>SUBTOTAL DIRECT LABOR</b>	<b>450,725.00</b>	<b>247</b>	<b>246</b>	<b>434</b>	<b>809</b>	<b>718</b>	<b>138</b>	2,592

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		Sr. PM/Prof II	Sr. Prof.	Prof.	Analyst	Designer	Admin.	
		Anne DeBoard	Joel Varner	Ryan Marks	Emma Cheng	Austin McBryde	Becky Bratcher	Total Hours
<b>TASK DESCRIPTION</b>	<b>SUBTOTAL</b>	<b>\$ 275.00</b>	<b>\$ 230.00</b>	<b>\$ 190.00</b>	<b>\$ 160.00</b>	<b>\$ 140.00</b>	<b>\$ 100.00</b>	
<b>SUBCONSULTANTS TASKS</b>								
<b>TASK 2.2 - UTILITY POTHOLING (RT UNDERGROUND)</b>	<b>26,130.00</b>							
Utility Potholing - See Appendix A	26,130.00							
<b>TASK 6.2 &amp; 7.2 - SURVEY (ENTELLUS)</b>	<b>20,020.00</b>							
Survey - See Appendix B	20,020.00							
<b>TASK 8 - GEOTECHNICAL ENGINEERING (ATEK)</b>	<b>16,017.00</b>							
Geotechnical Engineering - See Appendix C	16,017.00							
<b>TASK 9 - CULTURAL RESOURCES (DESERT ARCHEOLOGY)</b>	<b>5,957.99</b>							
Cultural Resources - See Appendix D	5,957.99							
<b>TASK 9 - LEAD-BASED PAINT (LBP) &amp; ASBESTOS-CONTAINING MATERIAL (ACM) TESTING (NEC)</b>	<b>6,046.93</b>							
LBP and ACM Testing - See Appendix E	6,046.93							
<b>TASK 4 - PUBLIC INVOLVEMENT (MAKPRO)</b>	<b>14,800.00</b>							
Public Involvement - See Appendix F	14,800.00							
<b>SUBTOTAL SUBCONSULTANTS</b>	<b>88,971.92</b>							
<b>VENDOR EXPENSE</b>								
<b>VENDOR EXPENSE</b>	<b>12,706.19</b>							
Traffic Counts (UCG)	7,116.19							
ERIS (Hazmat Database Search)	190.00							
Legal Descriptions & Exhibits (up to 5) (Entellus)	5,400.00							
<b>ALLOWANCE</b>								
<b>ALLOWANCE</b>	<b>22,480.00</b>							
Owner's Allowance	20,000.00							
Survey Allowance (Entellus)	2,480.00							
<b>TOTAL CONTRACT FEE - NOT TO EXCEED</b>	<b>574,883.11</b>							

## **EXHIBIT "C"**

### **INSURANCE REQUIREMENTS**

1. General.
  - 1.1 At the same time as execution of this Agreement, Consultant must furnish City a certificate of insurance on a standard insurance industry ACORD form. The ACORD form must be issued by an insurance company authorized to transact business in the State of Arizona possessing a current A.M. Best, Inc. rating of A-7, or better and legally authorized to do business in the State of Arizona with policies and forms satisfactory to City. Provided, however, the A.M. Best rating requirement will not be deemed to apply to required Workers' Compensation coverage.
  - 1.2 Consultant and any of its subconsultants must procure and maintain, until all of their obligations have been discharged, including any warranty periods under this Agreement are satisfied, the insurances set forth below.
  - 1.3 The insurance requirements set forth below are minimum requirements for this Agreement and in no way limit the indemnity covenants contained in this Agreement.
  - 1.4 City in no way warrants that the minimum insurance limits contained in this Agreement are sufficient to protect Consultant from liabilities that might arise out of the performance of the Agreement services under this Agreement by Consultant, its agents, representatives, employees, subconsultants, and Consultant is free to purchase any additional insurance as may be determined necessary.
  - 1.5 Failure to demand evidence of full compliance with the insurance requirements in this Agreement or failure to identify any insurance deficiency will not relieve Consultant from, nor will it be considered a waiver of its obligation to maintain the required insurance at all times during the performance of this Agreement.
  - 1.6 Use of subconsultants: If any work is subcontracted in any way, Consultant must execute a written Agreement with subconsultant containing the same Indemnification Clause and Insurance Requirements as City requires of Consultant in this Agreement. Consultant is responsible for executing the Agreement with the subconsultant and obtaining Certificates of Insurance and verifying the insurance requirements.
2. Minimum Scope and Limits of Insurance. Consultant must provide coverage with limits of liability not less than those stated below.
  - 2.1 *Professional Liability.* If the Agreement is the subject of any professional services or work performed by Consultant, or if Consultant engages in any professional services or work adjunct or residual to performing the work under this Agreement, Consultant must maintain Professional Liability insurance covering errors and omissions arising out of the work or services performed by Consultant, or anyone employed by Consultant, or anyone whose acts, mistakes, errors and omissions Consultant is legally liable, with a liability limit of \$1,000,000 each claim and \$2,000,000 all claims. In the event the Professional Liability insurance policy is written on a "claims made" basis, coverage must extend for 3 years past

completion and acceptance of the work or services, and Consultant, or its selected Design Professional will submit Certificates of Insurance as evidence the required coverage is in effect. The Design Professional must annually submit Certificates of Insurance citing that the applicable coverage is in force and contains the required provisions for a 3 year period.

2.2 *Commercial General Liability-Occurrence Form.* Consultant must maintain “occurrence” form Commercial General Liability insurance with a limit of not less than \$2,000,000 for each occurrence, \$4,000,000 aggregate. Said insurance must also include coverage for products and completed operations, independent contractors, personal injury and advertising injury. If any Excess insurance is utilized to fulfill the requirements of this paragraph, the Excess insurance must be “follow form” equal or broader in coverage scope than underlying insurance.

2.3 *Automobile Liability-Any Auto or Owned, Hired and Non-Owned Vehicles Vehicle Liability:* Consultant must maintain Business/Automobile Liability insurance with a limit of \$1,000,000 each accident on Consultant owned, hired, and non-owned vehicles assigned to or used in the performance of Consultant’s work or services under this Agreement. If any Excess or Umbrella insurance is utilized to fulfill the requirements of this paragraph, the Excess or Umbrella insurance must be “follow form” equal or broader in coverage scope than underlying insurance.

2.4 *Workers Compensation and Employers Liability Insurance:* Consultant must maintain Workers Compensation insurance to cover obligations imposed by federal and state statutes having jurisdiction of Consultant employees engaged in the performance of work or services under this Agreement and must also maintain Employers’ Liability insurance of not less than \$1,000,000 for each accident and \$1,000,000 disease for each employee.

### 3. Additional Policy Provisions Required.

3.1 *Self-Insured Retentions or Deductibles.* Any self-insured retentions and deductibles must be declared and approved by City. If not approved, City may require that the insurer reduce or eliminate any deductible or self-insured retentions with respect to City, its officers, officials, agents, employees, and volunteers.

3.1.1. Consultant’s insurance must contain broad form contractual liability coverage.

3.1.2. Consultant’s insurance coverage must be primary insurance with respect to City, its officers, officials, agents, and employees. Any insurance or self-insurance maintained by City, its officers, officials, agents, and employees will be in excess of the coverage provided by Consultant and must not contribute to it.

3.1.3. Consultant’s insurance must 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.

3.1.4. Coverage provided by Consultant must not be limited to the liability assumed under the indemnification provisions of this Agreement.

- 3.1.5. The policies must contain a severability of interest clause and waiver of subrogation against City, its officers, officials, agents, and employees, for losses arising from Work performed by Consultant for City. (Does not apply to Professional Liability coverage.)
- 3.1.6. Consultant, its successors and or assigns, are required to maintain Commercial General Liability insurance as specified in this Agreement for a minimum period of 3 years following completion and acceptance of the Work. Consultant must submit a Certificate of Insurance evidencing Commercial General Liability insurance during this 3-year period containing all the Agreement insurance requirements, including naming City of Chandler, its agents, representatives, officers, directors, officials and employees as Additional Insured as required.
- 3.1.7. If a Certificate of Insurance is submitted as verification of coverage, City will reasonably rely upon the Certificate of Insurance as evidence of coverage, but this acceptance and reliance will not waive or alter in any way the insurance requirements or obligations of this Agreement.

### 3.2. *Insurance Cancellation During Term of Agreement.*

- 3.2.1. If any of the required policies expire during the life of this Agreement, Consultant must forward renewal or replacement Certificates to City within 10 days after the renewal date containing all the required insurance provisions.
- 3.2.2. Each insurance policy required by the insurance provisions of this Agreement must provide the required coverage and must not be suspended, voided or canceled except after thirty (30) days prior written notice has been given to City, except when cancellation is for non-payment of premium, then ten (10) days prior notice may be given. Such notice must be sent directly to Chandler Law-Risk Management Department, Post Office Box 4008, Mailstop 628, Chandler, Arizona 85225. If any insurance company refuses to provide the required notice, Consultant or its insurance broker must notify City of any cancellation, suspension, non-renewal of any insurance within seven (7) days of receipt of insurers' notification to that effect.

### 3.3 *City as Additional Insured.* The policies are to contain, or be endorsed to contain, the following provisions:

- 3.3.1. The Commercial General Liability and Automobile Liability policies are to contain, or be endorsed to contain, the following provisions: City, its officers, officials, agents, and employees are additional insureds with respect to liability arising out of activities performed by, or on behalf of, Consultant; Products and Completed operations of Consultant; and automobiles owned, leased, hired, or borrowed by Consultant.
- 3.3.2. City, its officers, officials, agents, and employees must be additional insureds to the full limits of liability purchased by Consultant even if those limits of liability are in excess of those required by this Agreement.

**EXHIBIT "D"**  
**SPECIAL CONDITIONS**

Standard Details and Specifications. Consultant must be familiar with City's latest revision of the MAG Specifications and MAG Standard Details as amended by City. City's current amendment to the MAG Specifications, part of City's Unified Development Manual, may be found and downloaded from City's website at <http://www.chandleraz.gov/udm>.

City Ownership of Project Documents. All work products (electronically or manually generated) including, but not limited to: plans, specifications, cost estimates, field notes, tracings, studies, investigations, design analyses, original drawings, original mylars, Computer Aided Drafting and Design (CADD) file diskettes which reflect all final drawings, and other related documents which are prepared in the performance of this Agreement (collectively referred to as "Documents") are to be and remain the property of City and are to be delivered to the Project Manager before the final payment is made to Consultant. In the event these Documents are altered, modified or adapted without the written consent of Consultant, which consent Consultant must not unreasonably withhold, City agrees to hold Consultant harmless to the extent permitted by law from the legal liability arising out of City's alteration, modification or adaptation of the Documents.

Re-use of Documents. The parties agree the documents, drawings, specifications and designs, although the property of City, are prepared for this specific project and are not intended nor represented by Consultant to be suitable for re-use for any other project. Any re-use without written verification or adaptation by Consultant for the specific purpose intended will be at City's sole risk and without liability or legal exposure to Consultant.

Documents to Bear Seal. Consultant and its subconsultants must endorse by professional seal all plans, works, and deliverables prepared by each for this Agreement as required by state law.



**EXHIBIT "E"**  
**SUBCONSULTANT AGREEMENTS**

Any subconsultant assumptions, clarifications, exclusions, terms & conditions, signature blocks, etc. included are strictly between the Consultant and their subconsultants and do not apply to the Agreement between the Consultant and the City.



# RT Underground

Marcom LLC, DBA

23604 N 56th Avenue Glendale, AZ 85310 (602) 622-6789 jeff.martinez@rtunderground.com

## ASPHALT MILLING

Trench, Plates, Small Areas

## UTILITY POTHOLING

SUE (Subsurface Utility Engineering)

**Submitted to:** Anne S. DeBoard, PLA, ASLA  
Kimley-Horn  
7740 N 16th Street Suite 300  
Phoenix, AZ 85020  
**Phone:** (602) 538-5124  
**Email:**

**Date:** 2/27/23  
**Project:** City of Chandler  
Ray Road  
Various Locations  
**Location:** Chandler, AZ

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED
1	PERMITS: ROW & Traffic Control	1	LS	\$950.00	\$950.00
2	Utility Pothole up to 8' deep	20	EACH	\$925.00	\$18,500.00
3	Traffic Control	3	DAY	\$1,350.00	\$4,050.00
4	Minimum Survey	1	LS	\$950.00	\$950.00
5	Police Officer for Sigant Intersections	16	HOUR	\$105.00	\$1,680.00
TOTAL:					\$26,130.00

**Includes:** (Potholing Only) DESIGNATING INCLUDES: Above ground locating of DRY Utilities. Kimley Horn to provide up to date asbuilts of area to be marked. RT will designate (mark) above ground where utilities are. Survey by others to follow within 48 hours to record. POTHOLE PRICE INCLUDES:, Soft dig to find utility, Spread sheet with utility info including location by RLS. Price for item 1 is not to exceed 4' wide and 7' deep. Dry hole is charged same as regular. If pothole is in concrete we will core drill and replace core with grout. No panel replacement.

**Excludes:** Sales Tax, Permits, Bonding Fees, Const. Staking, Testing & Inspection Fees, Removal or Replacement of Traffic Loops, Sawcutting, Removal or Relocating of Existing Utilities. Unforeseen conditions: rock excavation, excessive cobble (over 4") and any other conditions that affect completion of work. Sales tax will be added unless proof of Prime Contractor Status is Provided

**Terms:** 30 Days

Respectfully Submitted ,

RT Underground

Jeff Martinez

Accepted By :

For : \_\_\_\_\_

Date : \_\_\_\_\_

Chandler Project Number TP2202.201  
Federal Project No. CHN-0(252)D  
ADOT No. T038703D  
Kimley-Horn Project Number  
Entellus Project Number **843029**

City of Chandler  
**Kyrene Branch and Highline Canal Shared Use Path**

## **KYRENE BRANCH AND HIGHLINE CANAL SHARED USE PATH ADDITIONAL SURVEY**

### **PROJECT SCOPE OF WORK**

#### **EXHIBIT "A"**

March 13<sup>th</sup>, 2023

Entellus will provide survey services including additional topographic survey beyond what was originally provided to Kimley-Horn. The project is for shared use path improvements for the City of Chandler.

#### **PHASE 100 GENERAL PROJECT MANAGEMENT**

- 101 Project Coordination and Administration  
General project administrative tasks are included in this task budget for the duration of the project. These activities include but are not limited to the following: interim communication via telephone/email or teleconference, and general correspondence.
- 102 Project Meetings  
Entellus has included time to participate in two (2) project meetings with KHA and/or the City of Chandler during the project. It is anticipated that these meetings will be virtual. Agendas and meeting minutes will be prepared and distributed by KHA.

#### **PHASE 200 FIELD SURVEY**

- 201 Control Survey  
Entellus field surveyors will locate City of Chandler control points and enough additional survey monuments in order to orient the project horizontally vertically with the existing topographic survey already obtained by Kimley-Horn. Level runs will be performed as necessary,
- 202 Additional Topographic Survey  
Entellus field surveyors will pick up additional topographic survey as defined by Kimley-Horn to include approximately 3000 linear feet of roadway and 800 linear feet of parks and drainage features.

#### **PHASE 300 MAP PREPARATION**

- 301 Data Processing and Map Preparation

Entellus office staff will process the field data collected for Tasks 201 and 202 described above and create an AutoCAD drawing of the surveyed items.

#### **PHASE 400 LEGAL DESCRIPTIONS**

- 401 Entellus will prepare legal descriptions and exhibit drawings for 5 locations within the project area. All will be prepared in an 8.5" by 11" format and will be provided as a PDF and hard copy deliverable as necessary. Locations to be determined by Kimley-Horn.

#### **PHASE 500 ALLOWANCES**

- 501 Additional Survey  
At the request of Kimley-Horn, Entellus has included an allowance for additional field survey and associated office processing time.



3033 N. 44th Street, Suite 250, Phoenix, AZ 85018  
 (602) 244-2566 engineers@entellus.com  
 www.entellus.com

Chandler Project TP2202.201  
 Kimley-Horn Project  
 Entellus Project # 843029  
 March 13, 2023

City of Chandler  
 Kyrene Branch and Highline Canal Shared Use Path

PROJECT HOURS AND FEES

Task	WORK ITEM DESCRIPTION	Project Principal \$ 200.00	Project Manager \$ 165.00	Designer \$ 135.00	CADD Tech \$ 85.00	Admin. Assistant \$ 75.00	Surv. Man. RLS \$ 190.00	Proj. Surv. RLS \$ 120.00	2-Man Crew \$ 160.00	Total Hours	Total Amount	Direct Expenses
100	General Project Management	0	0	0	0	4	8	0	0	12	\$ 1,820.00	\$ -
	101 Project Coord and Admin					4	4			8	\$ 1,060.00	
	100 Project Meetings						4			4	\$ 760.00	
										0	\$ -	
										0	\$ -	
										0	\$ -	
										0	\$ -	
										0	\$ -	
200	Field Survey	0	0	0	0	0	0	0	80	80	\$ 12,800.00	\$ -
	201 Control Survey								16	16	\$ 2,560.00	
	202 Additional Topographic Survey								64	64	\$ 10,240.00	
										0	\$ -	
300	Map Preparation	0	0	0	32	0	4	16	0	52	\$ 5,400.00	
	301 Data Processing & Map Preparation				32		4	16		52	\$ 5,400.00	
										0	\$ -	
										0	\$ -	
										0	\$ -	
400	Legal Descriptions	0	0	0	0	0	0	0	0	0	\$ -	\$ 5,400.00
	401 Legal Description & Exhibit Drawing Preparation									0	\$ -	\$ 5,400.00
	@ \$1,080/location (5 locations)									0	\$ -	
										0	\$ -	
										0	\$ -	
										0	\$ -	
500	Allowances	0	0	0	4	0	2	4	8	18	\$ 2,480.00	\$ -
	501 Additional Survey				4		2	4	8	18	\$ 2,480.00	
										0	\$ -	
										0	\$ -	
										0	\$ -	
TOTAL STAFF HOURS BASIC DESIGN SERVICES		0	0	0	32	4	12	16	80	144		
DIRECT LABOR COST		\$ -	\$ -	\$ -	\$ 2,720.00	\$ 300.00	\$ 2,280.00	\$ 1,920.00	\$ 12,800.00		\$20,020.00	
TOTAL STAFF HOURS FOR ALLOWANCES ONLY		0	0	0	4	0	2	4	8	18		
ALLOWANCE LABOR COST		\$ -	\$ -	\$ -	\$ 340.00	\$ -	\$ 380.00	\$ 480.00	\$ 1,280.00		\$2,480.00	
TOTAL DIRECT EXPENSES												\$ 5,400.00
TOTAL PROJECT COST (NOT TO EXCEED)											\$27,900.00	



March 7, 2023  
File Number: 230056

Attention: Anne S. DeBoard, PLA, ASLA  
Kimley-Horn  
7740 N. 16<sup>th</sup> Street, Suite 300  
Phoenix, Arizona 85020

Re: Proposal for Geotechnical Subsurface Exploration  
Kyrene Branch and Highline Canal Shared Use Path  
Chandler, Arizona

ATEK Engineering Consultants, LLC (ATEK) is pleased to present this proposal to perform a geotechnical subsurface exploration at the above referenced site. This proposal is based on a request for proposal received via email on February 27, 2023.

ATEK is committed to providing a high level of service to its clients, commensurate with their wants and needs. If a portion of this proposal does not meet your needs, or if those needs have changed, ATEK will consider appropriate modifications, subject to the standards of care to which we adhere as professionals. We look forward to the opportunity to serve you.

#### **PROJECT UNDERSTANDING**

The proposed project consists of improvements to Kyrene Branch and Highline Canal Shared Use Path in Chandler, Arizona. The improvements include path lighting, pedestrian signal, and new traffic signal. The path lighting along the Kyrene Branch and Highline Canal will be on the east side of the canal. It is anticipated that the pedestrian signal will be on the north side of Ray Road at the intersection of Kyrene Branch Canal. The traffic signal will be located on the east side of Kyrene Road and Knox Road. It is anticipated that traffic, pedestrian, and lighting structures will be supported on pole foundations.

#### **COST AND SCHEDULE**

ATEK proposes to perform the geotechnical investigation as detailed below on a lump sum basis as tabulated below. This fee also assumes that one (1) color PDF report will be provided. Extra 'hard copy' reports will be provided if requested prior to the initial report printing.

Item	Cost
Geotechnical Subsurface Exploration	\$ 16,017.00

Work will be scheduled upon receipt of your authorization to proceed. We understand that the Client will provide access to the property. Once the Client has provided ATEK with access to the site, we estimate the geotechnical report will be complete within twenty to twenty-five (20 to 25) working days following receipt of your authorization to proceed. If necessary ATEK can adjust the geotechnical exploration schedule to accommodate project requirements.

#### **SCOPE OF SERVICES**

A geotechnical subsurface exploration is required to develop information relative to existing site soil. ATEK proposes to provide the following scope of services:

- Perform a review of pertinent documents provided by the client regarding geotechnical information associated with the property;
- Perform a geotechnical site reconnaissance;
- Review available construction information for the proposed structure as it relates to the geotechnical characteristics of the site;
- Explore the existing subsurface conditions by drilling seven (7) soil borings to a depth of thirty feet to determine information relative to subsurface soil conditions. The soil test borings will be advanced using a hollow stem auger to the proposed depth or auger refusal is encountered, whichever occurs first. Representative soil samples will be obtained between the surface and a depth of 2.5 feet, at 5 feet, and at 5-foot intervals thereafter using standard sampling procedures;
- To identify if groundwater is encountered during drilling of borings.

#### **ASSUMPTIONS**

Our proposed Scope of Services and cost estimate are based on the following assumptions:

- The project owner will provide right-of-entry to all locations of the borings through an approved encroachment permit.
- Locations of the borings will be checked by “AZ 811”. The client will provide any other possible utility or underground facility locations. Damage to unknown buried facilities, not detected through “Blue Stake” or review of available utility maps provided to us, will not be the responsibility of ATEK.
- Traffic control will consist of a traffic control barricade company, as necessary.
- The Scope of Services included within our fee estimate does not include any services in connection with the discovery of potential contamination during our drilling and sampling operations. In the event that such material is suspected, we will notify you immediately for direction before proceeding on any out-of-scope services.
- All borings will be backfilled with the excavated materials.
- This proposal assumes that the site is accessible with a truck-mounted drill rig, under its own power, without the need for towing or pushing.
- This proposal includes drilling to a maximum depth of 30 feet below existing site grade, if deeper borings are required we will need to revise our Scope of Services and fee estimate.
- Any service or cost not specifically included in this proposal is not included in the Scope of Services and associated fee. Costs generated from any work requested by the client that is outside the above Scope of Services will be charged to the client.
- The above estimate applies to work performed within 60 days. After that time, we should review the proposal.



At the completion of the fieldwork, representative samples will be sealed in plastic bags or brass and plastic containers and transported to our laboratory. The samples will then be classified in general accordance with the Unified Soil Classification System (USCS) and reviewed by an experienced geotechnical engineer. Field boring logs will be prepared presenting a description of the soils encountered by the borings. Laboratory testing completed for this project will include natural moisture contents, percent passing a No. 200 sieve, Atterberg limits, undisturbed ring densities, sulfate contents, chloride contents, pH, resistivity tests, direct shear, standard Proctor, and remolded swell. All tests will be performed in general accordance with applicable ASTM procedures.

Based upon our analyses, a geotechnical engineering report will be prepared and issued. The following items will be included in the report:

- A brief review of our field and laboratory procedures and all test results, including boring logs;
- A discussion of the general subsurface conditions including soil and groundwater conditions;
- A review of the proposed construction design conditions;
- Any unsatisfactory soil conditions (if applicable) and recommended remedial measures;
- A general evaluation of possible alternate foundation systems (if applicable), and a discussion of the recommended foundation system;
- Design criteria related to the recommended foundation system including allowable bearing pressure, minimum sizes, predicted performance and lateral earth pressures;
- Recommended construction procedures and quality control measures related to foundations and earthwork.

#### **AUTHORIZATION**

The work will be conducted in accordance with the attached General Conditions. Your signature on this proposal indicates your acceptance of these Conditions and authorization for ATEK to proceed with the Scope of Services outlined herein. If this proposal is acceptable, we can begin work as soon as we receive an ORIGINAL signature in the "acceptance" field.

If there is a need for any change in the scope of services or schedule described in the proposal, please call us immediately. Changes may require revision of the proposed fee, which will be communicated to you upon assessment of the requested changes effect on the fee.

#### **LIMITATIONS**

ATEK will perform its services in a manner consistent with the standards of care and skill ordinarily exercised by members of the profession practicing under similar conditions in the geographic vicinity and at the time the services will be performed. No warranty or guarantee, express or implied, is provided as part of the services offered by this proposal. This proposal neither makes nor intends a warrantee or guarantee, express or implied, nor does it create a fiduciary responsibility to Client by Consultant.

### TERMS AND CONDITIONS

All terms and conditions indicated in this proposal and in the attached General Conditions will be considered by both parties to be in effect from the effective date of the signed proposal through completion of the project. The proposal will remain in effect for 60 days from its date, and thereafter shall be null and void unless it has been signed for the work proposed.

We sincerely appreciate the opportunity to be of service and look forward to working with you on this project.

Sincerely,  
**ATEK Engineering Consultants, LLC.**



Antonio Lopez, PE  
Project Manager



Armando Ortega, PE  
Principal Geotechnical Engineer

Enclosure: General Conditions 2022

Client agrees to the Scope of Services described in this Proposal and Cost Estimate and the General Conditions attached and incorporated herein.

By: \_\_\_\_\_  
Kimley-Horn

Title: \_\_\_\_\_

Date: \_\_\_\_\_

**ATEK GENERAL CONDITIONS (PROFESSIONAL SERVICES)**

This PROFESSIONAL SERVICES AGREEMENT is made by and between Kimley-Horn hereinafter referred to as CLIENT, and ATEK Engineering Consultants, LLC, hereinafter called ATEK.

The PROFESSIONAL SERVICES AGREEMENT between the parties consists of these terms and conditions, the attached PROPOSAL identified as ATEK Proposal No. 230056, dated March 7, 2023, and any exhibits or attachments noted in the PROPOSAL. Together, these elements will constitute the entire AGREEMENT superseding any and all prior negotiations, correspondence, or agreements either written or oral. Any changes to this PROFESSIONAL SERVICES AGREEMENT must be mutually agreed to in writing.

**SECTION 1 - SCOPE OF SERVICES**

ATEK shall perform pursuant to the terms and conditions of this PROFESSIONAL SERVICES AGREEMENT the services as set forth in the accompanying PROPOSAL.

**SECTION 2 - PERMITS & UTILITIES**

1. Unless otherwise stated in the PROPOSAL, CLIENT shall apply for and obtain all required permits and licenses. CLIENT shall make all necessary arrangements for right of entry to provide ATEK access to the site for all equipment and personnel at no charge to ATEK.
2. ATEK will contact Blue stake prior to beginning field exploration services. While ATEK will take all reasonable precautions to minimize any damage to the property, CLIENT agrees to hold ATEK harmless for unknown buried facilities, not detected through "Blue Stake" or review of available utility maps provided to us, in the absence of willful and gross misconduct by ATEK.

**SECTION 3 - SAMPLES**

Samples collected during this study will be retained for approximately 30 days after the report is submitted and then disposed.

**SECTION 4 - INVOICES**

ATEK will submit an invoice to CLIENT each month. Payment is due upon presentation of invoice and is past due thirty (30) days from invoice date.

**SECTION 5 - OWNERSHIP OF DOCUMENTS**

1. All reports, field data, field notes, calculations, estimates and other documents prepared by ATEK, as instruments of service, shall remain the property of ATEK.
2. CLIENT agrees that all reports and other work furnished to CLIENT or his agents, which are not paid for, will be returned upon demand and will not be used by CLIENT for any purpose whatsoever.
3. ATEK will retain all pertinent records relating to the services performed for a period of five years following submission of the report, during which period the records will be made available to CLIENT at reasonable times.

**SECTION 6 - DISPUTES**

In an effort to resolve any conflicts that arise during the design or construction of the Project or following the completion of the Project, the CLIENT and ATEK agree that all disputes arising between them out of or relating to this Agreement or the Project shall be submitted to non-bonding mediation unless the parties mutually agree otherwise.

**SECTION 7 - STANDARD OF CARE & NOTIFICATION**

1. Services performed by ATEK under this PROFESSIONAL SERVICES AGREEMENT will be conducted in a manner consistent with that level of care and skill ordinarily exercised by members of the profession currently practicing under similar conditions. No warranty express or implied is made.
2. ATEK agrees to notify CLIENT when unanticipated hazardous materials or suspected hazardous materials are encountered. CLIENT agrees to make any disclosures required by law to the appropriate governing agencies.
3. ATEK will be responsible for data, interpretations, and recommendations, but shall not be responsible for the interpretation by others of the information developed.

**SECTION 8 - LIMITATION OF LIABILITY**

1. CLIENT agrees to limit ATEK's liability to CLIENT and all third parties arising from ATEK's negligent acts, errors or omissions, such that the total aggregate liability of ATEK to all those named shall not exceed our fees for the project or \$50,000, whichever is greater. Neither CLIENT nor any third parties assume any liability for damages to others, which may arise solely on account of ATEK's negligent acts, errors or omissions.
2. As part of the consideration ATEK requires for provision of the Services indicated herein, CLIENT agrees that any claim for damages filed against ATEK by CLIENT or any contractor or subcontractor hired directly or indirectly by CLIENT will be filed solely against ATEK or its successors or assigns and that no individual person shall be made personally liable or liable for damages, in whole or in part.

**SECTION 9 - INSURANCE**

ATEK represents and warrants that it and its agents, staff and consultants employed by it are protected by worker's compensation insurance and that ATEK has such coverage under public liability and property damage insurance policies which ATEK deems to be adequate. Certificates for all such policies of insurance will be provided to CLIENT, if requested. Within the limits and conditions of such insurance, ATEK agrees to indemnify and hold CLIENT harmless from and against any loss, damage, or liability arising from any negligent acts by ATEK, its agents, staff, and consultants employed by it. ATEK shall not be responsible for any loss, damage or liability arising from any acts by CLIENT, its agents, staff, and other consultants employed by it.

**SECTION 10 - TERMINATION**

1. This CONSULTING SERVICES AGREEMENT may be terminated by either party upon seven (7) days' written notice in the event of substantial failure by the other party to perform in accordance with the terms hereof, or in the event of the parties' failure to agree upon an adjustment to this PROFESSIONAL SERVICES AGREEMENT in accordance with Section 6. Such termination shall not be effective if that substantial failure has been remedied before expiration of the period specified in the written notice. In the event of termination, ATEK shall be paid for services performed to the termination notice date plus reasonable termination expenses.
2. In the event of termination or suspension for more than three (3) months prior to completion of all reports contemplated by this PROFESSIONAL SERVICES AGREEMENT, ATEK may complete such analyses and records as are necessary to complete ATEK's Project files and may also complete a report on the services performed to the date of notice of termination or suspension. The expenses of termination or suspension shall include all direct costs of ATEK in completing such analyses, records and reports.

**SECTION 11 - ENTIRE AGREEMENT**

1. This PROFESSIONAL SERVICES AGREEMENT along with the exhibits and/or proposals appended hereto constitute the entire PROFESSIONAL SERVICES AGREEMENT of the parties with respect to the subject matter hereof.
2. The Parties have read the foregoing, understand completely the terms and conditions, and willingly enter into this PROFESSIONAL SERVICES AGREEMENT which will become effective on the date signed by the CLIENT in the "acceptance" field in the proposal.



# FEE PROPOSAL - Phase 1 SUBCONSULTANT COST PROPOSAL SUMMARY

SUBCONSULTANT: ATEK Engineering Consultants, LLC.

CONTRACT NO.: TBA

PROJECT NAME: Kyrene Branch and Higline Canal SUP

DIRECT LABOR for TASK			
Classifications	Man-hours	Hourly Rates	Labor
Project Manager	8	\$ 140.00	\$ 1,120.00
Project Engineer	14	\$ 135.00	\$ 1,890.00
Staff Engineer	22	\$ 115.00	\$ 2,530.00
Secretary/Clerical	2	\$ 55.00	\$ 110.00
TOTAL	46		
Sub consultant's Total Direct Labor for Task(s)			\$ 5,650.00

DIRECT AND OUTSIDE EXPENSES for TASK(S)			
DESCRIPTION			EXPENSE AMOUNT
Mileage	0	\$ 0.655	\$ -
Outside Services - Asphalt Repairs			\$ -
Outside Services - 1/2-Sack Slurry			\$ -
Outside Services - Traffic Control Plan	2	\$ 100.00	\$ 200.00
Outside Services - Traffic Control	10	\$ 165.00	\$ 1,650.00
Outside Services - Drill Rig	16	\$ 230.00	\$ 3,680.00
Hydrometer Analysis, with Specific Gravity		\$ 195.00	\$ -
Moisture Content	7	\$ 28.00	\$ 196.00
Full Sieve Analysis, Coarse and Fine, washed	7	\$ 92.00	\$ 644.00
Plasticity Index (dry)	7	\$ 81.00	\$ 567.00
Consolidation		\$ 210.00	\$ -
Undisturbed Moisture/Unit Weight	5	\$ 40.00	\$ 200.00
Remolded Swell	2	\$ 135.00	\$ 270.00
pH and Resistivity of Soils and Aggregate	7	\$ 165.00	\$ 1,155.00
Direct Shear	2	\$ 400.00	\$ 800.00
Moisture-Density Relationship (Proctor)	2	\$ 170.00	\$ 340.00
Sulfates and Chlorides	7	\$ 95.00	\$ 665.00
			\$ -
Sub Consultant's Total of Direct and Outside Expenses			\$ 10,367.00
Sub Consultant's Total Labor			\$ 5,650.00
Sub Consultant's PROPOSED FEE			\$ 16,017.00



## DESERT ARCHAEOLOGY, INC.

3975 N. Tucson Blvd. Tucson, Arizona 85716  
(520) 881-2244  
www.desert.com

Sarah Herr, Ph.D.

President

William H. Doelle, Ph.D.

Vice President

March 14, 2023

Jennifer Simpkins  
Kimley-Horn  
7740 North 16th Street, Suite 300  
Phoenix, AZ 85020

**Project Name: Kyrene Branch and Highline Canal Shared Use Path**  
**City of Chandler Project No. TP2202.201**  
**ADOT Project Number: T0387 03D**  
**Cultural Resources Services**

Dear Ms. Simpkins,

Desert Archaeology is pleased to be included as a subconsultant on the above referenced contract for cultural resources services. The scope of work and derivation cost proposal summary are attached.

We understand that no work on the contract/project can commence without a written Notice to Proceed (NTP) letter from Kimley-Horn and that Desert Archaeology will not be reimbursed for any work undertaken before a written NTP is issued by ADOT.

Respectfully submitted,

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Sarah Herr  
President

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Patricia Castalia  
Project Manager



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Sarah Herr, Ph.D.

President

William H. Doelle, Ph.D.

Vice President

### **Project Name: Kyrene Branch and Highline Canal Shared Use Path**

**City of Chandler Project No. TP2202.201**

**ADOT Project Number: T0387 03D**

**Cultural Resources Services**

### **Scope of Work**

The City of Chandler, in partnership with ADOT, plans to construct approximately four miles of concrete shared use pathway segments, including EAWSZs – along the SRP Highline Canal and along the SRP Kyrene Branch Canal – using federal funding. No new ROW will be required; however, TCEs will be needed for construction.

Work will include:

Highline:

- new concrete shared use pathway from the terminus of the existing concrete pathway at the Tempe/Chandler border to Orchid Lane
- Restriping of Orchid Lane and 54<sup>th</sup> Street to provide separated bike lanes
- Other than minor driveway curb ramp improvements where the canal path meets Orchid Lane, no other street/curb work

Kyrene:

- New concrete shared use pathway from Knox Rd/Kyrene Road to south of Linda Lane
- Two new signals – one at Knox to cross Kyrene and one across Ray
- Minor driveway curb ramp improvements where path intersects streets

The Project Environmental Data Sheet indicates that land ownership is City of Chandler ROW. Modifications to canals could result in potential issues under Section 4(f) of the U.S. Department of Transportation Act of 1966. The buffered study area for the project is located on the floodplain adjacent to the Gila River. A preliminary review of the AZSITE database indicates that several previous cultural resources surveys overlap the proposed alignments and that both canal segments are part of previously designated archaeological sites. AZSITE indicates that both sites have been determined eligible for inclusion on the National Register of Historic Places (NRHP). The only other designated site in the vicinity of the project areas is the Maricopa & Phoenix Railroad, a Southern Pacific Railroad spur (now owned and operated by the Union Pacific) that extends between Tempe and West Chandler and has been determined not NRHP-eligible.

The project is considered a federal undertaking under the National Environmental Protection Act and Section 106 of the National Historic Preservation Act. ADOT has identified the need for cultural resources records review, a Class III survey, and consultation support.

### Tasks

1. Desert Archaeology will conduct a records search of known cultural resources within the Area of Potential Effects (APE) and a defined buffer zone (0.5-mile perimeter around the APE). Relevant information related to previous projects and known archaeological sites in the vicinity of the APE will be gathered from a variety of sources, including AZSITE; the Arizona State Museum (ASM) Archaeological Records Office (ARO); and the ADOT Historic Preservation Team (HPT) portal. Other potential sources of information may include General Land Office (GLO) records and historic USGS topographical quadrangle maps, historic aerial photographs, the Arizona Register of Historic Places (ARHP), the National Register of Historic Places (NRHP), and relevant reports for past projects conducted in and adjacent to the project area.
2. A Class III cultural resources field survey of the APE will be undertaken. The survey will require the systematic inspection of the ground surface within the project area by an archaeologist and the identification of any cultural remains that are visible. The project area will be examined by archaeologists in areas within the APE not covered by modern materials, such as asphalt paving. Standing buildings or structures within or adjacent to the project area will be evaluated as to age and function. Effects on in-use historic structures, such as canals, will be evaluated in the context of Section 4(f).

All cultural resources that are identified will be assessed and recorded, mapped using a GPS instrument, and photographed. Newly discovered sites will be fully recorded within the APE using current ASM site forms. Previously recorded sites will be relocated, their current condition will be assessed, and they will be documented according to current ASM standards. Any site encountered during the Class III survey will be evaluated for significance using the National Register of Historic Places criteria. Cultural remains not meeting ASM site definition criteria will be recorded as isolated occurrences.

3. The work will result in a report that meets the compliance requirements of federal, state, and local agencies and provides recommendations for the further consideration of significant cultural resources recommended as eligible for the National Register of Historic Places that cannot be avoided. The report will include a listing of known sites within the APE, their National Register eligibility status, consultation history, previous investigations, the potential effects from this project, and any further recommended treatment. The report will include map figures of sites and previous projects in the APE as well as recommended avoidance areas. It will follow content and formatting guidelines established by the Arizona State Historic Preservation Office (SHPO), ASM, and ADOT, and may use the SHPO Survey Report Summary Form. The draft report will be submitted to the client for review. Revisions based on all review comments will be made in a final report.
4. Desert Archaeology will facilitate Section 106 consultation through preparation of one draft consultation letter. Once the final report is accepted by all compliance review agencies, all project materials will be curated with the ASM and uploaded to the ADOT HPT portal.



*Exclusions:*

The proposal does not include site flagging for avoidance, cultural resources monitoring, or testing/data recovery.

**Schedule**

Desert Archaeology will begin the records review (Task 1) as soon as we receive notice to proceed. Fieldwork (Task 2) will be scheduled within two weeks, and the report (Task 3) will require three weeks to complete thereafter. Consultation support (Task 3) will be ongoing throughout the project as needed.



14 March 2023

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Patricia Castalia  
Operations Director

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Date



Firm: Desert Archaeology, Inc.  
Address: 3975 N. Tucson Blvd., Tucson, AZ  
Phone: 520-881-2244

City of Chandler Project No.: TP2202.201  
Project Name: Kyrene Branch and High-  
line Canal Shared Use Path  
Project Number: T0387 03D  
Date: 3/14/2023

#### DERIVATION OF COST PROPOSAL SUMMARY

##### DIRECT LABOR RATES

<u>Classification</u>	<u>Contract Rate</u>	<u>Hours</u>	<u>Labor Cost</u>
Environmental Coordinator/Program Manager	\$33.73	14	\$472.22
Archaeologist	\$27.75	64	\$1,776.00
GIS Analyst/Technician-Sr.	\$33.00	4	\$132.00
GIS Analyst/Technician	\$25.00	8	\$200.00
Total Direct Labor		90	\$2,580.22
Negotiated Overhead (94.94%)			\$2,449.66
FCCM (.02%)			\$0.52

##### DIRECT EXPENSES

Curation/Permits (estimated)	\$424.60
Subtotal Direct Expenses	\$424.60
Fee (10% of Direct Labor and Overhead)	\$502.99
Total Estimated Cost	\$5,957.99

DBE Certification Yes

Sarah Herr  
President

3/14/2023

Date



**Firm:** Desert Archaeology, Inc.  
**Address:** 3975 N. Tucson Blvd., Tucson, AZ  
**Phone:** 520-881-2244

**City of Chandler Project No.:** TP2202.201  
**Project Name:** Kyrene Branch and Highline Canal  
**Shared Use Path**  
**Project Number:** T0387 03D  
**Date:** 3/14/2023

**DIRECT LABOR RATES**

**Classification**

Environmental Coordinator/Program Manager  
Archaeologist  
GIS Analyst/Technician-Sr.  
GIS Analyst/Technician

Management/ Consultation  
Records Review  
Class III Survey  
Report Preparation

**Hours**

Total Direct Labor

8	0	0	6	14
0	16	16	32	64
0	4	0	0	4
0	0	0	8	8
				90

## Quote

**Quote No**                      **Q005244**

Job No.                              005595

Date                                14 March 2023

Valid To                          13 May 2023

Desert Archaeology  
3975 N. Tucson Blvd.  
Tucson  
AZ 85716-1037

Project Name: Kyrene Branch and Highline Canal Shared Use Path  
City of Chandler Project No. TP2202.201  
ADOT Project Number: T0387 03D

Arizona State Museum  
C/O RII Business Center  
Marshall Building - Room 525  
845 N Park Avenue  
PO Box 210158B  
Tucson, AZ 85719

### **Kyrene Branch and Highline Canal Survey**

Online Quote Request 03/13/2023 2:27 pm

Submitted By: Patricia Castalia / permits@desert.com [5208812244]

Billing Contact: Jody Dito permits@desert.com 5208812244

Class III survey

Client Selected:

Desert Archaeology:Desert Archaeology  
3975 N. Tucson Blvd.:3975 N. Tucson Blvd.  
Tucson:Tucson  
AZ:AZ  
85716-1037:85716-1037  
(520) 881-2244:(520) 881-2244  
<http://desert.com/>:<http://desert.com/>

Project Sponsor:

Project Name: Kyrene Branch and Highline Canal Survey

Project Number:

ASM Accession Number:

Project Description: Class III survey

Land Ownership: Private: NO

Land Ownership: Tribal: NO

Land Ownership: Federal: NO

Land Ownership: State: YES

Estimated Project Start Date: 04/03/2023

Estimated Project End Date: 04/28/2023

Service: PROJECT REGISTRATION: YES

Project will be carried out under an AAA Permit: SELECTED

Non-collection Survey: SELECTED

Number of acres on State land: 0.0

Number of linear miles on State land: 8

Number of calendar days project duration on State land: 2

AAA Project-specific Permit No: SELECTED

AAA Blanket Permit already issued for calendar year: SELECTED

Acknowledgement of Notification of Intent to conduct non-collection survey: YES

Number of person field days: 2

Number of new sites to be recorded: 0

Number of sites to be updated: 0

Number of linear inches of documents to be curated at ASM: 1

Number of digital images to be curated at ASM: 1

### **Rate-Based Services**

## Quote

Description	Time	Rate	Amount
Project Registration, Non-collection survey - Assistant - (ARO)	0.67	38.00	25.33
Project Registration, Non-collection survey - Specialist - (ARO)	0.60	83.00	49.80
Review Draft Report - Specialist - (ARO)	2.00	83.00	166.00
CURATION Prepare Documents - Assistant - (ARO)	0.33	38.00	12.67
CURATION Prepare Documents - Specialist - (ARO)	0.17	83.00	13.83
CURATION Prepare Archive - Assistant - (ARCHIVE)	0.30	38.00	11.40
CURATION Prepare Archive - Professional - (ARCHIVE)	0.33	125.00	41.67
CURATION Prepare Photos - Specialist - (PHOTO)	0.30	83.00	24.90
CURATION Process Images - Professional - (PHOTO)	0.10	125.00	12.50

### Fee-Based Services

Description	Quantity	Rate	Amount
CURATION in perpetuity of a linear inch of documentation	1.00	66.50	66.50

Sub Total 424.60

Tax 0.00

**Total 424.60**

This quote is provided in good faith based on the assumptions and information submitted via the Arizona State Museum (ASM) Request for Quote Questionnaire. This quote applies only to the specific project for which the Request for Quote was submitted. If at any time the scope of this project escalates beyond that which was outlined within the Request for Quote Questionnaire, a revised quote (Rev.) will be issued, and thereafter become binding. The rates and fees listed in this quote are valid for 60 calendar days after date issued.



March 10, 2023

Jennifer Simpkins  
Kimley-Horn  
7740 N. 16th Street, Suite 300  
Phoenix, AZ 85020

ADOT Project No.: T0387 01C  
City of Chandler Project No.: TP2202.201  
Project Name: Kyrene Branch and Highline Canal Shared Use Path  
Federal I.D.: CHN-(0(252)D

Re: Scope of Work and Cost Estimate Hazardous Materials Sampling and Report

Dear Ms. Simpkins:

Newton Environmental Consulting, LLC (NEC) is pleased to submit for your consideration our Scope-of-Services and Cost-Estimate for the completion of a Hazardous Materials Sampling (HMS) report for Asbestos containing material (ACM) and lead-based paint (LBP) for this City of Chandler (COC) and Arizona Department of Transportation (ADOT) project. The project involves approximately one-quarter mile of shared-use pathways along Salt River Project's Highline Canal and is located in Chandler within Maricopa County, AZ. The project is anticipated to be within the transportation ROW.

We hope that you will find this Scope-of-Services and lump sum Cost-Estimate complete. Please call me directly at 602.332.9642, should you have any questions or require additional information.

Sincerely,

A handwritten signature in black ink that reads "Angela Newton". The signature is fluid and cursive.

Angela Newton Principal

Attachments: Cost Derivation Sheets

## **NEC SCOPE-OF-SERVICES**

### **Kyrene Branch and Highline Canal Shared Use Path**

#### **HAZARDOUS MATERIALS ASSUMPTIONS**

The City of Chandler is constructing approximately one-quarter mile of new 10-foot wide, concrete shared-use pathway along Salt River Project's Highline Canal beginning from the path's existing terminus at the City of Chandler/City of Tempe border, and continuing southwest to Orchard Lane. The City of Chandler is also constructing one mile of new 10-foot wide, concrete shared-use path along Salt River Project's Kyrene Branch Canal beginning at S. Kyrene Road and W. Knox Road intersection and continuing in a southwest direction to just south of Linda Lane. Project to be constructed inside City Road - No new ROW will be required. City will need TCE's for construction and an Easement. Design will verify all ROW Considerations.

NEC assumes the number of ACM and LBP samples are based on information provided by KHA, information in the 2018 ADOT Bridge Inventory, and current Google Earth imagery. ADOT Hazardous Materials Coordinator, Ed Green, approved the sampling methodology on 3/10/2023 via email. NEC will not conduct a Preliminary Initial Site Assessment for this project. We understand that all work will take place in existing ROW. State and Vicinity Maps, as well as scope of work (SOW) will be provided by KHA.

#### **TASKS DESCRIPTIONS**

##### **1. Project Management**

- Scheduling and billing services.

##### **2. Coordination**

- Coordination with Kimley-Horn, COC, and ADOT.

##### **3. Hazardous Materials**

- Pre- and post-field activities including COC preparation, lab drop off, and equipment clean-up. Pre- and post-field operations.
- Travel to and from site and lab.
- Conduct a site visit to review the project limits and collect samples for the ACM/LBP analysis along Salt River Project's Highline Canal.

##### **4. Report**

- Prepare and submit a draft sampling report for the internal team to review.
- Address comments per internal team review and revise the sampling report for final submittal.





ADOT Project No. T0387 01C

Project Name: Kyrene Branch and Highline Canal Shared Use Path

City of Chandler Project No.: TP2202.201

Federal ID.: CHN-(0(252)D

March 10, 2023

NEC Project No.: 2023-KH\_COCPATH

**DERIVATION OF COST PROPOSAL SUMMARY**

**DIRECT LABOR**

<u>Classification</u>	<u>Labor Hours</u>	<u>Rate</u>	<u>Labor Cost</u>
Project Manager - Sr.	7	\$160.00	\$1,120.00
Environmental Planner/Scientist	30	\$119.21	\$3,576.30
Administrative	2	\$65.00	\$130.00
<b>Total Hours:</b>	<b>39</b>	<b>Total Direct Labor:</b>	<b>\$4,826.30</b>

**OTHER DIRECT COSTS**

Mileage (Fiberquant Lab) - Per ADOT Travel Policy	\$30.63
Mileage (Field Sampling) - Per ADOT Travel Policy	\$35.00
Fiberquant Lab Testing	\$1,155.00
<b>Total Other Direct Costs:</b>	<b>\$1,220.63</b>

**TOTAL COST: \$6,046.93**

A handwritten signature in black ink that reads "Angela Newton".

Angela Newton

3/10/2023

Date



ADOT Project No. T0387 01C  
 Project Name: Kyrene Branch and Highline Canal Shared Use Path  
 City of Chandler Project No.: TP2202.201  
 Federal ID.: CHN-(0(252)D

March 10, 2023

NEC Project No.: 2023-KH\_COCPATH

TASK NO.	TASK DESCRIPTION	Project Manager - Sr.	Environmental Planner/Scientist	Administrative	Task Hour
		\$160.00	\$119.21	\$65.00	
1	<b>100- PROJECT MANAGEMENT</b>				
	Scheduling and billing services. Project supervision and close-out.	2	6	2	10
2	<b>200- COORDINATION</b>				
	Coordination with Kimley-Horn and ADOT.	2	4		6
3	<b>300- HAZARDOUS MATERIALS</b>				
	Pre- and post-field activities including COC preparation, lab drop off, and equipment clean-up.		6		6
	Travel to and from project site and lab. (1-person team)		2		2
	Site visit including sampling. (1-person team)		3		3
4	<b>400- SAMPLING REPORT</b>				
	Prepare and submit a draft sampling report for the internal team to review.	2	8		10
	Address comments per internal team review and revise the sampling report for final submittal.	1	1		2
<b>Total Hours</b>		<b>7</b>	<b>30</b>	<b>2</b>	<b>39</b>



ADOT Project No. T0387 01C

Project Name: Kyrene Branch and Highline Canal Shared Use Path

Contract No.: 2022-006.08

Federal ID.: CHN-(0(252)D

March 10, 2023

NEC Project No.: 2023-KH\_COCPTH

**OTHER DIRECT COSTS BREAKDOWN**

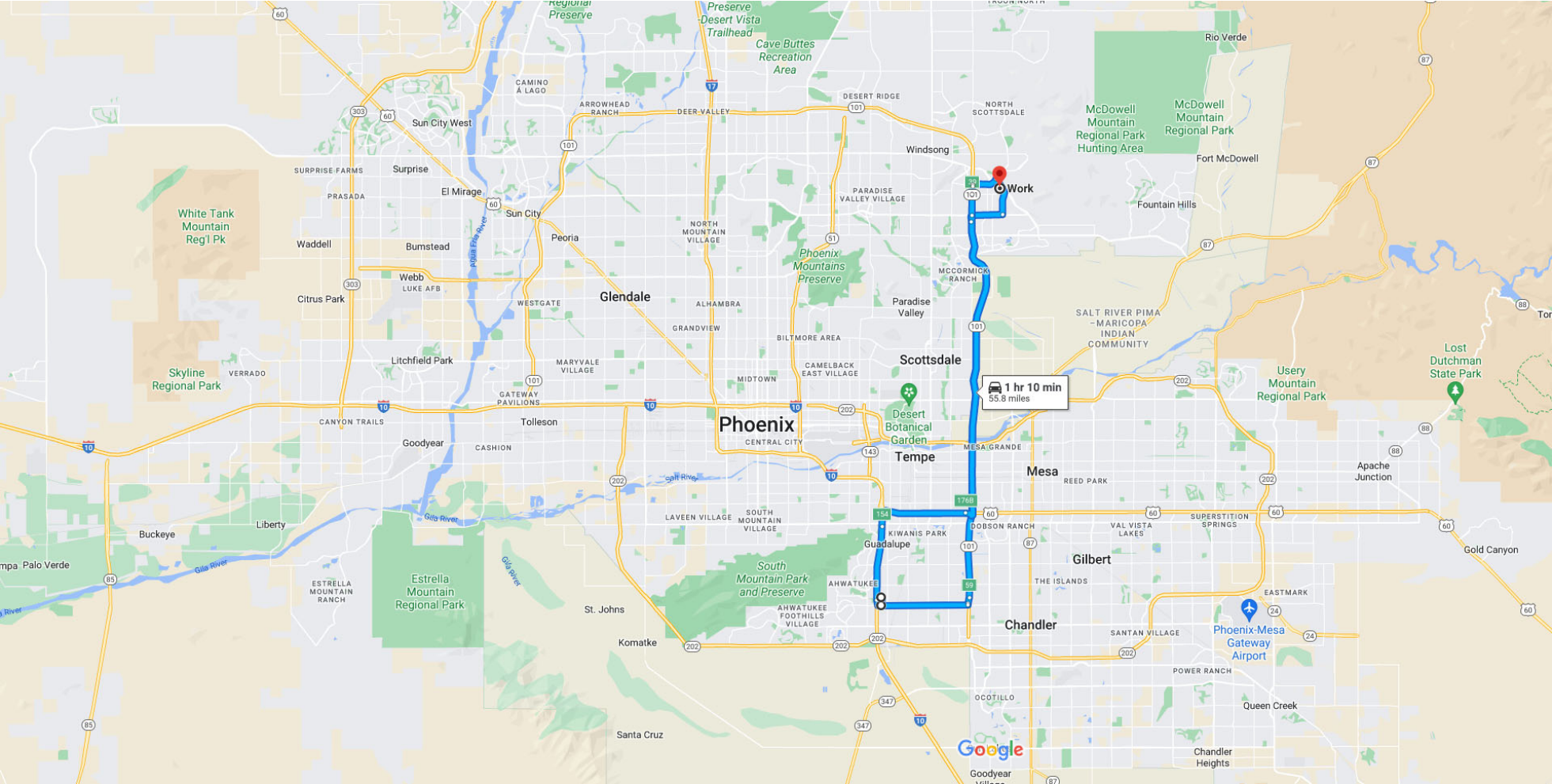
**Travel**

Mileage (Fiberquant Lab) - Per ADOT Travel Policy	1	trips/month x	49	miles @	\$0.625	per mile =	\$30.63
Mileage (Field Sampling) - Per ADOT Travel Policy	1	trips/month x	56	miles @	\$0.625	per mile =	\$35.00
<b>Subtotal Travel:</b>							<b>\$65.63</b>


**Fiberquant Lab Testing**

Fiberquant asbestos sample analysis	1	site visit/month x	57	samples @	\$16.50	per	\$940.50
Fiberquant lead sample analysis	1	site visit/month x	13	samples @	\$16.50	per	\$214.50
<b>Subtotal Testing:</b>							<b>\$1,155.00</b>

**TOTAL OTHER DIRECT COSTS: \$1,220.63**



Map data ©2023 2 mi

 via AZ-101 Loop S

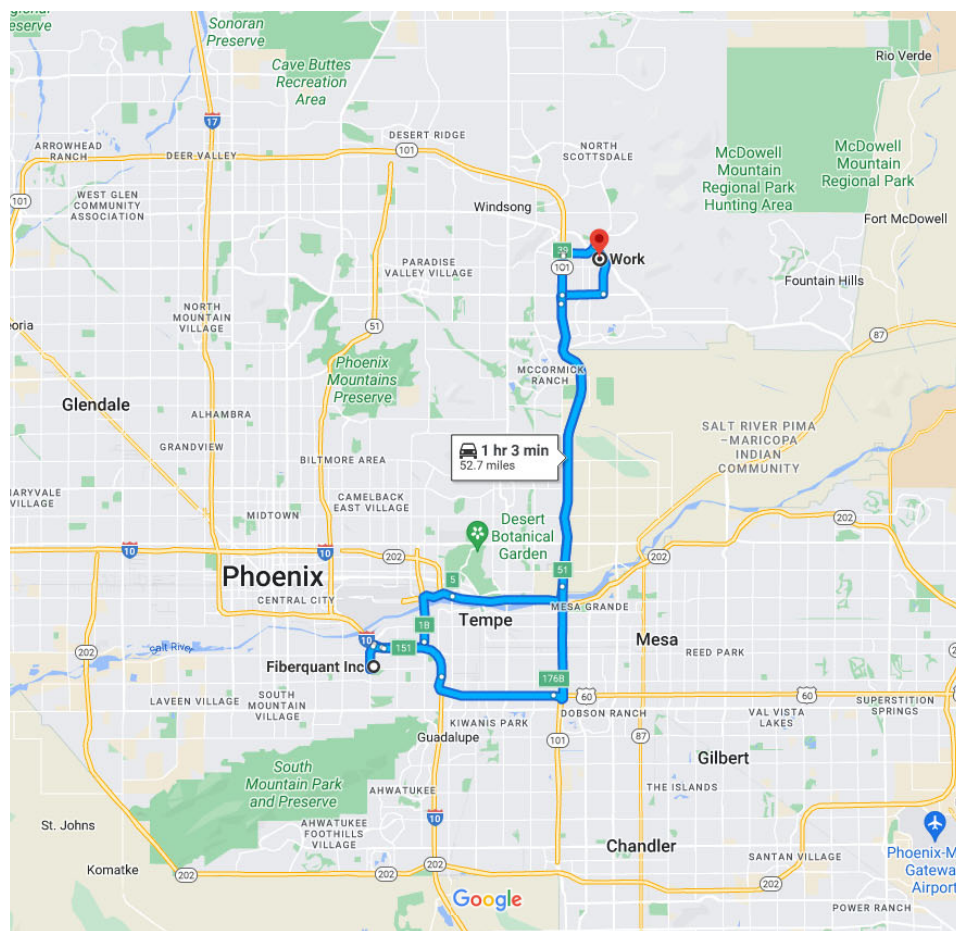
1 hr 10 min

1 hr 10 min without traffic

55.8 miles

Explore 9859 E Winchcomb Dr

Drive 52.7 miles, 1 hr 3 min



Map data ©2022 Google 2 mi



Ashton Koons  
Newton Environmental Consulting, LLC

3/28/2022

Dear Ms. Koons

Thank you for your interest in using our PLM services for determining asbestos concentrations in bulk materials. As discussed, our fee for roadway projects would be \$16.50 per sample with a 1-3 day turnaround time. FAA services for testing lead in paint is also \$16.50 per sample with a 1-3 day turnaround time.

Sincerely,

A handwritten signature in black ink, reading "Michael Breu". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

Michael Breu  
Technical Manager  
Fiberquant Analytical Services



**MakPro Services, LLC**  
2036 N. Gentry • Mesa, AZ 85213

Office: 480-890-1927  
Email: [teresa@makprosvc.com](mailto:teresa@makprosvc.com)

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March 30, 2023

Ms. Anne DeBoard  
Kimley-Horn & Associates  
7740 N. 16<sup>th</sup> Street, Suite 300  
Phoenix, AZ 85020

Dear Anne:

MakPro Services, LLC (MakPro) is pleased to provide the following proposal and cost estimate for public involvement and stakeholder coordination services during design for the City of Chandler's Kyrene Branch & Highline Canal Shared Use Path Project (T038703D CHN0252D TP2202.201). Public involvement is an important element in projects such as this that take place near or through residential communities and provides a link between the project and the community it impacts. Many times, this small link is all that is needed to help a project run more smoothly.

There are a variety of public involvement tools which can be used to establish appropriate communication with the effected stakeholders of a project. The services included in this scope and fee are based on our previous experience on these projects, our discussions during the scoping meeting, and our experience with City of Chandler.

Please take a moment to review this scope and cost estimate and if I've missed or misunderstood any of the project characteristics, or if you'd like to customize this proposal in some other way, please let me know.

As part of this effort, MakPro will:

- Coordinate with the project team to develop a community engagement plan for the project for discussions with stakeholders. (2 hrs)
- Communicate with leadership (community management or HOA Board) for up to four nearby HOAs (to be determined) along the shared-use path alignment to discuss the project components and design details. MakPro will schedule, prepare for and coordinate up to four (4) total meetings with these HOAs. (18 hrs)
- Schedule, coordinate, prepare for, participate in and document up to two (2) combined public meetings for the broader public to learn about the shared use paths and provide their feedback or comments. (18 hrs)
- Draft meeting notifications for two public meetings which will include meeting details, how to get information, and how to communicate with the project team. (14 hrs + \$3,800 printing/postage/translation)



- Participate in discussions with auto dealerships/businesses along the Highline Canal Shared Use Path to better understand their desires and concerns to be considered in the project design. (6 hrs)
- Coordinate with HOAs and businesses prior to the public meetings to ensure they are aware of the meetings and can share this information with their residents. (8 hrs)
- Update information on chandleraz.gov to provide web information with public meeting exhibits and/or project progress. (4 hrs)
- Provide a project hotline which can receive comments related to the project. (15 hrs)
- Participate in up to 10 design progress meetings to understand project concepts and plan for public engagement, progress meetings assumed to be virtual (10 hrs)

The total cost for public outreach services as identified above **should not exceed \$14,800.00**. This estimate assumes a rate of \$120/hour for principal and \$100/hr for associate. Reimbursable expenses are based on a 2-up half-color postcard (approx 1,400 addresses) mailer. Excluded from this estimate are any unusual out-of-pocket expenses requested by the sponsor.

This proposal assumes any displays, exhibits, engineering designs or details, required for public information will be provided by the City of Chandler or Kimley-Horn. Changes of substance to this proposal during the project may affect the final cost. Thank you for the opportunity to continue our work with you and the City of Chandler on this exciting project.

Sincerely,



Teresa Makinen  
Principal

**EXHIBIT "F"**  
**FEDERAL REQUIREMENTS**

**FEDERAL REQUIREMENTS**  
**AND**  
**DOCUMENTS**  
**FOR**  
**SOQ - PROFESSIONAL SERVICES**  
**AND CONTRACT**  
**With DBE Goal – DBE Race Conscious**

**This is a federal funded contract with Federal Highway Administration (FHWA)  
and must comply with all related federal requirements.**

**FEDERAL DOCUMENTS**

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3.0	Lobby Certification .....	<b>Submitted with SOQ</b>
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**1.0**

**REQUIREMENTS OF THE CONSULTANT  
FOR SOQ SUBMITTAL**

## 1.0 CONSULTANT REQUIREMENTS FOR SOQ SUBMITTAL

**This contract is a federal funded contract with Federal Highway Administration (FHWA) and must comply with all related federal requirements.**

### 1.1 REQUIRED LICENSURE AND REGISTRATION

SOQs will be accepted from any prime Consultant prequalified through the Arizona Department of Transportation (ADOT) Engineering Consultants Section (ECS) and properly registered with the Arizona Board of Technical Registration (BTR) at the time the SOQ is submitted to the City. This contract does require a Principal or Officer of the Firm responsible for this contract that is properly registered with the BTR at the time of SOQ submittal. It is the prime Consultant's responsibility to verify that all Subconsultants, in the SOQ submittal, have the proper Arizona licenses and registrations, and DBE certification if applicable, for the services to be performed under this contract.

### 1.2 PRE-QUALIFICATION

In order to submit an SOQ, the prime Consultant must have on file with ADOT ECS a current Prequalification Application/Statement. Subconsultants are not required by ADOT ECS or the City to be prequalified, but are encouraged to do so. ADOT ECS currently prequalifies firms on a bi-annual basis. Further information regarding the prequalification process can be found at the following ADOT ECS website:

**<https://www.azdot.gov/business/engineering-consultants/consultant-prequalification>**

Obtaining prequalification does not mean the firm is under contract or entitled to receive a contract. Obtaining prequalification means the firm has met minimum requirements to submit qualifications to be considered/evaluated for this project.

The City will review prequalification status with ADOT ECS at the time of SOQ due date. If the firm is not prequalified on the SOQ submittal date, the SOQ will be rejected.

### 1.3 AUDIT & ANALYSIS REQUIREMENTS

Within two (2) weeks after receiving notice of selection, the selected prime Consultant(s) and its Subconsultant(s) must submit financial documentation to ADOT Office of Audit & Analysis (A&A). If the selected prime Consultant(s) and its Subconsultant(s) have recently submitted their most current financial documents to ADOT A&A, contact ADOT A&A at (602) 712-7042 to inquire if you need to resubmit financial documents. Additionally, the selected prime Consultant(s) and its Subconsultant(s) are required to comply with ADOT Consultant Audit Guidelines.

To review the ADOT Consultant Audit Guidelines, use the following link:

**<http://www.azdot.gov/docs/default-source/ecs/consultant-audit-guidelines.pdf>**

To review the ADOT Consultant Audit Criteria (Information Bulletins 08-03 & 09-04), use the following links:

**<http://www.azdot.gov/docs/businesslibraries/08-03.pdf>**

**<http://www.azdot.gov/docs/businesslibraries/09-04.pdf>**

Prime Consultants and its Subconsultants that propose on an overhead basis must have their Schedule of Indirect Costs and Financial Statements available for review by ADOT A&A **within six (6) months of the completion of the Consultant's preceding fiscal year-end (FYE)**. For example, a Consultant with December 31, 2013, FYE must have the required information available **no later than June 30, 2014**. **Noncompliance with this requirement will be considered failed negotiations unless waived in writing by the State.**

The items outlined above represent the information needed to begin the audit review process. Additional information and supporting documentation may be requested. Failure to comply with audit requirements



within the established timeframes may be considered failed negotiations. Questions regarding ADOT's audit requirements or related information must be directed to ADOT A&A at (602) 712-7042.

The Consultant understands that a compliant accounting system is required in accordance with Generally Accepted Accounting Principles (GAAP), Federal Acquisition Regulation (FAR) of Title 48, Code of Federal Regulations (CFR)-Part 31, applicable Cost Accounting Standards (CAS), and ADOT Advance Agreement Guideline.

**1.4 STATE OF ARIZONA LOCAL OFFICE REQUIREMENTS**

All selected prime Consultant(s) must establish a local office in the State of Arizona prior to the contract Notice to Proceed (NTP) date if a local office does not already exist.

**1.5 NOT ALLOWED IN SOQ SUBITTAL**

Inclusion of cost, work-hour, and plan-sheet estimates are not allowed in the SOQ.

**1.6 BIDDERS-PROPOSERS LIST EMAIL VERIFICATION**

See the DBE Documents section for instructions. This email verification document must be submitted with SOQ and is not included in the limited page count submittal requirements.

After contract award, a firm may request a debriefing with the City's Project Manager.

**2.0**

**SOQ PROPOSAL CERTIFICATION FORM**

**(Submitted With SOQ - Document on File)**



CITY OF CHANDLER  
SOQ PROPOSAL CERTIFICATION FORM

CONSULTANT NAME: Kimley-Horn and Associates, Inc.

PROJECT NAME	Kyrene Branch and Highline Canal Shared Use Path				
CITY PROJECT NO	TP2202-201	FEDERAL NO	CHN0252D	ADOT NO	T038703D

The statements below are to ensure Consultants are aware and in agreement with Federal, State, and City of Chandler Guidelines related to the award of this contract. Consultants shall submit the specific Certification form attached to the related SOQ advertised. Failure to sign and submit this Certification Form as specified in this SOQ with the SOQ proposal will result in the SOQ proposal being rejected.

Submission of the SOQ by the Consultant certifies that to the best of its knowledge:

1. The Consultant and its subconsultant have not engaged in collusion with respect to the contract under consideration.
2. The Consultant, its principals and subconsultants have not been suspended or debarred from doing business with any government entity.
3. The Consultant shall have the proper Arizona licenses(s) and registration(s) for services to be performed under this SOQ and contract. Furthermore, the Consultant and Key Team Members including Subconsultants are currently licensed to provide the required services as requested in the SOQ package.
4. The Consultant's signature on any SOQ proposal or contract constitutes an authorization to the City to ascertain the eligibility of the Consultant, its principals and subconsultants to enter into contract with the City and with any other governmental agency.
5. The Consultant's Project Team members are employed by the Consultant on the date of submittal.
6. All information and statements written in the proposal are true and accurate and that the City reserves the right to investigate, as deemed appropriate, to verify information contained in proposals.
7. All members of the Project Team who are former City employees did not have or provide information that gives the Consultant a competitive advantage, and either (1) concluded their employment with City at least 12 months before the date of the SOQ or (2) have not made any material decisions about this project while employed by the City of Chandler.
8. Work, equating at least 51% of the contract value, shall be completed by the Consultant unless otherwise specified in the SOQ or contract.
9. No federally appropriated funds have been paid or shall be paid by or on behalf of the Consultant for the purpose of lobbying.
10. The Consultant understands that it is required to have a compliant accounting system, in accordance with Generally Accepted Accounting Principles (GAAP), Federal Acquisition Regulation (FAR) of Title 48, Code of Federal Regulations (CFR)-Part 31, applicable Cost Accounting Standards (CAS), and ADOT Advance Agreement Guideline.

11. Due to the project having federal aid funds, the Consultant affirmatively ensures that in any subcontract entered into pursuant to this advertisement, disadvantaged business enterprises shall be afforded full and fair opportunity to submit proposals/bids in response to this invitation and shall not be discriminated against on the grounds of race, color, or national origin in consideration for an award, in accordance with Title VI of the Civil Rights Act of 1964, 42 U.S.C. 2000d to 2000d-4 and Title 49, Code of Federal Regulations, Department of Transportation, Subtitle A, Office of the Secretary, Part 21, Nondiscrimination in Federally-assisted programs of the Department of Transportation.
12. The Consultant shall utilize all Project Team members, subconsultants and DBE firms, if applicable, submitted in the SOQ and shall not add other Project Team members or subconsultants, unless the Consultant has received prior written approval from the City. Furthermore, Consultant understands that each Subconsultant must be approved through a City of Chandler approval process.
13. The Consultant shall either meet its DBE goal commitment and any other DBE commitments or make Good Faith Efforts to meet the DBE goal commitments as stated in its SOQ proposal or Cost Proposal and shall report on a timely basis its DBE utilization as detailed in the contract.
14. If selected, the Consultant is committed to satisfactorily carry out the Consultant's commitments as detailed in the contract and its SOQ proposal.

I hereby certify that I have read and agree to adhere to the fourteen (14) statements above and/or that the statements are true to the best of my knowledge as a condition of award of this contract. This form must be signed by a Principal of the Consultant.

Name (Print): Adam C. Perillo, PLA

Title: Senior Vice President

Name (Signature):



Date: 05/03/2023

**3.0**

**LOBBY CERTIFICATION FORM**

**(Submitted with SOQ - Document on File)**

# DISCLOSURE OF LOBBYING ACTIVITIES

Complete this form to disclose lobbying activities pursuant to 31 U.S.C. 1352

Approved by OMB

0348-0046

(See reverse for public burden disclosure.)

<b>1. Type of Federal Action:</b> <input type="checkbox"/> a. contract <input type="checkbox"/> b. grant <input type="checkbox"/> c. cooperative agreement <input type="checkbox"/> d. loan <input type="checkbox"/> e. loan guarantee <input type="checkbox"/> f. loan insurance		<b>2. Status of Federal Action:</b> <input type="checkbox"/> a. bid/offer/application <input type="checkbox"/> b. initial award <input type="checkbox"/> c. post-award		<b>3. Report Type:</b> <input type="checkbox"/> a. initial filing <input type="checkbox"/> b. material change <b>For Material Change Only:</b> year _____ quarter _____ date of last report _____	
<b>4. Name and Address of Reporting Entity:</b> <input type="checkbox"/> Prime <input type="checkbox"/> Subawardee Tier _____, if known:  <b>Congressional District, if known:</b>			<b>5. If Reporting Entity in No. 4 is a Subawardee, Enter Name and Address of Prime:</b>  <b>Congressional District, if known:</b>		
<b>6. Federal Department/Agency:</b>			<b>7. Federal Program Name/Description:</b>  CFDA Number, if applicable: _____		
<b>8. Federal Action Number, if known:</b>			<b>9. Award Amount, if known:</b> \$ _____		
<b>10. a. Name and Address of Lobbying Registrant</b> (if individual, last name, first name, MI):			<b>b. Individuals Performing Services</b> (including address if different from No. 10a) (last name, first name, MI):		
<b>11.</b> Information requested through this form is authorized by title 31 U.S.C. section 1352. This disclosure of lobbying activities is a material representation of fact upon which reliance was placed by the tier above when this transaction was made or entered into. This disclosure is required pursuant to 31 U.S.C. 1352. This information will be available for public inspection. Any person who fails to file the required disclosure shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.			Signature: _____ Print Name: _____ Title: _____ Telephone No.: _____ Date: _____		
<b>Federal Use Only:</b>				Authorized for Local Reproduction Standard Form LLL (Rev. 7-97)	

## INSTRUCTIONS FOR COMPLETION OF SF-LLL, DISCLOSURE OF LOBBYING ACTIVITIES

This disclosure form shall be completed by the reporting entity, whether subawardee or prime Federal recipient, at the initiation or receipt of a covered Federal action, or a material change to a previous filing, pursuant to title 31 U.S.C. section 1352. The filing of a form is required for each payment or agreement to make payment to any lobbying entity 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 a covered Federal action. Complete all items that apply for both the initial filing and material change report. Refer to the implementing guidance published by the Office of Management and Budget for additional information.

1. Identify the type of covered Federal action for which lobbying activity is and/or has been secured to influence the outcome of a covered Federal action.
2. Identify the status of the covered Federal action.
3. Identify the appropriate classification of this report. If this is a followup report caused by a material change to the information previously reported, enter the year and quarter in which the change occurred. Enter the date of the last previously submitted report by this reporting entity for this covered Federal action.
4. Enter the full name, address, city, State and zip code of the reporting entity. Include Congressional District, if known. Check the appropriate classification of the reporting entity that designates if it is, or expects to be, a prime or subaward recipient. Identify the tier of the subawardee, e.g., the first subawardee of the prime is the 1st tier. Subawards include but are not limited to subcontracts, subgrants and contract awards under grants.
5. If the organization filing the report in item 4 checks "Subawardee," then enter the full name, address, city, State and zip code of the prime Federal recipient. Include Congressional District, if known.
6. Enter the name of the Federal agency making the award or loan commitment. Include at least one organizational level below agency name, if known. For example, Department of Transportation, United States Coast Guard.
7. Enter the Federal program name or description for the covered Federal action (item 1). If known, enter the full Catalog of Federal Domestic Assistance (CFDA) number for grants, cooperative agreements, loans, and loan commitments.
8. Enter the most appropriate Federal identifying number available for the Federal action identified in item 1 (e.g., Request for Proposal (RFP) number; Invitation for Bid (IFB) number; grant announcement number; the contract, grant, or loan award number; the application/proposal control number assigned by the Federal agency). Include prefixes, e.g., "RFP-DE-90-001."
9. For a covered Federal action where there has been an award or loan commitment by the Federal agency, enter the Federal amount of the award/loan commitment for the prime entity identified in item 4 or 5.
10. (a) Enter the full name, address, city, State and zip code of the lobbying registrant under the Lobbying Disclosure Act of 1995 engaged by the reporting entity identified in item 4 to influence the covered Federal action.  
  
(b) Enter the full names of the individual(s) performing services, and include full address if different from 10 (a). Enter Last Name, First Name, and Middle Initial (MI).
11. The certifying official shall sign and date the form, print his/her name, title, and telephone number.

According to the Paperwork Reduction Act, as amended, no persons are required to respond to a collection of information unless it displays a valid OMB Control Number. The valid OMB control number for this information collection is OMB No. 0348-0046. Public reporting burden for this collection of information is estimated to average 10 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0046), Washington, DC 20503.

**4.0**

**PROMPT PAY PROVISION**



## **CONSTRUCTION AND PROFESSIONAL SERVICES/DESIGN CONTRACTS PROMPT PAY AND PAYMENT REPORTING PROVISIONS**

**(09/20/2016)**

### **MEASUREMENTS AND PAYMENT:**

#### **Partial Payments:**

If satisfactory progress is being made, the contractor will receive a payment based on the amount of work completed. Progress payments may be made by the LPA/ Subrecipient Procurement Office to the contractor on the basis of an approved estimate of the work performed during a preceding period of time. The progress payments shall be paid on or before 14 days after the estimate of the work is approved. The estimate of the work shall be deemed received by the LPA/Subrecipient Procurement Office on submission to the person designated by the LPA/Subrecipient Procurement Office for the submission, review or approval of the estimate of the work. The LPA/Subrecipient Procurement Office by mutual agreement may make progress payments on contracts of less than 90 days and shall make monthly progress payments on all other contracts. Payment to the contractor on the basis of a duly certified and approved estimate of the work performed during the preceding calendar month under the contract may include payment for material and equipment.

An estimate of the work submitted shall be deemed approved and certified for payment after seven days from the date of submission unless before that time the LPA/Subrecipient Procurement Office or Designee prepares and issues a specific written finding setting forth those items in detail in the estimate of the work that are not approved for payment under the contract. The contractor shall work with the LPA/Subrecipient or the LPA/Subrecipient Designee to finalize monthly estimate. The progress payments shall be paid on or before 14 days after the estimate of the work is certified and approved in accordance with Arizona Revised Statutes Section 34-221.

The contractor shall pay to the contractor's subcontractors or material suppliers and each subcontractor shall pay to the subcontractor's subcontractor or material supplier, within seven days of receipt of each progress payment the respective amounts allowed the contractor or subcontractor on account of the work performed by the subcontractors, to the extent of each subcontractor's interest, except that no contract for construction services may materially alter the rights of any contractor, subcontractor or material supplier to receive prompt and timely payment.

A subcontractor may notify the LPA/Subrecipient Procurement Office in writing requesting that the subcontractor be notified by the Subrecipient Procurement Office in writing within five days from payment of each progress payment made to the contractor.

## **Subcontractor Payments:**

### **(1) Retention:**

If the prime contract does not provide for retention, the contractor and each subcontractor of any tier shall not withhold retention on any subcontract. If the prime contract provides for retention, the prime contractor and each subcontractor of any tier shall not retain a higher percentage than the LPA/Subrecipient may retain under the prime contract.

### **(2) No Set-offs Arising from Other Contracts:**

If a subcontractor is performing work on multiple contracts for the same contractor or subcontractor of any tier, the contractor or subcontractor of any tier shall not withhold or reduce payment from its subcontractors on the contract because of disputes or claims on another contract.

### **(3) Partial Payment:**

The contractor and each subcontractor of any tier shall make prompt partial payments to its subcontractors within seven days of receipt of payment from the LPA/Subrecipient Procurement Office. Notwithstanding any provision of Arizona Revised Statutes Section 34-221, the parties may not agree otherwise.

### **(4) Final Payment:**

The contractor and each subcontractor of any tier shall make prompt final payment to each of its subcontractors. The contractor and each subcontractor of any tier shall pay all monies, including retention, due to its subcontractor within seven days of receipt of payment. Notwithstanding any provision of Arizona Revised Statutes Section 34-221, the parties may not agree otherwise.

### **(5) Payment Reporting:**

For the purposes of this subsection "Reportable Contracts" means any subcontract, of any tier, DBE or non-DBE, by which work shall be performed on behalf of the contractor and any contract of any tier with a DBE material supplier.

The requirements of this subsection apply to all Reportable Contracts.

Payment Reporting for all Reportable Contracts shall be done through the LPA DBE System which can be accessed at AZ UTRACS on the Arizona Transportation Business Portal at [www.azutracs.com](http://www.azutracs.com). No later than fifteen calendar days after the preconstruction conference, the contractor shall log into the system and enter or verify the name, contact information, and subcontract amounts for Reportable Contracts on the project. As Reportable Contracts are approved over the course of the contract, the contractor shall enter the subcontractor information in the LPA DBE System. Reportable contracts information shall be entered into

the system no later than five calendar days after approval by the LPA/Subrecipient Procurement Office.

The contractor shall report on a monthly basis indicating the amounts actually paid and the dates of each payment under any Reportable Contract on the project. The contractor shall provide information for payments made on all Reportable Contracts during the previous month by the last day of the current month. In the event that no payments were made during a given month, the contractor shall identify that by entering a dollar value of zero. If the contractor does not pay the full amount of any invoice from a subcontractor, the contractor shall note that and provide the reasons in the comment section of the Monthly Payment Audit of the LPA DBE System.

In addition, the contractor shall require that all participants in any Reportable Contract electronically verify receipt of payment on the contract within 15 days of receipt of electronic payment notification and the contractor shall actively monitor the system to ensure that the verifications are input. The contractor shall proactively work to resolve any payment discrepancies in the system between payment amounts it reports and payment confirmation amounts reported by others.

The contractor shall ensure that all Reportable Contract payment activity is in the LPA DBE System. This includes all lower-tier Reportable Contracts.

The contractor shall maintain records for each payment explaining the amount requested by the subcontractor, and the amount actually paid pursuant to the request, which may include but are not limited to, estimates, invoices, pay requests, copies of checks or wire transfers, and lien waivers in support of the monthly payments in the system.

The contractor shall ensure that a copy of this Subsection is included in every Reportable Contract of every tier.

**(a) Sanctions for Inadequate Reporting:**

For each Reportable Contract on which the contractor fails to submit timely and complete payment information the LPA/Subrecipient Procurement Office will retain \$1,000.00 as liquidated damages, from the monies due to the contractor. Liquidated damages will be deducted each month for each Reportable Contract on which the contractor fails to submit payment information until the contractor provides the required information as described herein. After 90 consecutive days of non-reporting, the liquidated damages will increase to \$2,000.00 for each subsequent month, for each Reportable Contract on which the contractor fails to report until the information is provided. These liquidated damages shall be in addition to all other retention or liquidated damages provided for elsewhere in the contract.

**(6) Completion of Work:**

A subcontractor's work is satisfactorily completed when all the tasks called for in the subcontract have been accomplished, documented, and accepted by the LPA/Subrecipient Procurement Office.

## **(7) Disputes:**

If there is a discrepancy between what is reported by the contractor in the LPA DBE System and what the subcontractor indicates, an alert email will automatically be sent to the contractor. The email will be sent to the email address provided by the contractor in the LPA DBE System. It is the contractor's responsibility to ensure that the email address in the system is kept current.

The contractor shall provide a verifiable explanation of the discrepancy in the LPA DBE System as early as practicable but in no case later than seven days after the date of the alert email.

The LPA/Subrecipient will determine whether the contractor has acted in good faith concerning any such explanations. The LPA/Subrecipient and ADOT BECO reserves the right to request and receive documents from the contractor and all subcontractors of any tier, in order to determine whether prompt payment requirements are met.

The contractor shall implement and use the dispute resolution process outlined in the subcontract or by following the LPA/Subrecipient escalation process, to resolve payment disputes.

## **(8) Non-compliance:**

Failure to make prompt partial payment, or prompt final payment including any retention, within the time frames established above, will result in remedies, as the LPA/Subrecipient Procurement Office deems appropriate, which may include but are not limited to:

- (a) Liquidated Damages:** These liquidated damages shall be in addition to all other retention or liquidated damages provided for elsewhere in the contract.
  - (i) The LPA/Subrecipient Procurement Office will withhold two times the disputed dollar amount not paid to each subcontractor.
  - (ii) If full payment is made within 30 days of the LPA/Subrecipient Procurement Office's payment to the contractor, the amount withheld by the LPA/Subrecipient Procurement Office will be released.
  - (iii) If full payment is made after 30 days of the LPA/Subrecipient Procurement Office's payment to the contractor, the LPA/Subrecipient Procurement Office will release 75 percent of the funds withheld. The LPA/Subrecipient Procurement Office will retain 25 percent of the monies withheld as liquidated damages.
- (b) Additional Remedies.** If the contractor fails to make prompt payment for three consecutive months, or any four months over the course of one

project, or if the contractor fails to make prompt payment on two or more projects within 24 months, the LPA/Subrecipient Procurement Office may, in addition, invoke the following remedies:

- (i) Withhold monthly progress payments until the issue is resolved and full payment has been made to all subcontractors, subject to the liquidated damages described in paragraph (a) above,
- (ii) Terminate the contract for default,
- (iii) Disqualify the contractor from future bidding, temporarily or permanently, depending on the number and severity of violations, if applicable.

In determining whether liquidated damages will be assessed, the extent of the liquidated damages, or additional remedies assessed, the LPA/Subrecipient will consider whether there have been other violations on this or other federal-aid contracts, whether the failure to make prompt payment was due to circumstances beyond the contractor's control, and other circumstances. The contractor may, within 15 calendar days of receipt of the decision of the LPA/Subrecipient, escalate the decision according to the contract's escalation process.

## **5.0**

### **TITLE VI**

TITLE VI ASSURANCE

TITLE VI APPENDIX A

TITLE VI APPENDIX E

**Local Public Agency/ MPO or COG**  
**Title VI Assurances**

The **City of Chandler** (herein referred to as the "Recipient"), HEREBY AGREES THAT, as a condition to receiving any Federal financial assistance from the U.S. Department of Transportation (DOT), through *Federal Highway Administration and Arizona Department of Transportation*, is subject to and will comply with the following:

**Statutory/Regulatory Authorities**

- Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d *et seq.*, 78 stat. 252), (prohibits discrimination on the basis of race, color, national origin);
- 49 C.F.R. Part 21 (entitled *Non-discrimination In Federally-Assisted Programs Of The Department Of Transportation--Effectuation Of Title VI Of The Civil Rights Act Of 1964*);
- 28 C.F.R. section 50.3 (U.S. Department of Justice Guidelines for Enforcement of Title VI of the Civil Rights Act of 1964);
- 23 C.F.R. Part 200 Subchapter C-Civil Rights (Title VI program implementation and related statutes)

The preceding statutory and regulatory cites hereinafter are referred to as the "Acts" and "Regulations," respectively.

**General Assurances**

In accordance with the Acts, the Regulations, and other pertinent directives, circulars, policy, memoranda and/or guidance, the Recipient hereby gives assurances that it will promptly take any measures necessary to ensure that:

*"No person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity," for which the Recipient receives Federal financial assistance from DOT, including the Federal Highway Administration.*

The Civil Rights Restoration Act of 1987 clarified the original intent of Congress, with respect to Title VI and other Non-discrimination requirements (The Age Discrimination Act of 1975, and Section 504 of the Rehabilitation Act of 1973), by restoring the broad, institutional-wide scope and coverage of these non-discrimination statutes and requirements to include all programs and activities of the Recipient, so long as any portion of the program is Federally assisted.

**Specific Assurances**

More specifically, and without limiting the above general Assurance, the Recipient agrees with and gives the following Assurances with respect to its *Federal Aid Highway Program*.

1. The Recipient agrees that each "activity," "facility," or "program," as defined in §§ 21.23 (b) and 21.23 (e) of 49 C.F.R. § 21 will be (with regard to an "activity") facilitated, or will be (with regard to a "facility") operated, or will be (with regard to a "program") conducted in compliance with all requirements imposed by, or pursuant to the Acts and the Regulations.

2. The Recipient will insert the following notification in all solicitations for bids, Requests For Proposals for work, or material subject to the Acts and the Regulations made in connection with all *Federal Aid Highway Program* and, in adapted form, in all proposals for negotiated agreements regardless of finding source:

*"The City of Chandler, in accordance with the provisions of Title VI of the Civil Rights Act of 1964 (78 Stat. 252.42 U.S.C. §§ 2000d-4) and the Regulations, hereby notifies all bidders that it will affirmatively ensure that any contract entered into pursuant to this advertisement, disadvantaged business enterprises will be afforded full and fair opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, or national origin in consideration for an award."*

3. The Recipient will insert the clauses of Appendix A and E of this Assurance in every contract or agreement subject to the Acts and the Regulations.

4. The Recipient will insert the clauses of Appendix B of this Assurance, as a covenant running with the land, in any deed from the United States effecting or recording a transfer of real property, structures, use, or improvements thereon or interest therein to a Recipient.

5. That where the Recipient receives Federal financial assistance to a construct a facility or part of a facility, the Assurance will extend to the entire facility and facilities operated in connection therewith.

6. That where the Recipient receives Federal financial assistance in the form, or for the acquisition of real property or an interest in real property, the Assurance will extend to rights to space on, over, or under such property.

7. That the Recipient will include the clauses set forth in Appendix C and Appendix D of this Assurance, as a covenant running with the land, in any future deeds, leases, licenses, permits, or similar instruments entered into by the Recipient with other parties:

a. for the subsequent transfer of real property acquired or improved under the applicable activity, project, or program; and

b. for the construction or use of, or access to, space on, over, or under real property acquired or improved under the applicable activity, project or program.

8. That this Assurance obligates the Recipient for the period during which Federal financial assistance is extended to the program, except where the Federal financial assistance is to provide, or is in the form of, personal property, or real property, or interest therein, or structures or improvements thereon, in which case the Assurance obligates the Recipient, or any transference for the longer of the following periods:



- a. the period during which the property is used for a purpose for which the Federal financial assistance is extended, or for another purpose involving the provision of similar services or benefits; or
- b. the period during which the Recipient retains ownership or possession of the property.

9. The Recipient will provide for such methods of administration for the program as are found by the Secretary of Transportation or the official whom he/she delegates specific authority to give reasonable guarantee that it, other recipients, sub-recipients, sub-grantees, contractors, subcontractors, consultants, transferees, successors in interest, and other participants of Federal financial assistance under such program will comply with all requirements imposed or pursuant to the Acts, the Regulations, and this Assurance.

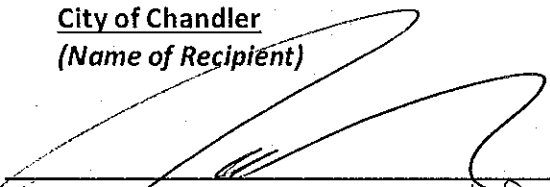
10. The Recipient agrees that the United States has a right to seek judicial enforcement with regard to any matter arising under the Acts, the Regulations, and this Assurance.

By signing this ASSURANCE, The City of Chandler also agrees to comply (and require any sub-recipients, sub-grantees, contractors, successors, transferees, and/or assignees to comply) with all applicable provisions governing *Federal Highway Administration or Arizona Department of Transportation* access to records, accounts, documents, information, facilities, and staff. You also recognize that you must comply with any program or compliance reviews, and/or complaint investigations conducted by the *Federal Highway Administration or Arizona Department of Transportation*. You must keep records, reports, and submit the material for review upon request to *Federal Highway Administration, Arizona Department of Transportation*, or its designee in timely, complete, and accurate way. Additionally, you must comply with all other reporting, data collection, and evaluation requirements, as prescribed by law or detailed in program guidance.

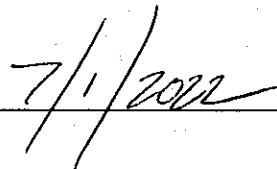
The **City of Chandler** gives this ASSURANCE in consideration of and for obtaining any Federal grants, loans, contracts, agreements, property, and/or discounts, or other Federal-aid and Federal financial assistance extended after the date hereof to the recipients by the U.S. Department of Transportation under the *Federal Highway Administration and Arizona Department of Transportation*. This ASSURANCE is binding on Arizona, other recipients, sub-recipients, sub-grantees, contractors, subcontractors and their subcontractors', transferees, successors in interest, and any other participants in the *Federal Aid Highway Program* the person(s) signing below is authorized to sign this ASSURANCE on behalf of the Recipient.

City of Chandler  
(Name of Recipient)

By

  
John Knudson PWA Director

DATED

  
7/1/2022

## APPENDIX A

During the performance of this contract, the contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the "contractor") agrees as follows:

1. **Compliance with Regulations:** The contractor (hereinafter includes consultants) will comply with the Acts and the Regulations relative to Non-discrimination in Federally-assisted programs of the U.S. Department of Transportation, *Federal Highway Administration or the Arizona Department of Transportation*, as they may be amended from time to time, which are herein incorporated by reference and made a part of this contract.
2. **Non-discrimination:** The contractor, with regard to the work performance by it during the contract, will not discriminate on the grounds of race, color, or national origin in the selection and retention of subcontractors, including procurements of materials and leases of equipment. The contractor will not participate directly or indirectly in the discrimination prohibited by the Acts and the Regulations, including employment practices when the contract covers any activity, project, or program set forth in Appendix B of 49 CFR Part 21.
3. **Solicitations for Subcontracts, Including Procurements of Materials and Equipment:** In all solicitations, either by competitive bidding, or negotiation made by the contractor for work to be performed under a subcontract, including procurements of materials, or leases of equipment, each potential subcontractor or supplier will be notified by the contractor of the contractor's obligations under this contract and the Acts and Regulations relative to Non-discrimination on the grounds of race, color, or national origin.
4. **Information and Reports:** The contractor will provide all information and reports required by the Acts, the Regulations, and directives issued pursuant thereto and will permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the Recipient, the *Federal Highway Administration or Arizona Department of Transportation* to be pertinent to ascertain compliance with such Acts, Regulations, and instructions. Where any information required of a contractor is in the exclusive possession of another who fails or refuses to furnish the information, the contractor will so certify to the Recipient, the *Federal Highway Administration, or Arizona Department of Transportation*, as appropriate, and will set forth what efforts it has made to obtain the information.
5. **Sanctions for Noncompliance:** In the event of a contractor's noncompliance with the Non-discrimination provisions of this contract, the Recipient will impose such contract sanctions as it or the *Federal Highway Administration or Arizona Department of Transportation*, may determine to be appropriate, including, but not limited to:
  - a. withholding payments to the contractor under the contract until the contractor complies; and/or
  - b. cancelling, terminating, or suspending a contract, in whole or in part.
6. **Incorporation of Provisions:** The contractor will include the provisions of paragraphs one through six in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Acts, the Regulations and directives issued pursuant thereto. The contractor will take action with request to any subcontract or procurement as the Recipient, the *Federal Highway Administration, or Arizona Department of Transportation* may direct as a means of enforcing such provisions including sanctions for noncompliance. Provided, that if the contractor becomes involved in, or is threatened with litigation by a subcontractor or supplier because of such direction, the contractor may request the Recipient to enter into any litigation to protect the interests of the Recipient. In addition, the contractor may request the United States to enter into the litigation to protect the interests of the United States.

## APPENDIX E

During the performance of this contract, the contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the "contractor") agrees to comply with the following non-discrimination statutes and authorities; including but not limited to:

### Pertinent Non-Discrimination Authorities:

- Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d *et seq.*, 78 stat. 252), (prohibits discrimination on the basis of race, color, national origin); and 49 CFR Part 21.
- The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42 U.S.C. § 4601), (prohibits unfair treatment of persons displaced or whose property has been acquired because of Federal or Federal-aid programs and projects);
- Federal-Aid Highway Act of 1973, (23 U.S.C. § 324 *et seq.*), (prohibits discrimination on the basis of sex);
- Section 504 of the Rehabilitation Act of 1973, (29 U.S.C. § 794 *et seq.*), as amended, (prohibits discrimination on the basis of disability); and 49 CFR Part 27;
- The Age Discrimination Act of 1975, as amended, (42 U.S.C. § 6101 *et seq.*), (prohibits discrimination on the basis of age);
- Airport and Airway Improvement Act of 1982, (49 USC § 471, Section 47123), as amended, (prohibits discrimination based on race, creed, color, national origin, or sex);
- The Civil Rights Restoration Act of 1987, (PL 100-209), (Broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, The Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms "programs or activities" to include all of the programs or activities of the Federal-aid recipients, sub-recipients and contractors, whether such programs or activities are Federally funded or not);
- Titles II and III of the Americans with Disabilities Act, which prohibit discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities (42 U.S.C. §§ 12131-12189) as implemented by Department of Transportation regulations at 49 C.F.R. parts 37 and 38;
- The Federal Aviation Administration's Non-discrimination statute (49 U.S.C. § 47123) (prohibits discrimination on the basis of race, color, national origin, and sex);
- Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, which ensures discrimination against minority populations by discouraging programs, policies, and activities with disproportionately high and adverse human health or environmental effects on minority and low-income populations;
- Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency, and resulting agency guidance, national origin discrimination includes discrimination because of limited English proficiency (LEP). To ensure compliance with Title VI, you must take reasonable steps to ensure that LEP persons have meaningful access to your programs (70 Fed. Reg. at 74087 to 74100);
- Title IX of the Education Amendments of 1972, as amended, which prohibits you from discriminating because of sex in education programs or activities (20 U.S.C. 1687 *et seq.*).

## **6.0**

### **RECORDS RETENTION**

**RECORDS RETENTION**  
**Contractor and Subcontractor Project Records**  
**(Reference to A.R.S.35-214)**

The contractor, subcontractors and all suppliers shall keep and maintain all books, papers, records, files, accounts, reports, bid documents with backup data, including electronic data, and all other material relating to the contract and project for five (5) years following completion and acceptance of the work.

All of the above material shall be made available for auditing, inspection, and copying and shall be produced upon request to the Agency.

The City of Chandler – Capital Projects  
215 E Buffalo Street, Mail Stop 407  
Chandler, Arizona 85225.

The contractor shall insert the above requirement in each subcontract purchase order and lease agreement and shall also include in all subcontracts, a clause requiring subcontractors to include the above requirement in any lower-tier subcontract, purchase order, or lease agreement.

**7.0**

**FEDERAL IMMIGRATION**

**AND**

**NATIONALITY ACT**

**Federal Immigration and Nationality Act**  
**(Reference to Arizona Executive Order 2005-30)**

The contractor, including all subcontractors, shall comply with all federal, state and local immigration laws and regulations, as set forth in Arizona Executive Order 2005-30, relating to the immigration status of their employees who perform services on the contract during the duration of the contract. The Agency (City of Chandler) shall retain the right to perform random audits of contractor and subcontractor records or to inspect papers of any employee thereof to ensure compliance.

By submission of a bid, the contractor warrants that the contractor and all proposed subcontractors are and shall remain in compliance with all federal, state, and local immigration laws and regulations relating to the immigration status of their employees who perform services on the contract. The Agency may, at its sole discretion, require evidence of compliance from the contractor or subcontractor. Should the Agency request evidence of compliance, the contractor or subcontractor shall have ten (10) working days from receipt of the request to supply adequate information. The Department and Agency (City of Chandler) will accept, as evidence of compliance, a showing by the contractor or subcontractor, that it has followed the employment verification provisions of the Federal Immigration and Nationality Act as set forth in Sections 274A and 274B of that Act, including implementation of regulations and agreements between the Department of Homeland Security and the Social Security Administration's verification service. The contractor shall include the requirements of this provision in all subcontracts for this project.

Failure to comply with the immigration laws or to submit proof of compliance constitutes a material breach of contract. The Agency will recue the contractor's compensation by \$10,000 for the initial instance of non-compliance by the contractor or a subcontractor. Should the same contractor or subcontractor commit subsequent violations within a two (2) year time period from the initial violation, the contractor's compensation will be reduced by \$50,000 for each violation. The third instance by the same contractor or subcontractor within a two (2) year period may result, in addition to the \$50,000 reduction in compensation, in removal of the offending contractor or subcontractor, suspension of work in whole or in part or, in the case of a third violation by the contractor, termination of the contract for default in addition, the Department may debar a contractor or subcontractor who has committed three (3) violations within a two (2) year period for up to one (1) year. For purposes of this paragraph, a violation by a subcontractor does not count as a violation by the contractor.

Any delay resulting from a sanction under this subsection is a non-excusable delay. The contractor is not entitled to any compensation or extension of time for any delays or additional costs resulting from a sanction under this subsection.

## 8.0

### BUY AMERICA REQUIREMENTS

**On May 14, 2022 - Build America, Buy America:** This new law governs domestic preferences for iron and steel, manufactured products and construction materials for infrastructure projects that use federal dollars for funding.



**BUY AMERICA / BUILD AMERICA BUY AMERICA / MATERIAL CERTIFICATION**  
**REQUIREMENTS**  
**For City of Chandler Federal Funded Projects Per FHWA**

**The City of Chandler will follow Buy America requirements and the Build America Buy America requirements.**

**A. REGULATIONS**

1. FHWA - BUY AMERICA AND THE NEW BUILD AMERICA, BUY AMERICA REGULATION EFFECTIVE NOVEMBER 1, 2022.

[https://www.transportation.gov/sites/dot.gov/files/docs/buy\\_america\\_provisions\\_side\\_by\\_side.pdf](https://www.transportation.gov/sites/dot.gov/files/docs/buy_america_provisions_side_by_side.pdf)

Federal Highway Administration (FHWA) - 23 U.S.C. § 313 – Buy America; 23 C.F.R. § 635.410

*The Secretary of Transportation shall not obligate any funds unless steel, iron, and manufactured products used in such project are produced in the United States.*

2. MAG SPECIFICATION SECTION 106.2.1
3. ADOT SPECIFICATION 106, 106.05 AND 106.15

**B. PROCEDURE FOR MATERIAL CERTIFICATION REQUIREMENTS – CITY OF CHANDLER**

1. All material for a federal funded project must have a material certification.
2. All material delivered to jobsite must be accompanied by a material certification.
3. Material Certifications must be submitted to the City of Chandler representative for review and approval and is not deemed accepted until City of Chandler representative approval.
4. Buy America Material – All Iron and Steel products. (See Item A above)
5. Buy America Material Installation: All Buy America Iron and Steel Products **MUST NOT be installed without Material Certification received and approval from City of Chandler.**
6. All non-Buy America Material Installation: All non-Buy America material, if installed without material certification receipt and approval is at the Prime Contractor's risk and WILL NOT BE PAID until approval of material certification for that material.

**C. MATERIAL CERTIFICATIONS – Every Material Certification must have the following– Items 1-11**

1. Project Name
2. City Project Number
3. Federal Project Number
4. ADOT Number (previously known as Tracs Number) (if FHWA funded project)
5. Supplier Information: Name, Address, Telephone Number
6. Description of the material supplied
7. Quantity of material represented by the certificate
8. Means of material identification, such as label, lot number, or marking
9. A Statement that the material complies in all respects with the requirements of the cited specifications. Certificates shall state compliance with the cited specification, such as AASHTO M 320, ASTM C 494; or specific table or subsection of the Arizona Department of Transportation Standard Specifications or Special Provisions. Certificates may cite both, if applicable.
10. Authorization Signature Statement: A statement that the individual signing has the legal authority to bind the manufacturer or the supplier of the material.
11. The name, title, signature, and date of signature of the signing-responsible individual.
12. Statement that that Federal Requirements for Buy America / BABA have been followed.

**SECTION 106 CONTROL OF MATERIALS: of the Standard Specification is modified to add:**

**106.17 Construction Materials**

A construction material, when used on a federal-aid construction project shall comply with the requirements of Build America Buy America (BABA) Act specific in Title IX, Subtitle A, Part 1, Sections 70901 and 70911-70918 of the Infrastructure Investment and Job Act (ILJA).

A ‘construction material’ that is permanently incorporated on the project shall include an article, material, or supply that is or consists primarily of the following:

- Non-ferrous metals;
- Plastic and polymer-based products (including polyvinylchloride, composite building materials, and polymers used in fiber optic cables);
- Glass (including optic glass);
- Lumber; or
- Drywall

Items manufactured through a combination of either two or more materials listed above, or at least one of the materials list above and a material not listed shall be considered as a manufactured product, rather than as a construction material.

Build America Buy America provisions specified for manufactured products in Section 70912(6)(B) of the ILJA, do not apply to federal-aid construction projects per FHQWA's existing statutory requirement applicable to manufactured products. A “manufactured product” is considered to be an item that undergoes one or more manufacturing processes before the item can be used on a federal-aid construction project.

Construction materials shall not include cement and cementitious materials; bituminous materials; aggregates such as stone, sand, or gravel; or aggregate binding agents or additives.

All construction materials shall be produced in the United States. This means, all manufacturing processes to produce the construction materials shall occur in the United States. All manufacturing processes for construction materials shall mean the final manufacturing process and the immediately preceding manufacturing stage for the construction material.

The contractor shall furnish the Engineer with Certificate of Compliance, conforming to the requirements of Subsection 106.05 of the ADOT specifications, which shall state that the construction materials incorporated in the project meet the requirements specified herein.

Certificates of Compliance shall also certify that all manufacturing processes to produce construction materials occurred in the United States.

Convict-produced materials are prohibited in accordance with the requirements of 23 CFR 635.417.

## Bipartisan Infrastructure Law – Build America, Buy America Act

### Questions and Answers

Updated 2/1/2023

*Except for any statutes and regulations cited, the contents of this document do not have the force and effect of law and are not meant to bind States or the public in any way. This document is intended only to provide clarity regarding existing requirements under the law or agency policies.*

#### 1. What does the Build America, Buy America Act (BABA or the Act) require?

The BABA, part of the Bipartisan Infrastructure Law (BIL), enacted as the Infrastructure Investment and Jobs Act, Pub. L. 117-58 (Nov. 15, 2021), establishes several procedural and substantive requirements with respect to Buy America.

The procedural requirements under BABA, generally focused on Buy America implementation, include requirements for agencies to review existing Buy America preference requirements, submit reports to the Office of Management and Budget (OMB) and to Congress, review waivers of general applicability, and coordinate with the Made in America Office (MIAO) within OMB in the processing of waivers. See BABA Sections 70913(a) and (b); 70914(d); and 70923(b).

The substantive requirements under BABA include a Buy America preference that all Federal agencies must apply to any Federal financial assistance program for infrastructure that is not already subject to existing Buy America requirements for the relevant categories. See BABA Sections 70914(a) and 70917(a).

#### 2. Do FHWA's existing requirements for steel/iron items and manufactured products continue to apply?

Yes. BABA Section 70917(a) provides that the Buy America requirements under Section 70914 apply only to the extent that Federal agencies do not already apply a Buy America preference as described in Section 70914 to steel, iron, manufactured products, and construction materials. This provision clarifies that Section 70914 of the Act does not supplant FHWA's existing Buy America policies and provisions that meet or exceed the standards required by the Act, such as its requirements for iron and steel under 23 U.S.C. 313. BABA Section 70914(d) also provides a process for reviewing existing waivers of general applicability, such as FHWA's general waiver for manufactured products.

#### 3. Does BABA require the application of Buy America to any new categories of products for Federal-aid highway projects?

Yes. BABA Section 70914(a) requires FHWA to extend coverage of Buy America to "construction materials." Since 23 U.S.C. 313 does not specifically apply to construction materials, the BABA requirements for construction materials apply to Federal-aid highway projects.

#### Contact

- **Edwin Okonkwo**  
[Office of Preconstruction,](#)  
[Construction and Pavements](#)  
202-366-1558  
[E-mail Edwin](#)

#### 4. What guidance is available concerning the application of Buy America to construction materials?

On April 18, 2022, OMB issued Memorandum M-22-11 titled "Initial Implementation Guidance on Application of Buy America Preference in Federal Financial Assistance Programs for Infrastructure." The Memorandum provides initial guidance on the implementation of BABA, including preliminary guidance addressing the requirement at BABA Section 70915(b) for OMB to define the term "all manufacturing processes" for construction materials. This Memorandum can be found at: <https://www.whitehouse.gov/wp-content/uploads/2022/04/M-22-11.pdf>.

#### 5. When did the BABA requirement for construction materials become effective on Federal-aid highway projects?

BABA Section 70914(a) provided that the new domestic preference requirements (including the requirement for construction materials) would become effective on May 14, 2022, which is 180 days after the date of enactment of the Act. However, DOT also issued a temporary transitional waiver of the BABA construction materials requirement to allow a reasonable adjustment period for recipients of DOT financial assistance — including States, local communities, Tribal nations, and industrial vendors — to develop and transition to new compliance and certification processes for construction materials. See <https://www.transportation.gov/regulations/temporary-waiver-buy-america-requirements-construction-materials>. The Temporary Construction Materials Waiver is applicable to awards that were obligated on or after May 14, 2022, and before November 10, 2022.

#### 6. What is a construction material?

According to preliminary guidance in OMB Memorandum M-22-11, "construction materials" includes an article, material, or supply — other than an item of primarily iron or steel; a manufactured product; cement and cementitious materials; aggregates such as stone, sand, or gravel; or aggregate binding agents or additives — that is or consists primarily of:

- non-ferrous metals;
- plastic and polymer-based products (including polyvinylchloride, composite building materials, and polymers used in fiber optic cables);
- glass (including optic glass);
- lumber; or
- drywall.

#### 7. What are the Buy America standards that apply to the manufacturing process for construction materials?

According to OMB Memorandum M-22-11, pending issuance of final standards, agencies should consider "all manufacturing processes" for construction materials to include at least the final manufacturing process and the immediately preceding manufacturing stage for the construction material.

OMB Memorandum M-22-11 is preliminary guidance. OMB has sought additional stakeholder input and will be issuing further guidance identifying which products should be considered construction materials and the manufacturing processes that should be considered as part of "all manufacturing processes" for those products. FHWA plans to issue updated guidance once OMB has finalized its guidance.

**9.0**

**DBE EPRISE**

**FOR CONTRACTS WITH DBE GOAL**

**(RACE CONSCIOUS)**

## **PROFESSIONAL SERVICES DBE PROVISIONS**

(PROJECT SPECIFIC - CONTRACTS)  
FOR USE ON LPA/SUBRECIPIENT FEDERAL AID PROJECTS WITH DBE GOALS

**(LPA PS EPRISE, 6/23/2016)**

### **DISADVANTAGED BUSINESS ENTERPRISES:**

#### **1.0 Policy:**

The Arizona Department of Transportation (hereinafter the Department) has established a Disadvantaged Business Enterprise (DBE) program in accordance with the regulations of the U.S. Department of Transportation (USDOT), 49 CFR Part 26. The Department has received Federal financial assistance from the U.S. Department of Transportation and as a condition of receiving this assistance, the Department has signed an assurance that it will comply with 49 CFR Part 26.

It is the policy of the Department to ensure that DBEs, as defined in Part 26, have an equal opportunity to receive and participate in USDOT-assisted contracts. It is also the policy of the Department:

1. To ensure nondiscrimination in the award and administration of USDOT-assisted contracts;
2. To create a level playing field on which DBEs can compete fairly for USDOT-assisted contracts;
3. To ensure that the DBE program is narrowly tailored in accordance with applicable law;
4. To ensure that only firms that fully meet 49 CFR Part 26 eligibility standards are counted as DBEs;
5. To help remove barriers to the participation of DBEs in USDOT-assisted contracts;
6. To assist in the development of firms that can compete successfully in the market place outside the DBE program; and
7. To promote the use of DBEs in all types of federally-assisted contracts and procurement activities.

It is also the policy of the Department to facilitate and encourage participation of Small Business Concerns (SBCs), as defined in Subsection 3.0, in USDOT-assisted contracts. The Department encourages consultants to take reasonable steps to eliminate obstacles to SBCs' participation and to utilize SBCs in performing contracts.

Local Public Agencies (LPA) and or Subrecipients of Federal financial assistance will administer and manage the contracts from advertising, consultant selection, negotiation, contract execution, processing payment reports and contract modifications, audits, DBE compliance (e.g., reporting and monitoring) through contract closeout.

## 2.0 Assurances of Non-Discrimination:

The consultant, subrecipient, or subconsultant shall not discriminate on the basis of race, color, sex or national origin in the performance of this contract. The consultant shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of DOT-assisted contracts. Failure by the consultant to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the the LPA/Subrecipient with the Department's concurrence deems appropriate, which may include, but are not limited to:

1. Withholding monthly progress payments;
2. Assessing sanctions;
3. Liquidated damages;
4. Disqualifying the consultant from submitting SOQs, or any other forms of proposals, as non-responsible;
5. Cancellation, termination, or suspension of the Contract, in whole or in part.

The consultant, subrecipient, or subconsultant shall ensure that all subcontract agreements contain this non-discrimination assurance.

## 3.0 Definitions:

**(A) Commercially Useful Function (CUF):** Commercially Useful Function is defined fully in 49 CFR 26.55, which definition is incorporated herein by reference.

**(B) Committed DBE:** A DBE that was identified by the consultant, typically on a DBE Affidavit, to meet an assigned DBE goal as a condition of contract award and performance, and includes any substitute DBE that has subsequently been committed work to meet the assigned contract goal.

**(C) Disadvantaged Business Enterprise (DBE):** a for-profit small business concern which meets both of the following requirements:

- (1) Is at least 51 percent owned by one or more socially and economically disadvantaged individuals or, in the case of any publicly owned business, at least 51 percent of the stock is owned by one or more such individuals; and,
- (2) Whose management and daily business operations are controlled by one or more of the socially and economically disadvantaged individuals who own it.

**(D) NAICS Code:** The North American Industry Classification System (NAICS) is the standard used by Federal statistical agencies in classifying business establishments for the purpose of collecting, analyzing, and publishing statistical data related to the U.S. business economy.

**(E) Non-DBE:** any firm that is not a DBE.

**(F) Race-Conscious (RC):** a measure or program focused specifically on assisting only DBEs, including women-owned DBEs.

**(G) Race-Neutral (RN):** a measure or program used to assist all small businesses. For the purposes of this part, race-neutral includes gender-neutrality.

**(H) Small Business Concern (SBC):** a business that meets all of the following conditions:

- (1) Operates as a for-profit business registered to do business in Arizona;
- (2) Operates a place of business primarily within the U.S., or makes a significant contribution to the U.S. economy through payment of taxes or use of American products, materials, or labor;
- (3) Is independently owned and operated;
- (4) Is not dominant in its field on a national basis; and
- (5) Does not have annual gross receipts that exceed the Small Business Administration size standards average annual income criteria for its primary North American Industry Classification System (NAICS) code.

**(I) Socially and Economically Disadvantaged Individuals:** any individual who is a citizen (or lawfully admitted permanent resident) of the United States and who is:

- (1) Any individual who is found to be a socially and economically disadvantaged individual on a case-by-case basis.
- (2) Any individual in the following groups, members of which are rebuttably presumed to be socially and economically disadvantaged:
  - (i) "Black Americans," which includes persons having origins in any of the Black racial groups of Africa;
  - (ii) "Hispanic Americans," which includes persons of Mexican, Puerto Rican, Cuban, Dominican, Central or South American, or other Spanish or Portuguese culture or origin, regardless of race;
  - (iii) "Native Americans," which includes persons who are enrolled members of federally or State recognized Indian tribe, Alaskan Natives or Native Hawaiians;
  - (iv) "Asian-Pacific Americans," which includes persons whose origins are from Japan, China, Taiwan, Korea, Burma (Myanmar), Vietnam, Laos, Cambodia



(Kampuchea), Thailand, Malaysia, Indonesia, the Philippines, Brunei, Samoa, Guam, the U.S. Trust Territories of the Pacific Islands (Republic of Palau), the Republic of the Northern Marianas Islands, Macao, Fiji, Tonga, Kiribati, Tuvalu, Nauru, Federated States of Micronesia, or Hong Kong;

- (v) "Subcontinent Asian Americans," which includes persons whose origins are from India, Pakistan, Bangladesh, Bhutan, the Maldives Islands, Nepal or Sri Lanka;
- (vi) "Women;"
- (vii) Any additional groups whose members are designated as socially and economically disadvantaged by the Small Business Administration (SBA), at such time as the SBA designation becomes effective.

#### **4.0 Working with DBEs:**

The Department works with DBEs and assists them in their efforts to participate in the highway construction program. All proposers should contact the Department's Business Engagement and Compliance Office (BECO) by phone, through email, or at the address shown below, for assistance in their efforts to use DBEs in the highway construction industry. BECO contact information is as follows:

Arizona Department of Transportation  
Business Engagement and Compliance Office  
1801 W. Jefferson St, Suite 101, Mail Drop 154A  
Phoenix, AZ 85007  
Phone (602) 712-7761  
FAX (602) 712-8429  
Email: [ContractorCompliance@azdot.gov](mailto:ContractorCompliance@azdot.gov)  
Website : [www.azdot.gov/bec](http://www.azdot.gov/bec)

##### **4.01 Mentor-Protégé Program**

The Department has established a Mentor-Protégé program as an initiative to encourage and develop disadvantaged businesses in the highway construction industry. The program encourages prime consultants to provide certain types of assistance to certified DBE subconsultants. ADOT encourages consultants and certified DBE subconsultants to engage in a Mentor-Protégé agreement under certain conditions. Such an agreement must be mutually beneficial to both parties and to ADOT in fulfilling requirements of 49 CFR Part 23. For guidance regarding this program refer to the Mentor-Protégé Program Guidelines available on the BECO website.

The Mentor-Protégé program is intended to increase legitimate DBE activities and is not intended to diminish nor circumvent existing DBE rules or regulations.

## **5.0 Applicability:**

The Department has established an overall annual goal for DBE participation on Federal-aid contracts. The Department intends for the goal to be met with a combination of race conscious efforts and race neutral efforts. Race conscious participation occurs when the consultant uses a percentage of DBEs, as defined herein, to meet the contract-specified goal. Race neutral efforts are those that are, or can be, used to assist all small businesses or increase opportunities for all small businesses. The regulation, 49 CFR 26, defines race neutral as when a DBE wins a prime contract through customary competitive procurement procedures or is awarded a subcontract on a prime contract that does not carry a DBE contract goal.

The consultant shall meet the goal specified herein with DBEs, or establish that it was unable to meet the goal despite making good faith efforts to do so. Prime consultants are encouraged to obtain DBE participation above and beyond any goals that may be set for this project.

The DBE provisions are applicable to all consultants including DBE consultants.

## **6.0 Certification and Registration:**

### **6.01 DBE Certification:**

Certification as a DBE shall be predicated on:

- (1) The completion and execution of an application for certification as a "Disadvantaged Business Enterprise."
- (2) The submission of documents pertaining to the firm(s) as stated in the application(s), including but not limited to a statement of social disadvantage and a personal financial statement.
- (3) The submission of any additional information which the Department or the applicable Arizona Unified Certification (UCP) agency may require to determine the firm's eligibility to participate in the DBE program.
- (4) The information obtained during the on-site visits to the offices of the firm and to active job-sites.

Applications for certification may be filed online with the Department or the applicable UCP agency at any time through the Arizona Unified Transportation Registration and Certification System (AZ UTRACS) website at <http://www.azutracs.com>.

DBE firms and firms seeking DBE certification shall cooperate fully with requests for information relevant to the certification process. Failure or refusal to provide such information is a ground for denial or removal of certification.

ADOT is a member of the AZ Unified Certification Program (AZUCP). Only DBE firms that are certified by the AZUCP are eligible for credit on ADOT projects. A list of DBE firms certified by AZUCP is available on the internet at <http://www.azutracs.com>. The list will indicate contact information and specialty for each DBE firm, and may be sorted in a variety of ways. However, ADOT does not guarantee the accuracy and/or completeness of this information, nor does ADOT represent that any licenses or registrations are appropriate for the work to be done.

The Department's certification of a DBE is not a representation of qualifications and/or abilities nor does it mean that a DBE firm is guaranteed or entitled to receive or be awarded a contract. Being certified simply means that a firm has met the criteria for DBE certification as outlined in 49 CFR Part 26. The consultant bears all risks of ensuring that DBE firms selected by the consultant are able to perform the work.

## **6.02 SBC Registration:**

To comply with 49 CFR Part 26.39, ADOT's DBE Program incorporates contracting requirements to facilitate participation by Small Business Concerns (SBCs) in federally assisted contracts. SBCs are for-profit businesses authorized to do businesses in Arizona that meet the Small Business Administration (SBA) size standards for average annual revenue criteria for its primary North American Industry Classification System (NAICS) code

While the SBC component of the DBE program does not require utilization of goals on projects, ADOT and the LPA/Subrecipient strongly encourages consultants to utilize small businesses that are registered in AZ UTRACS on their contracts, in addition to DBEs meeting the certification requirement. The consultant may use the AZ UTRACS website to search for certified DBEs and registered SBCs that can be used on the contract. However, SBCs that are not DBEs will not be counted toward the DBE contract goal.

SBCs can register online at the AZ UTRACS website.

The Department's registration of SBCs is not a representation of qualifications and/or abilities nor does it mean that an SBC firm is guaranteed or entitled to receive or be awarded a contract. Being SBC registered simply means that a firm has met the criteria for SBC registration as outlined in 49 CFR Part 26. The consultant bears all risks of ensuring that SBC firms selected by the consultant are able to perform the work.

## **7.0 DBE Financial Institutions:**

The Department thoroughly investigates the full extent of services offered by financial institutions owned and controlled by socially and economically disadvantaged individuals in its service area and makes reasonable efforts to use these institutions. The Department encourages prime consultants to use such institutions on USDOT assisted contracts. However, use of DBE financial institutions will not be counted toward the DBE contract goal.

The Department and the LPA/Subrecipient encourages prime consultants to research the Federal Reserve Board website at [www.federalreserve.gov](http://www.federalreserve.gov) to identify minority-owned banks in Arizona derived from the Consolidated Reports of Condition and Income filed quarterly by banks (FFIEC 031 and 041) and from other information on the Board's National Information Center database.

## **8.0 Time is of the Essence:**

### **TIME IS OF THE ESSENCE IN RESPECT TO THE DBE PROVISIONS**

## **9.0 Computation of Time:**

In computing any period of time described in this DBE special provision, such as calendar days, the day from which the period begins to run is not counted, and when the last day of the period is a Saturday, Sunday, Federal or State holiday, the period extends to the next day that is not a Saturday, Sunday, Federal or State holiday. In circumstances where the LPA/Subrecipient Procurement Office is closed for all or part of the last day, the period extends to the next day on which the LPA / Subrecipient Procurement Office is open.

## **10.0 Consultant and Subconsultant Requirements:**

### **10.01 General:**

The consultant shall establish a DBE program that will ensure nondiscrimination in the award and administration of contracts and subcontracts.

Agreements between the proposer and a DBE in which the DBE promises not to provide subcontracting quotations to other proposers are prohibited.

### **10.02 DBE Liaison:**

The consultant shall designate a DBE Liaison responsible for the administration of the consultant's DBE program. The name of the designated DBE Liaison shall be included on the DBE Intended Participation Affidavit Summary.

## **11.0 DBE Goal:**

The minimum goal for participation by DBEs on this project is as follows:

**3.67% Percent**

The percentage of DBE participation shall be based on the total dollar value of the contract.

Proposers are strongly encouraged to secure and include sufficient DBE firms on their team for multiple disciplines and work categories to ensure they can meet the DBE goal on the contract and for any Contract Modifications that are executed post-award. The DBE goal requirements

extend to additional dollars added by Contract Modification to help ensure that the overall DBE goal is met on the contract. Indicating there is no DBE firm on a prime proposer's team to meet the DBE goal on Contract Modifications does not meet the criteria for Good Faith Efforts in 49 CFR 26.53, and will not be accepted by the Department as Good Faith Efforts when Contract Modifications are issued. Since proposers have been notified of the DBE goal prior to the submittal of their Statement of Qualifications (SOQ) they are required to do their due diligence to secure enough DBE participation to meet the goal or make good faith efforts on the contract and each subsequent Contract Modification. Firms will be required to locate DBEs to meet the goal on each Contract Modification even if these DBEs were not originally included as part of their team, if the LPA/Subrecipient, with BECO concurrence, determines there are qualified DBEs available to complete portions of the work of the Contract Modification.

## **12.0 Submission with SOQ Proposals:**

### **12.01 DBE Assurance/Goal Declaration**

In order to be awarded this contract, in addition to all other pre-award requirements, all proposers are required to certify on the DBE Assurance Project Specific form provided by the LPA/Subrecipient that:

The proposer will meet the established DBE goal or will make good faith efforts to meet the goal and that arrangements with certified DBEs have been made prior to the SOQ and/or cost proposal submission.

Failure to affirmatively make this declaration/certification in the manner outlined in the Request for Qualifications (RFQ) furnished by the LPA/Subrecipient will cause a Proposer's SOQ to be considered non-responsive.

### **12.02 Bidders/Proposers List and AZ UTRACS Registration Requirement:**

Under Title 49 CFR of the Code of Federal Regulations, Part 26.11, DOTs are required to collect certain information from all consultants and subconsultants who seek to work on federally-assisted contracts in order to set overall and contract DBE goals. ADOT collects this information when firms register their companies on the Arizona Unified Transportation Registration and Certification System (AZ UTRACS) web portal at <http://www.azutracs.com/> a centralized database for companies that seek to do business with ADOT. This information will be maintained as confidential to the extent allowed by federal and state law.

Prime consultants and all subconsultants, including DBEs listed in the SOQ must be registered in AZ UTRACS. Proposers may verify that their firm and each subconsultant is registered using the AZ UTRACS website.

Proposers may obtain additional information at the AZ UTRACS website or by contacting the LPA/Subrecipient.

All proposers shall create a Bidders/Proposers list in the AZ UTRACS by selecting all firms, service providers, and vendors that expressed interest or submitted proposals or quotes for this contract. The Bidders/Proposers List form must be complete and must include the names for all subconsultants, service providers, and vendors that submitted proposals or quotes on this project regardless of the proposer's intentions to use the those firms on the project.

All proposers must complete and submit the Bidders/Proposers List online at AZ UTRACS prior to Cost Proposal submittal. A confirmation email will be generated by the system. This email confirmation shall be submitted with the Cost Proposal.

FAILURE TO SUBMIT THE REQUIRED BIDDERS/PROPOSERS LIST CONFIRMATION EMAIL WITH THE COST PROPOSAL BY THE STATED TIME AND IN THE MANNER HEREIN SPECIFIED AND AS OUTLINED IN THE RFQ SHALL BE CAUSE FOR THE PROPOSER'S COST PROPOSAL TO BE REJECTED.

### **13.0 DBE Cost Proposal Submissions:**

#### **13.01 DBE Intended Participation Affidavits:**

If the proposer indicates in the Cost Proposal submittal that it has met or exceeded the DBE goal, a DBE Intended Participation Affidavit form for each DBE firm, and the DBE Intended Participation Affidavit Summary form shall be submitted to the LPA/Subrecipient Procurement Office with each Cost Proposal as follows:

- (1) The DBE Intended Participation Affidavit Form must be submitted for each individual DBE firm at all tiers, including direct expense vendors, that is being proposed to be used to meet the DBE goal on the project. A copy of this form is available from the LPA/Subrecipient.
- (2) The DBE Intended Participation Affidavit Summary Form must be completed by the consultant summarizing information about all DBEs being proposed to meet the DBE goal that are listed on each DBE Intended Participation Affidavit Form. The DBE Intended Participation Affidavit Summary Form, along with the DBE Intended Participation Affidavit form for each individual DBE firm, must be submitted together with the Cost Proposal to the LPA/Subrecipient Procurement Office. All forms must be accurate and complete in every detail and must be signed by an officer of the consultant(s). Percentages and dollar amounts must be accurate. Percentages shall be listed to two decimal places. The DBE Intended Participation Affidavit Summary must be submitted listing all the DBEs intended to be used and the creditable amounts. Copies of these forms are available from the LPA/Subrecipient.
- (3) The DBE Intended Participation Affidavits Forms and the DBE Intended Participation Affidavit Summary Form must be submitted with the original cost proposal documents. The same documents must be submitted as part of the contract modification documentation submittals reflecting any change in the contract amount associated with the contract modification.

- (4) A proposer must determine DBE credit for the contract in accordance with DBE Special Provision Subsection 17.0 Crediting DBE Participation Toward Meeting Goals. The affidavits will be reviewed by the LPA/Subrecipient.
- (5) Only those DBE firms certified by the Arizona Unified Certification Program (AZUCP) at the time of the Cost Proposal submittal will be considered for DBE credit. It shall be the proposer's responsibility to ascertain the certification status of designated DBEs.
- (6) All DBE commitment amounts must be finalized between the DBE subconsultant and the proposer prior to affidavit submittal. Proposers shall not inflate DBE awards in order to meet contract goals. Reduction of DBE commitments after affidavit submittal and prior to execution of the contract without good cause may be grounds for the proposer to be considered nonresponsive. Scheduling conflicts are not necessarily evidence of good cause as this should have been considered prior to affidavit submittal. Proposers are required to use DBEs identified in both the SOQ and Cost Proposal to meet the contract goal, so the consultant is responsible for ensuring the DBEs listed in the SOQ and submitted with the Cost Proposal are available to meet those requirements at the time of contract execution.
- (7) Cost proposals without affidavits shall be considered incomplete and contract negotiations shall not be finalized nor will the contract be executed until affidavits are submitted and approved.

#### **14.0 Documented Good Faith Effort:**

##### **14.01 General:**

If the selected proposer has indicated in its cost proposal submittal that it will be unable to meet the DBE goal, that proposer must demonstrate, through detailed and comprehensive documentation, that good faith efforts have been made to solicit, assist, and use DBE firms to meet the DBE goal prior to submission of the SOQ and cost proposal.

Failure to demonstrate good faith efforts to the satisfaction of LPA/Subrecipient with concurrence of BECO will result in denying the award and moving to the next second highest ranked proposer.

The selected proposer who cannot meet the DBE goal at the time the cost proposal is due must submit its documentation of good faith efforts to the LPA/Subrecipient with the cost proposal. Contract negotiations will not be finalized nor will the contract be executed until the required Good Faith Effort forms and required documentation are received and approved.

The documentation of good faith efforts must include copies of each DBE and non-DBE subconsultant quotes submitted to the proposer when a non-DBE subconsultant was selected over a DBE for work on the contract. A generalized assertion that the consultant received multiple quotes is not sufficient unless copies of those quotes are provided.

Proposers are encouraged to review Appendix A of 49 CFR Part 26.

Useful information related to encouraging DBE participation and documented good faith efforts can be found in the "Good Faith Effort Guide" and other documents made available on the BECO website. The information provided in the "Good Faith Effort Guide" does not replace this specification; proposers must comply with the requirements of this specification.

In order to be awarded a contract on the basis of good faith efforts, a proposer must show that it took all necessary and reasonable steps to achieve the DBE goal, which, by their scope, intensity, and appropriateness to the objective, could reasonably be expected to obtain sufficient DBE participation, even if they were not fully successful. The quality, quantity, and intensity of the different kinds of efforts the proposer has made will be evaluated. The efforts employed by the proposer should be those that one could reasonably expect a proposer to make if the proposer were actively and aggressively trying to obtain DBE participation sufficient to meet the DBE goal. Mere pro forma efforts are not sufficient good faith efforts to meet the DBE contract requirements.

The proposer shall, as a minimum, seek DBEs in the same geographic area in which it generally seeks subconsultants for a given project. If the proposer cannot meet the goals using DBEs from this geographic area, the proposer, as part of its effort to meet the goals, shall expand its search to a reasonably wider geographic area.

The following is a list of types of efforts a proposer must address when submitting good faith effort documentation.

- (1) Contacting the LPA/Subrecipient and BECO prior to the submission of proposals, either by e-mail, or by telephone, to inform of the firm's difficulty in meeting the DBE goals on a given project, and requesting assistance. The proposer must document its contact with the LPA/Subrecipient and BECO, and indicate the type of contact, the date and time of the contact, the name of the person(s) contacted, and any details related to the communication. The contact must be made in sufficient time before proposal submission to allow the LPA/Subrecipient and BECO to provide effective assistance. The proposer will not be considered to have made good faith efforts if the proposer failed to contact the LPA/Subrecipient and BECO.
- (2) Conducting market research to identify small business consultants and suppliers, and soliciting, through all reasonable and available means, the interest of all certified DBEs who have the capability to perform the work of the contract. This may include attendance at pre-proposal meetings and business matchmaking meetings and events, advertising and/or providing written notices, posting of "Notices of Sources Sought" and/or "Requests for Proposals" at reasonable locations, including the consultant's website, written notices or emails to all DBEs listed in the Department's directory of transportation firms that specialize in areas of work desired (as noted in the DBE directory) and which are located in the area or surrounding areas of the project. The proposer should solicit this interest as early in the acquisition process as practicable to



allow DBEs to respond to the solicitation and submit a timely offer for the subcontract. The proposer should determine with certainty if DBEs are interested by taking appropriate steps to follow-up initial solicitations.

- (3) Selecting portions of the work to be performed by DBEs in order to increase the likelihood that the DBE goal will be achieved. This includes, where appropriate, breaking out contract work items into economically feasible units (for example smaller tasks or quantities) to facilitate DBE participation, even when the prime consultant might otherwise prefer to perform these work items with its own forces. This may include, where possible, establishing flexible time frames for performance and delivery schedules in a manner that encourages and facilitates DBE participation.
- (4) Providing interested DBEs with adequate information about the plans, specifications, and requirements of the contract in a timely manner to assist them in responding to a solicitation with their offer for a subcontract.
- (5) Negotiating in good faith with interested DBEs. It is the proposer's responsibility to make a portion of the work available to the DBE subconsultants and suppliers, and to select those portions of work or material needs consistent with the available DBE subconsultants and suppliers, so as to facilitate DBE participation. Evidence of such negotiation includes the names, addresses, and telephone numbers of DBEs that were considered; a description of the information provided from the plans and specifications for the work selected for subcontracting; and evidence as to why additional agreements could not be reached for DBEs to perform work.

Pro forma mailings to DBEs requesting proposals are not alone sufficient to constitute good faith negotiation.

A proposer using good business judgment would consider a number of factors in negotiating with subconsultants, including DBE subconsultants, and would take a firm's price and capabilities as well as contract goals into consideration. However, the fact that there may be some additional costs involved in finding and using DBEs is not in itself sufficient reason for a proposer's failure to meet the DBE goal, as long as such costs are reasonable. Also, the ability or desire of a prime consultant to perform the work of a contract with its own organization does not relieve the proposer of the responsibility to make good faith efforts. However, prime consultants are not required to accept higher quotes from DBEs if the price difference is excessive or unreasonable. Documentation, such as copies of all other proposals or quotes, must be submitted.

Another practice considered an insufficient good faith effort is the rejection of the DBE because its quotation for the work was not the lowest received. The consultant must submit copies of each DBE and non-DBE subconsultant quote submitted to the proposer when a non-DBE subconsultant was selected over a DBE for work on the contract. The Department may contact rejected DBEs as part of its investigation. However, nothing in this paragraph shall be construed to require the proposer or prime consultant to accept unreasonable quotes in order to satisfy contract goals.

- (6) Not rejecting DBEs as being unqualified without sound reasons based on a thorough investigation of their capabilities. The consultant's standing within its industry, membership in specific groups, organizations or associations and political or social affiliations (for example, union vs. non-union employee status) are not legitimate causes for the rejection or non-solicitation of proposals in the consultant's efforts to meet the project goal. Consultant must submit documentation of past performance and with input from the PM, consultant's qualifications are then reviewed for acceptance and approval.
- (7) Making efforts to assist interested DBEs in obtaining bonding, lines of credit, or insurance as required by the recipient or consultant.
- (8) Making efforts to assist interested DBEs in obtaining necessary equipment, supplies, materials, or related assistance or services.
- (9) Effectively using the services of available minority/women community organizations; minority/women consultants' groups; local, state, and Federal minority/women business assistance offices; and other organizations as allowed on a case-by-case basis to provide assistance in the recruitment and placement of DBEs.

In determining whether a proposer has made good faith efforts, the LPA/Subrecipient will review the documented efforts of the consultant and will review the performance of other proposers in meeting the contract goal.

A promise to use DBEs after contract award is not considered to be responsive to the contract solicitation or to constitute good faith efforts.

The LPA/Subrecipient will evaluate the submittal and make a determination, with BECO concurrence, whether in fact good faith efforts have been demonstrated consistent with the specifications and the Federal regulations, 49 CFR 26, Appendix A.

#### **14.02 Protest for Denied Good Faith Efforts:**

If the LPA/Subrecipient, with BECO concurrence, determines that the proposer failed to make adequate good faith efforts, the proposer may protest the determination by submitting an appeal in writing to the ADOT State Engineer. The decision of the ADOT State Engineer is administratively final.

The proposer whose proposal was rejected for failure to meet the goal or make GFE will be given the opportunity to meet in person with the State Engineer, at the proposer's written request included in the protest, to discuss the issue of whether it met the goal or made adequate good faith efforts to do so. The State Engineer shall promptly consider any appeals and notify the LPA/Subrecipient and all proposers in writing on its findings and decision.

In accordance with 49 CFR 26.53(d)(5), the result of the protest decision is not subject to administrative appeal to the USDOT.

## **15.0 Rejection of Proposal:**

If, for any reason, the proposer's GFE is rejected or contract negotiations fail, the LPA/Subrecipient will proceed with negotiating with the second highest ranked firm. The LPA/Subrecipient, will notify the second highest ranked firm, and this firm shall submit its subsequent detailed submission as set forth in the DBE Subsections 13 or 14.

## **16.0 Payment Reporting:**

The consultant shall report on a monthly basis indicating the amounts paid to all subconsultants, of all tiers, working on the project. Reporting shall be in accordance with Prompt Pay and Payment Reporting requirements.

## **17.0 Crediting DBE Participation Toward Meeting Goals:**

### **17.01 General Requirements:**

To count toward meeting the goal, the DBE firms must be certified at the time of Cost Proposal submission in each NAICS code applicable to the kind of work the firm will perform on the contract. NAICS for each DBE can be found on the AZ UTRACS website. General descriptions of all NAICS codes can be found at <http://www.naics.com/search/>.

Credit towards the consultant's DBE goal is given only after the DBE has been paid for the work performed.

The entire amount of a contract that is performed by the DBE's own forces, including the cost of supplies and materials purchased by the DBE for the work on the contract and equipment leased by the DBE will be credited toward DBE participation. Supplies and equipment the DBE subconsultant purchases or leases from the prime consultant or its affiliate will not be credited toward DBE participation.

The consultant bears the responsibility to determine whether the DBE possesses the proper consultant's license(s) to perform the work and, if DBE credit is requested, that the DBE subconsultant is certified for the requested type of work.

If a DBE cannot complete its work due to failure to obtain or maintain its licensing, the consultant bears the responsibility to notify the LPA/Subrecipient, immediately after the consultant becomes aware of the situation, and request approval to replace the DBE with another DBE. The consultant shall follow the DBE termination/substitution requirements described in Subsection 22.0 of these DBE provisions.

The Department's certification is not a representation of a DBE's qualifications and/or abilities. The consultant bears all risks that the DBE may not be able to perform its work for any reason.

A DBE may participate as a prime consultant, subconsultant, or as a vendor of materials or supplies. The dollar amount of work to be accomplished by DBEs, including partial amount of a lump sum or other similar item, shall be on the basis of subcontract, purchase order, hourly rate, rate per ton, etc., as agreed to between parties.

DBE credit may be obtained only for specific work done for the project, supply of equipment specifically for physical work on the project, or supply of materials to be incorporated in the work. DBE credit will not be allowed for costs such as overhead items, capital expenditures (for example, purchase of equipment), and office items.

The consultant may credit second-tier subcontracts issued to DBEs by non-DBE subconsultants. Any second-tier subcontract to a DBE used to meet the goal must meet the requirements of a first-tier DBE subcontract.

A prime consultant may credit the entire amount of that portion of a contract that is performed by the DBE's own forces. The cost of supplies and materials obtained by the DBE for the work of the contract can be included so long as that cost is reasonable. Leased equipment may also be included. No credit is permitted for supplies purchased or equipment leased from the prime consultant or its affiliate(s).

When a DBE subcontracts a part of the work of its contract to another firm, the value of the subcontract may be credited towards the DBE goal only if the DBE's subconsultant is itself a DBE and performs the work with its own forces. Work that a DBE subcontracts to a non-DBE firm does not count toward a DBE goal.

A prime consultant may credit the entire amount of fees or commissions charged by a DBE firm for providing a bona fide service, such as professional, technical, consulting, or managerial services, or for providing bonds or insurance specifically required for the performance of a USDOT-assisted contract, provided the fees are reasonable and not excessive as compared with fees customarily allowed for similar services.

## **17.02 DBE Prime Consultant:**

When a certified DBE firm proposes on a contract that contains a DBE goal, the DBE firm is responsible for meeting the DBE goal on the contract or making good faith efforts to meet the goal, just like any other proposer. In most cases, a DBE proposer on a contract will meet the DBE goal by virtue of the work it performs on the contract with its own forces. However, all the work that is performed by the DBE proposer or any other DBE subconsultants and DBE suppliers will count toward the DBE goal. The DBE proposer shall list itself along with any DBE subconsultants and suppliers, on the DBE Intended Participation Affidavit Individual and Summary in order to receive credit toward the DBE goal.

## **17.03 Effect of Loss of DBE Eligibility:**

If a DBE is deemed ineligible (decertified) or suspended in accordance with 49 CFR 26.87 and 26.88, the DBE may not be considered to meet a contract goal on a new contract, but may be

considered to meet the contract goal under a subcontract that was executed before the DBE suspension or decertification is effective.

When the consultant makes a commitment to use an ineligible DBE firm or the LPA/Subrecipient, made a commitment to use an ineligible DBE prime consultant, but a subcontract or contract has not been executed before a decertification notice is issued to the DBE firm by its certifying agency, the ineligible firm does not count toward the contract goal. The consultant must meet the contract goal with an eligible DBE firm or demonstrate good faith effort. When a subcontract is executed with the DBE firm before the Department notified the firm of its ineligibility, the consultant may continue to use the firm on the contract and may continue to receive credit toward the DBE goal for the firm's work.

#### **17.04 Notifying the Consultant of DBE Certification Status:**

Each DBE contract at any tier shall require any DBE subconsultant or supplier that is either decertified or certified during the term of the contract to immediately notify the consultant and all parties to the DBE contract in writing, with the date of decertification or certification. The consultant shall require that this provision be incorporated in any contract of any tier in which a DBE is a participant.

#### **17.05 Police Officers:**

DBE credit will not be permitted for procuring DPS officers. For projects on which officers from other agencies are supplied, DBE credit will be given only for the broker fees charged, and will not include amounts paid to the officers. The broker fees must be reasonable.

#### **17.06 Commercially Useful Function:**

A prime consultant can credit expenditures to a DBE subconsultant toward DBE goals only if the DBE performs a Commercially Useful Function (CUF).

A DBE performs a CUF when it is responsible for execution of the work of a contract and carries out its responsibilities by actually performing, managing, and supervising the work involved. To perform a commercially useful function, the DBE must also be responsible, with respect to materials and supplies on the contract, for negotiating price, determining quality and quantity, ordering the material, and installing (where applicable) and paying for the material itself that it uses on the project. To determine whether a DBE is performing a commercially useful function, the LPA/Subrecipient will evaluate the amount of work subcontracted, industry practices, whether the amount the firm is to be paid under the contract is commensurate with the work it is actually performing and the DBE credit claimed for its performance of the work, and other relevant factors.

A DBE will not be considered to perform a commercially useful function if its role is limited to that of an extra participant in a transaction, contract, or project through which funds are passed in order to obtain the appearance of DBE participation. In determining whether a DBE is such

an extra participant, the LPA/Subrecipient will examine similar transactions, particularly those in which DBEs do not participate.

If a DBE does not perform or exercise responsibility for at least 30 percent of the total cost of its contract with its own work force, or if the DBE subcontracts a greater portion of the work of a contract than would be expected on the basis of normal industry practice for the type of work involved, LPA/Subrecipient will presume that the DBE is not performing a commercially useful function.

When a DBE is presumed not to be performing a commercially useful function as provided above, the DBE may present evidence to rebut this presumption. The Department will determine if the firm is performing a CUF given the type of work involved and normal industry practices.

The LPA/Subrecipient will notify the consultant, in writing, if it determines that the consultant's DBE subconsultant is not performing a CUF. The consultant will be notified within seven calendar days of the LPA/Subrecipient's decision.

Decisions on CUF may be appealed to the ADOT BECO. The appeal must be in writing and personally delivered or sent by certified mail, return receipt requested, to the ADOT BECO. The appeal must be received by ADOT BECO no later than seven calendar days after the LPA/Subrecipient's decision. LPA/Subrecipient's decision remains in place unless and until the ADOT BECO reverses or modifies LPA/Subrecipient's decision. ADOT BECO will promptly consider any appeals under this subsection and notify the consultant of the ADOT BECO findings and decisions. Decisions on CUF matters are not administratively appealable to USDOT.

The LPA/Subrecipient may conduct project site visits on the contract to confirm that DBEs are performing a CUF. The consultant shall cooperate during the site visits and the LPA/Subrecipient staff will make every effort not to disrupt work on the project.

## **18.0 Effect of Contract Changes:**

The consultant acknowledges that uncertainties can occur during the performance of the work and if for any reason it becomes apparent that the DBE goal will not be met then the consultant shall: (1) immediately notify the LPA/Subrecipient of the potential or actual decrease in DBE compensation, and (2) make good faith efforts to obtain DBE participation to meet or exceed the project DBE goal. Good faith efforts required under the provisions of this section may vary, depending on the time available, the nature of the change, and other factors as determined by LPA/Subrecipient.

LPA/Subrecipient will approve or deny the consultant's good faith efforts with BECO concurrence.

The consultant is not required to take work committed to another subconsultant and assign it to a DBE subconsultant in order to meet the committed DBE percentage.

If the resulting change increases the scope or quantity of work being done by a DBE subconsultant, the DBE shall be given the opportunity to complete the additional work and receive additional compensation beyond their original subcontract amount.

#### **19.0 DBE Participation Above the Goal (Race-Neutral Participation):**

Additional DBE participation above the DBE participation required to meet the contract DBE goal is an important aspect of the Department's DBE program. The consultant is strongly encouraged to use additional DBEs above the DBE goal requirement in the contract to assist the Department in meeting its overall DBE goal and help the Department to meet the maximum feasible portion of its DBE goals through race neutral participation as outlined in 49 CFR Part 26.

There are fewer administrative requirements on the part of the consultant when using race neutral DBEs (DBEs not listed on the DBE Intended Participation Affidavit Summary). For example, if a DBE is not listed on the DBE Intended Participation Affidavit Summary, the DBE does not have to submit an Affidavit, and the subcontract approval process follows the same process of any other subcontract. The consultant does not have to replace the DBE with another DBE subconsultant if the DBE fails to perform. Therefore these DBEs are treated as any other subconsultant on the project.

#### **20.0 Required Provisions for DBE Subcontracts:**

All subcontracts of any tier, all supply contracts, and any other contracts in which a DBE is a participant shall include as a physical attachment, DBE Subconsultant Compliance Assurances available from the LPA/Subrecipient and all of the Uniform Terms and Conditions set forth in other sections of this contract.

Consultants executing agreements with subconsultants, DBE or non-DBE, that materially modify federal regulation and state statutes such as, prompt payment and retention requirements, through subcontract terms and conditions will be found in breach of contract which may result in termination of the contract, or any other such remedy as the LPA/Subrecipient and ADOT deem appropriate as outlined in DBE Subsection 2.0.

The LPA/Subrecipient reserves the right to conduct random reviews of DBE and non-DBE subcontract documentation to ensure compliance with federal requirements.

The consultant shall ensure that all subcontracts or agreements with DBEs to supply labor or materials require that the subcontract and all lower tier subcontracts be performed in accordance with 49 CFR Part 26 provisions.

The Consultant shall provide electronic copies of signed subcontract agreements for all DBE Subconsultants listed on the DBE Intended Participation Affidavit Summary by uploading them within 15 calendar days of an approved contract to the LPA DBE System.

## **21.0 Contract Performance:**

Contract items of work designated by the consultant to be awarded to DBEs shall be performed by the designated DBE or a LPA/Subrecipient, with BECO concurrence, approved DBE substitute. The Consultant or a non-DBE Subconsultant shall not perform DBE contract work items without prior approval by LPA/Subrecipient, with BECO concurrence. The DBE must perform a commercially useful function; that is, the DBE must manage, perform, and supervise a distinct element of work.

The consultant is required to use DBEs identified in the SOQ to meet the contract goal, so the prime consultant is responsible for ensuring that the DBEs are available to meet scheduling, work and other requirements on the contract.

The LPA/Subrecipient will visit the consultant's office to conduct reviews to ensure compliance with CUF and other DBE requirements. The reviews may include, among other activities, interview of DBEs and their employees and the consultant and its employees. The consultant shall cooperate in the review and make its employees available. The consultant shall inform the LPA/Subrecipient in advance when each DBE will be working on the project to help facilitate reviews.

The LPA/Subrecipient reserves the right to request and inspect all records of the consultant and all records of the DBEs and non-DBE subconsultants concerning this contract. The consultant must make available a copy of all documents related to all contracts the LPA/Subrecipient upon request.

Use of every DBE listed on the DBE Intended Participation Affidavit Summary is a condition of this contract. The consultant shall utilize the specific DBEs listed to perform the work and supply the materials for which each is listed on the DBE Intended Participation Affidavit Summary unless the consultant obtains written consent from the LPA/Subrecipient with BECO concurrence. The consultant shall not be entitled to any payment for work or material that is not performed or supplied by the listed DBE unless the consultant obtains written consent from the LPA/Subrecipient with BECO concurrence.

## **22.0 DBE Termination/Substitution:**

### **22.01 General Requirements:**

The consultant shall make all reasonable efforts to avoid terminating or substituting a DBE listed on the DBE Intended Participation Affidavit Summary. At a minimum, the consultant shall negotiate in good faith, give timely notices and/or extend deadlines to the extent that it will not jeopardize the contract with the LPA/Subrecipient. Reasonable methods to resolve performance disputes must be applied and documentation provided to the LPA/Subrecipient before attempting to substitute or terminate a DBE.



## **22.02 Consultant Notice of Termination/Substitution:**

All terminations, substitutions, and reductions in scope of work to be performed by DBEs listed on the DBE Intended Participation Affidavit Summary must be approved in writing by the LPA/Subrecipient, with BECO concurrence and by means of the executed contract modification. The consultant shall contact the LPA/Subrecipient within 24 hours from the first sign of any reason for potential DBE termination/substitution.

The consultant shall not terminate a DBE subconsultant listed on the DBE Intended Participation Affidavit Summary or complete the work contracted to the DBE with its own forces or with a non-DBE firm without the LPA/Subrecipient written consent and BECO concurrence. Before submitting a formal request to the LPA/Subrecipient for DBE termination/substitution, the consultant shall give written notice to the DBE subconsultant with a copy to the LPA/Subrecipient of its intent to terminate or substitute the DBE identifying the reason for the action. The DBE shall be allowed a minimum of five calendar days to respond to the consultant's notice advising the consultant, the LPA/Subrecipient of its position. Before making a determination for approval regarding the consultant's termination and substitution request, the LPA/Subrecipient, with BECO concurrence, will consider both the consultant's request and the DBE firm's response.

## **22.03 Consultant Request of Termination/Substitution:**

The consultant shall formally request the termination or substitution of a DBE listed on the DBE Intended Participation Affidavit Summary by submitting the DBE Termination/Substitution Request Form and supporting documentation to the LPA/Subrecipient; form is available from the LPA/Subrecipient. The submission shall include the following information:

- 1) The date the consultant determined the DBE to be unwilling, unable or ineligible to perform.
- 2) A brief statement of facts describing the situation and citing specific actions or inaction by the DBE firm giving rise to consultant's assertion that the DBE firm is unwilling, unable, or ineligible to perform.
- 3) A brief statement of the good faith efforts undertaken by the consultant to enable the DBE firm to perform.
- 4) The total dollar amount currently paid for work performed by the DBE firm.
- 5) The total dollar amount remaining to be paid to the DBE firm for work completed, but for which the DBE firm has not received payment, and over which the consultant and the DBE firm have no dispute.
- 6) The remaining work that has not been completed by the DBE and the corresponding dollar amount
- 7) The projected date that the consultant requires a substitution or replacement DBE to commence work, if consent is granted to the request.

Written consent for terminating the performance of any DBE listed on the DBE Intended Participation Affidavit Summary will be granted only where the consultant can demonstrate

good cause showing that the DBE is unable, unwilling, or ineligible to perform. Such written consent to terminate any DBE shall concurrently constitute written consent to substitute or replace the terminated DBE. Termination or substitution of a DBE listed on the DBE Intended Participation Summary will not be allowed based solely on a consultant's ability to negotiate a more advantageous contract with another subconsultant. Prior to making a determination for approval regarding the consultant's termination and substitution request, the LPA/Subrecipient, with BECO concurrence, will consider both the consultant's request and the DBE firm's response.

Any requests for substitutions or terminations of DBEs shall be made on the forms provided by LPA/Subrecipient.

#### **22.04 Good Cause:**

The LPA/Subrecipient, with BECO concurrence, will make the determination of good cause by providing written consent to the consultant after evaluating the consultant's good cause to terminate or substitute a DBE firm. Good cause for this purpose includes the following in relation to the listed DBE subconsultant:

1. Fails or refuses to execute a written contract.
2. Fails or refuses to perform the work of its subcontract in a way consistent with normal industry practice standards. However, good cause does not exist if the failure or refusal of the DBE subconsultant to perform its work on the subcontract results from the bad faith or discriminatory action of the prime consultant.
3. Fails or refuses to meet the prime consultant's reasonable, nondiscriminatory insurance/bond requirements.
4. Becomes bankrupt, insolvent, or exhibits credit unworthiness.
5. Is ineligible to work on public works projects because of suspension and debarment proceedings pursuant to federal or state law.
6. Is not a responsible consultant.
7. Voluntarily withdraws from the project and provides written notice of its withdrawal to the LPA/Subrecipient.
8. Is ineligible to receive DBE credit for the type of work required
9. A DBE owner dies or becomes disabled with the result that the firm is unable to complete its work on the contract.
10. Other documented good cause that the LPA/Subrecipient determines compels the termination or substitution of the DBE subconsultant.

If good cause is determined, the LPA/Subrecipient and will notify the Consultant of the decision and necessary modifications to the contract can be made.

#### **22.05 DBE Replacement Good Faith Effort:**

If the LPA/Subrecipient, with BECO concurrence, approves the termination of a DBE, the consultant shall make good faith efforts to find another DBE subconsultant to substitute for the original DBE. The good faith efforts as identified in DBE Subsection 17.0 shall be directed at

finding another DBE to perform at least the same amount of work under the contract as the DBE that was terminated, to the extent needed to meet the contract goal. The good faith efforts shall be documented and provided, upon request, to the LPA/Subrecipient within seven calendar days from the date of the request.

A prime consultant's inability to find a replacement DBE at the original price is not alone sufficient to support a finding that good faith efforts have been made to replace the original DBE. The fact that the consultant has the ability and/or desire to perform the contract work with its own forces does not relieve the consultant of the obligation to make good faith efforts to find the replacement DBE, and it is not a sound basis for rejecting a perspective replacement DBE's reasonable quote.

The termination of a DBE firm shall not relieve the consultant of its obligations under this Special Provision, and the unpaid portion of the terminated DBE firm's subcontract will not be counted toward the DBE goal. If the LPA/Subrecipient has eliminated items of work subcontracted to a committed DBE, the prime consultant shall still make good faith efforts to replace the DBE with another DBE to the extent necessary to meet the goal. The LPA/Subrecipient will review the quality, thoroughness, and intensity of those efforts.

When a DBE substitution has been approved by the LPA/Subrecipient and concurred by BECO, the consultant shall submit an amended DBE Intended Participation Affidavit Individual and Intended Participation Affidavit Summary to the LPA/Subrecipient for approval with the substitute DBE's name, description of work, NAICS code, AZ UTRACS registration number, and dollar value of work. Approval from LPA/Subrecipient with BECO concurrence must be obtained prior to the execution of a contract modification and before substituted DBE can begin work.

## **22.06 Sanctions:**

Failure by the consultant to carry out the requirements of these DBE Termination/Substitution specifications is a material breach of contract and will result in such remedies as LPA/Subrecipient deems appropriate, with ADOT concurrence, which will include, but are not limited to the assessment of liquidated damages. The LPA/Subrecipient will deduct from monies due or becoming due the consultant, the dollar amount of the wrongfully substituted/replaced DBE subcontract plus 25% of the amount remaining to be paid to the DBE as liquidated damages. These liquidated damages shall be in addition to all other retention or liquidated damages provided for elsewhere in the contract.

## **23.0 Certification of Final DBE Payments:**

The consultant's achievement of the goal is measured by actual payments made to the DBEs. The consultant shall submit the "Certification of Final DBE Payments" form for each DBE firm working on the contract. This form shall be signed by the consultant and the relevant DBE, and submitted to the LPA/Subrecipient no later than 30 days after the DBE completes its work.

The LPA/Subrecipient and ADOT will use this certification and other information available to determine applicable DBE credit allowed to date by the Prime Consultant and the extent to

which the DBE firms were fully paid for that work. By the act of filing the forms, the consultant acknowledges that the information is supplied in order to justify the payment of state and federal funds to the consultant.

The consultant will not be released from the obligations of the contract until the "Certification of Final DBE Payments" forms are received and deemed acceptable by the LPA/Subrecipient.

#### **24.0 Sanctions for Not Meeting Contract DBE Goal:**

If the LPA/Subrecipient determines, with BECO concurrence, that the consultant has not met the DBE goal at the end of the contract, the LPA/Subrecipient will, at its discretion, may assess liquidated damages up to two times the amount of the unattained portion of the original DBE goal, based on the circumstances of the noncompliance. Not meeting the DBE goal will also be reflected in the consultant evaluation.

The LPA/Subrecipient, with BECO concurrence, will determine whether liquidated damages will be assessed and the amount of the liquidate damages, the LPA/Subrecipient will consider whether there have been other violations on this or other contracts, whether the failure was due to circumstances beyond the control of the consultant, whether the consultant has made good faith efforts to meet the goal, and other appropriate circumstances.

In addition to any other sanctions, willful failure of the consultant, DBE or other subconsultant to comply with this contract or with the Federal DBE regulations may result in disqualification from further contracting, subcontracting, or other participation in the Department's and LPA/Subrecipient projects.

#### **25.0 False, Fraudulent, or Dishonest Conduct:**

In addition to any other remedies or actions, the Department will bring to the attention of the US Department of Transportation any appearance of false, fraudulent, or dishonest conduct in connection with the DBE program, so that USDOT can take steps such as referral to the Department of Justice for criminal prosecution, referral to the USDOT Inspector General for possible initiation of suspension and debarment proceedings against the offending parties or application of "Program Fraud and Civil Penalties" rules provided in 49 CFR Part 31.

## **10.0**

### **DBE**

#### **FORMS/DOCUMENTS/GUIDE**

- INSTRUCTIONS / GUIDE
- BIDDERS PROPOSER LIST INSTRUCTIONS
- DBE FORM 3212PS
- DBE FORM 3206PS
- DBE FORM 3205PS
- DBE FORM 3210PS
- DBE FORM 3108C
- DBE FORM 3203PS

Required Documents on File

**6.1 DBE Documents Instructions/Guide**  
**Race Conscious DBE Goal % Assessed For This Contract**

\*Important Note: City of Chandler DBE Forms and ADOT DBE Forms are not always the same. The forms provided with the RFQ/Contract must be used. Do not go to ADOT Website to obtain DBE Forms (Forms 3212PS, 3206PS, 3205PS, 3203PS, 3210PS, 3208PS). Also, forms are updated at unspecified dates. Do not use previously saved City of Chandler forms.

**SUBMIT WITH SOQ:**

**6.2 Bidders –Proposers List**

**This is an ADOT On Line Submittal Process. An Email Verification / Confirmation will be provided to you by the system after you submit. A copy of this Email Verification is the document that must be submitted with SOQ.**

**6.3 DBE Form 3212PS DBE Assurance**

**Fill out, sign, and submit with SOQ.**

---

**SUBMIT AT SCOPE & FEE FINALIZATION:**

**6.4 DBE Form 3206PS  
Consultant Participation Affidavit**

**At Scope & Fee Finalization.  
To be filled out and submitted to  
City of Chandler Federal Compliance  
for approval packet that will be submittal  
to ADOT BECO.**

**6.5 DBE Form 3205PS  
Subconsultant Participation Affidavit**

**At Scope & Fee Finalization.  
To be filled out and submitted to  
City of Chandler Federal Compliance  
for approval packet that will be submittal  
to ADOT BECO.**

\*note: A packet of all DBE documentation is prepared and submitted to ADOT BECO by City of Chandler. This DBE Packet must be approved by ADOT BECO prior to City of Chandler Council Date for approval of the contract.

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**SUBMIT AS APPLICABLE:**

**6.6 DBE Form 3203PS Good Faith**

**To be submitted at any time Consultant determines that the DBE Goal will be unobtainable. This can be submitted with SOQ, or submitted at Scope and Fee.**

**6.7 DBE Form 3210PS – Final Payment**

**This DBE Form is required for every DBE Subconsultant, whether or not listed as the dedicated DBE of 3206PS and/or whether or not there is a DBE Goal Assessment for this contract.**

**6.8 DBE Form 3108C  
DBE Substitution/Termination**

**At any time throughout the life of the contract, a designated contract goal DBE subconsultant (from Forms 3206PS) needs to be substituted or terminated, immediately notify the City of Chandler Federal Compliance to start the Federal required process - Form 3108C and other backup documents will be required.**

---

**Important Note:**

**The “Joint Check” process – where the Prime pays a subconsultant’s lower tier or vendor – is not allowed by ADOT BECO on FHWA Federal Funded Professional Services contracts.**

## BIDDERS/PROPOSERS LIST

**FEDERAL DOCUMENT REQUIRED: Email Verification Print Out**

**Create the On-Line Bidders/Proposers List on the website listed below. You will receive an email verification confirming your electronic submittal. Print out EMAIL VERIFICATION and submit with SOQ.**

**WHERE TO CREATE AND SUBMIT BIDDERS/PROPOSERS LIST:** <https://utracs.azdot.gov/BiddersListInfo/>

**WHERE TO CALL FOR QUESTIONS (SHOWN ON WEBSITE): 602-712-7761**

[illegible]



CITY OF CHANDLER

**PROFESSIONAL SERVICES  
PROJECT SPECIFIC CONTRACT**

Disadvantaged Business Enterprise (DBE)  
Goal Assurance

ADOT TRACS No.: T038703D Agency Project/Contract No.: TP2202-201  
Project Name: Kyrene Branch and Highline Canal Shared Use Path  
Prime: Kimley-Horn and Associates, Inc. AZ UTRACS Vendor #: 10608

The undersigned, fully cognizant of the requirements and of the goal established, hereby certifies that in the preparation of the proposal for the above stated federal aid project,

- ☐ the Proposer will meet the established DBE goal or will make good faith efforts to meet the goal for the contract and that arrangements with certified DBEs have been made prior to the SOQ and/or cost proposal submission.

THIS CERTIFICATE MAY NOT BE REVISED OR CORRECTED AFTER SUBMISSION OF THE PROPOSAL.

FAILURE TO AFFIRMATIVELY MAKE THIS DECLARATION/CERTIFICATION IN THE MANNER OUTLINED IN THE REQUEST FOR QUALIFICATIONS (RFQ) FURNISHED BY THE LPA/SUBRECIPIENT WILL CAUSE A PROPOSER'S SOQ TO BE CONSIDERED NON-RESPONSIVE.

Adam C. Perillo, PLA

(Name of Authorized Officer)

(Authorized Officer Signature)

Senior Vice President

(Title)

05/03/2023

(Date)





**CITY OF CHANDLER**  
**PROFESSIONAL SERVICES**

**DISADVANTAGED BUSINESS ENTERPRISE (DBE)**  
**Intended Participation Affidavit – Summary**

Contract No.: TP2202-201CHN0252D TRACS No. T038703D Mod No.: \_\_\_\_\_ Task No.: \_\_\_\_\_  
Consultant Name: Kimley-Horn and Associates, Inc. AZ UTRACS Registration No.: 10608  
DBE Liaison Name: Jared Kampf Contact Phone Number: (602) 638-3302  
Contract or Task Amount: \$574,183.11 Contract DBE Goal %: 3.38%

*Note: Total Contract/Task Amount must include the original and any additional amount applied to the Contract or Task Order.*

A	B	C	D	E	F	G
DBE Firm Name	Vendor Type	Work Description	Total Contract/ Task Amount	Adjustments	Total Amount Toward DBE Goal	DBE Performing at Least 30%? Y/N
United Civil Group	Subconsultant	Traffic Counts	\$7,116.19		\$7,116.19	YES
ATEK Engineering	Subconsultant	Geotechnical Engineering	\$16,017.00		\$16,017.00	YES
Desert Archeology	Subconsultant	Cultural Resources	\$5,957.99		\$5,957.99	YES
NEC	Subconsultant	Lead-Based Paint & Asbestos Testing	\$6,046.93		\$6,046.93	YES
MakPro	Subconsultant	Public Involvement	\$14,800.00		\$14,800.00	YES
(H) Total Amount Toward DBE Goal					\$49,938.11	
(I) Total % of DBE Commitment					8.70%	
(J) Contract DBE Goal %					3.38%	

By signature below, the undersigned agrees that formal agreements/subcontracts with the listed DBE firms will occur for the work cited herein should this contract be awarded.

Adam C. Perillo

(Name of Principal/Officer)

Senior Vice President

(Title)

(Principal/Officer Signature)

04/10/2023

(Date)



**CITY OF CHANDLER**  
**PROFESSIONAL SERVICES**  
**DISADVANTAGED BUSINESS ENTERPRISE (DBE)**  
**Intended Participation Affidavit**

Refer to instructions  
on Page 2

Prime Contractor: Kimley-Horn and Associates, Inc. Project Name: Kyrene Branch and Highline Canal Sha  
Contract No.: TP2202-201CHN0252D TRACS No.: T038703D Mod No.: \_\_\_\_\_ Task No.: \_\_\_\_\_  
DBE Firm Name: United Civil Group AZ UTRACS Registration No.: 11236  
Type of Firm: ☐ Consultant ☒ Subconsultant ☐ Lower-tier Subconsultant ☐ Vendor ☐ Broker (Fees/Commission)

1. The undersigned is prepared to perform the following scope(s) of work on the above referenced project.

- **Total Contract/Task Amount must include the original and any additional amount applied to the Contract or Task Order**
- **DBE firm listed above must complete at least 30% of its own contract amount**

A	B	C	D	E
NAICS Code	Work Description	Total Contract/ Task Amount	Adjustments	Total Amount Toward DBE Goal
541330	Traffic Data Collection	\$ 7,116.19		\$ 7,116.19
				\$ 0.00
				\$ 0.00
				\$ 0.00
<b>Total Amount Toward DBE Goal:</b>				<b>\$ 7,116.19</b>

2. **(Broker Only)** The undersigned affirms that the amount of fees and commissions for work quoted above are as follows:

Total Contract Amount: \_\_\_\_\_ Fees/Commissions Assessed on Award: \_\_\_\_\_

3. The undersigned will **sublet** and/or award \$ 0.00 of work bid to a **non-DBE firm**.

Firm Name(s): \_\_\_\_\_

4. The undersigned will **sublet** and/or award \$ 0.00 of work to another **certified DBE firm**. (Attach signed DBE affidavit.)

Firm Name(s): \_\_\_\_\_

**Confirmation of Participation**

By signature below, the undersigned agrees to enter into a formal agreement/subcontract for the work cited herein should this contract/task be awarded.


I, Sarah Simpson, President confirm that United Civil Group  
(Authorized DBE firm officer, print name and title) (Name of DBE firm)

will be participating in the above project.

The DBE firm will be performing the scope as describe above for a DBE credit of \$ 7,116.19

(Total Amount Toward DBE Goal)

Sarah Simpson

 Digitally signed by Sarah Simpson  
Date: 2023.04.05 15:12:55 -07'00'

(Authorized DBE firm officer, Signature)

04/05/2023

(Date)



**CITY OF CHANDLER**  
**PROFESSIONAL SERVICES**  
**DISADVANTAGED BUSINESS ENTERPRISE (DBE)**  
**Intended Participation Affidavit**

Refer to instructions  
on Page 2

Prime Contractor: Kimley-Horn and Associates, Inc. Project Name: Kyrene Branch and Highline Canal Shared Use Path  
Contract No.: TP2202-201 CHN0252D TRACS No.: T038703D Mod No.: \_\_\_\_\_ Task No.: \_\_\_\_\_  
DBE Firm Name: ATEK Engineering Consultants, LLC. AZ UTRACS Registration No.: 11395  
Type of Firm: ☐ Consultant ☒ Subconsultant ☐ Lower-tier Subconsultant ☐ Vendor ☐ Broker (Fees/Commission)

1. The undersigned is prepared to perform the following scope(s) of work on the above referenced project.

- Total Contract/Task Amount must include the original and any additional amount applied to the Contract or Task Order
- DBE firm listed above must complete at least 30% of its own contract amount

A	B	C	D	E
NAICS Code	Work Description	Total Contract/ Task Amount	Adjustments	Total Amount Toward DBE Goal
541330	Geotechnical Engineering	\$16,017.00	\$0.00	\$16,017.00
Total Amount Toward DBE Goal:				\$16,017.00

2. (Broker Only) The undersigned affirms that the amount of fees and commissions for work quoted above are as follows:

Total Contract Amount: \$16,017.00 Fees/Commissions Assessed on Award: \_\_\_\_\_

3. The undersigned will sublet and/or award \_\_\_\_\_ of work bid to a non-DBE firm.

Firm Name(s): \_\_\_\_\_

4. The undersigned will sublet and/or award \_\_\_\_\_ of work to another certified DBE firm. (Attach signed DBE affidavit.)

Firm Name(s): \_\_\_\_\_

**Confirmation of Participation**

By signature below, the undersigned agrees to enter into a formal agreement/subcontract for the work cited herein should this contract/task be awarded.

I, Armando Ortega, President confirm that ATEK Engineering Consultants, LLC.  
(Authorized DBE firm officer, print name and title) (Name of DBE firm)

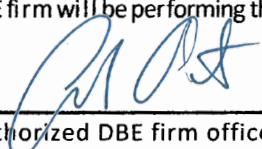
will be participating in the above project.

The DBE firm will be performing the scope as describe above for a DBE credit of \$ 16,017.00

(Total Amount Toward DBE Goal)

04/05/2023

(Date)

  
(Authorized DBE firm officer, Signature)



# ARIZONA DEPARTMENT OF TRANSPORTATION PROFESSIONAL SERVICES

## DISADVANTAGED BUSINESS ENTERPRISE (DBE) Intended Participation Affidavit

Refer to instructions  
on Page 2

Prime Contractor: Kimley-Horn Project Name: Kyrene Branch and Highline Canal Sha  
 Contract No.: TP2202-201CHN0252D TRACS No.: T0387 03D Mod No.: \_\_\_\_\_ Task No.: \_\_\_\_\_  
 DBE Firm Name: Desert Archaeology, Inc. AZ UTRACS Registration No.: 10265  
 Type of Firm: ☐ Consultant ☒ Subconsultant ☐ Lower-tier Subconsultant ☐ Vendor ☐ Broker (Fees/Commission)

1. The undersigned is prepared to perform the following scope(s) of work on the above referenced project.

- Total Contract/Task Amount must include the original and any additional amount applied to the Contract or Task Order
- DBE firm listed above must complete at least 30% of its own contract amount

A	B	C	D	E
NAICS Code	Work Description	Total Contract/ Task Amount	Adjustments	Total Amount Toward DBE Goal
541620	Cultural Resources Services	\$ 5,957.99		\$ 5,957.99
				\$ 0.00
				\$ 0.00
				\$ 0.00
Total Amount Toward DBE Goal:				\$ 5,957.99

2. (Broker Only) The undersigned affirms that the amount of fees and commissions for work quoted above are as follows:

Total Contract Amount: \_\_\_\_\_ Fees/Commissions Assessed on Award: \_\_\_\_\_

3. The undersigned will **sublet** and/or award \_\_\_\_\_ of work bid to a **non-DBE firm**.

Firm Name(s): \_\_\_\_\_

4. The undersigned will **sublet** and/or award \_\_\_\_\_ of work to another **certified DBE firm**. (Attach signed DBE affidavit.)

Firm Name(s): \_\_\_\_\_

### Confirmation of Participation

By signature below, the undersigned agrees to enter into a formal agreement/subcontract for the work cited herein should this contract/task be awarded.

I, Sarah Herr, President confirm that Desert Archaeology, Inc.  
 (Authorized DBE firm officer, print name and title) (Name of DBE firm)

will be participating in the above project.

The DBE firm will be performing the scope as describe above for a DBE credit of \$ 5,957.99

(Total Amount Toward DBE Goal)

Sarah Herr

Digitally signed by Sarah Herr  
Date: 2023.03.14 16:19:12 -07'00'

(Authorized DBE firm officer, Signature)

03/14/2023

(Date)



# ARIZONA DEPARTMENT OF TRANSPORTATION PROFESSIONAL SERVICES

## DISADVANTAGED BUSINESS ENTERPRISE (DBE) Intended Participation Affidavit

Refer to instructions  
on Page 2

Prime Contractor: Kimley-Horn Project Name: Kyrene Branch and Highline Canal Sha  
Contract No.: TP2202-201CHN025 TRACS No.: T038703D Mod No.: \_\_\_\_\_ Task No.: \_\_\_\_\_  
DBE Firm Name: Newton Environmental Consulting AZ UTRACS Registration No.: 10770  
Type of Firm: ☐ Consultant ☒ Subconsultant ☐ Lower-tier Subconsultant ☐ Vendor ☐ Broker (Fees/Commission)

1. The undersigned is prepared to perform the following scope(s) of work on the above referenced project.

- Total Contract/Task Amount must include the original and any additional amount applied to the Contract or Task Order
- DBE firm listed above must complete at least 30% of its own contract amount

A	B	C	D	E
NAICS Code	Work Description	Total Contract/ Task Amount	Adjustments	Total Amount Toward DBE Goal
541620	Hazardous Materials Sampling and Report	\$ 6,046.93		\$ 6,046.93
				\$ 0.00
				\$ 0.00
				\$ 0.00
Total Amount Toward DBE Goal:				\$ 6,046.93

2. (Broker Only) The undersigned affirms that the amount of fees and commissions for work quoted above are as follows:

Total Contract Amount: \_\_\_\_\_ Fees/Commissions Assessed on Award: \_\_\_\_\_

3. The undersigned will sublet and/or award \_\_\_\_\_ of work bid to a non-DBE firm.

Firm Name(s): \_\_\_\_\_

4. The undersigned will sublet and/or award \_\_\_\_\_ of work to another certified DBE firm. (Attach signed DBE affidavit.)

Firm Name(s): \_\_\_\_\_

### Confirmation of Participation

By signature below, the undersigned agrees to enter into a formal agreement/subcontract for the work cited herein should this contract/task be awarded.

I, Angela Newton, Principal confirm that Newton Environmental Consulting  
(Authorized DBE firm officer, print name and title) (Name of DBE firm)

will be participating in the above project.

The DBE firm will be performing the scope as describe above for a DBE credit of \$ 6,046.93

(Total Amount Toward DBE Goal)

Angela Newton

Digitally signed by Angela Newton  
Date: 2023.03.10 13:50:10 -07'00'

03/10/2023

(Authorized DBE firm officer, Signature)

(Date)



City of Chandler  
**PROFESSIONAL SERVICES**  
**DISADVANTAGED BUSINESS ENTERPRISE (DBE)**  
**Intended Participation Affidavit**

Refer to instructions  
on Page 2

Prime Contractor: Kimley-Horn and Associates, Inc. Project Name: Kyrene Branch & Highline Canal SUP  
 Contract No.: TP2202-201CHN0252D TRACS No.: T038703D Mod No.: N/A Task No.: N/A  
 DBE Firm Name: MakPro Services, LLC AZ UTRACS Registration No.: 10670  
 Type of Firm: ☐ Consultant ☐ Subconsultant ☒ Lower-tier Subconsultant ☐ Vendor ☐ Broker (Fees/Commission)

1. The undersigned is prepared to perform the following scope(s) of work on the above referenced project.

- **Total Contract/Task Amount must include the original and any additional amount applied to the Contract or Task Order**
- **DBE firm listed above must complete at least 30% of its own contract amount**

A	B	C	D	E
NAICS Code	Work Description	Total Contract/ Task Amount	Adjustments	Total Amount Toward DBE Goal
541820	Public Involvement TP2202-201 CHN0252D T038703D	\$ 14,800.00		\$ 14,800.00
				\$ 0.00
				\$ 0.00
				\$ 0.00
<b>Total Amount Toward DBE Goal:</b>				<b>\$ 14,800.00</b>

2. **(Broker Only)** The undersigned affirms that the amount of fees and commissions for work quoted above are as follows:

Total Contract Amount: \$ 14,800.00 Fees/Commissions Assessed on Award: \$ 0.00

3. The undersigned will **sublet** and/or award \$ 0.00 of work bid to a **non-DBE firm**.

Firm Name(s): N/A

4. The undersigned will **sublet** and/or award \$ 0.00 of work to another **certified DBE firm**. (Attach signed DBE affidavit.)

Firm Name(s): N/A

**Confirmation of Participation**

By signature below, the undersigned agrees to enter into a formal agreement/subcontract for the work cited herein should this contract/task be awarded.

I, Teresa Makinen, Principal confirm that MakPro Services, LLC  
 (Authorized DBE firm officer, print name and title) (Name of DBE firm)

will be participating in the above project.

The DBE firm will be performing the scope as describe above for a DBE credit of \$ 14,800.00

(Total Amount Toward DBE Goal)

04/11/2023

(Date)

Teresa Makinen  
 (Authorized DBE firm officer, Signature)



City of Chandler

**CERTIFICATION OF FINAL DISADVANTAGED BUSINESS ENTERPRISE (DBE) PAYMENTS**

**Professional Services Contracts**

*(Submit one form for each DBE involved in the contract)*

The undersigned consultant on **Agency Project No:** \_\_\_\_\_ **ADOT TRACS No:** \_\_\_\_\_ herby, certifies that full payment was made, to the firm indicated for material and/or work performed under this project's contract as follows:

DBE FIRM AZ UTRACS Vendor Registration # \_\_\_\_\_

Name of DBE Firm \_\_\_\_\_ was paid the amount of \_\_\_\_\_

This certificate is made under Federal and State Laws concerning false statement. Supporting documentation for this payment is subject to audit and should be retained for a minimum of three years from project acceptance date. In the event the DBE was not paid in accordance with affidavits submitted by the prime consultant, all documentation supporting the consultant's position should be submitted.

I DECLARE UNDER PENALTY OF PERJURY IN THE SECOND DEGREE, AND ANY OTHER APPLICABLE STATE OR FEDERAL LAWS THAT THE STATEMENT MADE ON THIS DOCUMENT ARE TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

**Consultant Company Name:** \_\_\_\_\_

**Check One:** ☐ Prime Consultant ☐ Sub Consultant

**Name:** \_\_\_\_\_

**Title:** \_\_\_\_\_

**Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_

-----  
The undersigned sub consultant/supplier/manufacture for the above named project hereby certified that payments were received and/or justification by consultant is correct.

I DECLARE UNDER PENALTY OF PERJURY IN THE SECOND DEGREE, AND ANY OTHER APPLICABLE STATE OR FEDERAL LAWS THAT THE STATEMENT MADE ON THIS DOCUMENT ARE TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

**DBE Firm Name:** \_\_\_\_\_

**Check One:** ☐ Sub Consultant/Supplier/Manufacturer ☐ Lower-tier Sub Consultant/Supplier/Manufacturer

**Name:** \_\_\_\_\_

**Title:** \_\_\_\_\_

**Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_





**City of Chandler**  
**DISADVANTAGED BUSINESS ENTERPRISE (DBE)**  
**TERMINATION/SUBSTITUTION/REDUCTION (TSR) REQUEST**

Contract/TRACS No.: \_\_\_\_\_ Mod: \_\_\_\_\_ Task Order: \_\_\_\_\_

Prime: \_\_\_\_\_ DBE Firm: \_\_\_\_\_

Requestor: \_\_\_\_\_ Email: \_\_\_\_\_ Phone Number: \_\_\_\_\_

Type of request: ☐ Termination ☐ Substitution ☐ Reduction

**1. Is this request due to an ADOT reduction of work?**

- ☐ Yes, explain the change or reduction impact on DBE participation  
☐ No, select below the fact(s) and the reason(s) for the request (see attached instructions).

- DBE: ☐ Fails or refuses to execute written contract  
☐ Fails or refuses to perform work in accordance with normal industry standards  
☐ Fails or refuses to meet prime contractor's reasonable, nondiscriminatory bond requirements  
☐ Becomes bankrupt, insolvent or exhibits credit unworthiness  
☐ Is ineligible to work because of suspension or debarment proceedings  
☐ Is not a responsible contractor  
☐ Voluntarily withdraws from the project and provides to the Department written notice of its withdrawal  
☐ Is ineligible to receive DBE credit for the type of work required  
☐ Owner dies or becomes disabled resulting in inability to complete its work on the contract  
☐ Other documented good cause (Attach documentation)

*Attach a brief statement of facts describing the situation and any supporting documentation to substantiate selection above*

**2. Date determined the DBE is unwilling, unable or ineligible to perform:** \_\_\_\_\_

**3. Date of Written Notice to DBE:** \_\_\_\_\_ *Attach notice with this request, along with the DBE response*

**4. a. Original DBE affidavit amount: \$** \_\_\_\_\_ **b. Amount of work completed to date: \$** \_\_\_\_\_

**c. Remaining DBE amount: \$** \_\_\_\_\_

*For DBE Substitution only, answer questions 5 thru 7:*

**5. Proposed DBE Name(s):** \_\_\_\_\_

**6. Proposed DBE dollar amount to be substituted: \$** \_\_\_\_\_

**7. Projected date for substitute DBE to commence work:** \_\_\_\_\_

*Good Faith Effort Documentation to be submitted with this request or within 7 calendar days from approval of this request:*

- DBE Affidavits and/or
- Other documentation to substantiate efforts made to replace the same amount of DBE work

*All signatures must be obtained before request is submitted.*

\_\_\_\_\_  
**Prime Contractor Signature**

\_\_\_\_\_  
**Date:**

\_\_\_\_\_  
**Original DBE Subcontractor Signature**

\_\_\_\_\_  
**Date:**

\_\_\_\_\_  
**Agency RE/PM Signature**

\_\_\_\_\_  
**Date:**

**FOR BECO USE ONLY**

Request is: Approved ☐ Not Approved ☐

BECO Representative: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_





City of Chandler

**PROFESSIONAL SERVICES/DESIGN  
CERTIFICATION OF GOOD FAITH EFFORTS**

*Submit completed GFE Form (pages 1 – 6 only) with backup documentation, if any)*

**General**

Complete all sections of the form and include all back-up documentation. Incomplete forms will be returned unprocessed. For the purpose of this form, project specific contracts shall be evaluated on a contract basis and on-call contracts will be evaluated on a task order by task order basis. **For on-call contracts, consultants must complete this form by detailing efforts made to find additional DBEs if their current DBEs are unable to perform the work needed for this task order.** If the information does not relate to the task order in review, this GFE will be denied. The Agency reserves the right to request further documentation from the Consultant/ Subconsultant(s) to support and validate actions undertaken to secure DBE participation to meet the DBE goal for this contract/task order.

**Attestation**

I, (Name) \_\_\_\_\_, do hereby acknowledge that I am the (Title) \_\_\_\_\_  
of (Name of Firm) \_\_\_\_\_ and the Consultant selected for the Agency project listed below:

Contract No.	Mod No.	Task Order No.	TRACS No.	Project Name	Total Contract/Task Amount *	DBE Percentage	
						Contract Goal	Committed Goal

\* Total Contract/Task Amount must include any previous amounts of the Contract or Task Order.

Provide a brief summary on why you believe your firm is unable to meet the DBE participation goals on this contract/task order. Attach additional pages if necessary.

I hereby certify I demonstrated comprehensive good faith efforts to solicit and utilize DBE firms to meet the DBE participation requirements of this contract/task order in accordance with Section 14.0 of the LPA DBE Contract Specifications by my responses to the following:

**GFE Activities**

**1. Contacting Agency and BECO For Assistance**

Date contacted: \_\_\_\_\_ Agency Staff contacted: \_\_\_\_\_ Phone Number: \_\_\_\_\_

Prime Contact Name: \_\_\_\_\_ BECO Staff contacted: \_\_\_\_\_ Phone Number: \_\_\_\_\_

Brief summary of discussion and resolution:

Was a DBE Supportive Services Solicitation Request submitted? Yes No Submission Date \_\_\_\_\_



**PROFESSIONAL SERVICES/DESIGN**  
**CERTIFICATION OF GOOD FAITH EFFORTS**

*Submit completed GFE Form (pages 1 – 6 only) with backup documentation, if any*

**2. Market Research and Soliciting Through All Reasonable Means**

List all DBE solicitations made for this contract/task order.

Solicitation Activity	Date	Name of Interested DBEs	Follow-Up Date

**3. Selecting Portions of Work to be Performed by DBEs**

List work items needed to be performed and include how work items were broken down into economically feasible units to facilitate DBE participation.


**4. Provide Interested DBEs With Project Information**

Explain how interested DBEs were provided with access to project information.

--



**PROFESSIONAL SERVICES/DESIGN**  
**CERTIFICATION OF GOOD FAITH EFFORTS**

*Submit completed GFE Form (pages 1 – 6 only) with backup documentation, if any*

5. Negotiate In Good Faith With Interested DBEs – When a non-DBE is selected over a DBE, attach copies of the DBE and non-DBE firms' quotes.

A. Identify DBE firms in which negotiations were considered but were unsuccessful.

DBE Firm Name & Contact Person	Address	Phone Number

B. Explain why negotiations above were unsuccessful.

DBE Firm Name	Explanation

6. Having Sound Reason For Rejecting DBEs

Explain why any DBE(s) was rejected for being unqualified.

DBE Firm Name	Explanation



**PROFESSIONAL SERVICES/DESIGN**  
**CERTIFICATION OF GOOD FAITH EFFORTS**

*Submit completed GFE Form (pages 1 – 6 only) with backup documentation, if any)*

**7. Assisting Interested DBEs – Bonding, Credit, Insurance**

Identify interested DBE firms in which assistance was provided in obtaining bonding, credit or insurance.

DBE Firm Name	Assistance Offered

**8. Assisting Interested DBEs – Equipment, Supplies, Materials, Related Services**

Identify interested DBE firms in which assistance was provided in obtaining necessary equipment, supplies, materials, or related assistance or services.

DBE Firm Name	Assistance Offered

**9. Minority/Women Community Organizations**

Identify minority/women community organizations used for providing assistance in the recruitment and placement of DBEs.

Organization Name	Contact Person	Assistance Requested



**PROFESSIONAL SERVICES/DESIGN  
CERTIFICATION OF GOOD FAITH EFFORTS**

*Submit completed GFE Form (pages 1 – 6 only) with backup documentation, if any*

This is not intended to be a mandatory checklist nor is it intended to be an exclusive or exhaustive list of good faith efforts. Other factors or types of efforts may be relevant on a case-by-case basis as determined by ADOT BECO.

10. Other comments or information you want the Agency and ADOT BECO to consider as part of your good faith effort.

**Affidavit**

The undersigned, (Name) \_\_\_\_\_, attest and declare under penalty of perjury in the second degree, and any other applicable state or federal laws, that the information provided on this certificate is true and correct to the best of my knowledge and belief.

Signature: \_\_\_\_\_  
Consultant Representative/DBE Liaison

Date: \_\_\_\_\_

**Note:**    *The GFE form must be signed by an authorized signatory for the Consultant/Subconsultant.*

<b>AGENCY/BECO INTERNAL USE ONLY</b>	
Date Received: _____ Date Approved / Denied: _____ (Circle one)	Received by: _____ Signature: _____
Date Received: _____ Date Approved / Denied: _____ (Circle one)	Received by: _____ Signature: _____
<b>Comments:</b>          	

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## PROFESSIONAL SERVICES/DESIGN

### CERTIFICATION OF GOOD FAITH EFFORTS

*Submit completed GFE Form (pages 1 – 6 only) with backup documentation, if any*

#### APPENDIX A TO PART 26 — GUIDANCE CONCERNING GOOD FAITH EFFORTS

**Note:** *“YOU” means the Agency (ADOT) in the following sections of this requirement.*

- I. When, as a recipient, you establish a contract goal on a DOT-assisted contract for procuring construction, equipment, services, or any other purpose, a bidder must, in order to be responsible and/or responsive, make sufficient good faith efforts to meet the goal. The bidder can meet this requirement in either of two ways. First, the bidder can meet the goal, documenting commitments for participation by DBE firms sufficient for this purpose. Second, even if it doesn't meet the goal, the bidder can document adequate good faith efforts. This means that the bidder must show that it took all necessary and reasonable steps to achieve a DBE goal or other requirement of this part which, by their scope, intensity, and appropriateness to the objective, could reasonably be expected to obtain sufficient DBE participation, even if they were not fully successful.
- II. In any situation in which you have established a contract goal, Part 26 requires you to use the good faith efforts mechanism of this part. As a recipient, you have the responsibility to make a fair and reasonable judgment whether a bidder that did not meet the goal made adequate good faith efforts. It is important for you to consider the quality, quantity, and intensity of the different kinds of efforts that the bidder has made, based on the regulations and the guidance in this Appendix.

The efforts employed by the bidder should be those that one could reasonably expect a bidder to take if the bidder were actively and aggressively trying to obtain DBE participation sufficient to meet the DBE contract goal. Mere pro forma efforts are not good faith efforts to meet the DBE contract requirements. We emphasize, however, that your determination concerning the sufficiency of the firm's good faith efforts is a judgment call. Determinations should not be made using quantitative formulas.

- III. The Department also strongly cautions you against requiring that a bidder meet a contract goal (i.e., obtain a specified amount of DBE participation) in order to be awarded a contract, even though the bidder makes an adequate good faith efforts showing. This rule specifically prohibits you from ignoring bona fide good faith efforts.
- IV. The following is a list of types of actions which you should consider as part of the bidder's good faith efforts to obtain DBE participation. It is not intended to be a mandatory checklist, nor is it intended to be exclusive or exhaustive. Other factors or types of efforts may be relevant in appropriate cases.
  - A. (1) Conducting market research to identify small business contractors and suppliers and soliciting through all reasonable and available means the interest of all certified DBEs that have the capability to perform the work of the contract. This may include attendance at pre-bid and business matchmaking meetings and events, advertising and/or written notices, posting of Notices of Sources Sought and/or Requests for Proposals, written notices or emails to all DBEs listed in the State's directory of transportation firms that specialize in the areas of work desired (as noted in the DBE directory) and which are located in the area or surrounding areas of the project.
  - (2) The bidder should solicit this interest as early in the acquisition process as practicable to allow the DBEs to respond to the solicitation and submit a timely offer for the subcontract. The bidder should determine with certainty if the DBEs are interested by taking appropriate steps to follow up initial solicitations.
  - B. Selecting portions of the work to be performed by DBEs in order to increase the likelihood that the DBE goals will be achieved. This includes, where appropriate, breaking out contract work items into economically feasible units (for example, smaller tasks or quantities) to facilitate DBE participation, even when the prime contractor might otherwise prefer to perform these work items with its own forces. This may include, where possible, establishing flexible timeframes for performance and delivery schedules in a manner that encourages and facilitates DBE participation.

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## PROFESSIONAL SERVICES/DESIGN

### CERTIFICATION OF GOOD FAITH EFFORTS

*Submit completed GFE Form (pages 1 – 6 only) with backup documentation, if any)*

- C. Providing interested DBEs with adequate information about the plans, specifications, and requirements of the contract in a timely manner to assist them in responding to a solicitation with their offer for the subcontract.
- D. (1) Negotiating in good faith with interested DBEs. It is the bidder's responsibility to make a portion of the work available to DBE subcontractors and suppliers and to select those portions of the work or material needs consistent with the available DBE subcontractors and suppliers, so as to facilitate DBE participation. Evidence of such negotiation includes the names, addresses, and telephone numbers of DBEs that were considered; a description of the information provided regarding the plans and specifications for the work selected for subcontracting; and evidence as to why additional Agreements could not be reached for DBEs to perform the work.  
  
(2) A bidder using good business judgment would consider a number of factors in negotiating with subcontractors, including DBE subcontractors, and would take a firm's price and capabilities as well as contract goals into consideration. However, the fact that there may be some additional costs involved in finding and using DBEs is not in itself sufficient reason for a bidder's failure to meet the contract DBE goal, as long as such costs are reasonable. Also, the ability or desire of a prime contractor to perform the work of a contract with its own organization does not relieve the bidder of the responsibility to make good faith efforts. Prime contractors are not, however, required to accept higher quotes from DBEs if the price difference is excessive or unreasonable.
- E. (1) Not rejecting DBEs as being unqualified without sound reasons based on a thorough investigation of their capabilities. The contractor's standing within its industry, membership in specific groups, organizations, or associations and political or social affiliations (for example union vs. non-union status) are not legitimate causes for the rejection or non-solicitation of bids in the contractor's efforts to meet the project goal. Another practice considered an insufficient good faith effort is the rejection of the DBE because its quotation for the work was not the lowest received. However, nothing in this paragraph shall be construed to require the bidder or prime contractor to accept unreasonable quotes in order to satisfy contract goals.  
  
(2) A prime contractor's inability to find a replacement DBE at the original price is not alone sufficient to support a finding that good faith efforts have been made to replace the original DBE. The fact that the contractor has the ability and/or desire to perform the contract work with its own forces does not relieve the contractor of the obligation to make good faith efforts to find a replacement DBE, and it is not a sound basis for rejecting a prospective replacement DBE's reasonable quote.
- F. Making efforts to assist interested DBEs in obtaining bonding, lines of credit, or insurance as required by the recipient or contractor.
- G. Making efforts to assist interested DBEs in obtaining necessary equipment, supplies, materials, or related assistance or services.
- H. Effectively using the services of available minority/women community organizations; minority/women contractors' groups; local, State, and Federal minority/women business assistance offices; and other organizations as allowed on a case-by-case basis to provide assistance in the recruitment and placement of DBEs.
- V. In determining whether a bidder has made good faith efforts, it is essential to scrutinize its documented efforts. At a minimum, you must review the performance of other bidders in meeting the contract goal. For example, when the apparent successful bidder fails to meet the contract goal, but others meet it, you may reasonably raise the question of whether, with additional efforts, the apparent successful bidder could have met the goal. If the apparent successful bidder fails to meet the goal, but meets or exceeds the average DBE participation obtained by other bidders, you may view this, in conjunction with other factors, as evidence of the apparent successful bidder having made good faith efforts. As provided in §26.53(b)(2)(vi), you must also require the contractor to submit copies of each DBE and non-DBE subcontractor quote submitted to the bidder when a non-DBE subcontractor was selected over a DBE for work on the contract to review whether DBE prices were substantially higher; and contact the DBEs listed on a contractor's solicitation



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## PROFESSIONAL SERVICES/DESIGN CERTIFICATION OF GOOD FAITH EFFORTS

*Submit completed GFE Form (pages 1 – 6 only) with backup documentation, if any*

to inquire as to whether they were contacted by the prime. Pro forma mailings to DBEs requesting bids are not alone sufficient to satisfy good faith efforts under the rule.

- VI. A promise to use DBEs after contract award is not considered to be responsive to the contract solicitation or to constitute good faith efforts.

[79 FR 59600, Oct. 2, 2014]

Note: Contacting ADOT BECO (602 712-7761) for assistance in identifying certified DBEs that can perform work on a contract or task order is also considered a strong factor in making good faith efforts.



**CERTIFICATION OF GOOD FAITH EFFORTS**

*Submit completed GFE Form (pages 1 – 6 only) with backup documentation, if any)*

## Good Faith Efforts Tips

The intent of the Good Faith Effort Form is to document the good faith efforts undertaken by the Consultant in soliciting and utilizing DBE firms to meet the DBE participation requirements for the contract/project. The completed form will assist the Agency and ADOT in determining if the Consultant performed its due diligence, took all necessary and reasonable steps to secure DBE participation for the referenced contract/project and resulted in obtaining comprehensive good faith efforts. The Agency and ADOT Business Engagement & Compliance Office (BECO) will determine if the Consultant made satisfactory good faith efforts to secure sufficient DBE participation to meet the DBE goal. The burden of proof rests with the Consultant. **Failure to provide good faith efforts to ADOT BECO's satisfaction will result in the rejection of the proposal/modification.** However, ADOT BECO will reconsider Consultant's GFE resubmittal if Consultant has adequately and sufficiently documented its good faith efforts in obtaining DBE participation.

### Tips for Documenting Good Faith Efforts

1. Review Scope of Work (SOW) for subcontracting opportunities.
2. Make reasonable efforts to designate economically feasible and meaningful units of work for a DBE(s) that meets or exceeds the DBE goal.
3. Keep in mind that selected DBEs must perform *commercially useful function* (CUF) as required by [49 CFR §26.55](#).
4. Determine if there are DBE firms on the contract team that can do the work. If not, the Consultant must solicit other DBEs through the DBE Directory to perform work to meet or exceed the goal.
5. Some projects may be too small or do not provide meaningful units of work for subcontracting opportunities. Any reason for this must be thoroughly explained.
6. When providing good faith documentation, it is not good enough to say that project is too small to include DBEs. Consultants must explain the project SOW and why no subcontracting opportunities are possible.
7. Consultants must keep in mind that DBEs must be utilized when developing their SOWs and cost proposal. Arranging and planning work items to circumvent the utilization of Subconsultants and DBEs violates the federal regulations.
8. For on-call contracts, consultants must complete this form by detailing efforts made to find additional DBEs if their current DBEs are unable to perform the work needed for this task order.
9. When providing good faith documentation, Consultants must include:
  - a. Date, contact name of staff they contacted at BECO for assistance
  - b. List of DBE firms contacted to do the work
  - c. Any evidence of negotiations with the DBE firms
  - d. Evidence of efforts to reach out to DBE firms
10. Assistance provided to DBEs should include efforts to assist the DBE firms in obtaining bonding, lines of credit, insurance, equipment, materials, supplies or other project-related assistance.

## **11.0**

### **PAY REQUESTS**

- PAYMENT APPLICATION
- SUBCONSULTANT SUMMARY FORM



**PROFESSIONAL SERVICES AGREEMENT  
APPLICATION AND CERTIFICATION FOR**

**PAYMENT # \_\_\_\_\_**

**Check if FINAL payment:** \_\_\_\_\_

**Official City of Chandler  
Use Only**

Date Rec'd: \_\_\_\_\_

Record ID: \_\_\_\_\_

Date Recorded: \_\_\_\_\_

Project Name: \_\_\_\_\_

Project No.: \_\_\_\_\_ Federal/ADOT No. (if applicable): \_\_\_\_\_

Pay Period Beginning: \_\_\_\_\_ Ending: \_\_\_\_\_ City Contact Name: \_\_\_\_\_

Total Time Elapsed: \_\_\_\_\_ %

**Consultant Information:**

Name: \_\_\_\_\_ Invoice #: \_\_\_\_\_

Remit to Address: \_\_\_\_\_

Contact Name: \_\_\_\_\_ Phone: \_\_\_\_\_ Email Address: \_\_\_\_\_

**Contract Amendment Summary**

No.	Date	Amount	Calendar Days
		\$	
		\$	
		\$	
		\$	

Application is made for payment as shown below and on the attached Payment Schedule Summary Sheet in accordance with the Contract Documents.

**RED FIELDS AUTO CALCULATE  
Do not enter amount manually**

**1. Original Contract Price:** \$ \_\_\_\_\_

**2. Contract Amendments to Date:** \$ \_\_\_\_\_

**3. Adjusted Contract Price (Line 1 + 2):** \$ \_\_\_\_\_

**4. Total Amount Due to Date:** \$ \_\_\_\_\_  
(per attached Payment Schedule)

**Work Completed to Date:** \_\_\_\_\_ %

**5. Total Previous Certificates for Payment:** \$ \_\_\_\_\_

**6. Federal Penalties if Applicable (per City):** \$ \_\_\_\_\_  
**Deduct Penalties (-) or Credit Reimb (+)**

**7. Current Payment Due (Line 4 - 5 - or +6):** \$ \_\_\_\_\_

**Contract Time Summary**

(applicable milestones per contract)

Notice to Proceed (NTP) Date:	
Original Contract Duration:	Calendar Days
Contract Amendments:	Calendar Days
Revised Contract Duration:	Calendar Days
Contract Expiration Date:	

**Consultant's/Engineer's Certification**

The undersigned certifies that the work covered by this Application for Payment has been completed in accordance with the Contract Documents; that all amounts have been paid for work which previous Certificates of Payment were issued and payments received from the Owner; and that the current payment requested as shown is current, accurate, and complete.

Authorized Signature

Date

**Official City of Chandler Use Only** PO #:

**Approved By:**

Budget Account #'s:

\_\_\_\_\_  
Project Manager

\_\_\_\_\_  
Date

\_\_\_\_\_  
CIP Supervisor

\_\_\_\_\_  
Date

Email PDF Signed Payment Application to: [CapitalProjects.Payables@chandleraz.gov](mailto:CapitalProjects.Payables@chandleraz.gov)

Revised: 4/14/23

Or Submit to: City of Chandler, Capital Projects MS 407, PO Box 4008, Chandler, AZ 85244

SUBCONSULTANT INVOICES/PAYMENT SUMMARY DETAIL  
PROFESSIONAL SERVICES PAY APP BACKUP - (REQUIRED)

Consultant	
Project Name	
Project Numbers	
Month	

				Subconsultants						
				name	name	name	name	name	name	name
DBE-> YES / NO										
Lower Tier --> (x)										
Lower Tier to:										
Contract Amt										
Change Order(s):										
Total Contract:				\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Pay App #	Work Mo	Pay Mo	DBE Rpt Mo							
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
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25										
26										
27										
28										
29										
30										
Total To Date				\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Bal Remaining				\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	

## **12.0**

### **SUBCONSULTANT SUBCONTRACTS REQUIREMENTS**

## **SUBCONSULTANTS – PROFESSIONAL SERVICES REQUIREMENTS AND SUBCONTRACTS**

1. Subconsultants will be required to be approved by the City. Required forms will be provided.
2. Subconsultants must have a current AZUTracs registration 5-digit number and current profile.  
<https://utracs.azdot.gov/>
3. Subconsultants must be registered/have a current/up to date profile in the DOORS reporting system for Payment Reporting, DBE Reporting, and Prompt Pay Reporting. (link is on the AZUTracs web page).
4. Subconsultants (including lower tiers) will be required to report into the DOORs system on a monthly basis during the life of their subcontract.
5. No Consultant/Subconsultant can work on a federal funded contract if they have been debarred and/or have unresolved federal tax liens.
6. The “Joint Check” process – where a Prime pays a subconsultant’s lower tier or vendor is not allowed on FHWA Federal Funded Professional Services Contracts.
7. DBE Subconsultants subcontract tasks must be applicable to their registered NAICS code(s).
8. Subconsultants for QA/QC/IA Testing – must be on the ADOT Accredited Laboratories / ADOT Accredited Material Testing Laboratories List.  
<https://azdot.gov/business/engineering-and-construction/materials/materials-quality-assurance/adot-accredited>
9. Subconsultants will be required to submit timely/monthly invoices to the Prime on a calendar monthly basis. The Prime Consultant’s monthly pay application to the City must include all work performed during the work period the pay application is being submitted for.
10. No work can be started prior to the Prime’s Contract Notice to Proceed date.

### **SUBCONTRACTS**

#### **All Subcontracts:**

1. There are specific federal documents that must be included in all subcontracts.
2. A set of these federal documents will be provided by the City. There will be a required set of federal documents for a DBE Subconsultant Subcontract and a Non-DBE Subconsultant Subcontract.
3. Subcontract tasks must be applicable to/related to the Prime’s Contract Task Detail with the City.
4. DBE Subcontract Task Detail must show breakdown pricing for each task item.
5. Subcontract must show both parties name and address.

**END OF FEDERAL DOCUMENTS SECTION**

**ACORD**<sup>TM</sup>**CERTIFICATE OF LIABILITY INSURANCE**

DATE (MM/DD/YYYY)

5/04/2023

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an **ADDITIONAL INSURED**, the policy(ies) must have **ADDITIONAL INSURED** provisions or be endorsed. If **SUBROGATION IS WAIVED**, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer any rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b> <b>Edgewood Partners Ins. Center</b> <b>3780 Mansell Rd. Suite 370</b> <b>Alpharetta, GA 30022</b>	<b>CONTACT NAME:</b> Jerry Noyola <b>PHONE (A/C, No, Ext):</b> 770-220-7699 <b>FAX (A/C, No):</b> <b>E-MAIL ADDRESS:</b> greylingcerts@greyling.com														
<b>INSURED</b> <b>Kimley-Horn and Associates, Inc.</b> <b>421 Fayetteville Street, Suite 600</b> <b>Raleigh, NC 27601</b>	<table border="1"> <thead> <tr> <th>INSURER(S) AFFORDING COVERAGE</th> <th>NAIC #</th> </tr> </thead> <tbody> <tr> <td>INSURER A : National Union Fire Ins Co of Pittsburg</td> <td>19445</td> </tr> <tr> <td>INSURER B : Allied World Assurance Co (U.S.) Inc.</td> <td>19489</td> </tr> <tr> <td>INSURER C : New Hampshire Insurance Company</td> <td>23841</td> </tr> <tr> <td>INSURER D : Lloyd's of London</td> <td>085202</td> </tr> <tr> <td>INSURER E :</td> <td></td> </tr> <tr> <td>INSURER F :</td> <td></td> </tr> </tbody> </table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A : National Union Fire Ins Co of Pittsburg	19445	INSURER B : Allied World Assurance Co (U.S.) Inc.	19489	INSURER C : New Hampshire Insurance Company	23841	INSURER D : Lloyd's of London	085202	INSURER E :		INSURER F :	
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INSURER F :															

**COVERAGES****CERTIFICATE NUMBER: 23-24****REVISION NUMBER:**

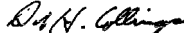
THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Contractual Liab  GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input checked="" type="checkbox"/> LOC OTHER:			GL5268169	04/01/2023	04/01/2024	EACH OCCURRENCE \$2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$1,000,000 MED EXP (Any one person) \$25,000 PERSONAL & ADV INJURY \$2,000,000 GENERAL AGGREGATE \$4,000,000 PRODUCTS - COMP/OP AGG \$4,000,000 \$
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS ONLY			CA4489663 (AOS) CA2970071 (MA)	04/01/2023 04/01/2023	04/01/2024 04/01/2024	COMBINED SINGLE LIMIT (Ea accident) \$2,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$10,000			03127930	04/01/2023	04/01/2024	EACH OCCURRENCE \$5,000,000 AGGREGATE \$5,000,000 \$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		N/A	WC015893685 (AOS) WC015893686 (CA)	04/01/2023 04/01/2023	04/01/2024 04/01/2024	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE - EA EMPLOYEE \$1,000,000 E.L. DISEASE - POLICY LIMIT \$1,000,000
D	Professional Liab			B0146LDUSA2304949	04/01/2023	04/01/2024	Per Claim \$2,000,000 Aggregate \$2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Re: Kyrene Branch and Highline Canal Shared Use Path, City Project #TP2202-201, Federal #CHN0252D, ADOT #T038703D, Anne DeBoard. The City of Chandler, its officers, officials, agents, and employees are named as Additional Insureds on the above referenced liability policies with the exception of workers compensation & professional liability where required by written contract. Should any of the above described policies be cancelled by the issuing insurer before the expiration date thereof, we will endeavor to provide 30 days' (See Attached Descriptions)

**CERTIFICATE HOLDER****CANCELLATION**

<b>City of Chandler</b> <b>P.O. Box 4008, Mail Stop 407</b> <b>Chandler, AZ 85244</b>	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.  <b>AUTHORIZED REPRESENTATIVE</b> 
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## DESCRIPTIONS (Continued from Page 1)

written notice (except 10 days for nonpayment of premium) to the Certificate Holder. Umbrella Follows Form with respects to General, Automobile & Employers Liability Policies. The above referenced liability policies with the exception of workers compensation and professional liability are primary & non-contributory where required by written contract. Contractual Liability & X-C-U is included under the General Liability Policy Waiver of Subrogation in favor of Additional Insured(s) where required by written contract & allowed by law. Separation of Insureds applies to the General Liability Policy.

## ENDORSEMENT

This endorsement, effective 12:01 A.M. 04/01/2023 forms a part of

Policy No. CA4489663 (AOS) issued to Kimley-Horn and Associates, Inc.

by NATIONAL UNION FIRE INSURANCE COMPANY OF PITTSBURGH, PA

**THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.**

### **ADDITIONAL INSURED - WHERE REQUIRED UNDER CONTRACT OR AGREEMENT**

*This endorsement modifies insurance provided under the following:*

BUSINESS AUTO COVERAGE FORM

#### SCHEDULE

#### **ADDITIONAL INSURED:**

ANY PERSON OR ORGANIZATION FOR WHOM YOU ARE CONTRACTUALLY BOUND TO PROVIDE ADDITIONAL INSURED STATUS BUT ONLY TO THE EXTENT OF SUCH PERSON'S OR ORGANIZATIONS LIABILITY ARISING OUT OF THE USE OF A COVERED AUTO.

**I. SECTION II - COVERED AUTOS LIABILITY COVERAGE, A. Coverage, 1. - Who Is Insured, is amended to add:**

- d. Any person or organization, shown in the schedule above, to whom you become obligated to include as an additional insured under this policy, as a result of any contract or agreement you enter into which requires you to furnish insurance to that person or organization of the type provided by this policy, but only with respect to liability arising out of use of a covered "auto". However, the insurance provided will not exceed the lesser of:

- (1) The coverage and/or limits of this policy, or
- (2) The coverage and/or limits required by said contract or agreement.



AUTHORIZED REPRESENTATIVE

**THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.**

**ADDITIONAL INSURED - OWNERS, LESSEES OR  
CONTRACTORS - SCHEDULED PERSON OR  
ORGANIZATION**

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

**SCHEDULE**

<b>Name Of Additional Insured Person(s) Or Organization(s)</b>	<b>Location(s) Of Covered Operations</b>
ANY PERSON OR ORGANIZATION WHOM YOU BECOME OBLIGATED TO INCLUDE AS AN ADDITIONAL INSURED AS A RESULT OF ANY CONTRACT OR AGREEMENT YOU HAVE ENTERED INTO.	PER THE CONTRACT OR AGREEMENT.
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.	

**A. Section II 6 Who Is An Insured** is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by:

1. Your acts or omissions; or
2. The acts or omissions of those acting on your behalf;

in the performance of your ongoing operations for the additional insured(s) at the location(s) designated above.

However:

1. The insurance afforded to such additional insured only applies to the extent permitted by law; and
2. If coverage provided to the additional insured is required by a contract or agreement, the insurance afforded to such additional insured will not be broader than that which you are required by the contract or agreement to provide for such additional insured.

**B.** With respect to the insurance afforded to these additional insureds, the following additional exclusions apply:

This insurance does not apply to "bodily injury" or "property damage" occurring after:

1. All work, including materials, parts or equipment furnished in connection with such work, on the project (other than service, maintenance or repairs) to be performed by or on behalf of the additional insured(s) at the location of the covered operations has been completed; or
2. That portion of "your work" out of which the injury or damage arises has been put to its intended use by any person or organization other than another contractor or subcontractor engaged in performing operations for a principal as a part of the same project.

- C. With respect to the insurance afforded to these additional insureds, the following is added to **Section III – Limits Of Insurance:**

If coverage provided to the additional insured is required by a contract or agreement, the most we will pay on behalf of the additional insured is the amount of insurance:

1. Required by the contract or agreement; or

2. Available under the applicable limits of insurance;  
whichever is less.

This endorsement shall not increase the applicable limits of insurance.

**THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.**

## **ADDITIONAL INSURED - OWNERS, LESSEES OR CONTRACTORS - COMPLETED OPERATIONS**

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART  
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART

### **SCHEDULE**

<b>Name Of Additional Insured Person(s) Or Organization(s)</b>	<b>Location And Description Of Completed Operations</b>
ANY PERSON OR ORGANIZATION WHOM YOU BECOME OBLIGATED TO INCLUDE AS AN ADDITIONAL INSURED AS A RESULT OF ANY CONTRACT OR AGREEMENT YOU HAVE ENTERED INTO.	PER THE CONTRACT OR AGREEMENT.
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.	

**A. Section II – Who Is An Insured** is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury" or "property damage" caused, in whole or in part, by "your work" at the location designated and described in the Schedule of this endorsement performed for that additional insured and included in the "products-completed operations hazard".

However:

1. The insurance afforded to such additional insured only applies to the extent permitted by law; and
2. If coverage provided to the additional insured is required by a contract or agreement, the insurance afforded to such additional insured will not be broader than that which you are required by the contract or agreement to provide for such additional insured.

**B. With respect to the insurance afforded to these additional insureds, the following is added to Section III – Limits Of Insurance:**

If coverage provided to the additional insured is required by a contract or agreement, the most we will pay on behalf of the additional insured is the amount of insurance:

1. Required by the contract or agreement; or
2. Available under the applicable limits of insurance;

whichever is less.

This endorsement shall not increase the applicable limits of insurance.



Informational Memo  
Transportation Policy - Memo No. 23-01

Date: June 27, 2022

To: Joshua H. Wright, City Manager

Thru: Ryan Peters, Strategic Initiatives Director

From: Jason Crampton, Transportation Planning Manager

Subject: Kyrene Branch/ Highline Canal Path Open House Summary

On August 22, 2022, the Transportation Policy Division hosted an open house public meeting on the Kyrene Branch and Highline Canal Shared Use Path Study. The open house provided residents with the ability to learn more about the project, ask questions and have discussions with the project team, and submit their comments.

Notice for the open house included the following:

- Postcard mailed to Chandler residents near the project location,
- Social media posts in Chandler and Tempe,
- Posting notices at the project site,
- Direct outreach to key stakeholders such as the Tuscany Homeowner's Association and local bike clubs.

Thirty-five participants signed in at the meeting and were invited to submit comment cards. Thirteen comment cards and one written letter were received, summarized as follows:

- Five positive comments - either directly expressing support for the project or suggesting further improvements for path users, beyond what was already proposed.
- Four neutral comments - with suggestions for making improvements to the project.
- Five negative comments - expressing concerns over negative impacts resulting from this project. Common concerns expressed include:
  - Increase in traffic within a gated community,
  - Increase to the urban heat island,
  - Increase in homeless activity,
  - Potential increased cleaning/ insurance costs for HOA,
  - Traffic congestion associated with added traffic signal.

Attachments: Sign-in Sheet/ Comment Card Summary/ Turcott Letter





City of Chandler  
Kyrene Branch Canal Shared Use Path and Highline Canal Shared Use Path  
OPEN HOUSE

Monday, August 22, 2022 5:30pm - 6:30 pm

NAME	ADDRESS	EMAIL	PHONE	Project(s) Interested In:	
				Kyrene Branch	Highline Canal
Beth Schuster	1119 N. Vudd Place	beth.schuster@gmail.com	602/418.0285	X	
Virginia Hernandez	2412 N. Rustin Ln	danyhernandez@gmail.com	224-234-9523		
CHASE Walman	200 E 5 <sup>th</sup> St. Tempe Az	CHASE-WALMAN@Tempe.gov	480-838-2072	X	X
OLGA HAUGSTAD	1229 N. JUDDO PL.	OLGA.HAUGSTAD@COX.az.net	602.315.6542	X	
David McCotter	800. PRESIDENT 6171 W HINDA DR	david@mccotter.org	602-315-5151	X	
Linda Kolaf	1133 N. Roosevelt Ave	lkolaf@cox.net	602.885.0723	X	
Steve Kolaf	"	skolaf@cox.net	602.882.1800	X	
Tracy Soto	1271 N. DUSTY L4	tracy.soto@asu.edu	480-244-7087	X	
Beth Brizal	6130 W. Sharnon St	emsenbhu@sharnonmail.com	480-606-2322	X	
Will Strauss	1357 N. McCrory Ave	strauss02@cox.net	480-677-0369	X	
Franz Gates	6283 W NEGAN ST	FGGATES@gmail.com	480-747-3405	X	
Mark Boiman	6101 W PARK AVE	pdgus@cox.net	602-397-6089	X	





City of Chandler  
Kyrene Branch Canal Shared Use Path and Highline Canal Shared Use Path  
OPEN HOUSE

Monday, August 22, 2022 5:30pm - 6:30 pm

Project(s) Interested In:					
		Kyrene Branch	Hightline Canal		
NAME	ADDRESS	EMAIL	PHONE		
Self Maria Lucetti	1140 N. Sueda Pl Tucson	JT49er@cox.net	480-650-0247	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Robert Johnson	1291 N. Dustin Ln.	Wbren961@aol.com	602-329-0283	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<del>Robert Johnson</del>	85226	STANSTEAD	480-940-602-834	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Kelly K. INWARD	6120 STANWAL	CSMAIL.COM	<del>602-3324</del>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Tom Harrison	1092 N Roosevelt	HARRISTOM@yahoo.com	480 868 7756	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
BINT QUAN	1152 N Roosevelt	binhlyquan@gmail.com	480 321 6830	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Glen & Sherri Dean	6040 W. Park Ave	sheo@cox.net	480-961-4166	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Jane Foster	68615 DUSTIN	info@jane-foster.com	602-363-9883	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
DEAN BRENNAN	P.O. Box 6940 Chandler	dbrennan.plc@cox.net	480-390-9185	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Richard Smith	3096 N. Ironwood Cir Chandler	rtsmith134@gmail	480 821 9412	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>









# Kyrene Branch Canal Shared Use Path and Highline Canal Shared Use Path

## Open House Comment Card Recap

**Chandler Sunset Library (Monsoon Room), 4930 W Ray Rd, Chandler**

**Monday, August 22, 2022 ~ 5:30pm – 6:30pm**

*Approximately 35 participants signed in at the meeting and were invited to fill out comment cards to provide additional information to the project team. Thirteen comment cards were received with comments. The following summarizes the comment cards received:*

<b>Were the displays and staff informative? If not, what further information would you like?</b>	<b>What comments/suggestions would you like to provide the project team related to the project?</b>	<b>Your Contact Information:</b>
A legend of the location of intersections would be helpful.	Support this project especially the crosswalks since kids use canal to get to/from school & the track/cross country team.	Karen Dada 1180 N Judd Pl 602.402.0069 karenwdada@gmail.com
	Please keep the paved dimensions same at Tempe. Runners run on the dirt and cyclists on the pavement.	Beth Brizel 6130 W Shannon St 480.600.2312 emsemb11@hotmail.com
Confusing as to where the crosswalks will be.	Traffic would increase in our gated community (Tuscany). It would affect traffic along Roosevelt w/ speeding bikes. It will also increase homeless people to our neighborhood. <ul style="list-style-type: none"><li>• We are concerned about the cost to homeowners if any damage to the neighborhood.</li><li>• Traffic congestion w/ crosswalk added.</li><li>• Concrete – added heat + soil erosion.</li></ul>	Glenn & Sherri Ozawa 6040 W Park Ave 480.961.4166 shgo@cox.net
Yes. Info on how dual-use can be safer.	Mixed use can be dangerous. Please consider 50% or 33% of the width to be ridged, undulated, or other to discourage excessive speeding by cyclists.  I walk on the Kyrene Branch 1-2x per day usually at ~5:30am and 10pm. No longer can use the paved section between Kyrene & Warner because cyclists speed down, often without lights, and I have been scared off the path too often. Please don't ruin the gravel section too.	Frank Gates 6283 W Megan St, Chandler, AZ 85226 480.747.3405 fggates@gmail.com
	Kyrene canal crossing at Ray should be straight across – easier for bikes. [provided sketch showing Ray crossing at diagonal to accommodate path]	Scott Barvian Mesa 480.813.5721 scott.barvian@gmail.com

Were the displays and staff informative? If not, what further information would you like?	What comments/suggestions would you like to provide the project team related to the project?	Your Contact Information:
Yes.	<p>This seems environmentally <u>un</u>friendly, invasive to our Tuscany neighborhood, and not well thought through.</p> <p>My concerns –</p> <ul style="list-style-type: none"> <li>• Please no more concrete, too hot already and unattractive.</li> <li>• We don't want another light to sit at and Ray is WAY too busy to cross w/out a light.</li> <li>• How will our GATED neighborhood be protected? I'd like to feel safe walking my dog at night – this will bring in more people than just our surrounding neighbors.</li> <li>• Why can't the path be used as is anyway – the gravel is fine for most bikes, walkers and runners.</li> </ul>	<p>Laureen Dzadovsky 1142 N Roosevelt Ave, 85226 412.889.3183 laurly1@gmail.com</p>
Specific timelines on when alternative designs will be considered.	While it is understood that the canal path is NOT privately owned – it is US government owned – it is WITHIN a private gated community and we would respectfully like consideration of alternative design to avoid pavement in Tuscany.	<p>Beth Schuster 1119 N Judd Pl 602.418.0285 beth.schuster@gmail.com</p>
Yes, excellent.	We support the project and are excited that canal path will help mitigate safety, lighting and dust! We look forward to the completion of the project.	<p>Olga Haugland 1229 N Judd Pl, Chandler, AZ 85226 602.315.6542 olga.haugland2@cox.net</p>
Yes. Would like to see info on drainage, lighting, landscaping.	Concern over safety at crosswalk & (safety) ease of entering to existing backyards. Drainage changes due to concrete. Lighting affecting our quality of sleep. Damage to existing trees.	<p>Virginia Hammond 942 N Dustin Ln 224.234.9523 dinnyhammond@gmail.com</p>
	Kyrene canal crossing at Ray should be straight across – easier for bikes. [provided sketch showing Ray crossing at diagonal to accommodate path]	<p>Scott Barvian Mesa 480.813.5721 scott.barvian@gmail.com</p>
Yes. Great turnout – encouraged by public participation!	<ul style="list-style-type: none"> <li>• Wayfinding – trail names, street names, maps depicting trail system.</li> <li>• Pedestrian/bicyclist amenities – seating, shade, drinking fountains.</li> </ul>	<p>Dean Brennan 429 W McNair St 480.390.9185 dbrennan.plc@cox.net</p>
Would have appreciated hearing from key players and their role in project.	<p>Cancel Kyrene Path Project. We oppose this project for multiple reasons.</p> <p>This would have helped with Q&amp;A to make sure our concerns are heard by all, instead of individual meeting with city representatives. Lack of consistency.</p>	<p>Linda Kalaf 1133 N Roosevelt Ave 602.885.0723 lkalaf@cox.net</p>

Were the displays and staff informative? If not, what further information would you like?	What comments/suggestions would you like to provide the project team related to the project?	Your Contact Information:
<p>It would be nice if there was detail at what exactly the crossing signals were at Ray Road? Were they a standard signal, HAWK, or rapid flashing beacons?</p> <p>It would be nice if there was detail shown as to what improvements of widening would be made to the sidewalk between the Knox Rd crossing and where the path connects back up with the Kyrene canal (area K1 in the Project Area Map)</p>	<ul style="list-style-type: none"> <li>• In conjunction with this consider, creating a bike route at the south end of the Kyrene Canal project to get to Nozomi Pool. (Linda to McKemy to Erie to Roosevelt)</li> <li>• Consider improvement to the Gila Ditch running north from Nozomi toward the south end of the Kyrene Canal project.</li> <li>• On the Kyrene project, it would be nice if the sidewalk were widened between the Knox Rd signal and where the path rejoins the Kyrene Canal to the south (area K1 in the Project Area Map)</li> <li>• It would be nice if the City of Chandler participated in the Knox road alignment pedestrian crossing of the I-10. It would connect Chandler residents on the east side of I-10 to a great park in the city of Phoenix, on the west side of I-10.</li> <li>• Please make sure the Knox/Kyrene signal is responsive to pedestrian crossers, and crossing delays are not optimized exclusively for vehicle traffic delay.</li> </ul>	<p>David Rice 212 W Knight Ln, Tempe AZ d.rice@outlook.com</p>
		<p>Kelly Kinnard WR4 – BOD 6120 W Shannon St 602.524.7157 <a href="mailto:stonsiteaz@gmail.com">stonsiteaz@gmail.com</a> Dave McCotter WR4 – BOD 602.315.5151</p>



## HOA insurance liability concerns regarding the proposed Kyrene Branch Canal Shared Use Path Project.

Proposed path will be 10 feet wide on one side of the SRP canal which bisects the main greenbelt areas of our subdivision and impacts the entry road/bridge in Tuscany.

Proposal investigation disclosed that per Mr. Crampton, "a portion along Kyrene Canal would continue to be maintained by an adjacent HOA, which is Tuscany."

Impact on our gated, private community:

1. Increased & enhanced **public access *day or night*, with only lighting as a security measure.**
2. **Ease of access** to our **private** green belts and interior roadways from this **enhanced and advertised pathway** opens up a **greatly increased disruptive potential** for the following:  
Crimes of disruption, destruction, vandalism, theft, drug deals, gun deals, break-ins (cars and property- already happening), hazardous trash (fecal/urine, hazardous drug remnants' ...\*), general trash, fights, loud and intrusive noises, fireworks, shootings (recently at corner of Ray and Kyrene, homeless encampments (already happening in the immediate area.)
3. **Increased liability to HOA for any spill over onto subdivision** owned roads and greenbelts from the afore-mentioned activities.
4. **Increased HOA costs for cleanup and destruction.** Specifically any HAZ-mat removal\*
5. **Increased potential for collisions** between incoming or exiting Tuscany road traffic over bridge on Roosevelt, and the pathway traffic of bikers (regular and electric), scooters (regular and electric) golf carts, unauthorized vehicles, racing on pathway from all the preceding...
6. **Increased HOA liability\*\* for negligence on repairs needed for pathway.** Monsoon rains and high heat can and does undermine or lift the soil supporting the concrete walkway. This causes seam offsets which can raise or lower the concrete. Cracks and corners can break off. This can result in accidents spilling onto our greenbelts. With serious injuries, lawsuits can be filed against our HOA costing legal fees and potential large monetary settlements\*\*. Since the quality of the concrete and its life span against this type of degradation is completely out of our control, we will have *no* idea how soon we might need to deal with this.

With the negative impacts from this proposal, and the increased liability to the community as a whole, we will need to consider the impact to our insurance liability coverage and costs, limitations and exclusions that will affect all Tuscany homeowner through our HOA insurance coverage. This will most likely increase our monthly homeowners HOA assessments, while negating the securities we have enjoyed as a private, gated community.

7. *Ozone - urban heat island effect*

Maria and Jeff Turcott

Lot 51, 1140 N. Judd Place, Chandler, AZ 85226

7-15-2022



**City Council Memorandum      Development Services    Memo No. 23-014**

**Date:** May 22, 2023  
**To:** Mayor and Council  
**Thru:** Joshua H. Wright, City Manager  
Andy Bass, Deputy City Manager  
**From:** Derek Horn, Development Services Director  
**Subject:** PLH23-0010 Historic Preservation Code Amendments, Ordinance No. 5051

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**Proposed Motion:**

Move City Council adopt Ordinance No. 5051 approving PLH23-0010 Historic Preservation Code Amendments related to terms of Historic Preservation Commission members, regulations for the creation of historic preservation districts, and application of design guidelines for historic preservation districts, as recommended by the Planning and Zoning Commission and the Historic Preservation Commission.

**Background:**

In the Fall of 2020, the City Council adopted Ordinance No. 4936, which established the City's Historic Preservation Program. The program includes four levels of designation: Heritage Site, Historic Conservation District, Historic Preservation District, and Landmark. In order to create a Historic Preservation District or Landmark, at least 90% of the property owners within the proposed district must agree to inclusion and to abide by the regulations therein by signing a waiver. Property owners within the district that do not sign the waiver are not required to abide by the rules of the district, but can annex into the district later.

When the Ordinance was adopted, it created the Historic Preservation Commission (reconstituted from the former Architectural Review Committee) and expanded the number of commissioners from five to seven. The original appointment/reappointment language was retained, which specified no more than two commission terms would conclude in any given year. The expansion to a seven-member commission requires an increase in the number of terms

concluding in a given year.

Development Services staff is proposing a set of code amendments to address the items noted above and specific items listed below.

## **Discussion:**

### **Proposed Code Amendments:**

- Expands the number of Commission member terms concluding in any given year from two to five.
- Adds a definition for General Design Guidelines and edits the City Code accordingly.
- Provides for the appointment of staff as Assistant Historic Preservation Officers at the discretion of the City Manager.
- Allows the Historic Preservation Officer to require documentation from applicants of Heritage Sites or Historic Conservation Districts that indicates property owner consent to be included in that district.
- Reduces the 90% threshold for designation of Historic Preservation Districts and Landmarks to 60%.
- Requires additions, accessory structures, walls and fences to conform to the City's design standards, but allows for use of historic materials and architectural differentiation specific to the (primary) historic structures.

### **Review:**

Since the program was created, Development Services staff has worked with representatives of several neighborhoods who are interested in creating Historic Preservation Districts. Many property owners in these neighborhoods are willing to execute a waiver and create the district, but reaching the 90% threshold has proven difficult to achieve. None have been able to get close to that percentage. Before voter approval of Proposition 207 in 2006, in some municipalities about 60% of property owners was considered an adequate threshold to establish a preservation district. The passage of Proposition 207 created concerns in some municipalities that designation of historic districts could generate litigation without the written consent of 100% of the property owners. When Chandler established its historic preservation program with a 90% threshold, it was thought that bar was achievable for neighborhoods working toward designation. After review and analysis, staff recommends the reduction of the 90% requirement to 60%. This change is to increase the ability of property owners to obtain sufficient consent to create a Historic Preservation District. Protections for property owners not consenting to be in a district already exist in the City Code and will remain.

Development Services staff have reviewed the City Code and also recommend the other amendments in Ordinance No. 5051. The number of Commission



member terms concluding in a year is proposed to be modified to align with the current seven-member commission. Further, the current City Code has no provision to document property owner consent to be included in a Heritage Site or Historic Conservation District, so a provision is added to correct this deficiency. Language has also been added so accessory structures and additions conform to standard historic practice and design standards and guidelines from the National Park Service. Language to allow the City Manager to appoint assistant historic preservation officers and to include general design standards for historic preservation districts and properties is likewise included in the proposed ordinance.

**Planning and Zoning Commission Vote Report:**

Planning and Zoning Commission April 19, 2023

Motion to Approve

In Favor: 7 Opposed: 0

**Historic Preservation Commission Vote Report:**

Historic Preservation Commission meeting April 12, 2023

Motion to Approve

In Favor: 7 Opposed: 0

During the Historic Preservation Commission meeting, the Commission and staff discussed the proposal in the ordinance that reduced the threshold of contributing properties opting into a Historic Preservation District from 90% to 60%. The discussion centered on the merits of the reduction and how it could affect historic districts. After discussion, the Commission unanimously recommended Ordinance No. 5051.

**This ordinance was introduced and tentatively adopted on May 11, 2023.**

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**Attachments**

Ordinance 5051

## ORDINANCE NO. 5051

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF CHANDLER, ARIZONA, DECLARING THAT DOCUMENT ENTITLED “2023 AMENDMENTS TO CHAPTER 35—HISTORIC PRESERVATION” TO BE A PUBLIC RECORD; AMENDING THE CODE OF THE CITY OF CHANDLER, CHAPTER 35 ARTICLE XXXIV- HISTORIC PRESERVATION; INCLUDING AMENDMENTS RELATED TO TERMS OF HISTORIC PRESERVATION COMMISSION MEMBERS, HISTORIC PRESERVATION OFFICER, HISTORIC CONSERVATION DISTRICTS AND HERITAGE SITES, HISTORIC PRESERVATION DISTRICTS AND LANDMARKS, HISTORIC PRESERVATION DISTRICT DESIGN GUIDELINES, AND OTHER RELATED CHANGES TO CONFORM THE CODE TO CURRENT CITY PRACTICES; PROVIDING FOR THE REPEAL OF CONFLICTING ORDINANCES; AND PROVIDING FOR SEVERABILITY.

WHEREAS, in accordance with Ariz. Rev. Stat. § 9-240, the legislative body may adopt by ordinance, any change or amendment to the regulations and provisions set forth in the Chandler City Code; and

WHEREAS, Ariz. Rev. Stat. § 9-462.01 authorizes a legislative body to establish districts of historical significance requiring that special permission be obtained for any development within the district; and

WHEREAS, this amendment, including the draft text, has been published in a local newspaper with general circulation in the City of Chandler, giving fifteen (15) days’ notice of time, date, and place of public hearing; and

WHEREAS, the City Council has determined that property owners within the City of Chandler should be afforded the opportunity to preserve and protect properties, districts, and sites that represent aspects of Chandler’s historic, architectural, and cultural heritage; and

WHEREAS, a public hearing was held by the Historic Preservation Commission on April 12, 2023 and the Planning and Zoning Commission on April 19, 2023.

NOW, THEREFORE, BE IT ORDAINED by the City Council of the City of Chandler, Arizona, as follows:

Section 1. That certain document known as the “2023 Amendments to Chapter 35—Historic Preservation,” one paper copy and one electronic copy of which shall remain on file in the office of the City Clerk, is hereby declared to be a public record.

Section 2. That the Chandler City Code is hereby amended by adoption of the amendments set forth in “2023 Amendments to Chapter 35—Historic Preservation,” said document having been declared to be a public record.

Section 3. Providing for Repeal of Conflicting Ordinances.

All ordinances or parts of ordinances in conflict with the provisions of this ordinance, or any parts hereof, are hereby repealed.

Section 4. Providing for Severability.

If any section, subsection, sentence, clause, phrase, or portion of this ordinance is for any reason held to be invalid or unconstitutional by the decision of any court of competent jurisdiction, such decision shall not affect the validity of the remaining portions thereof.

INTRODUCED AND TENTATIVELY APPROVED by the City Council of the City of Chandler, Arizona, this \_\_\_\_ day of \_\_\_\_\_, 2023.

ATTEST:

\_\_\_\_\_  
CITY CLERK

\_\_\_\_\_  
MAYOR

PASSED AND ADOPTED by the City Council of the City of Chandler, Arizona this \_\_\_\_ day of \_\_\_\_\_, 2023.

ATTEST:

\_\_\_\_\_  
CITY CLERK

\_\_\_\_\_  
MAYOR

CERTIFICATION

I, HEREBY CERTIFY, that the above and foregoing Ordinance No. 5051 was duly passed and adopted by the City Council of the City of Chandler, Arizona, at a regular meeting held on the \_\_\_\_ day of \_\_\_\_\_, 2023, and that a quorum was present thereat.

\_\_\_\_\_  
CITY CLERK

APPROVED AS TO FORM:

\_\_\_\_\_  
CITY ATTORNEY TA

Published in the Arizona Republic on:

2023 Amendments to Chapter 35—Historic Preservation  
{Public Record for Ordinance No. 5051}

The Chandler City Code, Chapter 35 – Historic Preservation is hereby amended as follows (additions in ALL CAPS, deletions in ~~strike through~~, omitted text indicated by ellipses as “...”):

Chapter 35. Article XXXIV – HISTORIC PRESERVATION

...

35-3403. Definitions.

...

GENERAL DESIGN GUIDELINES: THE *GENERAL DESIGN GUIDELINES FOR DESIGNATED HISTORIC PRESERVATION DISTRICTS AND LANDMARKS IN THE CITY OF CHANDLER* AS ADOPTED BY THE CITY COUNCIL.

...

Replacement/Reuse Plan: A plan for redevelopment within a Historic Preservation District that complies with existing zoning, the General Plan, Historic Preservation GENERAL Design Guidelines, and meet the City’s requirements for development and redevelopment.

...

35-3404. Historic Preservation Commission.

...

1)

...

The terms of the members shall be for three years and shall be staggered so that the terms of at least one, but not more than ~~two~~ FIVE shall conclude in any given year.

...

The Chandler Museum Administrator MANAGER shall serve as an ex officio member of the Commission.

...

4)

...

j. Recommend GENERAL Design Guidelines...GENERAL Design Guidelines may modify...

...

35-3405. Historic Preservation Officer

...

I. Act as a liaison with the State Historic Preservation Office.

THE CITY MANAGER MAY APPOINT ADDITIONAL STAFF MEMBERS AS ASSISTANT HISTORIC PRESERVATION OFFICERS TO ASSIST THE HISTORIC PRESERVATION OFFICER IN PERFORMANCE OF HISTORIC PRESERVATION DUTIES AND ACTIVITIES.

...

35-3407. Procedure for designating a Historic Conservation District or Heritage Site.

...

- b. For a Heritage Site identify the past event, structure, or district that no longer physically exists that was significant to the history of Chandler.

FOR APPLICATIONS THAT INCLUDE MULTIPLE PROPERTIES, THE HISTORIC PRESERVATION OFFICER MAY REQUIRE ADDITIONAL DOCUMENTATION THAT INDICATES CONSENT OF PROPERTY OWNERS TO BE INCLUDED WITHIN A HERITAGE SITE OR HISTORIC CONSERVATION DISTRICT.

...

35-3408. Procedure for establishing Historic Preservation District Overlay Zoning and Landmark Designation.

...

- c. A declaration and waiver in a form prescribed by the Historic Preservation Officer signed by the record owners of ~~at least 60~~ 90 percent OR MORE of the contributing properties in the proposed district. WHEN THE CALCULATION OF 60 PERCENT OF CONTRIBUTING PROPERTIES RESULTS IN A FRACTIONAL NUMBER, STANDARD MATHEMATICAL RULES OF ROUNDING TO THE NEAREST WHOLE NUMBER SHALL APPLY TO CALUCULATE THE REQUIRED NUMBER OF CONTRIBUTING PROPERTIES TO FORM A DISTRICT.

...

35-3410. Effect of Historic Preservation District Overlay Zoning and Landmark Designation.

Properties subject to a Historic Preservation District Zoning Overlay and Landmark Designation may not be altered or demolished except in compliance with the provisions of this Article.

- 1) The owners of contributing properties within a Historic Preservation District shall maintain the historic integrity of their properties. Any alteration to the exterior of these properties or new construction on vacant land shall ~~meet~~ CONFORM TO the GENERAL Design Guidelines adopted by the City Council. AND ANY ADDITIONAL GUIDELINES INCLUDED WITHIN THE SPECIFIC HISTORIC PRESERVATION OR LANDMARK DISTRICT ORDINANCE.

...

- 5) All new buildings on vacant land, permanent signs or other structures in a Historic Preservation District must follow the GENERAL DESIGN GUIDELINES ~~design guidelines~~ adopted by the City Council.

...

7) PROPERTIES WITHIN HISTORIC PRESERVATION OR LANDMARK DISTRICTS SHALL CONFORM TO THE PROVISIONS OF ARTICLE XXII EXCEPT:

- a. ADDITIONS AND ACCESSORY STRUCTURES NEED NOT BE COMMENSURATE IN MATERIAL OR ARCHITECTURAL STYLE TO THE PRINCIPAL STRUCTURE BUT MUST BE COMMENSURATE IN ARCHITECTURAL QUALITY AND BE CONSISTENT IN SCALE.
- b. WALLS AND FENCES MAY BE PRIMARILY CONSTRUCTED OF WOOD IN HISTORIC PRESERVATION AND LANDMARK DISTRICTS WHERE OTHER SUCH WALLS AND FENCES ARE EXTANT AND MUST ALSO FOLLOW THE GENERAL DESIGN GUIDELINES.

...

35-3411. Certificate of no effect or certificate of appropriateness.

...

- 2) The proposed work is minor and clearly within the adopted GENERAL Design Guidelines.

...

- 4)
  - b. The proposed work conforms to the GENERAL Design Guidelines and ...

...



**City Council Memorandum      Facilities and Fleet    Memo No. N/A**

**Date:** May 22, 2023  
**To:** Mayor and Council  
**Thru:** Joshua H. Wright, City Manager  
Dawn Lang, Deputy City Manager - CFO  
**From:** Mike Hollingsworth, Facility & Fleet Services Senior Manager  
**Subject:** Purchase of Carpet Installation Services for Main Police Station Carpet Replacement Project

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**Proposed Motion:**

Move City Council approve the purchase of carpet installation services, from Continental Flooring Company, utilizing the State of Arizona Contract No. CTR043427, in an amount not to exceed \$143,000, for the Main Police Station carpet replacement.

**Background/Discussion:**

The City of Chandler Main Police Station, located at 250 East Chicago Street, needs carpet replacement on the first and second floor, as it is past its useful life at about 15 years old. This request will allow Continental Flooring to furnish and install 33,965 square feet of new flooring to include 26,280 square feet of carpet and 7,685 square feet of luxury vinyl tile (LVT) in the hallways.

**Evaluation:**

The State of Arizona competitively solicited and awarded a contract to Continental Flooring Company for carpet installation services. The City has an agreement with the State of Arizona that permits the cooperative use of its contracts. The term of the State of Arizona contract is valid through March 31, 2024.

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**Fiscal Impact**

Account No.	Fund Name	Program Name	Dollar Amount	CIP Funded Y/N
401.3210.6210.6BF628	General Government Capital Fund	Existing City Building Reno/Rep	\$143,000	Y

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**City Council Memorandum      Information Technology    Memo No. N/A**

**Date:** May 22, 2023  
**To:** Mayor and Council  
**Thru:** Joshua H. Wright, City Manager  
Dawn Lang, Deputy City Manager - CFO  
Sandip Dholakia, Chief Information Officer  
**From:** Molly Mahai, IT Chief Infrastructure Officer  
**Subject:** Purchase of Information Technology Temporary Staffing Services

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**Proposed Motion:**

Move City Council approve the purchase of information technology temporary staffing services, from Computer Aid, Inc., utilizing the Sourcwell Contract No. 071321-CAI, in the amount of \$507,600.

**Background/Discussion:**

The Information Technology (IT) Department has historically hired temporary employees to assist in special projects or backfill vacant positions by utilizing competitively bid temporary staffing agreements. These temporary employees have specialized skills in specific technical areas which complement IT staff and work on a temporary basis for a specific assignment. This request is for several temporary resources that will assist in networking and security for Water and Wastewater systems (\$353,600), and the Budget software replacement project (\$154,000). The hourly rates range from \$80 to \$200 depending on the skill set required. The estimated duration of the assignments ranges from two to 18 months.

**Evaluation:**

Sourcwell competitively solicited and awarded a contract for managed service providers specifically for specialized IT staffing resources. The City has a current agreement with Sourcwell allowing for the cooperative use of its contracts. The City has an existing linking agreement with Computer Aid, Inc., for the cooperative use of this contract. The term of the Sourcwell contract is valid through September 10, 2025.

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**Fiscal Impact**

<b>Account No.</b>	<b>Fund Name</b>	<b>Program Name</b>	<b>Dollar Amount</b>	<b>CIP Funded Y/N</b>
605.3050.5219.0.0.0	Water Operating Fund	N/A	\$176,800	N
615.3050.5219.0.0.0	Wastewater Operating Fund	N/A	\$176,800	N
401.1285.5219.0.6IC121.0	General Government Capital Fund	Budget Replacement Software	\$154,000	Y

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**City Council Memorandum      Management Services      Memo No. N/A**

**Date:** May 22, 2023  
**To:** Mayor and Council  
**Thru:** Joshua H. Wright, City Manager  
Dawn Lang, Deputy City Manager - CFO  
Kristi Smith, Financial Services Assistant Director  
**From:** Christina Pryor, Procurement & Supply Senior Manager  
**Subject:** Agreement No. WH3-890-4597 for Waterworks Supplies

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**Proposed Motion:**

Move City Council approve Agreement No. WH3-890-4597, with Core and Main, LP, and Ferguson Enterprises, LLC, for waterworks supplies, in an amount not to exceed \$500,000, for the period of June 1, 2023, through May 31, 2024.

**Background/Discussion:**

This agreement is for the City's annual requirements for the supply of waterworks products. The products are stocked in the City's Central Supply warehouse and used primarily by the Water Distribution Division. In addition to items stocked in Central Supply, Water Distribution will purchase some products directly from the vendor. Products available under the agreement include hydrants, valves, and copper and brass fittings, as well as mechanical joints, fittings, and pipe, and are used as needed by the Public Works and Utilities Department for both routine and emergency operations.

**Evaluation:**

On March 10, 2023, City staff issued Invitation for Bid No. WH3-890-3914, for waterworks supplies. Notification was sent to all registered vendors. Three bids were received from the following offerors:

Arizona Water Works Supply, Inc.  
Core and Main, LP  
Ferguson Enterprises, LLC

Staff recommends award to Core and Main, LP, and Ferguson Enterprises, LLC, as the lowest responsive and responsible bids.

**Financial Implications:**

Funds for the requested supplies will come from the Central Supply Inventory account (101.0000.1516). Individual cost centers will be charged for the supplies as they are issued from Central Supply.

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Fiscal Impact				
Account No.	Fund Name	Program Name	Dollar Amount	CIP Funded Y/N
101.0000.1516.0.0.0	General	N/A	\$500,000	N

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**Attachments**

Core and Main Agreement  
Ferguson Agreement



City Clerk Document No. \_\_\_\_\_

City Council Meeting Date: \_\_\_\_\_

**CITY OF CHANDLER PURCHASE AGREEMENT  
WATER WORKS SUPPLIES  
CITY OF CHANDLER AGREEMENT NO. WH3-890-4597**

THIS AGREEMENT (Agreement) is made and entered into by and between the City of Chandler, an Arizona municipal corporation (City), and Core and Main, LP, a Florida Corporation (Contractor), (City and Contractor may individually be referred to as Party and collectively referred to as Parties), made \_\_\_\_\_, 2023 (Effective Date).

**RECITALS**

A. City proposes to purchase water works supplies as more fully described in Exhibit A, which is attached to and made a part of this Agreement by this reference.

B. Contractor is ready, willing, and able to provide the goods or 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.

C. City desires to contract with the Contractor to provide these goods or services under the terms and conditions set forth in this Agreement.

**AGREEMENT**

**NOW, THEREFORE**, in consideration of the premises and the mutual promises contained in this Agreement, City and Contractor agree as follows:

**SECTION I: DEFINITIONS**

For purposes of this Agreement, the following definitions apply:

**Agreement** means the legal agreement executed between the City and the Contractor

**City** means the City of Chandler, Arizona

**Contractor** means the individual, partnership, or corporation named in the Agreement

**Days** means calendar days

**May, Should** means something that is not mandatory but permissible

**Shall, Will, Must** means a mandatory requirement

**SECTION II: CONTRACTOR'S SERVICES**

Contractor must perform in accordance with Exhibit A to the City's satisfaction within the terms and conditions of this Agreement and within the care and skill that a person who provides similar goods

services in Chandler, Arizona exercises under similar conditions. All goods or services furnished by Contractor under this Agreement must be performed in a skilled and workmanlike manner. Unless authorized by the City in writing, all fixtures, furnishings, and equipment furnished by Contractor as part of the goods or services under this Agreement must be new, or the latest model, and of the most suitable grade and quality for the intended purpose of the goods or services.

### **SECTION III: PERIOD OF SERVICE**

Contractor must perform in accordance with Exhibit A for the term of this Agreement.

The term of the Agreement is one year and begins on June 1, 2023, and ends on May 31, 2024, unless sooner terminated in accordance with this Agreement. The City and the Contractor may mutually agree to extend the Agreement for up to four additional terms of one year each, or portions thereof. The City reserves the right, at its sole discretion, to extend the Agreement for up to 60 days beyond the expiration of any extension term.

### **SECTION IV: PAYMENT OF COMPENSATION AND FEES**

4.1 Unless amended in writing by the Parties, Contractor's compensation and fees as more fully described in Exhibit B for performance approved and accepted by the City under this Agreement must not exceed \$500,000, including all companion agreements. Contractor must submit requests for payment for goods or services approved and accepted during the previous billing period and must include, as applicable, detailed invoices and receipts, a narrative description of the tasks accomplished during the billing period, a list of any deliverables submitted, and any subcontractor's or supplier's actual requests for payment plus similar narrative and listing of their work. Payment for those goods or services negotiated as a lump sum will be made in accordance with the percentage of the goods furnished or services completed during the preceding billing period. Goods or services negotiated as a not-to-exceed fee will be paid in accordance with the goods furnished or services completed during the preceding month. All requests for payment must be submitted to the City for review and approval. The City will make payment for approved and accepted goods or services within 30 days of the City's receipt of the request for payment.

4.2 Applicable Taxes. The Contractor will pay all applicable taxes. The City is subject to all applicable state and local transaction privilege taxes. To the extent any state and local transaction privilege taxes apply to sales made under the terms of this Agreement, it is the responsibility of the Contractor to collect and remit all applicable taxes to the proper taxing jurisdiction of authority.

4.3 Tax Indemnification. The Contractor and all subcontractors will pay all Federal, state, and local taxes applicable to its operation and any persons employed by the Contractor. The Contractor will and require all subcontractors to hold the City harmless from any responsibility for taxes, damages, and interest, if applicable, contributions required under Federal, state, and local laws and regulations and any other costs including transaction privilege taxes, unemployment compensation insurance, Social Security, and Worker's Compensation.

4.4 All prices offered herein shall be firm against any increase for the initial term of the Agreement. Prior to commencement of subsequent renewal terms, the City may approve a fully documented request for a price adjustment. The City shall determine whether any requested price increases for extension terms is acceptable to the City. If the City approves the price increase, the price shall

remain firm for the renewal term for which it was requested. If a price increase is agreed upon by the Parties a written Agreement Amendment shall be approved and executed by the Parties.

## **SECTION V: GENERAL CONDITIONS**

5.1 Records/Audit. Records of the Contractor's direct personnel payroll, reimbursable expenses pertaining to this Agreement and records of accounts between the City and Contractor must be kept on the basis of generally accepted accounting principles and must be made available to the City and its auditors for up to three years following the City's final acceptance of the goods or services under this Agreement. The City, its authorized representative, or any federal agency, reserves the right to audit Contractor's records to verify the accuracy and appropriateness of all cost and pricing data, including data used to negotiate this Agreement and any amendments. The City reserves the right to decrease the total amount of Agreement price or payments made under this Agreement or request reimbursement from the Contractor following final contract payment on this Agreement if, upon audit of the Contractor's records, the audit discloses the Contractor has provided false, misleading, or inaccurate cost and pricing data. The Contractor will include a similar provision in all of its contracts with subcontractors providing goods or services under the Agreement Documents to ensure that the City, its authorized representative, or the appropriate federal agency, has access to the subcontractors' records to verify the accuracy of all cost and pricing data. The City reserves the right to decrease Contract price or payments made on this Agreement or request reimbursement from the Contractor following final payment on this Agreement if the above provision is not included in subcontractor agreements, and one or more subcontractors refuse to allow the City to audit their records to verify the accuracy and appropriateness of all cost and pricing data. If, following an audit of this Agreement, the audit discloses the Contractor has provided false, misleading, or inaccurate cost and pricing data, and the cost discrepancies exceed 1% of the total Agreement billings, the Contractor will be liable for reimbursement of the reasonable, actual cost of the audit.

5.2 Alteration in Character of Work. Whenever an alteration in the character of work results in a substantial change in this Agreement, thereby materially increasing or decreasing the scope of work, cost of goods, cost of performance, or Project schedule, the goods or services will be performed as directed by the City. However, before any modified work is started, a written amendment must be approved and executed by the City and the Contractor. Such amendment must not be effective until approved by the City. Additions to, modifications, or deletions from this Agreement as provided herein may be made, and the compensation to be paid to the Contractor may accordingly be adjusted by mutual agreement of the Parties. It is distinctly understood and agreed that no claim for extra work done or materials furnished by the Contractor will be allowed by the City except as provided herein, nor must the Contractor do any work or furnish any materials not covered by this Agreement unless such work is first authorized in writing. Any such work or materials furnished by the Contractor without prior written authorization will be at Contractor's own risk, cost, and expense, and Contractor hereby agrees that without written authorization Contractor will make no claim for compensation for such work or materials furnished.

5.3 Termination for Convenience. The City and the Contractor hereby agree to the full performance of the covenants contained herein, except that the City reserves the right, at its discretion and without cause, to terminate or abandon any purchase or service provided for in this Agreement, or abandon any portion of the Project for which the Contractor has performed. In the event the City abandons or suspends the purchase or services, or any part of the

purchase or services as provided in this Agreement, the City will notify the Contractor in writing and immediately after receiving such notice, the Contractor must discontinue advancing the work specified under this Agreement. Upon such termination, abandonment, or suspension, the Contractor must deliver to the City all drawings, plans, specifications, special provisions, estimates and other work entirely or partially completed, together with all unused materials supplied by the City. The Contractor must appraise the goods or services Contractor has completed and submit Contractor's appraisal to the City for evaluation. The City may inspect the Contractor's goods or services to appraise the status completed. The Contractor will receive compensation in full for goods provided or services performed to the date of such termination. The fee will be paid in accordance with Section IV of this Agreement, and as mutually agreed upon by the Contractor and the City. If there is no mutual agreement on payment, the final determination will be made in accordance with the Disputes provision in this Agreement. However, in no event may the payment exceed the payment set forth in this Agreement nor as amended in accordance with Alteration in Character of Work. The City will make the final payment within 60 days after the Contractor has delivered the last of the partially completed items and the Parties agree on the final payment. If the City is found to have improperly terminated the Agreement for cause or default, the termination will be converted to a termination for convenience in accordance with the provisions of this Agreement.

5.4 Termination for Cause. The City may terminate this Agreement for Cause upon the occurrence of any one or more of the following events: in the event that (a) the Contractor fails to perform pursuant to the terms of this Agreement, (b) the Contractor is adjudged a bankrupt or insolvent, (c) the Contractor makes a general assignment for the benefit of creditors, (d) a trustee or receiver is appointed for Contractor or for any of Contractor's property (e) the Contractor files a petition to take advantage of any debtor's act, or to reorganize under the bankruptcy or similar laws, (f) the Contractor disregards laws, ordinances, rules, regulations or orders of any public body having jurisdiction, or (g) the Contractor fails to cure default within the time requested. Where Agreement has been so terminated by City, the termination will not affect any rights of City against Contractor then existing or which may thereafter accrue.

5.5 Indemnification. The Contractor (Indemnitor) must indemnify, defend, save and hold harmless the City and its officers, officials, agents and employees (Indemnatee) from any and all claims, actions, liabilities, damages, losses or expenses (including court costs, attorneys' fees and costs of claim processing, investigation and litigation) (Claims) caused or alleged to be caused, in whole or in part, by the wrongful, negligent or willful acts, or errors or omissions of the Contractor or any of its owners, officers, directors, agents, employees, or subcontractors in connection with this Agreement. This indemnity includes any claim or amount arising out of or recovered under workers' compensation law or on account of the failure of the Contractor to conform to any federal, state or local law, statute, ordinance, rule, regulation or court decree. The Contractor must indemnify Indemnatee from and against any and all Claims, except those arising solely from Indemnatee's own negligent or willful acts or omissions. The Contractor is responsible for primary loss investigation, defense and judgment costs where this indemnification applies. In consideration of the award of this Agreement, the Contractor agrees to waive all rights of subrogation against Indemnatee for losses arising from or related to this Agreement. The obligations of the Contractor under this provision survive the termination or expiration of this Agreement.

5.6 Insurance Requirements. Contractor must procure insurance under the terms and conditions and for the amounts of coverage set forth in Exhibit C against claims that may arise



from or relate to performance of the work under this Agreement by Contractor and its agents, representatives, employees, and subcontractors. Contractor and any subcontractors must maintain this insurance until all of their obligations have been discharged, including any warranty periods under this Agreement. These insurance requirements are minimum requirements for this Agreement and in no way limit the indemnity covenants contained in this Agreement. The City in no way warrants that the minimum limits stated in Exhibit C are sufficient to protect the Contractor from liabilities that might arise out of the performance of the work under this Agreement by the Contractor, the Contractor's agents, representatives, employees, or subcontractors. Contractor is free to purchase such additional insurance as may be determined necessary.

5.7 Cooperation and Further Documentation. The Contractor agrees to provide the City such other duly executed documents as may be reasonably requested by the City to implement the intent of this Agreement.

5.8 Notices. Unless otherwise provided, notice under this Agreement must be in writing and will be deemed to have been duly given and received either (a) on the date of service if personally served on the party to whom notice is to be given, or (b) on the date notice is sent if by electronic mail, or (c) on the third day after the date of the postmark of deposit by first class United States mail, registered or certified, postage prepaid and properly addressed as follows:

**For the City**

Name: Juan Martinez  
Title: Warehouse & Supply Program Manager  
Address: 975 E. Armstrong Way. Bldg. I  
Chandler, AZ 85286  
Phone: 480-782-2416  
Email: juan.martinez@chandleraz.gov

**For the Contractor**

Name: Thomas Otto  
Title: Account Manager  
Address: 1410 W. Harvard Ave.  
Gilbert, AZ 85040  
Phone: 623-734-6115  
Email: Thomas.otto@coreandmain.com

5.9 Successors and Assigns. City and Contractor each bind itself, its partners, successors, assigns, and legal representatives to the other party to this Agreement and to the partners, successors, assigns, and legal representatives of such other party in respect to all covenants of this Agreement. Neither the City nor the Contractor may assign, sublet, or transfer its interest in this Agreement without the written consent of the other party. In no event may any contractual relation be created between any third party and the City.

5.10 Disputes. In any dispute arising out of an interpretation of this Agreement or the duties required not disposed of by agreement between the Contractor and the City, the final determination at the administrative level will be made by the City Purchasing and Materials Manager.

5.11 Completeness and Accuracy of Contractor's Work. The Contractor must be responsible for the completeness and accuracy of Contractor's services, data, and other work prepared or compiled under Contractor's obligation under this Agreement and must correct, at Contractor's expense, all willful or negligent errors, omissions, or acts that may be discovered. The fact that the City has accepted or approved the Contractor's work will in no way relieve the Contractor of any of Contractor's responsibilities.

5.12 Withholding Payment. The City reserves the right to withhold funds from the Contractor's payments up to the amount equal to the claims the City may have against the Contractor until such time that a settlement on those claims has been reached.

5.13 City's Right of Cancellation. The Parties acknowledge that this Agreement is subject to cancellation by the City under the provisions of Section 38-511, Arizona Revised Statutes (A.R.S.).

5.14 Independent Contractor. For this Agreement the Contractor constitutes an independent contractor. Any provisions in this Agreement that may appear to give the City the right to direct the Contractor as to the details of accomplishing the work or to exercise a measure of control over the work means that the Contractor must follow the wishes of the City as to the results of the work only. These results must comply with all applicable laws and ordinances.

5.15 Project Staffing. Prior to the start of any work under this Agreement, the Contractor must assign to the City the key personnel that will be involved in furnishing goods or performing services prescribed in the Agreement. The City may acknowledge its acceptance of such personnel to furnish goods or perform services under this Agreement. At any time hereafter that the Contractor desires to change key personnel while performing under the Agreement, the Contractor must submit the qualifications of the new personnel to the City for prior approval. The Contractor will maintain an adequate and competent staff of qualified persons, as may be determined by the City, throughout the performance of this Agreement to ensure acceptable and timely completion of the Scope of Work. If the City objects, with reasonable cause, to any of the Contractor's staff, the Contractor must take prompt corrective action acceptable to the City and, if required, remove such personnel from the Project and replace with new personnel agreed to by the City.

5.16 Subcontractors. Prior to beginning the work, the Contractor must furnish the City for approval the names of subcontractors to be used under this Agreement. Any subsequent changes are subject to the City's written prior approval.

5.17 Force Majeure. If either party is delayed or prevented from the performance of any act required under this Agreement by reason of acts of God or other cause beyond the control and without fault of the Party (financial inability excepted), performance of that act may be excused, but only for the period of the delay, if the Party provides written notice to the other Party within ten days of such act. The time for performance of the act may be extended for a period equivalent to the period of delay from the date written notice is received by the other Party.

5.18 Compliance with Laws. Contractor understands, acknowledges, and agrees to comply with the Americans with Disabilities Act, the Immigration Reform and Control Act of 1986 and the Drug Free Workplace Act of 1989. All services performed by Contractor must also comply with all applicable City of Chandler codes, ordinances, and requirements. Contractor agrees to permit the City to verify Contractor's compliance.

5.19 No Israel Boycott. By entering into this Agreement, Contractor certifies that Contractor is not currently engaged in, and agrees for the duration of the Agreement, not to engage in a boycott of Israel as defined by state statute.

5.20 Legal Worker Requirements. A.R.S. § 41-4401 prohibits the City from awarding a contract to any contractor who fails, or whose subcontractors fail, to comply with A.R.S. § 23-214(A). Therefore, Contractor agrees Contractor and each subcontractor it uses warrants their compliance with all federal immigration laws and regulations that relate to their employees and their compliance with § 23-214, subsection A. A breach of this warranty will be deemed a material breach of the Agreement and may be subject to penalties up to and including termination of the Agreement. City retains the legal right to inspect the papers of any Contractor's or subcontractor's employee who provides goods or services under this Agreement to ensure that the Contractor and subcontractors comply with the warranty under this provision.

5.21 Lawful Presence Requirement. A.R.S. §§ 1-501 and 1-502 prohibit the City from awarding a contract to any natural person who cannot establish that such person is lawfully present in the United States. To establish lawful presence, a person must produce qualifying identification and sign a City-provided affidavit affirming that the identification provided is genuine. This requirement will be imposed at the time of contract award. This requirement does not apply to business organizations such as corporations, partnerships, or limited liability companies.

5.22 Forced Labor of Ethnic Uyghurs Prohibited. By entering into this Agreement, Contractor certifies and agrees Contractor does not currently use and will not use for the term of this Agreement: (i) the forced labor of ethnic Uyghurs in the People's Republic of China; or (ii) any goods or services produced by the forced labor of ethnic Uyghurs in the People's Republic of China; or (iii) any contractors, subcontractors or suppliers that use the forced labor or any goods or services produced by the forced labor of ethnic Uyghurs in the People's Republic of China.

5.23 Covenant Against Contingent Fees. Contractor warrants that no person has been employed or retained to solicit or secure this Agreement upon an agreement or understanding for a commission, percentage, brokerage, or contingent fee, and that no member of the Chandler City Council, or any City employee has any interest, financially, or otherwise, in Contractor's firm. For breach or violation of this warrant, the City may annul this Agreement without liability or, at its discretion, to deduct from the Agreement price or consideration, the full amount of such commission, percentage, brokerage, or contingent fee.

5.24 Non-Waiver Provision. The failure of either Party to enforce any of the provisions of this Agreement or to require performance of the other Party of any of the provisions hereof must not be construed to be a waiver of such provisions, nor must it affect the validity of this Agreement or any part thereof, or the right of either Party to thereafter enforce each and every provision.

5.25 Disclosure of Information Adverse to the City's Interests. To evaluate and avoid potential conflicts of interest, the Contractor must provide written notice to the City, as set forth in this Section, of any work or services performed by the Contractor for third parties that may involve or be associated with any real property or personal property owned or leased by the City. Such notice must be given seven business days prior to commencement of the services by the Contractor for a third party, or seven business days prior to an adverse action as defined below. Written notice and disclosure must be sent to the City's Purchasing and Materials Manager. An adverse action under this Agreement includes, but is not limited to: (a) using data as defined in

the Agreement acquired in connection with this Agreement to assist a third party in pursuing administrative or judicial action against the City; or (b) testifying or providing evidence on behalf of any person in connection with an administrative or judicial action against the City; or (c) using data to produce income for the Contractor or its employees independently of performing the services under this Agreement, without the prior written consent of the City. Contractor represents that except for those persons, entities, and projects identified to the City, the services performed by the Contractor under this Agreement are not expected to create an interest with any person, entity, or third-party project that is or may be adverse to the City's interests. Contractor's failure to provide a written notice and disclosure of the information as set forth in this Section constitute a material breach of this Agreement.

5.26 Data Confidentiality and Data Security. As used in the Agreement, data means all information, whether written or verbal, including plans, photographs, studies, investigations, audits, analyses, samples, reports, calculations, internal memos, meeting minutes, data field notes, work product, proposals, correspondence and any other similar documents or information prepared by, obtained by, or transmitted to the Contractor or its subcontractors in the performance of this Agreement. The Parties agree that all data, regardless of form, including originals, images, and reproductions, prepared by, obtained by, or transmitted to the Contractor or its subcontractors in connection with the Contractor's or its subcontractor's performance of this Agreement is confidential and proprietary information belonging to the City. Except as specifically provided in this Agreement, Contractor or its subcontractors must not divulge data to any third party without the City's prior written consent. Contractor or its subcontractors must not use the data for any purposes except to perform the services required under this Agreement. These prohibitions do not apply to the following data provided to the Contractor or its subcontractors have first given the required notice to the City: (a) data which was known to the Contractor or its subcontractors prior to its performance under this Agreement unless such data was acquired in connection with work performed for the City; or (b) data which was acquired by the Contractor or its subcontractors in its performance under this Agreement and which was disclosed to the Contractor or its subcontractors by a third party, who to the best of the Contractor's or its subcontractors knowledge and belief, had the legal right to make such disclosure and the Contractor or its subcontractors are not otherwise required to hold such data in confidence; or (c) data which is required to be disclosed by virtue of law, regulation, or court order, to which the Contractor or its subcontractors are subject. In the event the Contractor or its subcontractors are required or requested to disclose data to a third party, or any other information to which the Contractor or its subcontractors became privy as a result of any other contract with the City, the Contractor must first notify the City as set forth in this Section of the request or demand for the data. The Contractor or its subcontractors must give the City sufficient facts so that the City can be given an opportunity to first give its consent or take such action that the City may deem appropriate to protect such data or other information from disclosure. Unless prohibited by law, within ten calendar days after completion or termination of services under this Agreement, the Contractor or its subcontractors must promptly deliver, as set forth in this Section, a copy of all data to the City. All data must continue to be subject to the confidentiality agreements of this Agreement. Contractor or its subcontractors assume all liability to maintain the confidentiality of the data in its possession and agrees to compensate the City if any of the provisions of this Section are violated by the Contractor, its employees, agents or subcontractors. Solely for the purposes of seeking injunctive relief, it is agreed that a breach of this Section must be deemed to cause irreparable harm that justifies injunctive relief in court. Contractor agrees that the requirements of this Section must be incorporated into all subcontracts entered

into by Contractor. A violation of this Section may result in immediate termination of this Agreement without notice.

5.27 Personal Identifying Information-Data Security. Personal identifying information, financial account information, or restricted City information, whether electronic format or hard copy, must be secured and protected at all times by Contractor and any of its subcontractors. At a minimum, Contractor must encrypt or password-protect electronic files. This includes data saved to laptop computers, computerized devices, or removable storage devices. When personal identifying information, financial account information, or restricted City information, regardless of its format, is no longer necessary, the information must be redacted or destroyed through appropriate and secure methods that ensure the information cannot be viewed, accessed, or reconstructed. In the event that data collected or obtained by Contractor or its subcontractors in connection with this Agreement is believed to have been compromised, Contractor or its subcontractors must immediately notify the City contact. Contractor agrees to reimburse the City for any costs incurred by the City to investigate potential breaches of this data and, where applicable, the cost of notifying individuals who may be impacted by the breach. Contractor agrees that the requirements of this Section must be incorporated into all subcontracts entered into by Contractor. It is further agreed that a violation of this Section must be deemed to cause irreparable harm that justifies injunctive relief in court. A violation of this Section may result in immediate termination of this Agreement without notice. The obligations of Contractor or its subcontractors under this Section must survive the termination of this Agreement.

5.28 Jurisdiction and Venue. This Agreement is made under and must be construed in accordance with and governed by the laws of the State of Arizona without regard to the conflicts or choice of law provisions thereof. Any action to enforce any provision of this Agreement or to obtain any remedy with respect hereto must be brought in the courts located in Maricopa County, Arizona, and for this purpose, each Party hereby expressly and irrevocably consents to the jurisdiction and venue of such court.

5.29 Survival. All warranties, representations, and indemnifications by the Contractor must survive the completion or termination of this Agreement.

5.30 Modification. Except as expressly provided herein to the contrary, no supplement, modification, or amendment of any term of this Agreement will be deemed binding or effective unless in writing and signed by the Parties.

5.31 Severability. If any provision of this Agreement or the application to any person or circumstance may be invalid, illegal or unenforceable to any extent, the remainder of this Agreement and the application will not be affected and will be enforceable to the fullest extent permitted by law.

5.32 Integration. This Agreement contains the full agreement of the Parties. Any prior or contemporaneous written or oral agreement between the Parties regarding the subject matter is merged and superseded.

5.33 Time is of the Essence. Time of each of the terms, covenants, and conditions of this Agreement is hereby expressly made of the essence.

5.34 Date of Performance. If the date of performance of any obligation or the last day of any time period provided for should fall on a Saturday, Sunday, or holiday for the City, the obligation will be due and owing, and the time period will expire, on the first day after which is not a Saturday, Sunday or legal City holiday. Except as may otherwise be set forth in this Agreement, any performance provided for herein will be timely made if completed no later than 5:00 p.m. (Chandler time) on the day of performance.

5.35 Third Party Beneficiary. Nothing under this Agreement will be construed to give any rights or benefits in the Agreement to anyone other than the City and the Contractor, and all duties and responsibilities undertaken pursuant to this Agreement will be for the sole and exclusive benefit of City and the Contractor and not for the benefit of any other party.

5.36 Conflict in Language. All work performed must conform to all applicable City of Chandler codes, ordinances, and requirements as outlined in this Agreement. If there is a conflict in interpretation between provisions in this Agreement and those in the Exhibits, the provisions in this Agreement prevail.

5.37 Document/Information Release. Documents and materials released to the Contractor, which are identified by the City as sensitive and confidential, are the City's property. The document/material must be issued by and returned to the City upon completion of the services under this Agreement. Contractor's secondary distribution, disclosure, copying, or duplication in any manner is prohibited without the City's prior written approval. The document/material must be kept secure at all times. This directive applies to all City documents, whether in photographic, printed, or electronic data format.

5.38 Exhibits. The following exhibits are made a part of this Agreement and are incorporated by reference:

Exhibit A - Project Description/Scope of Work  
Exhibit B - Compensation and Fees  
Exhibit C - Insurance Requirements  
Exhibit D - Special Conditions

5.39 Special Conditions. As part of the goods furnished or the services Contractor provides under this Agreement, Contractor agrees to comply with and fully perform the special terms and conditions set forth in Exhibit D, which is attached to and made a part of this Agreement.

5.40 Non-Discrimination and Anti-Harassment Laws. Contractor must comply with all applicable City, state, and federal non-discrimination and anti-harassment laws, rules, and regulations.

5.41 Licenses and Permits. Beginning with the Effective Date and for the full term of this Agreement, Contractor must maintain all applicable City, state, and federal licenses and permits required to fully perform Contractor's services under this Agreement.

5.42 Warranties. Unless otherwise provided in Exhibit D, the Contractor must furnish a one-year warranty on all work and services performed under this Agreement. Contractor must

furnish, or cause to be furnished, a two-year warranty on all fixtures, furnishings, and equipment furnished by Contractor, subcontractors, or suppliers under this Agreement. Any defects in design, workmanship, or materials that do not comply with this Agreement must be corrected by Contractor (including, but not limited to, all parts and labor) at Contractor's sole cost and expense. All written warranties and redlines for as-built conditions must be delivered to the City on or before the City's final acceptance of Contractor's services under this Agreement.

5.43 Liens. The Contractor warrants that the materials supplied under this Agreement are free of liens and will remain free of liens.

5.44 Quality. Unless otherwise modified elsewhere in these terms and conditions, the Contractor warrants that, for one year after acceptance by the City of the materials, they will be (a) of a quality to pass without objection in the trade under the Agreement description, (b) fit for the intended purposes for which the materials are used, (c) within the variations permitted by the Agreement and are of even kind, quantity, and quality within each unit and among all units, (d) adequately contained, packaged and marked as the Agreement may require, and (e) conform to the Contractor's written promises or affirmations of fact.

5.45 Fitness. The Contractor warrants that any material supplied to City will fully conform to all requirements of the Agreement and all the Contractor's representations, and will be fit for all purposes and uses required by the Agreement.

5.46 Inspection/Testing. The warranties set forth in the Agreement are not affected by the City's inspection or testing of or payment for the materials by the City.

5.47 Packing and Shipping. The Contractor will be responsible for industry standard packing, which conforms to requirements of carrier's tariffs and Interstate Commerce Commission (ICC) regulations. Containers must be clearly marked as to lot number, destination, address, and purchase order number.

5.48 Delivery. All prices are F.O.B. Destination and include all delivery and unloading at the specified destinations. The Contractor will retain title and control of all goods until they are delivered and accepted by the City. All risk of transportation and all related charges will be the responsibility of the Contractor. All claims for visible or concealed damage will be filed by the Contractor. The City will notify the Contractor promptly of any damaged goods and will assist the Contractor in arranging for inspection.

5.49 Risk of Loss. The Contractor will bear all loss of conforming material covered under this Agreement until received by authorized personnel at the location designated in the purchase order or Agreement. Mere receipt does not constitute final acceptance. The risk of loss for nonconforming materials will remain with the Contractor regardless of receipt.

5.50 Current Products. All products offered in response to this solicitation will be in current and ongoing production; will have been formally announced for general marketing purposes; will be a model or type currently functioning in a user (paying customer) environment and capable of meeting or exceeding all specifications and requirements set forth in the City's solicitation.

5.51 Annual Usage Report. Upon request, the Contractor will furnish to the City an annual usage report delineating the acquisition activity governed by the Agreement. The format of the report will be approved by the City and will disclose the quantity and the dollar value of each agreement item by individual purchasing unit.

5.52 Catalogs/Agreement Price Listing. As applicable, the Contractor will furnish to all requesting departments catalogs at no cost, which will outline agreement prices.

5.53 Emergency Purchases. City reserves the rights to purchase from other sources those items, which are required on an emergency basis and cannot be supplied immediately by the Contractor.

5.54 Non-Exclusive Agreement. This agreement is for the sole convenience of the City of Chandler. The City reserves the right to obtain like goods or services from another source when necessary.

5.55 Budget Approval Into Next Fiscal Year. This Agreement will commence on the Effective Date and continue in full force and effect until it is terminated or expires in accordance with the provisions of this Agreement. The Parties recognize that the continuation of this Agreement after the close of the City's fiscal year, which ends on June 30 of each year, is subject to the City Council's approval of a budget that includes an appropriation for this item as an expenditure. The City does not represent that this budget item will be actually adopted. This determination is solely made by the City Council at the time Council adopts the budget.

This Agreement shall be in full force and effect only when it has been approved and executed by the duly authorized City officials.

**FOR THE CITY**

By: \_\_\_\_\_

Its: \_\_\_\_\_

**FOR THE CONTRACTOR**

By: Tom Otto \_\_\_\_\_

Its: Account Manager \_\_\_\_\_

**APPROVED AS TO FORM:**

By: \_\_\_\_\_  
City Attorney 

**ATTEST:**

By: \_\_\_\_\_  
City Clerk



## **EXHIBIT A TO AGREEMENT SCOPE OF WORK**

**ITEM SPECIFICATIONS – All items must conform to the City’s list of approved manufacturers for each category. Bidder must provide a manufacturer name and part number per line item where one is not specified.**

City of Chandler Approved manufacturers by category

### **Water Valve Manufacturers:**

1. Clow Valve Co.
2. Mueller Co. or products manufactured with the exact specifications i.e. all parts are interchangeable
3. Kennedy Valve Co.
4. American Cast Iron Pipe Co.

### **Fire Hydrants:**

1. Mueller Centurion
2. Clow Medallion
3. Waterous Pacer
4. Kennedy Guardian

### **Approved Restrained Joints for Fittings:**

1. Series 1100 mega lug restraint produced by EBAA Iron, Inc.
2. Series 3000-3333S Stargrip by Star Pipe Products
3. Sigma DIP One Lok SLDE Series
4. Tyler Union Tuf Grip Restraint

### **Water Meter Angle Ball Valves and CORP Stops (No Approved Equals):**

1. Ford
2. Mueller
3. AY McDonald
4. Jones

### **Water Meter Adaptors:**

1. The Ford Meter Box Company, Meter Adaptors to change meter spud size and/or length

### **Backflow Prevention Assemblies:**

Backflow prevention assemblies shall conform to the current list issued by Foundation for Cross Connection Control and Hydraulic Research, University of California and/or the American Society

of Safety Engineers and be UL listed or FM approved for the fire protection use when used for fire protection systems.

**Combination Air/Vacuum Assemblies:**

1. Apco 145C
2. A.R.I D-040

**Hymax and Flex Couplings** - All flex couplings (4"-16") shall be 2 bolt with multiple OD ranges. If bidding other than Hymax, bidder must provide descriptive literature with bid. Samples may be requested at the discretion of City per Section 3.5 Samples

**DELIVERY**

- Contractor shall deliver water works supplies to Central Supply (Warehouse) located at 975 E. Armstrong Way, Bldg. I, Chandler, AZ 85286, unless otherwise instructed.
- Deliveries shall be made on regularly scheduled workdays between 7:00 a.m. and 2:30 p.m., or as requested by the contract administrator.
- Deliveries and/or pickup of supplies may also be made on weekends/off hours due to emergencies. Delivery locations may vary within the City in those circumstances.

# EXHIBIT B TO AGREEMENT PRICING

SECTION 1: COPPER AND PROGRESS FITTINGS				
Item #	COC Stock #	COPPER	UOM	Unit Price
1	4730.120.4000	CAP, COPPER, SOLDER 2"	EA	\$ 0.50
2	4730.122.6800	ELBOW, COPPER, SHORT RUFF, SLIP X SLIP, 45 DEG. X 2"	EA	\$ 0.50
3	4730.122.8500	ELBOW, COPPER, SHORT RUFF, SLIP X SLIP, 90 DEG. X 2"	EA	\$ 0.50
4	4730.120.6600	COUPLING, COPPER, WITH-OUT STOP, 2", SLIP	EA	\$ 0.50
5	4730.120.1000	ADAPTER, COPPER, FEMALE IRON-PIPE X SLIP, 2"	EA	\$ 0.50
6	4730.120.2800	ADAPTER, COPPER, MALE, IRON-PIPE, SLIP, 2"	EA	\$ 0.50
7	4730.122.6600	ELBOW, COPPER, SHORT RUFF, SLIP X SLIP, 45 DEG. X 1-1/2"	EA	\$ 0.50
8	4730.124.2000	REDUCER, COPPER, SLIP X SLIP, 2 X 1-1/2	EA	\$ 0.50
9	4730.120.2600	ADAPTER, COPPER, MALE IRON-PIPE X SLIP, 1-1/2"	EA	\$ 0.50
10	4730.120.0900	ADAPTER, COPPER, FEMALE IRON-PIPE X SLIP, 1-1/2	EA	\$ 0.50
11	4730.124.1500	REDUCER, COPPER, SLIP X SLIP, 1-1/2 X 1-1/4	EA	\$ 0.50
12	4730.120.6400	COUPLING, COPPER, WITH-OUT STOP, 1-1/2"	EA	\$ 0.50
13	4730.122.8400	ELBOW, COPPER, SHORT RUFF, SLIP X SLIP, 90 DEG. X 1-1/2"	EA	\$ 0.50
14	4730.125.3000	TEE, COPPER, REDUCER 1 X 3/4 X 3/4	EA	\$ 0.50
15	4730.120.2500	ADAPTER, COPPER, MALE IRON-PIPE X SLIP, 1"	EA	\$ 0.50
16	4730.120.0700	ADAPTER, COPPER, FEMALE IRON-PIPE X SLIP, 1"	EA	\$ 0.50
17	4730.125.1975	TEE, COPPER, SLIP X SLIP X SLIP, 1"	EA	\$ 0.50
18	4730.122.6400	ELBOW, COPPER, SHORT RUFF, SLIP X SLIP, 45 DEG. X 1"	EA	\$ 0.50
19	4730.122.8200	ELBOW, COPPER, SHORT RUFF, SLIP X SLIP, 90 DEG. X 1"	EA	\$ 0.50
20	4730.120.6100	COUPLING, COPPER, WITH-OUT STOP, 1"	EA	\$ 0.50
21	4730.120.2300	ADAPTER, COPPER, MALE IRON PIPE, 1/2" X SLIP	EA	\$ 0.01
22	4730.120.2400	ADAPTER, COPPER, MALE IRON-PIPE X SLIP, 3/4"	EA	\$ 1.60
23	4730.120.0500	ADAPTER, COPPER, FEMALE IRON-PIPE X SLIP, 3/4"	EA	\$ 2.25
24	4730.120.6000	COUPLING, COPPER, WITH-OUT STOP, 3/4", SLIP	EA	\$ 0.75
25	4730.122.8000	ELBOW, COPPER, SHORT RUFF, SLIP X SLIP, 90 DEG. X 3/4"	EA	\$ 1.25
26	4730.122.6300	ELBOW, COPPER, SHORT RUFF, SLIP X SLIP, 45 DEG. X 3/4"	EA	\$ 1.55
27	4730.124.1000	REDUCER, COPPER, SLIP X SLIP, 1 X 3/4	EA	\$ 1.00
28	4730.101.7000	ADAPTER, FLARE COPPER X FEMALE IRON-PIPE, 3/4 X 1, FORD# C21-34	EA	\$ 1.00

29	4710.080.2000	PIPE, COPPER, K-HARD, 1/2", 20 FT		FT	\$	1.00
30	4710.080.3000	PIPE, COPPER, K-HARD, 3/4", 20FT		FT	\$	1.00
31	4710.080.3200	PIPE, COPPER, K-HARD, 1"		FT	\$	10.00
32	4710.080.3400	PIPE, COPPER, K-HARD, 1-1/2", 20FT		FT	\$	16.00
33	4710.080.3800	PIPE, COPPER, K-HARD, 2"		FT	\$	24.00
34	4710.080.5200	TUBE, COPPER, K-SOFT, 3/4", 100 FT ROLLS		FT	\$	8.53
35	4710.080.5205	TUBE, COPPER, K-SOFT, 3/8", 50 FT ROLLS		RO	\$	50.00
36	4710.080.5206	TUBE, COPPER, K-SOFT, 1/2", 50 FT ROLLS		RO	\$	50.00
37	4710.080.5207	TUBE, COPPER, K-SOFT, 1/4", 50 FT ROLLS		RO	\$	50.00
38	4710.080.5400	TUBE, COPPER, K-SOFT, 1", 100 FT/ROLLS		FT	\$	11.33
39	4710.080.5600	TUBE, COPPER, K-SOFT, 1-1/2", 60 FT ROLLS		RO	\$	360.00
40	4710.085.3830	TUBE, STAINLESS SQUARE, 316, 4"H X 4" W, 3/16" THICKNESS, 20 FT LONG		EA	\$	1.00
		<b>Pro Press Fittings</b>		<b>UOM</b>		<b>Unit Price</b>
41	4820.109.0410	VALVE, BALL, BRONZE, 1", PTFE SEATS, EPDM SEALS		EA	\$	14.00
42	4820.109.0420	VALVE, BALL, BRONZE, 1-1/2", PTFE SEATS, EPDM SEALS		EA	\$	35.00
43	4730.123.6000	REDUCER, COPPER, 1-1/4" X 1", FEMALE PRESS CONNECTION, PRESSURE 200PSI, TEMP RANGE 0 TO 250 DEG F		EA	\$	13.00
44	4730.123.6005	REDUCER, COPPER, 1-1/2" X 1", FEMALE PRESS CONNECTION, PRESSURE 200PSI, TEMP RANGE 0 TO 250 DEG F		EA	\$	22.50
45	4730.122.6900	ELBOW, COPPER, 45, 1" X 1", FEMALE PRESS CONNECTION, PRESSURE 200 PSI, TEMP RANGE 0 TO 250 DEG F, 5/BX		EA	\$	12.00
46	4730.122.6905	ELBOW, COPPER, 45, 1-1/2" X 1-1/2", FEMALE PRESS CONNECTION, PRESSURE 200 PSI, TEMP RANGE 0 TO 250 DEG F, 1/BX		EA	\$	30.00
47	4730.112.6003	ELBOW, 90 DEG, COPPER, FEMALE PRESS CONNECTION, C X C, 3/4", 1/BX		EA	\$	5.00
48	4730.126.0105	ELBOW, COPPER, 90, 1" X 1", FEMALE PRESS CONNECTION, PRESSURE 200 PSI, TEMP RANGE 0 TO 250 DEG F, 5/BX		EA	\$	10.00
49	4730.126.0110	ELBOW, COPPER, 90, 1-1/2" X 1-1/2", FEMALE PRESS CONNECTION, PRESSURE 200 PSI, TEMP RANGE 0 TO 250 DEG F, 1/BX		EA	\$	40.00
50	4730.126.0115	ELBOW, COPPER, 90, 2" X 2", FEMALE PRESS CONNECTION, PRESSURE 200 PSI, TEMP RANGE 0 TO 250 DEG F, 1/BX		EA	\$	45.00
51	4730.120.6725	COUPLING, COPPER, WITH-OUT, STOP, 2" X 2", PRESSURE 200 PSI, TEMP RANGE 0 TO 250 DEG F, 1/BX		EA	\$	20.00
52	4730.113.5000	UNION, BRONZE, 1" X 1", PRESSURE 200 PSI, TEMP RANGE 0 TO 250 DEG F, 10/BX		EA	\$	1.00

53	4730.113.5015	UNION, BRONZE, 1-1/2" X 1-1/2", PRESSURE 200 PSI, TEMP RANGE 0 TO 250 DEG F	EA	\$	1.00
54	4730.113.5020	UNION, BRONZE, 2" X 2", PRESSURE 200 PSI, TEMP RANGE 0 TO 250 DEG F, 1/BX	EA	\$	1.00
55	4730.102.1160	COUPLING, C X C, 3/4", COPPER, PRESS CONNECTION, 10/BX	EA	\$	7.00
56	4730.120.6710	COUPLING, COPPER, WITHSTOP, 1" X 1", PRESSURE 200 PSI, TEMP RANGE 0 TO 250 DEG F, 5/BX	EA	\$	8.50
57	4730.120.6405	COUPLING, COPPER, WITH-OUT STOP, 1-1/2" X 1-1/2", PRESSURE 200 PSI, TEMP RANGE 0 TO 250 DEG, SLIP	EA	\$	28.00
58	4730.120.6720	COUPLING, COPPER, WITH STOP, 2" X 2", PRESSURE 200 PSI, TEMP RANGE 0 TO 250 DEG F, 1/BX	EA	\$	26.00
59	4730.102.0012	ADAPTER, BRONZE, 2" X 2", FEMALE PRESS X MALE THREAD, PRESSURE 200PSI, TEMP RANGE 0 TO 250 DEG F, 1/BX	EA	\$	65.00
60	4730.102.0007	ADAPTER, BRONZE, 2" X 2", FEMALE PRESS X FEMALE THREAD, PRESSURE 200PSI, TEMP RANGE 0 TO 250 DEG F, 1/BX	EA	\$	65.00
61	4730.102.0006	ADAPTER, BRONZE, 2" X 2", SOLDER END X FEMALE THREAD, PRESSURE 200PSI, TEMP RANGE 0 TO 250 DEG F	EA	\$	0.50
62	4730.102.0011	ADAPTER, BRONZE, 2" X 2", SOLDER END X MALE THREAD, PRESSURE 200PSI, TEMP RANGE 0 TO 250 DEG F	EA	\$	0.50
63	4730.102.0008	ADAPTER, BRONZE, 1-1/2" X 1-1/2", FEMALE PRESS X FEMALE THREAD, PRESSURE 200PSI, TEMP RANGE 0 TO 250 DEG F, 1/BX	EA	\$	40.00
64	4730.102.0013	ADAPTER, BRONZE, 1-1/2" X 1-1/2", FEMALE PRESS X MALE THREAD, PRESSURE 200PSI, TEMP RANGE 0 TO 250 DEG F, 1/BX	EA	\$	35.00
65	4730.102.0020	ADAPTER, BRONZE, 1" X 1", FEMALE PRESS X FEMALE THREAD, PRESSURE 200PSI, TEMP RANGE 0 TO 250 DEG F, 10/BX	EA	\$	14.00
66	4730.102.0010	ADAPTER, BRONZE, 1" X 1", FEMALE PRESS X MALE THREAD, PRESSURE 200PSI, TEMP RANGE 0 TO 250 DEG F, 10/BX	EA	\$	14.00
67	4730.102.0015	ADAPTER, BRONZE, 1" X 3/4", FEMALE PRESS X FEMALE THREAD, PRESSURE 200PSI, TEMP RANGE 0 TO 250 DEG F, 10/BX	EA	\$	10.00
68	4730.150.0016	ADAPTER, 3/4" X 3/4", BRONZE, FEMALE PRESS X FNPT CONNECTION, 10/BX	EA	\$	7.00
69	4730.150.0115	ADAPTER, 3/4" X 3/4", BRONZE, FEMALE PRESS X MNPT CONNECTION, 10/BX	EA	\$	5.00
70	4730.102.0005	ADAPTER, BRONZE, 1" X 3/4", FEMALE PRESS X MALE THREAD, PRESSURE 200PSI, TEMP RANGE 0 TO 250 DEG F, 10/BX	EA	\$	10.00
71	4730.102.0015	ADAPTER, BRONZE, 1" X 3/4", FEMALE PRESS X FEMALE THREAD, PRESSURE 200PSI, TEMP RANGE 0 TO 250 DEG F, 10/BX	EA	\$	10.00

**% Discount For Off List Section 1 Items****Copper Parts: 25%      Pro Press Fittings: 25%**

## SECTION 6: MUELLER HYDRANT PARTS

Item #	COC Stock #	MUELLER Hydrant Parts	UOM	Unit Price
1	4210.314.7596	STEM, UPPER, MUELLER CENTURION, #A-11	EA	\$ 284.00
2	4210.314.5844	O-RING, STEM, MUELLER CENTURION & IMPROVED, A-12/H-93	EA	\$ 13.00
3	4210.314.7024	SEAT RING, A-43 MUELLER	EA	\$ 445.00
4	4210.314.5844	O-RING, STEM, MUELLER CENTURION & IMPROVED, A-12/H-93	EA	\$ 13.00
5	4210.314.5534	NUT, OPERATION, MUELLER CENTURION & IMPROVED, A-1/H-51	EA	\$ 320.00
6	4210.314.6194	PLATE, UPPER VALVE, A-36 MUELLER	EA	\$ 307.00
7	4210.314.1074	COUPLING, STEM, SAFETY, MUELLER CENTURION, A-25	EA	\$ 122.00
8	4210.314.2444	GASKET, HOSE NOZZLE, MUELLER CENTURION & IMPROVED, A-19/H-72	EA	\$ 7.00
9	4210.314.5834	O-RING, PUMPER NOZZLE, MUELLER CENTURION, A-16	EA	\$ 13.00
10	4210.314.5784	O-RING, BOTTOM SEAT, A-44 MUELLER	EA	\$ 13.00
11	4210.314.2164	FLANGE, SAFETY, MUELLER CENTURION, A-28, (ISSUED BY THE PAIR)	EA	\$ 135.00
12	4210.314.5526	NUT, HOLD DOWN, MUELLER IMPROVED, H-53	EA	\$ 102.00
13	4210.314.4924	VALVE, MAIN, RUBBER, A-45 MUELLER 5.25" (1975-1996)	EA	\$ 251.00
14	4210.314.0824	CAP, HOSE NOZZLE, WITH 1-1/2" PENTAGON OPERATING NUT, A-21 MUELLER CENTURION: NST, YELLOW, 2-1/2", CI	EA	\$ 120.00
15	4210.314.5429	NOZZLE, HOSE, MUELLER CENTURION, A-18, "LEFT-HAND THREAD"	EA	\$ 116.00
16	4210.314.5424	NOZZLE, PUMPER, MUELLER CENTURION, A-14	EA	\$ 372.00
17	4210.314.6196	PLUG, OIL FILLER, MUELLER CENT & IMPROVED, A-7 & H-98	EA	\$ 7.00
18	4210.319.6815	HYDRANT, EXTENSION KIT, MUELLER, #A-320, 12"	EA	\$ 1,029.00
19	4210.319.6800	HYDRANT, EXTENSION KIT, 6", MUELLER, #A-320-006	EA	\$ 881.00
20	4210.318.0001	HYDRANT, TRAFFIC, DB, 42", MUELLER	EA	\$ 2,720.00

21	4210.318.0002	HYDRANT, TRAFFIC, DB, 48", MUELLER	EA	\$ 2,785.00
22	4210.318.0003	HYDRANT, TRAFFIC, DB, 54", MUELLER	EA	\$ 2,850.00
% Discount For Off List Section 6 Items MUELLER Hydrant Parts: <u>25%</u>				

SECTION 7: HYMAX AND FLEX COUPLINGS				
Item #	COC Stock #	HYMAX & FLEX COUPLINGS	UOM	Unit Price
1	4730.700.6010	COUPLING, HYMAX, 4", 4.25-5.00 LR, 4.92-5.63 HR, #2000-0563-260	EA	\$ 251.00
2	4730.701.9005	COUPLING, HYMAX, 6", 6.42-7.05 LR, 7.01-7.68 HR, #2000-0768-260	EA	\$ 333.00
3	4730.701.9010	COUPLING, HYMAX, 8", 8.54-9.17 LR, 9.13-9.84 HR, #2000-0984-260	EA	\$ 375.00
4	4730.701.9040	COUPLING, HYMAX, 10", 10.70-11.37 LR, 11.33-12.00 HR, #2000-1200-260	EA	\$ 410.00
5	4730.701.9035	COUPLING, HYMAX, 12.40 -13.03 LR, 12.99-13.66 HR, #2000-1366-260	EA	\$ 570.00
6	4730.701.9050	COUPLING, HYMAX, 16", 501-18. 97 X 18. 97 X 14, O.D 18.45-18.97	EA	\$ 1,560.00
7	4730.701.9065	COUPLING, FLEX, TRANSITION, DUCTILE PIPE, 24", 25.80 X 26.32	EA	\$ 126.00
% Discount For Off List Section 7 Items Hymax Couplings: <u>25%</u> Flex Couplings: <u>25%</u>				

SECTION 8: DUCTILE PIPE				
Item #	COC Stock #	Ductile Pipe	UOM	Unit Price
1	4730.760.0010	SLEEVE, SOLID, MJ x MJ, 6"	EA	\$ 125.00
2	4730.760.0015	SLEEVE, SOLID, MJ, 8"	EA	\$ 200.00
3	4730.760.0025	SLEEVE, SOLID, MJ, 12"	EA	\$ 100.00

4	4730.164.2900	CAP, WATER PIPE, CAST-IRON, MJ, SOLID, 12", WITHOUT ACCESSORIES	EA	\$ 175.00
5	4730.165.3200	PLUG, CAST-IRON, MJ SOLID, 12"	EA	\$ 20.00
6	4730.167.0620	ELBOW, CAST-IRON, 90 DEG 6", MJ X PLAIN END, W/O ACCESSORIES	EA	\$ 160.00
7	4730.167.0650	ELBOW, CAST-IRON, MJ 90 DEG. X 6", W/O ACCESSORIES	EA	\$ 135.00
8	4730.167.0600	ELBOW, CAST-IRON, MJ 45 DEG. X 6", W/O ACCESSORIES	EA	\$ 110.00
9	4730.167.0610	ELBOW, CAST-IRON, MJ 45 DEG. X 8", W/O ACCESSORIES	EA	\$ 160.00
10	4730.167.0655	ELBOW, CAST-IRON, MJ 90 DEG. X 8", W/O ACCESSORIES	EA	\$ 190.00
11	4730.140.0010	TEE, DUCTILE, MJ, 6" X 6" X 6"	EA	\$ 200.00
12	4730.140.0015	TEE, DUCTILE, MJ, 8" X 8" X 8"	EA	\$ 300.00
13	4730.140.0020	TEE, DUCTILE, MJ, 10" X 10" X 10"	EA	\$ 20.00
14	4730.140.0025	TEE, DUCTILE, MJ, 12" X 12" X 12"	EA	\$ 600.00
<b>% Discount For Off List Section 8 Items</b> <b>25%</b>				

<b>SECTION 9: GATE VALVES</b>				
<b>Item #</b>	<b>COC Stock #</b>	<b>Gate Valves</b>	<b>UOM</b>	<b>Unit Price</b>
1	4820.535.3000	VALVE, GATE, MJ, 10", IB, RESILIENT SEAL, W/O ACCESSORIES	EA	\$ 2,473.00
2	4820.533.1800	VALVE, GATE, FLANGE X FLANGE, 6", IB, RESILIENT SEAL, W/O ACCESSORIES	EA	\$ 1,034.00
3	4820.533.1905	VALVE, GATE, FLANGE X M J, 8", IB, RESILIENT SEAL, W/O ACCESSORIES, CLOW	EA	\$ 1,556.00
4	4820.534.1800	VALVE, GATE, FLANGE X MJ, 6", IB, RESILIENT SEAL, W/O ACCESSORIES, CLOW	EA	\$ 996.00
5	4820.535.1200	VALVE, GATE, MJ, 4", IB, RESILIENT SEAL, W/O ACCESSORIES	EA	\$ 781.00
6	4820.535.1900	VALVE, GATE, MJ X MJ, 6", IB RESILIENT W/O ACCESSORIES, CLOW	EA	\$ 996.00
7	4820.535.2400	VALVE, GATE, MJ X MJ, 8", IB, RESILIENT SEAL, W/O ACCESSORIES	EA	\$ 1,586.00
8	4820.535.3600	VALVE, GATE, MJ, 12", IB, RESILIENT SEAL, W/O ACCESSORIES	EA	\$ 3,129.00



9	4820.535.3700	VALVE, GATE, MJ, 16", IB, RESILIENT SEAL, W/O ACCESSORIES	EA	\$ 9,123.00
10	4820.535.3900	VALVE, GATE, MJ, 24", IB, RESILIENT SEAL, W/O ACCESSORIES	EA	\$ 8,000.00
		<b>Nut &amp; Bolt Kits</b>		
11	4730.169.1301	KIT, BOLT, NUT & GASKET, 3" FLANGE, (3/4X3-1/4 CD PLATED BOLTS & NUTS)	EA	\$ 7.00
12	4730.169.1303	KIT, BOLT, NUT & GASKET, 4" FLANGE, (3/4X3-1/4 CD PLATED BOLTS & NUTS)	EA	\$ 13.00
13	4730.169.1306	KIT, BOLT, NUT & GASKET, 6" FLANGE, (3/4X3-1/4 CD PLATED BOLTS & NUTS)	EA	\$ 26.00
14	4730.169.1308	KIT, BOLT, NUT & RUBBER GASKET, 8" FLANGE, (3/4X3-1/4 CD PLATED BOLTS & NUTS)	EA	\$ 26.00
<b>% Discount For Off List Section 9 Items</b> <b>Valve Gates: 25%</b> <b>Related Nut &amp; Bolt Kits: 25%</b>				

SECTION 13: VALVE TOP & BOTTOM RISER EXTENSIONS				
Item #	COC Stock #	Valve Top & Bottom Riser Extensions	UOM	Unit Price
1	4730.179.2500	VALVE BOX, TOP, 16", SERIES 6855 ITEM 562A-T16 STAR, "SLIP STYLE"	EA	\$ 63.00
2	4730.179.2700	VALVE BOX, TOP, 26", 26T, STAR, "SLIP STYLE", HEAVY DUTY	EA	\$ 45.00
3	4730.179.1000	VALVE BOX, BOTTOM, 24", VBB562A STAR HEAVY DUTY	EA	\$ 63.00
4	4730.179.1500	VALVE BOX, BOTTOM, 36", SIGMA	EA	\$ 81.00
5	4730.179.3020	VALVE BOX, RISER, 2"	EA	\$ 8.00
6	4730.179.3010	VALVE BOX, RISER, 3"	EA	\$ 12.00
7	4730.179.3000	VALVE BOX, RISER, 4"	EA	\$ 12.00

8	4730.179.2400	VALVE BOX, TOP, RECLAIMED WATER, SQUARE TOP-ROUND BOTTOM	EA	\$ 218.00
9	4730.179.4002	EXTENSION, VALVE STEM, 2', # 59VSEO2M	EA	\$ 152.00
10	4730.179.4003	EXTENSION, VALVE STEM, 3', # 59VSEO3M	EA	\$ 179.00
11	4730.179.4004	EXTENSION, VALVE STEM, 4', # 59VSEO4M	EA	\$ 200.00
<b>% Discount For Off List Section 13 Items Valve Top &amp; Bottom Riser Extensions: 25%</b>				

SECTION 14: MISC ITEMS				
Item #	COC Stock #	Miscellaneous Items	UOM	Unit Price
1	8040.082.0004	CEMENT, PVC, RED HOT, PINT	EA	\$ 22.03
2	8040.082.0007	CEMENT, PVC, IPS WELD-ON 725, 1/2 PINT	EA	\$ 14.18
3	8040.624.6310	PRIMER, PVC, PURPLE, 1/2 PT	EA	\$ 12.47
4	6685.242.5000	GAUGE, PRESSURE, 2-1/2", 0-200 PSI	EA	\$ 18.42
5	4730.030.0802	UTC REPAIR COUPLING, SIZE C, O.D 1.06-1.34	EA	\$ 39.15
6	4730.030.0803	UTC REPAIR COUPLING, SIZE B, O.D .83-1.06	EA	\$ 35.00
7	4210.318.1085	PIN, STAINLESS STEEL, FOR WATEROUS LOCK, CUSTODIAN-PIN-25	EA	\$ 10.22
8	5975.915.0189	PLUG, SQUARE DRIVE, FOR CUSTODIAN LOCK, CUSTODIAN-DP-NEO	EA	\$ 0.50
9	4210.318.6112	SOCKET SCREW, FLATHEAD, (BOLT), 1/2 X 13 X 1.25, CUSTODIAN-FHSS-1.25	EA	\$ 0.20
10	5975.915.0215	PLUG, STAINLESS STEEL, LOCK FOR WATER METERS, PL-10-AV	EA	\$ 0.40
11	5975.915.0216	PLUG, STAINLESS STEEL, LOCK FOR WATER METERS, PL-1.25-AV	EA	\$ 0.50
12	4730.102.1350	COUPLING, METER, W/PACK JOINT, C37-13, 5/8" X 3/4" PVC PIPE PJ	EA	\$ 2.00
13	4730.102.1351	COUPLING, METER, W/PACK JOINT, C37-21, 5/8" X 3/4" X 1/2" PVC PIPE PJ	EA	\$ 2.23
14	4730.102.1352	COUPLING, METER, W/PACK JOINT, C37-23, 5/8" X 3/4" X 3/4" PVC PIPE PJ	EA	\$ 29.96
15	4730.102.1353	COUPLING, METER, W/PACK JOINT, C37-44, 1" X 1" PVC PIPE PJ	EA	\$ 50.43
16	4820.020.0072	AIR RELIEF VALVE, 1/2", 50.1 APCO	EA	\$ 98.79
17	4820.024.0100	VALVE, AIR, COMBINATION, WORKING PSI 3-250, 1", ARI # D-040	EA	\$ 185.37
18	4820.024.0105	VALVE, AIR, COMBINATION, WORKING PSI 3-250, 2", ARI # D-040, SCOTTSDALE SPEC 91020ARID040P-NT	EA	\$ 451.22
19	4820.025.0001	VALVE, AIR RELIEF, VALMATIC # 202C-2, 2"	EA	\$ 12.34

20	4820.025.0017	VALVE, CHECK, SILENT, VAL-MATIC, 8", BRONZE SEAT, GLOBE STYLE 1800 WORKING PSI 150	EA	\$ 25.00
21	5330.246.5600	GASKET, METER, 2" X 1/8", DROP IN	EA	\$ 1.50
22	5330.246.5400	GASKET, METER, 1-1/2"X 1/8", DROP IN	EA	\$ 1.00
23	5330.246.5200	GASKET, METER, 1", ITP 1/8, RUBBER WASHER	EA	\$ 0.15
24	5330.246.5000	GASKET, METER, 3/4", RUBBER, #GT114, 100EA/BAG DO NOT SUBSTITUTE	EA	\$ 0.13
25	5330.243.1400	GASKET, ADAPTER, HYDRANT, METER, 2-1/2, NEPTUNE #8340-029	EA	\$ 3.62
% Discount For Off List Section 14 Items 25%				
% Discount for off list items			25% off Core and Main List Price	

## **EXHIBIT C TO AGREEMENT INSURANCE**

### **INSURANCE**

#### General.

- A. At the same time as execution of this Agreement, the Contractor shall furnish the City a certificate of insurance on a standard insurance industry ACORD form. The ACORD form must be issued by an insurance company authorized to transact business in the State of Arizona possessing a current A.M. Best, Inc. rating of A-7, or better and legally authorized to do business in the State of Arizona with policies and forms satisfactory to City. Provided, however, the A.M. Best rating requirement shall not be deemed to apply to required Workers' Compensation coverage.
- B. The Contractor and any of its subcontractors shall procure and maintain, until all of their obligations have been discharged, including any warranty periods under this Agreement are satisfied, the insurances set forth below.
- C. The insurance requirements set forth below are minimum requirements for this Agreement and in no way limit the indemnity covenants contained in this Agreement.
- D. The City in no way warrants that the minimum insurance limits contained in this Agreement are sufficient to protect Contractor from liabilities that might arise out of the performance of the Agreement services under this Agreement by Contractor, its agents, representatives, employees, subcontractors, and the Contractor is free to purchase any additional insurance as may be determined necessary.
- E. Failure to demand evidence of full compliance with the insurance requirements in this Agreement or failure to identify any insurance deficiency will not relieve the Contractor from, nor will it be considered a waiver of its obligation to maintain the required insurance at all times during the performance of this Agreement.
- F. Use of Subcontractors: If any work is subcontracted in any way, the Contractor shall execute a written contract with Subcontractor containing the same Indemnification Clause and Insurance Requirements as the City requires of the Contractor in this Agreement. The Contractor is responsible for executing the Agreement with the Subcontractor and obtaining Certificates of Insurance and verifying the insurance requirements.

Minimum Scope and Limits of Insurance. The Contractor shall provide coverage with limits of liability not less than those stated below.

- A. *Commercial General Liability-Occurrence Form.* Contractor must maintain "occurrence" form Commercial General Liability insurance with a limit of not less than \$2,000,000 for each occurrence, \$4,000,000 aggregate. Said insurance must also include coverage for products

and completed operations, independent contractors, personal injury and advertising injury. If any Excess insurance is utilized to fulfill the requirements of this paragraph, the Excess insurance must be "follow form" equal or broader in coverage scope than underlying insurance.

- B. *Automobile Liability-Any Auto or Owned, Hired and Non-Owned Vehicles*  
*Vehicle Liability:* Contractor must maintain Business/Automobile Liability insurance with a limit of \$1,000,000 each accident on Contractor owned, hired, and non-owned vehicles assigned to or used in the performance of the Contractor's work or services under this Agreement. If any Excess or Umbrella insurance is utilized to fulfill the requirements of this paragraph, the Excess or Umbrella insurance must be "follow form" equal or broader in coverage scope than underlying insurance.
- C. *Workers Compensation and Employers Liability Insurance:* Contractor must maintain Workers Compensation insurance to cover obligations imposed by federal and state statutes having jurisdiction of Contractor employees engaged in the performance of work or services under this Agreement and must also maintain Employers' Liability insurance of not less than \$1,000,000 for each accident and \$1,000,000 disease for each employee.

Additional Policy Provisions Required.

- A. *Self-Insured Retentions or Deductibles.* Any self-insured retentions and deductibles must be declared and approved by the City. If not approved, the City may require that the insurer reduce or eliminate any deductible or self-insured retentions with respect to the City, its officers, officials, agents, employees, and volunteers.
  - 1. The Contractor's insurance must contain broad form contractual liability coverage.
  - 2. The Contractor's insurance coverage must be primary insurance with respect to the City, its officers, officials, agents, and employees. Any insurance or self-insurance maintained by the City, its officers, officials, agents, and employees shall be in excess of the coverage provided by the Contractor and must not contribute to it.
  - 3. The Contractor's insurance must 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.
  - 4. Coverage provided by the Contractor must not be limited to the liability assumed under the indemnification provisions of this Agreement.
  - 5. The policies must contain a severability of interest clause and waiver of subrogation against the City, its officers, officials, agents, and employees, for losses arising from Work performed by the Contractor for the City.

6. The Contractor, its successors and or assigns, are required to maintain Commercial General Liability insurance as specified in this Agreement for a minimum period of three years following completion and acceptance of the Work. The Contractor must submit a Certificate of Insurance evidencing Commercial General Liability insurance during this three-year period containing all the Agreement insurance requirements, including naming the City of Chandler, its agents, representatives, officers, directors, officials and employees as Additional Insured as required.
7. If a Certificate of Insurance is submitted as verification of coverage, the City will reasonably rely upon the Certificate of Insurance as evidence of coverage, but this acceptance and reliance will not waive or alter in any way the insurance requirements or obligations of this Agreement.

B. *Insurance Cancellation During Term of Contract/Agreement.*

1. If any of the required policies expire during the life of this Contract/Agreement, the Contractor must forward renewal or replacement Certificates to the City within ten days after the renewal date containing all the required insurance provisions.
2. Each insurance policy required by the insurance provisions of this Contract/Agreement shall provide the required coverage and shall not be suspended, voided or canceled except after 30 days prior written notice has been given to the City, except when cancellation is for non-payment of premium, then ten days prior notice may be given. Such notice shall be sent directly to Chandler Law-Risk Management Department, Post Office Box 4008, Mailstop 628, Chandler, Arizona 85225. If any insurance company refuses to provide the required notice, the Contractor or its insurance broker shall notify the City of any cancellation, suspension, non-renewal of any insurance within seven days of receipt of insurers' notification to that effect.

A. *City as Additional Insured.* The policies are to contain, or be endorsed to contain, the following provisions:

1. The Commercial General Liability and Automobile Liability policies are to contain, or be endorsed to contain, the following provisions: The City, its officers, officials, agents, and employees are additional insureds with respect to liability arising out of activities performed by, or on behalf of, the Contractor including the City's general supervision of the Contractor; Products and Completed operations of the Contractor; and automobiles owned, leased, hired, or borrowed by the Contractor.
2. The City, its officers, officials, agents, and employees must be additional insureds to the full limits of liability purchased by the Contractor even if those limits of liability are in excess of those required by this Agreement.

**EXHIBIT D TO AGREEMENT  
SPECIAL CONDITIONS**

**NONE**



City Clerk Document No. \_\_\_\_\_

City Council Meeting Date: \_\_\_\_\_

**CITY OF CHANDLER PURCHASE AGREEMENT  
WATER WORKS SUPPLIES  
CITY OF CHANDLER AGREEMENT NO. WH3-890-4597**

THIS AGREEMENT (Agreement) is made and entered into by and between the City of Chandler, an Arizona municipal corporation (City), and Ferguson Enterprises LLC, an Arizona Corporation (Contractor), (City and Contractor may individually be referred to as Party and collectively referred to as Parties), made \_\_\_\_\_, 2023 (Effective Date).

**RECITALS**

A. City proposes to purchase water works supplies as more fully described in Exhibit A, which is attached to and made a part of this Agreement by this reference.

B. Contractor is ready, willing, and able to provide the goods or 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.

C. City desires to contract with the Contractor to provide these goods or services under the terms and conditions set forth in this Agreement.

**AGREEMENT**

**NOW, THEREFORE**, in consideration of the premises and the mutual promises contained in this Agreement, City and Contractor agree as follows:

**SECTION I: DEFINITIONS**

For purposes of this Agreement, the following definitions apply:

**Agreement** means the legal agreement executed between the City and the Contractor

**City** means the City of Chandler, Arizona

**Contractor** means the individual, partnership, or corporation named in the Agreement

**Days** means calendar days

**May, Should** means something that is not mandatory but permissible

**Shall, Will, Must** means a mandatory requirement

**SECTION II: CONTRACTOR'S SERVICES**

Contractor must perform in accordance with Exhibit A to the City's satisfaction within the terms and conditions of this Agreement and within the care and skill that a person who provides similar goods



services in Chandler, Arizona exercises under similar conditions. All goods or services furnished by Contractor under this Agreement must be performed in a skilled and workmanlike manner. Unless authorized by the City in writing, all fixtures, furnishings, and equipment furnished by Contractor as part of the goods or services under this Agreement must be new, or the latest model, and of the most suitable grade and quality for the intended purpose of the goods or services.

### **SECTION III: PERIOD OF SERVICE**

Contractor must perform in accordance with Exhibit A for the term of this Agreement.

The term of the Agreement is one year and begins on June 1, 2023, and ends on May 31, 2024, unless sooner terminated in accordance with this Agreement. The City and the Contractor may mutually agree to extend the Agreement for up to four additional terms of one year each, or portions thereof. The City reserves the right, at its sole discretion, to extend the Agreement for up to 60 days beyond the expiration of any extension term.

### **SECTION IV: PAYMENT OF COMPENSATION AND FEES**

4.1 Unless amended in writing by the Parties, Contractor's compensation and fees as more fully described in Exhibit B for performance approved and accepted by the City under this Agreement must not exceed \$500,000, including all companion agreements. Contractor must submit requests for payment for goods or services approved and accepted during the previous billing period and must include, as applicable, detailed invoices and receipts, a narrative description of the tasks accomplished during the billing period, a list of any deliverables submitted, and any subcontractor's or supplier's actual requests for payment plus similar narrative and listing of their work. Payment for those goods or services negotiated as a lump sum will be made in accordance with the percentage of the goods furnished or services completed during the preceding billing period. Goods or services negotiated as a not-to-exceed fee will be paid in accordance with the goods furnished or services completed during the preceding month. All requests for payment must be submitted to the City for review and approval. The City will make payment for approved and accepted goods or services within 30 days of the City's receipt of the request for payment.

4.2 Applicable Taxes. The Contractor will pay all applicable taxes. The City is subject to all applicable state and local transaction privilege taxes. To the extent any state and local transaction privilege taxes apply to sales made under the terms of this Agreement, it is the responsibility of the Contractor to collect and remit all applicable taxes to the proper taxing jurisdiction of authority.

4.3 Tax Indemnification. The Contractor and all subcontractors will pay all Federal, state, and local taxes applicable to its operation and any persons employed by the Contractor. The Contractor will and require all subcontractors to hold the City harmless from any responsibility for taxes, damages, and interest, if applicable, contributions required under Federal, state, and local laws and regulations and any other costs including transaction privilege taxes, unemployment compensation insurance, Social Security, and Worker's Compensation.

4.4 All prices offered herein shall be firm against any increase for the initial term of the Agreement. Prior to commencement of subsequent renewal terms, the City may approve a fully documented request for a price adjustment. The City shall determine whether any requested price increases for extension terms is acceptable to the City. If the City approves the price increase, the price shall

remain firm for the renewal term for which it was requested. If a price increase is agreed upon by the Parties a written Agreement Amendment shall be approved and executed by the Parties.

## **SECTION V: GENERAL CONDITIONS**

5.1 Records/Audit. Records of the Contractor's direct personnel payroll, reimbursable expenses pertaining to this Agreement and records of accounts between the City and Contractor must be kept on the basis of generally accepted accounting principles and must be made available to the City and its auditors for up to three years following the City's final acceptance of the goods or services under this Agreement. The City, its authorized representative, or any federal agency, reserves the right to audit Contractor's records to verify the accuracy and appropriateness of all cost and pricing data, including data used to negotiate this Agreement and any amendments. The City reserves the right to decrease the total amount of Agreement price or payments made under this Agreement or request reimbursement from the Contractor following final contract payment on this Agreement if, upon audit of the Contractor's records, the audit discloses the Contractor has provided false, misleading, or inaccurate cost and pricing data. The Contractor will include a similar provision in all of its contracts with subcontractors providing goods or services under the Agreement Documents to ensure that the City, its authorized representative, or the appropriate federal agency, has access to the subcontractors' records to verify the accuracy of all cost and pricing data. The City reserves the right to decrease Contract price or payments made on this Agreement or request reimbursement from the Contractor following final payment on this Agreement if the above provision is not included in subcontractor agreements, and one or more subcontractors refuse to allow the City to audit their records to verify the accuracy and appropriateness of all cost and pricing data. If, following an audit of this Agreement, the audit discloses the Contractor has provided false, misleading, or inaccurate cost and pricing data, and the cost discrepancies exceed 1% of the total Agreement billings, the Contractor will be liable for reimbursement of the reasonable, actual cost of the audit.

5.2 Alteration in Character of Work. Whenever an alteration in the character of work results in a substantial change in this Agreement, thereby materially increasing or decreasing the scope of work, cost of goods, cost of performance, or Project schedule, the goods or services will be performed as directed by the City. However, before any modified work is started, a written amendment must be approved and executed by the City and the Contractor. Such amendment must not be effective until approved by the City. Additions to, modifications, or deletions from this Agreement as provided herein may be made, and the compensation to be paid to the Contractor may accordingly be adjusted by mutual agreement of the Parties. It is distinctly understood and agreed that no claim for extra work done or materials furnished by the Contractor will be allowed by the City except as provided herein, nor must the Contractor do any work or furnish any materials not covered by this Agreement unless such work is first authorized in writing. Any such work or materials furnished by the Contractor without prior written authorization will be at Contractor's own risk, cost, and expense, and Contractor hereby agrees that without written authorization Contractor will make no claim for compensation for such work or materials furnished.

5.3 Termination for Convenience. The City and the Contractor hereby agree to the full performance of the covenants contained herein, except that the City reserves the right, at its discretion and without cause, to terminate or abandon any purchase or service provided for in this Agreement, or abandon any portion of the Project for which the Contractor has performed. In the event the City abandons or suspends the purchase or services, or any part of the

purchase or services as provided in this Agreement, the City will notify the Contractor in writing and immediately after receiving such notice, the Contractor must discontinue advancing the work specified under this Agreement. Upon such termination, abandonment, or suspension, the Contractor must deliver to the City all drawings, plans, specifications, special provisions, estimates and other work entirely or partially completed, together with all unused materials supplied by the City. The Contractor must appraise the goods or services Contractor has completed and submit Contractor's appraisal to the City for evaluation. The City may inspect the Contractor's goods or services to appraise the status completed. The Contractor will receive compensation in full for goods provided or services performed to the date of such termination. The fee will be paid in accordance with Section IV of this Agreement, and as mutually agreed upon by the Contractor and the City. If there is no mutual agreement on payment, the final determination will be made in accordance with the Disputes provision in this Agreement. However, in no event may the payment exceed the payment set forth in this Agreement nor as amended in accordance with Alteration in Character of Work. The City will make the final payment within 60 days after the Contractor has delivered the last of the partially completed items and the Parties agree on the final payment. If the City is found to have improperly terminated the Agreement for cause or default, the termination will be converted to a termination for convenience in accordance with the provisions of this Agreement.

5.4 Termination for Cause. The City may terminate this Agreement for Cause upon the occurrence of any one or more of the following events: in the event that (a) the Contractor fails to perform pursuant to the terms of this Agreement, (b) the Contractor is adjudged a bankrupt or insolvent, (c) the Contractor makes a general assignment for the benefit of creditors, (d) a trustee or receiver is appointed for Contractor or for any of Contractor's property (e) the Contractor files a petition to take advantage of any debtor's act, or to reorganize under the bankruptcy or similar laws, (f) the Contractor disregards laws, ordinances, rules, regulations or orders of any public body having jurisdiction, or (g) the Contractor fails to cure default within the time requested. Where Agreement has been so terminated by City, the termination will not affect any rights of City against Contractor then existing or which may thereafter accrue.

5.5 Indemnification. The Contractor (Indemnitor) must indemnify, defend, save and hold harmless the City and its officers, officials, agents and employees (Indemnitee) from any and all claims, actions, liabilities, damages, losses or expenses (including court costs, attorneys' fees and costs of claim processing, investigation and litigation) (Claims) caused or alleged to be caused, in whole or in part, by the wrongful, negligent or willful acts, or errors or omissions of the Contractor or any of its owners, officers, directors, agents, employees, or subcontractors in connection with this Agreement. This indemnity includes any claim or amount arising out of or recovered under workers' compensation law or on account of the failure of the Contractor to conform to any federal, state or local law, statute, ordinance, rule, regulation or court decree. The Contractor must indemnify Indemnitee from and against any and all Claims, except those arising solely from Indemnitee's own negligent or willful acts or omissions. The Contractor is responsible for primary loss investigation, defense and judgment costs where this indemnification applies. In consideration of the award of this Agreement, the Contractor agrees to waive all rights of subrogation against Indemnitee for losses arising from or related to this Agreement. The obligations of the Contractor under this provision survive the termination or expiration of this Agreement.

5.6 Insurance Requirements. Contractor must procure insurance under the terms and conditions and for the amounts of coverage set forth in Exhibit C against claims that may arise

from or relate to performance of the work under this Agreement by Contractor and its agents, representatives, employees, and subcontractors. Contractor and any subcontractors must maintain this insurance until all of their obligations have been discharged, including any warranty periods under this Agreement. These insurance requirements are minimum requirements for this Agreement and in no way limit the indemnity covenants contained in this Agreement. The City in no way warrants that the minimum limits stated in Exhibit C are sufficient to protect the Contractor from liabilities that might arise out of the performance of the work under this Agreement by the Contractor, the Contractor's agents, representatives, employees, or subcontractors. Contractor is free to purchase such additional insurance as may be determined necessary.

**5.7 Cooperation and Further Documentation.** The Contractor agrees to provide the City such other duly executed documents as may be reasonably requested by the City to implement the intent of this Agreement.

**5.8 Notices.** Unless otherwise provided, notice under this Agreement must be in writing and will be deemed to have been duly given and received either (a) on the date of service if personally served on the party to whom notice is to be given, or (b) on the date notice is sent if by electronic mail, or (c) on the third day after the date of the postmark of deposit by first class United States mail, registered or certified, postage prepaid and properly addressed as follows:

**For the City**

Name: Juan Martinez  
 Title: Warehouse & Supply Program Manager  
 Address: 975 E. Armstrong Way, Bldg. I.  
 Chandler, AZ 85286  
 Phone: 480-782-2416  
 Email: juan.martinez@chandleraz.gov

**For the Contractor**

Name: Justin Kapitan  
 Title: Area Sales Manager  
 Address: 1324 S. 3<sup>rd</sup> St. Suite 140  
 Phoenix, AZ 85004  
 Phone: 602-725-5908  
 Email: justin.kapitan@ferguson.com

**5.9 Successors and Assigns.** City and Contractor each bind itself, its partners, successors, assigns, and legal representatives to the other party to this Agreement and to the partners, successors, assigns, and legal representatives of such other party in respect to all covenants of this Agreement. Neither the City nor the Contractor may assign, sublet, or transfer its interest in this Agreement without the written consent of the other party. In no event may any contractual relation be created between any third party and the City.

**5.10 Disputes.** In any dispute arising out of an interpretation of this Agreement or the duties required not disposed of by agreement between the Contractor and the City, the final determination at the administrative level will be made by the City Purchasing and Materials Manager.

**5.11 Completeness and Accuracy of Contractor's Work.** The Contractor must be responsible for the completeness and accuracy of Contractor's services, data, and other work prepared or compiled under Contractor's obligation under this Agreement and must correct, at Contractor's expense, all willful or negligent errors, omissions, or acts that may be discovered. The fact that the City has accepted or approved the Contractor's work will in no way relieve the Contractor of any of Contractor's responsibilities.

5.12 Withholding Payment. The City reserves the right to withhold funds from the Contractor's payments up to the amount equal to the claims the City may have against the Contractor until such time that a settlement on those claims has been reached.

5.13 City's Right of Cancellation. The Parties acknowledge that this Agreement is subject to cancellation by the City under the provisions of Section 38-511, Arizona Revised Statutes (A.R.S.).

5.14 Independent Contractor. For this Agreement the Contractor constitutes an independent contractor. Any provisions in this Agreement that may appear to give the City the right to direct the Contractor as to the details of accomplishing the work or to exercise a measure of control over the work means that the Contractor must follow the wishes of the City as to the results of the work only. These results must comply with all applicable laws and ordinances.

5.15 Project Staffing. Prior to the start of any work under this Agreement, the Contractor must assign to the City the key personnel that will be involved in furnishing goods or performing services prescribed in the Agreement. The City may acknowledge its acceptance of such personnel to furnish goods or perform services under this Agreement. At any time hereafter that the Contractor desires to change key personnel while performing under the Agreement, the Contractor must submit the qualifications of the new personnel to the City for prior approval. The Contractor will maintain an adequate and competent staff of qualified persons, as may be determined by the City, throughout the performance of this Agreement to ensure acceptable and timely completion of the Scope of Work. If the City objects, with reasonable cause, to any of the Contractor's staff, the Contractor must take prompt corrective action acceptable to the City and, if required, remove such personnel from the Project and replace with new personnel agreed to by the City.

5.16 Subcontractors. Prior to beginning the work, the Contractor must furnish the City for approval the names of subcontractors to be used under this Agreement. Any subsequent changes are subject to the City's written prior approval.

5.17 Force Majeure. If either party is delayed or prevented from the performance of any act required under this Agreement by reason of acts of God or other cause beyond the control and without fault of the Party (financial inability excepted), performance of that act may be excused, but only for the period of the delay, if the Party provides written notice to the other Party within ten days of such act. The time for performance of the act may be extended for a period equivalent to the period of delay from the date written notice is received by the other Party.

5.18 Compliance with Laws. Contractor understands, acknowledges, and agrees to comply with the Americans with Disabilities Act, the Immigration Reform and Control Act of 1986 and the Drug Free Workplace Act of 1989. All services performed by Contractor must also comply with all applicable City of Chandler codes, ordinances, and requirements. Contractor agrees to permit the City to verify Contractor's compliance.

5.19 No Israel Boycott. By entering into this Agreement, Contractor certifies that Contractor is not currently engaged in, and agrees for the duration of the Agreement, not to engage in a boycott of Israel as defined by state statute.

5.20 Legal Worker Requirements. A.R.S. § 41-4401 prohibits the City from awarding a contract to any contractor who fails, or whose subcontractors fail, to comply with A.R.S. § 23-214(A). Therefore, Contractor agrees Contractor and each subcontractor it uses warrants their compliance with all federal immigration laws and regulations that relate to their employees and their compliance with § 23-214, subsection A. A breach of this warranty will be deemed a material breach of the Agreement and may be subject to penalties up to and including termination of the Agreement. City retains the legal right to inspect the papers of any Contractor's or subcontractor's employee who provides goods or services under this Agreement to ensure that the Contractor and subcontractors comply with the warranty under this provision.

5.21 Lawful Presence Requirement. A.R.S. §§ 1-501 and 1-502 prohibit the City from awarding a contract to any natural person who cannot establish that such person is lawfully present in the United States. To establish lawful presence, a person must produce qualifying identification and sign a City-provided affidavit affirming that the identification provided is genuine. This requirement will be imposed at the time of contract award. This requirement does not apply to business organizations such as corporations, partnerships, or limited liability companies.

5.22 Forced Labor of Ethnic Uyghurs Prohibited. By entering into this Agreement, Contractor certifies and agrees Contractor does not currently use and will not use for the term of this Agreement: (i) the forced labor of ethnic Uyghurs in the People's Republic of China; or (ii) any goods or services produced by the forced labor of ethnic Uyghurs in the People's Republic of China; or (iii) any contractors, subcontractors or suppliers that use the forced labor or any goods or services produced by the forced labor of ethnic Uyghurs in the People's Republic of China.

5.23 Covenant Against Contingent Fees. Contractor warrants that no person has been employed or retained to solicit or secure this Agreement upon an agreement or understanding for a commission, percentage, brokerage, or contingent fee, and that no member of the Chandler City Council, or any City employee has any interest, financially, or otherwise, in Contractor's firm. For breach or violation of this warrant, the City may annul this Agreement without liability or, at its discretion, to deduct from the Agreement price or consideration, the full amount of such commission, percentage, brokerage, or contingent fee.

5.24 Non-Waiver Provision. The failure of either Party to enforce any of the provisions of this Agreement or to require performance of the other Party of any of the provisions hereof must not be construed to be a waiver of such provisions, nor must it affect the validity of this Agreement or any part thereof, or the right of either Party to thereafter enforce each and every provision.

5.25 Disclosure of Information Adverse to the City's Interests. To evaluate and avoid potential conflicts of interest, the Contractor must provide written notice to the City, as set forth in this Section, of any work or services performed by the Contractor for third parties that may involve or be associated with any real property or personal property owned or leased by the City. Such notice must be given seven business days prior to commencement of the services by the Contractor for a third party, or seven business days prior to an adverse action as defined below. Written notice and disclosure must be sent to the City's Purchasing and Materials Manager. An adverse action under this Agreement includes, but is not limited to: (a) using data as defined in

the Agreement acquired in connection with this Agreement to assist a third party in pursuing administrative or judicial action against the City; or (b) testifying or providing evidence on behalf of any person in connection with an administrative or judicial action against the City; or (c) using data to produce income for the Contractor or its employees independently of performing the services under this Agreement, without the prior written consent of the City. Contractor represents that except for those persons, entities, and projects identified to the City, the services performed by the Contractor under this Agreement are not expected to create an interest with any person, entity, or third-party project that is or may be adverse to the City's interests. Contractor's failure to provide a written notice and disclosure of the information as set forth in this Section constitute a material breach of this Agreement.

**5.26 Data Confidentiality and Data Security.** As used in the Agreement, data means all information, whether written or verbal, including plans, photographs, studies, investigations, audits, analyses, samples, reports, calculations, internal memos, meeting minutes, data field notes, work product, proposals, correspondence and any other similar documents or information prepared by, obtained by, or transmitted to the Contractor or its subcontractors in the performance of this Agreement. The Parties agree that all data, regardless of form, including originals, images, and reproductions, prepared by, obtained by, or transmitted to the Contractor or its subcontractors in connection with the Contractor's or its subcontractor's performance of this Agreement is confidential and proprietary information belonging to the City. Except as specifically provided in this Agreement, Contractor or its subcontractors must not divulge data to any third party without the City's prior written consent. Contractor or its subcontractors must not use the data for any purposes except to perform the services required under this Agreement. These prohibitions do not apply to the following data provided to the Contractor or its subcontractors have first given the required notice to the City: (a) data which was known to the Contractor or its subcontractors prior to its performance under this Agreement unless such data was acquired in connection with work performed for the City; or (b) data which was acquired by the Contractor or its subcontractors in its performance under this Agreement and which was disclosed to the Contractor or its subcontractors by a third party, who to the best of the Contractor's or its subcontractors knowledge and belief, had the legal right to make such disclosure and the Contractor or its subcontractors are not otherwise required to hold such data in confidence; or (c) data which is required to be disclosed by virtue of law, regulation, or court order, to which the Contractor or its subcontractors are subject. In the event the Contractor or its subcontractors are required or requested to disclose data to a third party, or any other information to which the Contractor or its subcontractors became privy as a result of any other contract with the City, the Contractor must first notify the City as set forth in this Section of the request or demand for the data. The Contractor or its subcontractors must give the City sufficient facts so that the City can be given an opportunity to first give its consent or take such action that the City may deem appropriate to protect such data or other information from disclosure. Unless prohibited by law, within ten calendar days after completion or termination of services under this Agreement, the Contractor or its subcontractors must promptly deliver, as set forth in this Section, a copy of all data to the City. All data must continue to be subject to the confidentiality agreements of this Agreement. Contractor or its subcontractors assume all liability to maintain the confidentiality of the data in its possession and agrees to compensate the City if any of the provisions of this Section are violated by the Contractor, its employees, agents or subcontractors. Solely for the purposes of seeking injunctive relief, it is agreed that a breach of this Section must be deemed to cause irreparable harm that justifies injunctive relief in court. Contractor agrees that the requirements of this Section must be incorporated into all subcontracts entered

into by Contractor. A violation of this Section may result in immediate termination of this Agreement without notice.

5.27 Personal Identifying Information-Data Security. Personal identifying information, financial account information, or restricted City information, whether electronic format or hard copy, must be secured and protected at all times by Contractor and any of its subcontractors. At a minimum, Contractor must encrypt or password-protect electronic files. This includes data saved to laptop computers, computerized devices, or removable storage devices. When personal identifying information, financial account information, or restricted City information, regardless of its format, is no longer necessary, the information must be redacted or destroyed through appropriate and secure methods that ensure the information cannot be viewed, accessed, or reconstructed. In the event that data collected or obtained by Contractor or its subcontractors in connection with this Agreement is believed to have been compromised, Contractor or its subcontractors must immediately notify the City contact. Contractor agrees to reimburse the City for any costs incurred by the City to investigate potential breaches of this data and, where applicable, the cost of notifying individuals who may be impacted by the breach. Contractor agrees that the requirements of this Section must be incorporated into all subcontracts entered into by Contractor. It is further agreed that a violation of this Section must be deemed to cause irreparable harm that justifies injunctive relief in court. A violation of this Section may result in immediate termination of this Agreement without notice. The obligations of Contractor or its subcontractors under this Section must survive the termination of this Agreement.

5.28 Jurisdiction and Venue. This Agreement is made under and must be construed in accordance with and governed by the laws of the State of Arizona without regard to the conflicts or choice of law provisions thereof. Any action to enforce any provision of this Agreement or to obtain any remedy with respect hereto must be brought in the courts located in Maricopa County, Arizona, and for this purpose, each Party hereby expressly and irrevocably consents to the jurisdiction and venue of such court.

5.29 Survival. All warranties, representations, and indemnifications by the Contractor must survive the completion or termination of this Agreement.

5.30 Modification. Except as expressly provided herein to the contrary, no supplement, modification, or amendment of any term of this Agreement will be deemed binding or effective unless in writing and signed by the Parties.

5.31 Severability. If any provision of this Agreement or the application to any person or circumstance may be invalid, illegal or unenforceable to any extent, the remainder of this Agreement and the application will not be affected and will be enforceable to the fullest extent permitted by law.

5.32 Integration. This Agreement contains the full agreement of the Parties. Any prior or contemporaneous written or oral agreement between the Parties regarding the subject matter is merged and superseded.

5.33 Time is of the Essence. Time of each of the terms, covenants, and conditions of this Agreement is hereby expressly made of the essence.



5.34 Date of Performance. If the date of performance of any obligation or the last day of any time period provided for should fall on a Saturday, Sunday, or holiday for the City, the obligation will be due and owing, and the time period will expire, on the first day after which is not a Saturday, Sunday or legal City holiday. Except as may otherwise be set forth in this Agreement, any performance provided for herein will be timely made if completed no later than 5:00 p.m. (Chandler time) on the day of performance.

5.35 Third Party Beneficiary. Nothing under this Agreement will be construed to give any rights or benefits in the Agreement to anyone other than the City and the Contractor, and all duties and responsibilities undertaken pursuant to this Agreement will be for the sole and exclusive benefit of City and the Contractor and not for the benefit of any other party.

5.36 Conflict in Language. All work performed must conform to all applicable City of Chandler codes, ordinances, and requirements as outlined in this Agreement. If there is a conflict in interpretation between provisions in this Agreement and those in the Exhibits, the provisions in this Agreement prevail.

5.37 Document/Information Release. Documents and materials released to the Contractor, which are identified by the City as sensitive and confidential, are the City's property. The document/material must be issued by and returned to the City upon completion of the services under this Agreement. Contractor's secondary distribution, disclosure, copying, or duplication in any manner is prohibited without the City's prior written approval. The document/material must be kept secure at all times. This directive applies to all City documents, whether in photographic, printed, or electronic data format.

5.38 Exhibits. The following exhibits are made a part of this Agreement and are incorporated by reference:

Exhibit A - Project Description/Scope of Work  
Exhibit B - Compensation and Fees  
Exhibit C - Insurance Requirements  
Exhibit D - Special Conditions

5.39 Special Conditions. As part of the goods furnished or the services Contractor provides under this Agreement, Contractor agrees to comply with and fully perform the special terms and conditions set forth in Exhibit D, which is attached to and made a part of this Agreement.

5.40 Non-Discrimination and Anti-Harassment Laws. Contractor must comply with all applicable City, state, and federal non-discrimination and anti-harassment laws, rules, and regulations.

5.41 Licenses and Permits. Beginning with the Effective Date and for the full term of this Agreement, Contractor must maintain all applicable City, state, and federal licenses and permits required to fully perform Contractor's services under this Agreement.

5.42 Warranties. Unless otherwise provided in Exhibit D, the Contractor must furnish a one-year warranty on all work and services performed under this Agreement. Contractor must

furnish, or cause to be furnished, a two-year warranty on all fixtures, furnishings, and equipment furnished by Contractor, subcontractors, or suppliers under this Agreement. Any defects in design, workmanship, or materials that do not comply with this Agreement must be corrected by Contractor (including, but not limited to, all parts and labor) at Contractor's sole cost and expense. All written warranties and redlines for as-built conditions must be delivered to the City on or before the City's final acceptance of Contractor's services under this Agreement.

5.43 Liens. The Contractor warrants that the materials supplied under this Agreement are free of liens and will remain free of liens.

5.44 Quality. Unless otherwise modified elsewhere in these terms and conditions, the Contractor warrants that, for one year after acceptance by the City of the materials, they will be (a) of a quality to pass without objection in the trade under the Agreement description, (b) fit for the intended purposes for which the materials are used, (c) within the variations permitted by the Agreement and are of even kind, quantity, and quality within each unit and among all units, (d) adequately contained, packaged and marked as the Agreement may require, and (e) conform to the Contractor's written promises or affirmations of fact.

5.45 Fitness. The Contractor warrants that any material supplied to City will fully conform to all requirements of the Agreement and all the Contractor's representations and will be fit for all purposes and uses required by the Agreement.

5.46 Inspection/Testing. The warranties set forth in the Agreement are not affected by the City's inspection or testing of or payment for the materials by the City.

5.47 Packing and Shipping. The Contractor will be responsible for industry standard packing, which conforms to requirements of carrier's tariffs and Interstate Commerce Commission (ICC) regulations. Containers must be clearly marked as to lot number, destination, address, and purchase order number.

5.48 Delivery. All prices are F.O.B. Destination and include all delivery and unloading at the specified destinations. The Contractor will retain title and control of all goods until they are delivered and accepted by the City. All risk of transportation and all related charges will be the responsibility of the Contractor. All claims for visible or concealed damage will be filed by the Contractor. The City will notify the Contractor promptly of any damaged goods and will assist the Contractor in arranging for inspection.

5.49 Risk of Loss. The Contractor will bear all loss of conforming material covered under this Agreement until received by authorized personnel at the location designated in the purchase order or Agreement. Mere receipt does not constitute final acceptance. The risk of loss for nonconforming materials will remain with the Contractor regardless of receipt.

5.50 Current Products. All products offered in response to this solicitation will be in current and ongoing production; will have been formally announced for general marketing purposes; will be a model or type currently functioning in a user (paying customer) environment and capable of meeting or exceeding all specifications and requirements set forth in the City's solicitation.

5.51 Annual Usage Report. Upon request, the Contractor will furnish to the City an annual usage report delineating the acquisition activity governed by the Agreement. The format of the report will be approved by the City and will disclose the quantity and the dollar value of each agreement item by individual purchasing unit.

5.52 Catalogs/Agreement Price Listing. As applicable, the Contractor will furnish to all requesting departments catalogs at no cost, which will outline agreement prices.

5.53 Emergency Purchases. City reserves the rights to purchase from other sources those items, which are required on an emergency basis and cannot be supplied immediately by the Contractor.

5.54 Non-Exclusive Agreement. This agreement is for the sole convenience of the City of Chandler. The City reserves the right to obtain like goods or services from another source when necessary.

5.55 Budget Approval Into Next Fiscal Year. This Agreement will commence on the Effective Date and continue in full force and effect until it is terminated or expires in accordance with the provisions of this Agreement. The Parties recognize that the continuation of this Agreement after the close of the City's fiscal year, which ends on June 30 of each year, is subject to the City Council's approval of a budget that includes an appropriation for this item as an expenditure. The City does not represent that this budget item will be actually adopted. This determination is solely made by the City Council at the time Council adopts the budget.

This Agreement shall be in full force and effect only when it has been approved and executed by the duly authorized City officials.

**FOR THE CITY**

By: \_\_\_\_\_

Its: \_\_\_\_\_

**FOR THE CONTRACTOR**

By: Justin Kapitan

Its: Area sales manager

**APPROVED AS TO FORM:**

By: \_\_\_\_\_

City Attorney

*JMB*

**ATTEST:**

By: \_\_\_\_\_

City Clerk

**CITY OF CHANDLER, ARIZONA  
INVITATION FOR BID NO. WH3-890-3914**

**EXHIBIT A TO AGREEMENT  
SCOPE OF WORK**

**ITEM SPECIFICATIONS – All items must conform to the City's list of approved manufacturers for each category. Bidder must provide a manufacturer name and part number per line item where one is not specified.**

City of Chandler Approved manufacturers by category

**Water Valve Manufacturers:**

1. Clow Valve Co.
2. Mueller Co. or products manufactured with the exact specifications i.e. all parts are interchangeable
3. Kennedy Valve Co.
4. American Cast Iron Pipe Co.

**Fire Hydrants:**

1. Mueller Centurion
2. Clow Medallion
3. Waterous Pacer
4. Kennedy Guardian

**Approved Restrained Joints for Fittings:**

1. Series 1100 mega lug restraint produced by EBAA Iron, Inc.
2. Series 3000-3333S Stargrip by Star Pipe Products
3. Sigma DIP One Lok SLDE Series
4. Tyler Union Tuf Grip Restraint

**Water Meter Angle Ball Valves and CORP Stops (No Approved Equals):**

1. Ford
2. Mueller
3. AY McDonald
4. Jones

**Water Meter Adaptors:**

1. The Ford Meter Box Company, Meter Adaptors to change meter spud size and/or length

**Backflow Prevention Assemblies:**

Backflow prevention assemblies shall conform to the current list issued by Foundation for Cross Connection Control and Hydraulic Research, University of California and/or the American Society

of Safety Engineers and be UL listed or FM approved for the fire protection use when used for fire protection systems.

**Combination Air/Vacuum Assemblies:**

1. Apco 145C
2. A.R.I D-040

**Hymax and Flex Couplings** - All flex couplings (4"-16") shall be 2 bolt with multiple OD ranges. If bidding other than Hymax, bidder must provide descriptive literature with bid. Samples may be requested at the discretion of City per Section 3.5 Samples

**DELIVERY**

- Contractor shall deliver water works supplies to Central Supply (Warehouse) located at 975 E. Armstrong Way, Bldg. I, Chandler, AZ 85286, unless otherwise instructed.
- Deliveries shall be made on regularly scheduled workdays between 7:00 a.m. and 2:30 p.m., or as requested by the contract administrator.
- Deliveries and/or pickup of supplies may also be made on weekends/off hours due to emergencies. Delivery locations may vary within the City in those circumstances.

**CITY OF CHANDLER, ARIZONA**  
**INVITATION FOR BID NO. WH3-890-3914**  
**EXHIBIT B TO AGREEMENT**  
**COMPENSATION AND FEES**

SECTION 2: LEAD FREE BRASS				
Item #	COC Stock #	Lead Free Brass	UOM	Unit Price
1	4820.108.0141	VALVE, BALL, BRASS, THREADED, 1/4"	EA	\$ 7.00
2	4820.108.0180	VALVE, BALL, BRASS, 3/8", FBV-3	EA	\$ 7.00
3	4820.108.1000	VALVE, BALL, BLACK DN 123, PU WITH STEEL CORE, FOR ABEL PUMP #EM-100, IDENT-NUMBER 40325	EA	\$ 415.325
4	4510.007.3015	VALVE, BALL, THREADED, 1/2" WATTS	EA	\$ 7.00
5	4510.007.3020	VALVE, BALL, THREADED, 3/4 IPS, "DOMESTIC"	EA	\$ 12.34
6	5310.022.5641	CAP, BRASS, THREADED, 2", FNPT	EA	\$ 15.00
7	4730.096.8921	NIPPLE, BRASS, 2 X 6, MNPT	EA	\$ 21.00
8	4820.108.0165	VALVE, BALL, BRASS, FMNPT, 2", FBV-4	EA	\$ 59.50
9	4730.112.6075	ELBOW, BRASS, 1 1/2", 90	EA	\$ 18.00
10	4730.112.6090	ELBOW, BRASS, 2", 90	EA	\$ 20.50
11	4730.122.0307	REDUCER, BUSHING, BRASS, 3/4" X 1/4"	EA	\$ 2.75
12	4730.122.0306	REDUCER, BUSHING, BRASS, 1/2" X 3/8"	EA	\$ 1.75
13	4730.096.6403	NIPPLE, BRASS, 1/4" X CLOSE	EA	\$ 1.25
14	4730.096.6406	NIPPLE, BRASS, 3/8" X CLOSE	EA	\$ 1.25
15	4730.096.4990	NIPPLE, BRASS, 1/2 X CLOSE	EA	\$ 1.75
16	4730.101.8640	ADAPTER, BRASS, 3/4", FEMALE X MALE THREADED	EA	\$ 2.227
17	4730.090.7400	BUSHING, BRASS, HEX, 3 MIP X 2 FIP	EA	\$ 36.25
18	4730.096.5000	NIPPLE, BRASS, 3/4 X CLOSE	EA	\$ 2.25
19	4730.096.6400	NIPPLE, BRASS, 1 X CLOSE	EA	\$ 3.50
20	4730.096.8900	NIPPLE, BRASS, 2 X CLOSE	EA	\$ 9.75
21	4730.097.3200	PLUG, BRASS, RAISED HEAD, 3/4", MIPT	EA	\$ 2.50
22	4730.126.0755	UNION, COPPER, SLIP X SLIP, 1/2"	EA	\$ 2.50

23	4730.090.4000	BUSHING, BRASS, HEX, 1/2 MIP X 1/4 FIP	EA	\$	1.75
24	4730.090.5400	BUSHING, BRASS, HEX, 1 MIP X 3/4 FIP	EA	\$	3.50
25	4730.090.5600	BUSHING, BRASS, HEX, 1-1/4 MIP X 3/4 FIP	EA	\$	6.00
26	4730.090.6000	BUSHING, BRASS, HEX, 1-1/2 MIP X 3/4 FIP	EA	\$	9.00
27	4730.090.6800	BUSHING, BRASS, HEX, 2" X 3/4"	EA	\$	13.25
28	4730.090.6200	BUSHING, BRASS, HEX, 1-1/2 MIP X 1 FIP	EA	\$	7.50
29	4730.090.7000	BUSHING, BRASS, HEX, 2 X 1	EA	\$	13.25
30	4730.090.7200	BUSHING, BRASS, HEX, 2 MIP X 1-1/2 FIP	EA	\$	11.00
31	4730.122.0320	REDUCER, BUSHING, BRASS, 3" TO 1-1/2"	EA	\$	43.50
32	4730.104.6000	FLANGE, BRASS, METER, MALE, 1-1/2", 6M FORD #CF38-66-2	EA	\$	47.00
33	4730.102.1313	COUPLING, METER, BRS, W/PACK JOINT, C34-22, 5/8" X 3/4", 5/8" CTS PJ	EA	\$	22.50
34	4730.102.1311	COUPLING, METER, W/PACK JOINT, C34-13, 5/8" X 3/4" CTS PJ	EA	\$	19.00
35	4730.102.1314	COUPLING, METER, W/PACK JOINT, C34-23, 5/8" X 3/4" X 3/4" CTS PJ	EA	\$	20.00
36	4730.102.1315	COUPLING, METER, W/PACK JOINT, C34-24, 5/8" X 3/4" x 1" CTS PJ	EA	\$	21.00
37	4730.102.1316	COUPLING, METER, W/PACK JOINT, C34-44, 1" X 1" CTS PJ	EA	\$	27.00
38	4730.102.1310	COUPLING, METER, W/PACK JOINT, C-34-11, 5/8 X 1/2" CTS PJ	EA	\$	18.50
39	4730.104.5400	FLANGE, BRASS, METER, FEMALE, 2", 7F FORD #CF31-77	EA	\$	57.28
40	4730.104.6200	FLANGE, BRASS, METER, MALE, 2", MUELLER	EA	\$	67.00
41	4730.104.5000	FLANGE, BRASS, METER, FEMALE, 1-1/2", MUELLER	EA	\$	46.50
42	4820.107.0985	VALVE, ANGLE, BALL, FIP THREAD, 3/4 X 1 X 1, FORD #BA13-344W	EA	\$	80.00
43	4820.107.0990	VALVE, ANGLE, BALL, FIP THREAD, 1 X 1 X 1 FORD #BA13-444W	EA	\$	111.00
44	4820.107.0805	VALVE, ANGLE, W/LOCK WING, BALL 2", BRASS, MUELLER #B24286	EA	\$	252.00
45	4820.107.0605	VALVE, ANGLE, W/LOCK WING, BALL, 1-1/2", BRASS, FORD# BFA13-666W OR EQUAL	EA	\$	225.00
46	4820.107.0975	VALVE, ANGLE, BALL, FIP THREAD, 3/4 X 1, FORD #BA13-334W	EA	\$	78.50
47	4820.107.0900	VALVE, ANGLE, BALL, 5/8 X 3/4, #3707B24255	EA	\$	73.50
48	4820.107.0972	VALVE, ANGLE, BALL, FIP THREAD, 3/4 X 5/8 X 3/4, MUELLER #B24265	EA	\$	68.75
49	4820.107.0977	VALVE, ANGLE, BALL, FIP THREAD, 3/4 X 1, FORD #BA23-342W	EA	\$	86.00
50	4820.107.0950	VALVE, ANGLE, BALL, 1"X1", MUELLER #3710B24255	EA	\$	109.50
51	4730.240.3010	COUPLING, ANGLE, FEMALE-IRON-PIPE, 3/4", FORD #L31-23	EA	\$	18.00
52	4730.240.3015	COUPLING, ANGLE, FEMALE-IRON-PIPE, 1", FORD #L31-44	EA	\$	26.50
53	4730.539.1000	ADAPTER, METER, CHANGE 5/8 X 3/4 METER TO 3/4' METER LENGHT, FORD # A23	EA	\$	11.00
54	4730.101.8500	ADAPTER, BRASS, FLARE X MALE IRON-PIPE, 1", FORD # C28-44	EA	\$	20.50
55	4730.101.8200	ADAPTER, BRASS, FLARE X MALE IRON-PIPE, 3/4", FORD # C28-33	EA	\$	14.25

56	4730.102.1370	COUPLING, METER, MALE IRON PIPE THREAD, C38-23-2, 5/8" X 3/4" X 2"	EA	\$ 10.50
57	4730.102.1371	COUPLING, METER, MALE IRON PIPE THREAD, C38-23-2.25, 5/8" X 3/4" X 2"-1/4"	EA	\$ 10.50
58	4730.102.1372	COUPLING, METER, MALE IRON PIPE THREAD, C38-23-2.5, 5/8" X 3/4" X 2"-1/2"	EA	\$ 10.50
59	4730.102.1373	COUPLING, METER, MALE IRON PIPE THREAD, C38-23-2.75, 5/8" X 3/4" X 2"-3/4"	EA	\$ 11.50
60	4730.102.1374	COUPLING, METER, MALE IRON PIPE THREAD, C38-23-3, 5/8" X 3/4" X 3"	EA	\$ 12.50
61	4730.102.1300	COUPLING, METER, BRS, 1 X 2.625, MUELLER #H10890	EA	\$ 16.00
62	4730.102.1312	COUPLING, METER, W/PACK JOINT, C34-21, 5/8" X 3/4" X 1/2" CTS PJ	EA	\$ 20.50
63	4730.110.4200	UNION, BRASS, FC X FC, 3 PC, 1", C22-44-1	EA	\$ 31.50
64	4730.110.4000	UNION, BRASS, FC X FC, 3PC, 3/4", MUELLER #H15400	EA	\$ 18.00
65	4730.731.6197	OUTLET ASSEMBLY, ONLY, FOR LINESETTER # LSV11-233W-OL	EA	\$ 48.50
66	4820.015.2000	CURB STOP, BALL-VALVE, FLARE COP XFIP, 3/4", LOCK, #B25166	EA	\$ 62.75
67	4820.015.3000	CURB STOP, 3/4", BALL VALVE, FEMALE IRON PIPE, LOCK WING, MULLER #B20283	EA	\$ 66.99
68	4820.015.2200	CURB STOP, BALL-VALVE, FLARE-COPPER X FIP, MUELLER #B25166	EA	\$ 112.32
69	4820.015.3400	CURB STOP, BALL-VALVE, FEMALE IRON PIPE, 1-1/2", LOCK WING, METER BALL STOP B20200	EA	\$ 165.00
70	4820.015.3600	CURB STOP, BALL-VALVE, FIP, 2", LOCK, MUELLER #B20283	EA	\$ 240.50
71	4820.013.6001	CORP STOP, BALL-VALVE, FLARE COPPER X MALE IRON PIPE, 1", MUELLER B25025	EA	\$ 60.00
72	4820.013.6000	CORP STOP, BALL-VALVE, FLARE COPPER, X MALE IRON PIPE, 3/4", MUELLER #B25025 MIPXCF	EA	\$ 50.00
73	4820.013.2190	CORP STOP, BALL-VALVE, FLARE COPPER X COPPER CONNECT, 3/4" FB 600	EA	\$ 50.00
74	4820.013.2200	CORP STOP, BALL-VALVE, FLARE COPPER X CTS, 1", B25025	EA	\$ 65.00
75	4820.014.0400	CORP STOP, BALL-VALVE, MALE IRON PIPE, 1-1/2" #FB500	EA	\$ 140.50
76	4820.014.0600	CORP STOP, BALL-VALVE, MALE IRON PIPE, 2", MUELLER B2969	EA	\$ 211.00
77	4730.102.1133	COMPRESSION COUPLING, MUELLER, 3/4" CPLG 110, #H15403	EA	\$ 19.50
78	4730.102.1131	COMPRESSION COUPLING, MUELLER, 1" CPLG 110, #H15403	EA	\$ 22.50
79	4730.102.1135	COMPRESSION COUPLING, MUELLER, 1-1/2" CPLG 110, #H15403	EA	\$ 75.00
80	4730.102.1150	COUPLING, COMPRESSION, 2", FORD# CC44-77	EA	\$ 100.00

**% Discount For Off List Section 2 Items**

**Lead Free Brass: 12%**



## SECTION 3: WATEROUS HYDRANT PARTS

Item #	COC Stock #	WATEROUS Hydrant Parts	UOM	Unit Price
1	4210.318.8895	WASHER, VALVE, UPPER, WB67-34 WATEROUS	EA	\$ 127.40
2	4210.318.8890	WASHER, VALVE, LOWER, WB67-36 WATEROUS	EA	\$ 55.00
3	4210.318.8715	VALVE, MAIN, RUBBER, WATEROUS HYDRANT #35	EA	\$ 93.00
4	4210.318.8897	WHEEL ASSEMBLY, SUPPORT, WB67-56, WATEROUS	EA	\$ 99.00
5	4210.318.6920	RING, FLANGE LOCK, WB67-64 WATEROUS	EA	\$ 12.25
6	4210.318.7280	SEAT, VALVE, WB67-31 WATEROUS, #31 WITH #3 & #77	EA	\$ 300.30
7	4210.318.7007	ROD ASSY, UPPER, 21", WB67-71-21" WATEROUS	EA	\$ 224.00
8	4210.318.1080	COUPLING, SLEEVE, (BREAK COUPLING), (ISSUED BY THE PAIR), WATEROUS #67	EA	\$ 36.00
9	4210.318.6960	RING, RETAINER, NOZZLE, 4-1/2", WB-67-117, WATEROUS	EA	\$ 45.00
10	4210.318.2480	GASKET, WB67-92 WATEROUS, #92	EA	\$ 15.00
11	4210.318.8896	TUBE, SUPPORT, WB67-85, WATEROUS	EA	\$ 56.00
12	4210.318.1120	CROSS ARM, WB67-30 WATEROUS #30	EA	\$ 99.00
13	4210.318.5830	O-RING, 2-1/2", NOZZLE, SEAL, WB-67-118, WATEROUS	EA	\$ 10.50
14	4210.318.2485	GASKET, SUPPORT, WB67-84 WATEROUS, #84	EA	\$ 4.534
15	4210.318.1120	CROSS ARM, WB67-30 WATEROUS #30	EA	\$ 99.00
16	4210.318.8898	BUSHING, ASSEMBLY, OPERATING NUT, #89, WATEROUS	EA	\$ 42.00
17	4210.318.5540	NUT, OPERATING, LOWER, WB67-17A WATEROUS	EA	\$ 52.00
18	4210.318.0825	CAP, HOSE NOZZLE, WB67-10X2-1/2 WATEROUS: NST, YELLOW, 2-1/2", CI,	EA	\$ 128.30
19	4210.318.5425	NOZZLE, HOSE, 2-1/2", MECHANICAL, WB-67-12 LEADED WATEROUS #12	EA	\$ 127.00
20	4210.318.5830	O-RING, 2-1/2", NOZZLE, SEAL, WB-67-118, WATEROUS	EA	\$ 14.25
21	4210.318.5430	NOZZLE, PUMPER, 4-1/2", WB-67-12 AMLOCK, WATEROUS #12B	EA	\$ 349.00
22	4210.319.6000	HYDRANT, EXTENSION KIT, TOP 24" WB-67, WATEROUS	EA	\$ 1,082.00
23	4210.319.5600	HYDRANT, EXTENSION KIT, TOP, 12", WB-67-12, WATEROUS	EA	\$ 825.00

24	4210.319.5400	HYDRANT, EXTENSION KIT, TOP, 6", WB-67-12, WATEROUS	EA	\$	693.00
25	4210.319.8000	KIT, TRAF REP WB-67 WATEROUS #K528	EA	\$	323.00
26	4210.318.0001	HYDRANT, TRAFFIC, DB, 42", WATEROUS	EA	\$	2,400.00
27	4210.318.0002	HYDRANT, TRAFFIC, DB, 48", WATEROUS	EA	\$	2,500.00
28	4210.318.0003	HYDRANT, TRAFFIC, DB, 54", WATEROUS	EA	\$	2,500.00
<div>% Discount For Off List Section 3 Items WATEROUS Hydrant Parts: 12%</div>					

## SECTION 4: CLOW HYDRANTS &amp; PARTS

Item #	COC Stock #	CLOW Hydrants & Parts	UOM	Unit Price
1	4210.318.0001	HYDRANT, TRAFFIC, DB, 42", CLOW	EA	\$ 2,450.00
2	4210.318.0002	HYDRANT, TRAFFIC, DB, 48", CLOW	EA	\$ 2,550.00
3	4210.318.0003	HYDRANT, TRAFFIC, DB, 54", CLOW	EA	\$ 2,550.00
4	4210.315.1030	STEM, UPPER, #M-7, CLOW MEDALLION HYDRANT	EA	\$ 173.00
5	4210.315.1185	CAP, HOSE NOZZLE, #M-43, CLOW MEDALLION HYDRANT	EA	\$ 77.00
6	4210.315.1175	NOZZLE, HOSE, #M-41, CLOW MEDALLION HYDRANT	EA	\$ 122.00
7	4210.315.1095	VALVE, MAIN, RUBBER, #M-21, CLOW MEDALLION HYDRANT	EA	\$ 71.25
8	4210.315.1085	RING, SEAT, #M-19, CLOW MEDALLION HYDRANT	EA	\$ 410.00
9	4210.315.1075	PLATE, VALVE, UPPER, #M-17, CLOW MEDALLION HYDRANT	EA	\$ 225.50
10	4210.315.1150	NOZZLE, PUMPER, #M-36, CLOW MEDALLION HYDRANT	EA	\$ 274.00
11	4210.315.1045	COUPLING, STEM, SAFETY, #M-10, CLOW MEDALLION HYDRANT	EA	\$ 54.00
12	4210.315.1105	VALVE, PLATE, LOWER, #M-24, CLOW MEDALLION, HYDRANT	EA	\$ 184.00
13	4210.315.1010	NUT, OPERATING, #M-3, CLOW MEDALLION HYDRANT	EA	\$ 154.00
14	4210.315.1110	NUT, THRUST, #M-27, CLOW MEDALLION HYDRANT	EA	\$ 123.00
15	4210.315.1155	GASKET, PUMPER, NOZZLE, #M-37, CLOW MEDALLION HYDRANT	EA	\$ 5.50
16	4210.315.1130	O-RING, BONNET, #M-32, CLOW MEDALLION HYDRANT	EA	\$ 4.00
17	4210.315.1180	GASKET, HOSE, NOZZLE, # M-42, CLOW MEDALLION HYDRANT	EA	\$ 2.00
18	4210.315.1210	FLANGE, SAFETY, #M-49, CLOW MEDALLION HYDRANT"(ISSUED BY THE PAIR)	EA	\$ 65.00
19	4210.315.1140	LOCK, PUMPER, NOZZLE, #M-34, CLOW MEDALLION HYDRANT	EA	\$ 6.00
20	4210.315.1005	NUT, OPERATIONG, THRUST BEARING, #M-2, CLOW MEDALLION HYDRANT	EA	\$ 2.00
21	4210.315.1165	LOCK, NOZZLE, NOSE, #M-39, CLOW MEDALLION HYDRANT	EA	\$ 6.00

22	4210.315.1120	BOLTS & NUTS, BONNET, #M-29, CLOW MEDALLION HYDRANT	EA	\$	1.00
23	4210.315.1195	BOLTS & NUTS, SAFETY FLANGE, # M-46, CLOW MEDALLION HYDRANT	EA	\$	3.00
24	4210.315.1090	O-RING, SEAT RING, LOWER, M-20, CLOW MEDALLION HYDRANT	EA	\$	8.00
25	4210.315.1100	WASHER, LOCK, VALVE PLATE, LOWER, #M-22, CLOW MEDALLION HYDRANT	EA	\$	3.00
26	4210.315.1180	GASKET, HOSE, NOZZLE, # M-42, CLOW MEDALLION HYDRANT	EA	\$	2.00
27	4210.319.6750	HYDRANT, REPAIR KIT, CLOW, # R1620771, M-15 THRU M-24	EA	\$	390.00
28	4210.319.6710	HYDRANT, EXTENSION KIT, CLOW, 12	EA	\$	711.00
29	4210.319.6700	HYDRANT, EXTENSION KIT, CLOW, 6	EA	\$	625.00
% Discount For Off List Section 4 Items CLOW Hydrants & Parts: 12%					

SECTION 5: KENNEDY HYDRANT PARTS					
Item #	COC Stock #	KENNEDY Hydrant Parts	UOM		Unit Price
1	4210.316.3105	INSERT, SEAT RING, #K8127, KENNEDY Hydrant	EA	\$	133.00
2	4210.316.3158	CAP, HOSE NOZZLE, 2-1/2", WITH 1-1/2" PENTAGON OPERATING NUT #K8144, KENNEDY Hydrant	EA	\$	83.00
3	4210.316.3105	NUT, OPERATING, STEM, #K8102, KENNEDY Hydrant	EA	\$	230.00
4	4210.316.3130	PLATE, BOTTOM, #K8132, KENNEDY Hydrant	EA	\$	98.00
5	4120.316.3110	RING, SEAT, #K8128, KENNEDY Hydrant	EA	\$	300.00
6	4120.316.3150	NOZZLE, STREAMER, #K8142, KENNEDY Hydrant	EA	\$	287.00
7	4120.316.3166	O-RING, #K8145 FOR STREAMER NOZZLE, KENNEDY Hydrant	EA	\$	5.00
8	4120.316.3015	WASHER, THRUST, #K8106, KENNEDY Hydrant	EA	\$	4.00
9	4120.316.3005	NUT, LOCK, STEM, # K8104, KENNEDY Hydrant	EA	\$	71.00
10	4120.316.3151	NOZZLE, HOSE, #K8140, KENNEDY Hydrant	EA	\$	131.00

11	4120.316.3125	VALVE, MAIN, #K8131, KENNEDY Hydrant	EA	\$	170.00
12	4120.316.3155	GASKET, 4 1/2" NOZZLE, CAP, #K8143, KENNEDY Hydrant	EA	\$	18.00
13	4120.316.3080	PIN, BRIDGE, #K-8121R, KENNEDY Hydrant	EA	\$	12.00
14	4120.316.3075	O-RING, #K8120, KENNEDY Hydrant	EA	\$	21.00
15	4120.316.3065	BOLTS & NUTS, #K8118, KENNEDY Hydrant	EA	\$	13.25
16	4120.316.3025	BOLTS & NUTS, HYDRANT CAP, #K8108, KENNEDY Hydrant	EA	\$	10.00
17	4210.316.3165	O-RING, #K8145 FOR HOSE NOZZLE, KENNEDY Hydrant	EA	\$	5.00
18	4210.316.3085	PIN (8), CLEVIS, #K8122R, KENNEDY Hydrant	EA	\$	18.00
19	4210.316.3175	KIT, COLLISION, REPAIR, #K8149, KENNEDY Hydrant	EA	\$	292.00
20	4210.314.3050	STEM, UPPER, #K8114, KENNEDY Hydrant, (OPEN LEFT)	EA	\$	211.00
21	4210.319.6500	HYDRANT, EXTENSION KIT, KENNEDY, 6" 5-1/2"	EA	\$	645.00
22	4210.319.6510	HYDRANT, EXTENSION KIT, KENNEDY, 12", (GUARDIAN 5-1/2")	EA	\$	774.00
23	4210.318.0001	HYDRANT, TRAFFIC, DB, 42", KENNEDY	EA	\$	2,450.00
24	4210.318.0002	HYDRANT, TRAFFIC, DB, 48", KENNEDY	EA	\$	2,550.00
25	4210.318.0003	HYDRANT, TRAFFIC, DB, 54", KENNEDY	EA	\$	2,550.00
% Discount For Off List Section 5 Items KENNEDY Hydrant Parts: <u>12%</u>					

SECTION 10: SADDLES				
Item #	COC Stock #	SADDLES	UOM	Unit Price
1	4730.721.3615	SADDLE, BRASS, SINGLE STRAP, 6 X 3/4, IP, O.D. 6.625, FOR STANDARD PIPE PCV, FORD PART # S91-603, BR1B	EA	\$ 55.50

2	4730.721.3915	SADDLE, BRASS, SINGLE STRAP, 6 X 1, IP, O.D. 6.625, FOR STANDARD PIPE PVC, FORD PART # S71-604	EA	\$	55.00
3	4730.720.1400	SADDLE, BRASS, DOUBLE STRAP, 6 X 1-1/2 IP	EA	\$	135.50
4	4730.720.1300	SADDLE, BRASS, DOUBLE STRAP, 6 X 1 IP, BR2B	EA	\$	115.00
5	4730.720.1200	SADDLE, BRASS, DOUBLE STRAP, 6 X 3/4 IP, BR2B	EA	\$	115.00
6	4730.720.1100	SADDLE, BRASS, DOUBLE STRAP, 6 X 3/4 CC, #BR2B	EA	\$	115.00
7	4730.720.1500	SADDLE, BRASS, DOUBLE STRAP, 6 X 2 IP, FORD # 202B-7.50	EA	\$	145.00
8	4730.720.1800	SADDLE, BRASS, DOUBLE STRAP, 8 X 1 IP, 9.63, 202B-9.62XIP4	EA	\$	146.50
9	4730.720.1610	SADDLE, BRASS, DOUBLE STRAP, 8 X 3/4 IP, 9.05 - 9.62 OD., FORD # 202B-962-TAP	EA	\$	142.00
10	4730.720.1700	SADDLE, BRASS, DOUBLE STRAP, 8 X 1 CC, 9.63	EA	\$	143.50
11	4730.720.7400	SADDLE, BRASS, SINGLE STRAP, 8 X 1 IP, FOR PVC, # S71.804	EA	\$	80.50
12	4730.721.2505	SADDLE, BRASS, SINGLE STRAP, 4 X 1, IP, O.D. 4.50, FOR STANDRAD PIPE PCV, FORD PART # S71-404	EA	\$	39.50
13	4730.721.2305	SADDLE, BRASS, SINGLE STRAP, 4 X 3/4, IP, O.D. 4, BR1B, FOR STANDARD PIPE PVC	EA	\$	36.75
14	4730.721.3900	SADDLE, BRASS, SINGLE STRAP, 6 X 1 IP, FOR PVC	EA	\$	58.75
15	4730.721.3610	SADDLE, BRASS, SINGLE STRAP, 6 X 3/4, O.D. 6.80 IP FOR C900 PVC PIPE	EA	\$	58.75
16	4730.720.1810	SADDLE, BRASS, DOUBLE STRAP, 8 X 1-1/2 IP	EA	\$	150.00
17	4730.720.2400	SADDLE, BRASS, DOUBLE STRAP, 10" X 2", IP, 202B-12.12X IP7, AC PIPE	EA	\$	198.00
18	4730.720.1900	SADDLE, BRASS, DOUBLE STRAP, 8 X 2 IP, 9.05 -9.62 OD, #202b	EA	\$	166.25
19	4730.720.3200	SADDLE, BRASS, DOUBLE STRAP, 12 X 2 IP, 202B-14.38 X IP7	EA	\$	237.00
20	4730.720.2800	SADDLE, BRASS, DOUBLE STRAP, 12 X 1 IP, BR2B	EA	\$	206.00
21	4730.720.2510	SADDLE, BRASS, DOUBLE STRAP, 12 X 3/4 IP, 202B-14.38XIP3	EA	\$	208.00
22	4730.720.7100	SADDLE, BRASS, SINGLE STRAP, 8 X 3/4 IP	EA	\$	80.50
23	4730.720.4200	SADDLE, BRASS, DOUBLE STRAP, 16X2 IP, 202B-19.25XIP7 FOR AC PIPE	EA	\$	353.00
<b>% Discount For Off List Section 10 Items</b> <b>Saddles: 12%</b>					

## SECTION 11: CLAMPS

Item #	COC Stock #	CLAMPS	UOM	Unit Price
1	4730.697.5000	CLAMP, REP, FULL CIRCLE, 6" X 12.5", 7.05-7.45 OD., WITH 1" TAP	EA	\$ 136.00
2	4730.697.5005	CLAMP, REP, FULL CIRCLE, 8" X 12.5", 8.99 - 9.79 OD., WITH 1" TAP	EA	\$ 138.00
3	4730.697.5015	CLAMP, REP, FULL CIRCLE, 12" X 15", 14.00-14.45 OD., WITH 1" TAP	EA	\$ 206.00
4	4730.697.5016	CLAMP, REP, FULL CIRCLE, 4" X 7.5", 4.45-4.73 OD., CR1 475, WITH 1" TAP	EA	\$ 77.00
5	4730.697.5017	CLAMP, REP, FULL CIRCLE, 4" X 12.5", 4.74-5.14 OD., CR1 515	EA	\$ 122.00
6	4730.697.5019	CLAMP, REP, FULL CIRCLE, 6" X 12.5", 6.84-7.24 OD., CR1 724, WITH 1" TAP	EA	\$ 140.00
7	4730.697.5020	CLAMP, REP, FULL CIRCLE, 8" X 12.5", 8.99-9.39 OD., CR1 940, WITH 1" TAP	EA	\$ 140.00
8	4730.697.5023	CLAMP, REP, FULL CIRCLE, 12" X 12.5", 13.1-13.5 OD., CR1 1350, WITH 1" TAP	EA	\$ 192.00
9	4730.651.4001	CLAMP, REP, SS, SL, 4 X 7, 4.75-5.15, 401-7-515: F1-514-7.5	EA	\$ 73.00
10	4730.651.6000	CLAMP, REP, SS, SL, 4 X 12, 4.74-5.14, FS1-514X12.5	EA	\$ 122.00
11	4730.655.3000	CLAMP, REP, SS, SL, 6 X 12, 7.05-7.45, SS BOLTS & NUTS, FS1-745-12.5	EA	\$ 120.00
12	4730.655.4000	CLAMP, REP, SS, SL, 6 X 15, 7.05-7.45, FS1-745	EA	\$ 143.00
13	4730.654.6006	CLAMP, REP, SS, SL, 6 X 12, 6.84-7.24, F1-724-12.5	EA	\$ 117.00
14	4730.654.4006	CLAMP, REP, SS, SL, 6 X 12, 6.56-6.96, FS1-696-12.5	EA	\$ 117.00
15	4730.655.8001	CLAMP, REP, FSI, SS, 6 X 20, 7.05-7.45	EA	\$ 197.00
16	4730.697.5006	CLAMP, REP, FULL CIRCLE, 8" X 12.5", 8.99 - 9.79 OD., PART# F2.949.12	EA	\$ 197.00
17	4730.656.6001	CLAMP, REP, SS, SL, 8" X 10", 8.54-8.94, FS1-894-10	EA	\$ 109.00
18	4730.657.0003	CLAMP, REP, SS, SL, 8 X 12.5, 8.99-9.39, F1-939-12.5	EA	\$ 129.00
19	4730.657.2001	CLAMP, REP, SS, SL, 8 X 15, 8.99-9.39, 401-15-939/FS1	EA	\$ 147.00
20	4730.657.6001	CLAMP, REP, SS, SL, 8 X 25, 8.99-9.39, SS NUTS & BOLTS, FS1-939X24	EA	\$ 243.00
21	4730.658.4001	CLAMP, REP, SS, SL, 10 X 12, 10.64-11.04, FS1-1104-12.5	EA	\$ 153.00

22	4730.658.5004	CLAMP, REP SS, SL, 10 X 12, 11.10-11.44, FS1-1144-12.5	EA	\$	153.00
23	4730.658.6004	CLAMP, REP, SS, SL, 10 X 20, 11.10-11.44, F1S-1144-20, #FS1	EA	\$	235.00
24	4730.659.0001	CLAMP, REP, SS, SL, 10 X 25, 11.01-11.44	EA	\$	290.00
25	4730.660.8010	CLAMP, REP, SS, SL, 12 X 15, 14.00-14.40, SS BOLTS&NUTS, FS1-1440-15	EA	\$	189.00
26	4730.660.8005	CLAMP, REP, SS, SL, 12 X 12-1/2, 14.00-14.40, FS1-1440-12.5	EA	\$	170.00
27	4730.662.1001	CLAMP, REP, SS, SL, 12 X 15, 14.00-14.80 SS	EA	\$	270.00
28	4730.661.3002	CLAMP, REP, SS, SL, 12 X 24, 14.00-14.40, #CR1 1440	EA	\$	307.00
29	4730.660.4001	CLAMP, REP, SS, SL, 12 X 25, 13.10-13.50	EA	\$	330.00
30	4730.649.7005	CLAMP, REP, SS, DL, 16 X 7.5, 17.40-17.80	EA	\$	220.00
31	4730.650.0006	CLAMP, REP, SS, DL, 16 X 20, 18.46-19.21	EA	\$	528.00
32	4730.647.4050	CLAMP, REP, SS, TL, 20 X 15, 21.60-22.80O.D., FS3-2280-15	EA	\$	420.00
33	4730.662.2002	CLAMP, REP, SS, SL, 24 X 20, SS BOLTS&NUTS, F73-2700.20	EA	\$	800.00
<b>% Discount For Off List Section 11 Items</b> <b>Clamps: 12%</b>					

SECTION 12: MJ KITS & MEGA LUGS					
Item #	COC Stock #	MJ KITS	UOM	Unit Price	
1	4730.169.1250	KIT, ACCESSORY, MJ, W/FOLLOWER, 6", STD GLAND, TRAN GASKET	EA	\$	28.67
2	4730.169.0400	KIT, ACCESSORY, MJ, W/FOLLOWER, 4", STD GLAND, STD GASKET	EA	\$	20.48
3	4730.169.0600	KIT, ACCESSORY, MJ, W/FOLLOWER, 6", STD GLAND, STD GASKET	EA	\$	36.00
4	4730.169.1200	KIT, ACCESSORY, MJ, W/FOLLOWER, 12", STD GLAND, STD GASKET	EA	\$	60.00
5	4730.169.1000	KIT, ACCESSORY, MJ, W/FOLLOWER, 10", STD GLAND, STD GASKET	EA	\$	60.00
6	4730.169.0800	KIT, ACCESSORY, MJ, W/FOLLOWER, 8", STD GLAND, STD GASKET	EA	\$	43.00



7	4730.169.1250	KIT, ACCESSORY, MJ, W/FOLLOWER, 16", STD GLAND, STD GASKET	EA	\$ 100.00
<b>Item #</b>	<b>COC Stock #</b>	<b>MEGA LUGS</b>	<b>UOM</b>	<b>Unit Price</b>
8	4730.703.0300	MEGA LUG THRUST RESTRAINT, MJ, DIP, 6"	EA	\$ 34.64
9	4730.703.0350	MEGA LUG THRUST RESTRAINT, MJ, DIP, 8"	EA	\$ 52.87
10	4730.703.0400	MEGA LUG THRUST RESTRAINT, MJ, DIP, 10"	EA	\$ 63.00
11	4730.703.0450	MEGA LUG THRUST RESTRAINT, MJ, DIP, 12"	EA	\$ 92.00
<b>Item #</b>	<b>COC Stock #</b>	<b>MEGA LUGS PVC</b>	<b>UOM</b>	<b>Unit Price</b>
12	4730.705.4506	MEGA LUG THRUST RESTRAINT, 6", C900 & IPS, RED	EA	\$ 43.79
13	4730.705.4508	MEGA LUG THRUST RESTRAINT, 8", C900 & IPS, RED	EA	\$ 64.82
14	4730.705.4510	MEGA LUG THRUST RESTRAINT, 10", C900 & IPS, RED	EA	\$ 122.55
15	4730.705.4512	MEGA LUG THRUST RESTRAINT, 12", C900 & IPS, RED	EA	\$ 128.79
16	4730.705.4516	MEGA LUG THRUST RESTRAINT, 16", F/C900, RED	EA	\$ 221.00
% Discount For Off List Section 12 Items MJ Kits: <u>12%</u> Mega Lugs: <u>12%</u> Mega Lugs PVC: <u>12%</u>				

**CITY OF CHANDLER, ARIZONA  
INVITATION FOR BID NO. WH3-890-3914**

**EXHIBIT C TO AGREEMENT  
INSURANCE**

**INSURANCE**

General.

- A. At the same time as execution of this Agreement, the Contractor shall furnish the City a certificate of insurance on a standard insurance industry ACORD form. The ACORD form must be issued by an insurance company authorized to transact business in the State of Arizona possessing a current A.M. Best, Inc. rating of A-7, or better and legally authorized to do business in the State of Arizona with policies and forms satisfactory to City. Provided, however, the A.M. Best rating requirement shall not be deemed to apply to required Workers' Compensation coverage.
- B. The Contractor and any of its subcontractors shall procure and maintain, until all of their obligations have been discharged, including any warranty periods under this Agreement are satisfied, the insurances set forth below.
- C. The insurance requirements set forth below are minimum requirements for this Agreement and in no way limit the indemnity covenants contained in this Agreement.
- D. The City in no way warrants that the minimum insurance limits contained in this Agreement are sufficient to protect Contractor from liabilities that might arise out of the performance of the Agreement services under this Agreement by Contractor, its agents, representatives, employees, subcontractors, and the Contractor is free to purchase any additional insurance as may be determined necessary.
- E. Failure to demand evidence of full compliance with the insurance requirements in this Agreement or failure to identify any insurance deficiency will not relieve the Contractor from, nor will it be considered a waiver of its obligation to maintain the required insurance at all times during the performance of this Agreement.
- F. Use of Subcontractors: If any work is subcontracted in any way, the Contractor shall execute a written contract with Subcontractor containing the same Indemnification Clause and Insurance Requirements as the City requires of the Contractor in this Agreement. The Contractor is responsible for executing the Agreement with the Subcontractor and obtaining Certificates of Insurance and verifying the insurance requirements.

Minimum Scope and Limits of Insurance. The Contractor shall provide coverage with limits of liability not less than those stated below.

- A. *Commercial General Liability-Occurrence Form.* Contractor must maintain "occurrence" form

Commercial General Liability insurance with a limit of not less than \$2,000,000 for each occurrence, \$4,000,000 aggregate. Said insurance must also include coverage for products and completed operations, independent contractors, personal injury and advertising injury. If any Excess insurance is utilized to fulfill the requirements of this paragraph, the Excess insurance must be "follow form" equal or broader in coverage scope than underlying insurance.

- B. *Automobile Liability-Any Auto or Owned, Hired and Non-Owned Vehicles Vehicle Liability:* Contractor must maintain Business/Automobile Liability insurance with a limit of \$1,000,000 each accident on Contractor owned, hired, and non-owned vehicles assigned to or used in the performance of the Contractor's work or services under this Agreement. If any Excess or Umbrella insurance is utilized to fulfill the requirements of this paragraph, the Excess or Umbrella insurance must be "follow form" equal or broader in coverage scope than underlying insurance.
- C. *Workers Compensation and Employers Liability Insurance:* Contractor must maintain Workers Compensation insurance to cover obligations imposed by federal and state statutes having jurisdiction of Contractor employees engaged in the performance of work or services under this Agreement and must also maintain Employers' Liability insurance of not less than \$1,000,000 for each accident and \$1,000,000 disease for each employee.

Additional Policy Provisions Required.

- A. *Self-Insured Retentions or Deductibles.* Any self-insured retentions and deductibles must be declared and approved by the City. If not approved, the City may require that the insurer reduce or eliminate any deductible or self-insured retentions with respect to the City, its officers, officials, agents, employees, and volunteers.
  - 1. The Contractor's insurance must contain broad form contractual liability coverage.
  - 2. The Contractor's insurance coverage must be primary insurance with respect to the City, its officers, officials, agents, and employees. Any insurance or self-insurance maintained by the City, its officers, officials, agents, and employees shall be in excess of the coverage provided by the Contractor and must not contribute to it.
  - 3. The Contractor's insurance must 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.
  - 4. Coverage provided by the Contractor must not be limited to the liability assumed under the indemnification provisions of this Agreement.
  - 5. The policies must contain a severability of interest clause and waiver of subrogation against the City, its officers, officials, agents, and employees, for losses arising from Work performed by the Contractor for the City.

6. The Contractor, its successors and or assigns, are required to maintain Commercial General Liability insurance as specified in this Agreement for a minimum period of three years following completion and acceptance of the Work. The Contractor must submit a Certificate of Insurance evidencing Commercial General Liability insurance during this three-year period containing all the Agreement insurance requirements, including naming the City of Chandler, its agents, representatives, officers, directors, officials, and employees as Additional Insured as required.
7. If a Certificate of Insurance is submitted as verification of coverage, the City will reasonably rely upon the Certificate of Insurance as evidence of coverage, but this acceptance and reliance will not waive or alter in any way the insurance requirements or obligations of this Agreement.

B. *Insurance Cancellation During Term of Contract/Agreement.*

1. If any of the required policies expire during the life of this Contract/Agreement, the Contractor must forward renewal or replacement Certificates to the City within ten days after the renewal date containing all the required insurance provisions.
2. Each insurance policy required by the insurance provisions of this Contract/Agreement shall provide the required coverage and shall not be suspended, voided or canceled except after 30 days prior written notice has been given to the City, except when cancellation is for non-payment of premium, then ten days prior notice may be given. Such notice shall be sent directly to Chandler Law-Risk Management Department, Post Office Box 4008, Mailstop 628, Chandler, Arizona 85225. If any insurance company refuses to provide the required notice, the Contractor or its insurance broker shall notify the City of any cancellation, suspension, non-renewal of any insurance within seven days of receipt of insurers' notification to that effect.

A. *City as Additional Insured.* The policies are to contain, or be endorsed to contain, the following provisions:

1. The Commercial General Liability and Automobile Liability policies are to contain, or be endorsed to contain, the following provisions: The City, its officers, officials, agents, and employees are additional insureds with respect to liability arising out of activities performed by, or on behalf of, the Contractor including the City's general supervision of the Contractor; Products and Completed operations of the Contractor; and automobiles owned, leased, hired, or borrowed by the Contractor.
2. The City, its officers, officials, agents, and employees must be additional insureds to the full limits of liability purchased by the Contractor even if those limits of liability are in excess of those required by this Agreement.

**EXHIBIT D TO AGREEMENT  
SPECIAL CONDITIONS**

**NONE**



**City Council Memorandum      Management Services      Memo No. N/A**

**Date:** May 22, 2023  
**To:** Mayor and Council  
**Thru:** Joshua H. Wright, City Manager  
Dawn Lang, Deputy City Manager - CFO  
Kristi Smith, Financial Services Assistant Director  
**From:** Christina Pryor, Procurement & Supply Senior Manager  
**Subject:** Purchase of Janitorial and Sanitation Supplies

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**Proposed Motion:**

Move City Council approve the purchase of janitorial and sanitation supplies, from Waxie Sanitary Supply, utilizing the City of Tucson Contract No. 202329-01, in an amount not to exceed \$250,000, for the period of June 1, 2023, through May 31, 2024.

**Background/Discussion:**

The City of Chandler requires a diverse and extensive supply of janitorial and sanitation supplies for delivery to Central Supply and various other City locations, as well as a representative to provide onsite product and service consultations, demonstrations, and cleaning direction and training. The City of Tucson contract provides a broad supply of products and services to ensure the support of daily maintenance operations. It includes such items as carpet and hard floor care cleaners, brooms and buckets, restroom care and cleaning supplies, as well as toilet paper, paper towels, and plastic can liners.

**Evaluation:**

The City of Tucson, as the Principal Procurement Agency, partnered with OMNIA Partners and competitively solicited and awarded a contract for janitorial and sanitation supplies. The City has a current agreement with the City of Tucson allowing for the cooperative use of Tucson's contracts. The City of Tucson's contract is valid through May 31, 2025.

Items are purchased throughout the year only as needed and stock levels are maintained at the minimum levels necessary to support City operations. Staff recommends cooperative use of this contract based on volume discounts and value-added services such as training, consulting, and equipment repair programs.

**Financial Implications:**

Funds for the purchase of janitorial and sanitation supplies will be from the Central Supply Inventory account (101.0000.1516) and charged back to individual cost centers as supplies are issued.

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Fiscal Impact				
Account No.	Fund Name	Program Name	Dollar Amount	CIP Funded Y/N
101.0000.1516.0.0.0	General	N/A	\$250,000	N

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**City Council Memorandum      Police Memo No. 23-029**

**Date:** May 22, 2023  
**To:** Mayor and Council  
**Thru:** Joshua H. Wright, City Manager  
Tadd Wille, Assistant City Manager  
Sean Duggan, Police Chief  
**From:** Melanie Smith, Senior Management Analyst  
**Subject:** Resolution No. 5690 Intergovernmental Agreement with Chandler Unified School District No. 80 for Police Department Security Camera System Emergency Access

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**Proposed Motion:**

Move City Council pass and adopt Resolution No. 5690 pertaining to an Intergovernmental Agreement granting the Chandler Police Department emergency access to the Chandler Unified School District No. 80 Security Camera System; and authorize the Chief of Police, as designated by the City Manager, to conduct all negotiations and to execute and submit all documents necessary in connection with such agreement.

**Background/Discussion:**

The City of Chandler Police Department and Chandler Unified School District (CUSD) No. 80 desire to enter into this Agreement for the purpose of working in cooperation with one another to further the public interests served by prompt and informed emergency response services by allowing emergency access to CUSD's school security camera system. In the event of an ongoing emergency on a CUSD school campus or facility, both CUSD and the Police Department desire to provide first responders with information available through the respective campus security camera system(s) in the interest of the safety of all involved. The City has had a similar arrangement with Chandler Fashion Mall (Macerich) since 2015 that allows the Police Department to access mall security cameras in the event of an emergency only.

The Police Department will only have access to any CUSD campus surveillance



system(s) during and in response to an active/ongoing emergency occurring on or involving a CUSD campus, under the supervision and guidance of a District employee, and only to the extent necessary to protect the health or safety of the student or other individuals as determined by CUSD. "Emergency" means a situation in which articulable facts indicate that a significant threat to the health or safety of a student or other individuals exists. The Police Department will not have access to any CUSD campus security camera system for any other purpose or at any other time. The Police Department will not have access to the security camera system of any campus that is not involved in the active/ongoing emergency and cannot record or share video content from CUSD security cameras without a subpoena. Likewise, security camera content transmitted to the Police Department from a CUSD facility will not be stored by the City.

CUSD campus surveillance footage is subject to the provisions and confidentiality provided under the Family Education Rights and Privacy Act (20 U.S.C. 1232g; 34 C.F.R. Part 99) ("FERPA"). The IGA was approved by CUSD on April 6, 2023, for a term of three (3) years from the effective date (April 3, 2023).

### **Financial Implications:**

There are no financial obligations to the City of Chandler.

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### **Attachments**

Resolution No 5690

IGA with CUSD and CPD

**RESOLUTION NO. 5690**

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF CHANDLER, ARIZONA AUTHORIZING AND APPROVING AN INTERGOVERNMENTAL AGREEMENT BETWEEN THE CITY OF CHANDLER POLICE DEPARTMENT AND THE CHANDLER UNIFIED SCHOOL DISTRICT NO. 80 FOR POLICE DEPARTMENT SURVEILLANCE SYSTEM EMERGENCY ACCESS.

WHEREAS, the City of Chandler, through its Police Department, wishes to enter into this agreement requested by the Chandler Unified School District No. 80.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Chandler, Arizona, as follows:

Section 1. THAT approval is granted for the Chandler Police Department to execute the IGA with the Chandler Unified School District No. 80 for surveillance system emergency access.

Section 2. THAT the Mayor is authorized to sign the Agreement and the Chief of Police is appointed agent for the City of Chandler, to administer, execute, and submit all documents and any other necessary instruments in connection with said program. The Chief of Police is authorized to approve and execute, on behalf of the City of Chandler, any such future extensions of this Agreement under the same terms and conditions not to exceed the duration of the original agreement.

PASSED AND ADOPTED by the City Council of the City of Chandler, Arizona, this \_\_\_\_\_ day of May 2023.

ATTEST:

\_\_\_\_\_  
CITY CLERK

\_\_\_\_\_  
MAYOR

**CERTIFICATION**

I HEREBY CERTIFY that the above and foregoing Resolution No. 5690 was duly passed and adopted by the City Council of Chandler, Arizona, at a regular meeting held on the \_\_\_\_\_ day of May 2023.

\_\_\_\_\_  
CITY CLERK

APPROVED AS TO FORM:

\_\_\_\_\_  
CITY ATTORNEY

EPW

**INTERGOVERNMENTAL AGREEMENT  
BETWEEN  
THE CHANDLER UNIFIED SCHOOL DISTRICT NO. 80  
AND  
THE CITY OF CHANDLER  
FOR POLICE DEPARTMENT SURVEILLANCE SYSTEM EMERGENCY ACCESS**

This Intergovernmental Agreement ("IGA") is entered by and between the Chandler Unified School District No. 80, a political subdivision of the State of Arizona ("District"), and the City of Chandler, a political subdivision of the State of Arizona, on behalf of the Chandler Police Department ("City") for the provision of emergency access to District campus surveillance systems. District and City may be referred to herein individually as "Party" and collectively as "Parties."

**RECITALS**

WHEREAS, the Parties are authorized to enter into this Agreement pursuant to A.R.S. § 11-952 et seq.; and

WHEREAS, the Parties have placed City peace officers in certain District school campuses as School Resource Officers; and

WHEREAS, City responds to calls for police service at District campuses located within the boundaries of the City; and

WHEREAS, in the event of an ongoing emergency on a District school campus or involving a District campus, the Parties desire to provide first responders with information available through the respective campus security camera/surveillance system(s) in the interest of the safety of all involved; and

WHEREAS, the Parties desire to work in cooperation with one another to further the public interests served by prompt and informed emergency response services pursuant to applicable laws, policies, and the terms of this IGA.

**AGREEMENT**

NOW THEREFORE, in consideration of the mutual promises and undertakings contained herein, the parties agree as follows:

**I. PURPOSE AND INTENT**

The purpose of this IGA is to set forth the responsibilities of the parties for the provision of emergency access to District campus surveillance systems, and to address legal and administrative matters among the parties.

**II. SCOPE AND CONDITION**

City acknowledges and agrees that District will only grant City access to any District campus surveillance system(s) during and in response to an active/ongoing emergency occurring on or involving a District campus, under the supervision and guidance of a District employee, and only to the extent necessary to protect the health or safety of the student or other individuals as determined by the District. "Emergency" means a situation in which articulable

facts indicate that a significant threat to the health or safety of a student or other individuals exists. City will not have access to any District campus surveillance system for any other purpose or at any other time. City will not have access to the surveillance system of any campus that is not involved in the active/ongoing emergency.

### III. TERM TERMINATION AND RENEWAL

A. This IGA shall become effective April 3, 2023 and shall remain in effect for 3 years thereafter, unless otherwise terminated or renewed by the Parties.

B. Either Party may terminate this IGA, with or without cause, by providing 15 days' advance written notice of termination to the other Party.

### IV. RESPONSIBILITIES OF THE PARTIES

A. District shall provide City access to District campus surveillance systems under the supervision and guidance of a District employee when District determines, based upon the totality of the circumstances at the time of the determination, that there is an articulable and significant threat to the health or safety of a student or other individuals and the information available through the surveillance system is necessary to protect the health or safety of the student or other individuals.

B. City shall have access to District campus surveillance systems when District grants such access in ongoing/active emergency basis as determined by the District under the terms of this IGA. The City shall not navigate or use the District's surveillance system without an authorized District employee to guide such access, and the City agrees it will not record, re-disclose, or otherwise duplicate the information on the District's surveillance system without a subpoena as required under FERPA.

### V. CONFIDENTIALITY

City understands and agrees that District campus surveillance footage is subject to the provisions and confidentiality provided under the Family Education Rights and Privacy Act (20 U.S.C. 1232g; 34 C.F.R. Part 99) ("FERPA"). City further understands and agrees that any use of District campus surveillance footage will comply with FERPA and City shall not access District campus surveillance footage outside of the tenants of this IGA and FERPA.

### VI. SUPERVISION, EQUIPMENT AND MATERIALS

No employee, agent, or servant of a Party shall be deemed to be an employee, agent or servant of the other Party. Each Party will be solely and entirely responsible for its acts and the acts of its employees, agents, servants, subcontractors, and volunteers during the performance of this IGA. Each Party will have total responsibility for all salaries, wages, bonuses, retirement withholdings, worker's compensation, occupational disease compensation, unemployment compensation, other employment compensation, other employee benefits, and all employer's taxes and premiums concerning any Party-personnel involved in the performance of this IGA, and each Party agrees to hold the other Party harmless from any liability therefrom.

District shall have sole supervisory authority over District personnel, operations, services, property, facilities and materials; and City shall have sole supervisory authority over City personnel, operations, services, property, facilities and materials.

Except as otherwise provided in this IGA, the Parties agree to avoid using the other Party's materials and/or equipment for purposes not directly associated with the purpose and intent of this IGA without the prior express written consent from the Party to whom the equipment and/or materials belong. However, this provision shall not be construed to prohibit any use of materials or equipment of another Party that is merely nominal, incidental, or on an emergency basis.

#### VII. RECORDS

Each Party acknowledges and agrees that the other Party shall respectively administer records in its possession according to applicable laws, regulations, rules and policies.

#### VIII. OPEN COMMUNICATIONS

District and City shall maintain open communications between each Party's designated point of contact ["POC"] (listed in Section XI(A) below) to ensure the agreed upon performances are provided and maintained throughout the term of this IGA. Parties shall maintain open communication regarding needs arising out of the IGA.

#### IX. INSURANCE

Each Party acknowledges and affirms that it has appropriate and adequate insurance coverage for its official operations, duties and activities, and that it will maintain such coverage, at its own expense, for the duration of this IGA.

#### X. INDEMNIFICATION

To the maximum extent permitted by law, each Party (as "Indemnitor") agrees to indemnify, defend and hold harmless the other Party, its officers, officials, agents, employees, or volunteers from and against any and all claims, losses, liability, costs or expenses (including reasonable attorney's fees) (hereinafter collectively referred to as "Claims") arising out of actions taken in performance of this IGA to the extent that such Claims are caused by the acts, omissions, negligence, misconduct, or other fault of the Indemnitor, its officers, officials, agents, employees, or volunteers. If a Claim or Claims by third parties becomes subject to this section, the governmental parties to this IGA that are the subject of the Claim or Claims shall cooperate to the maximum extent possible.

#### XI. STANDARD TERMS

A. Notices. All notices to the other Party required under this IGA shall be in writing and sent to the following personnel:

If to District:      Superintendent  
                                 Chandler Unified School District  
                                 1525 West Frye Rd.  
                                 Chandler, AZ 85224  
                                 (480) 812-7600

If to City:           City Manager  
                          City of Chandler  
                          (480) 782-2210

With a copy to:    Chief of Police  
                          Chandler Police Department  
                          (480) 782-4101

B.       Modification. This IGA shall not be modified or extended, except by a signed written agreement executed by both Parties.

C.       Relationship of the Parties. Each Party shall act in its individual capacity and not as an agent, employee, partner, joint venture, associate, or any other representative capacity of the other party. This IGA shall not be construed to imply authority to perform any tasks, or accept any responsibility, not expressly set forth herein. This IGA shall be strictly construed against the creation of a duty or responsibility unless the intention to do so is clearly and unambiguously set forth herein.

D.       Governing Law. To the maximum extent possible, terms and conditions of this IGA shall be governed by and interpreted in accordance with the laws and regulations of the State of Arizona.

E.       Interparty Dispute Resolution. If a dispute between the Parties arises out of or relates to this IGA, and if the dispute cannot be settled through negotiation within 60 days, the Parties agree first to try in good faith to resolve the dispute by mediation before resorting to litigation. The Parties shall mutually agree upon a mediator. Each party agrees to bear its own costs of mediation, and to split the mediator fee. If mediation fails, any claim or action arising out of this IGA shall be brought in the Maricopa County Superior Court.

F.       Non-assignment. This IGA has been entered into based upon the personal reputation, expertise and qualifications of the Parties. Neither Party shall assign its interest in this IGA, in whole or in part, without the prior written consent of the other Party. Neither Party shall assign any monies due or to become due to it hereunder without the prior written consent of the other Party.

G.       Entire IGA. This IGA represents the entire agreement between the Parties and supersedes all prior negotiations, representations or agreements, either expressed or implied, written or oral. It is mutually understood and agreed that no alteration or variation of the terms and conditions of this IGA shall be valid unless made in writing and signed by the Parties.

H.       Severability. If any part, term or provision of this IGA shall be held illegal, unenforceable or in conflict with any law, the validity of the remaining portions and provisions hereof shall not be affected.

I.       Conflicts of Interest. The provisions of A.R.S. § 38-511 relating to cancellation of contracts due to conflicts of interest shall apply to this IGA.

J.       Other Duties Imposed by Law. Nothing in this IGA shall be construed as relieving the involved public agencies of any obligation or responsibility imposed on it by law.

K.       Compliance with Laws and Policies. The parties shall comply with all federal,

state and local laws, rules, regulations, standards and Executive Orders, without limitation to those designated within this IGA. Furthermore, the Parties agree to abide by each Party's policies to the extent appropriate and required or permitted by law.

L.        Workers' Compensation. To the extent applicable by law, each Party shall comply with the notice of A.R.S. § 23-1022(E). For purposes of A.R.S. § 23-1022, each Party shall be considered the primary employer of all personnel currently or hereafter employed by that Party, irrespective of the operations of protocol in place, and said Party shall have the sole responsibility for the payment of Worker's Compensation benefits or other fringe benefits of said employees.

M.        Non-Discrimination and Compliance with Civil Rights. To the extent applicable by law, the Parties agree to comply with A.R.S. Title 41, Chapter 9 (Civil Rights), Arizona Executive Order 2009-09 and any other federal or state laws relating to equal opportunity and nondiscrimination, including the Americans with Disabilities Act, including flow down of all provisions and requirements to any subcontractors. In the performance of this contract, neither party shall discriminate against any employee, client or any other individual in any way because of that person's age, race, creed, color, religion, sex, disability or national origin.

N.        E-Verify, Records and Audits. To the extent applicable under A.R.S. § 41-4401, the Parties and their respective subcontractors warrant compliance with all federal immigration laws and regulations that relate to their employees and compliance with the E-verify requirements under A.R.S. § 23-214(A). A Party's or subcontractor's breach of the above-mentioned warranty shall be deemed a material breach of the IGA and may result in the termination of the IGA by either party under the terms of this IGA. The Parties each retain the legal right to randomly inspect the papers and records of each other Party and each other Party's subcontractors who work under this IGA to ensure that the other party and its subcontractors are complying with the above-mentioned warranty. The Parties warrant to keep their respective papers and records open for random inspection during normal business hours by each other Party. The Parties and their respective subcontractors shall cooperate with each other Party's random inspections including granting the inspecting Party entry rights onto their respective properties to perform the random inspections and waiving their respective rights to keep such papers and records confidential.

O.        No Third-Party Beneficiaries. Nothing in this IGA is intended to create duties or obligations to or rights in third parties not Parties to this IGA or affect the legal liability of either Party to the IGA by imposing any standard of care with respect to the maintenance of public facilities different from the standard of care imposed by law.

P.        Headings. The section headings shall not be used in the construction or interpretation hereof as they have no substantive effect and are for convenience only.

Q.        Non-Appropriation. Notwithstanding any other provision in this IGA, this IGA may be terminated if for any reason either party does not appropriate sufficient monies for the purpose of maintaining this IGA. In the event of such cancellation, the canceling party shall have no further obligation other than for payment for services rendered prior to cancellation.

R.        Uncontrollable Events. No Party shall be considered to be in default of this IGA if failure of performance is due to an uncontrollable event. The term "uncontrollable event" means any cause beyond the control of the Party affected, including but not limited to flood,

earthquake, storm, fire, epidemic, war, riot, civil disturbance or disobedience, labor dispute, and action or non-action by or failure to obtain the necessary authorizations or approvals from any governmental agency or authority or the electorate, labor or material shortage, sabotage and restraint by court order or public authority, that by exercise of due diligence and foresight the Party reasonably could not have been expected to avoid and that by exercise of due diligence it will be unable to overcome. A Party that is rendered unable to fulfill any obligation by reason of an uncontrollable event shall exercise due diligence to remove such inability with all reasonable dispatch.

S. Counterparts. This IGA may be signed in counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

IN WITNESS WHEREOF, the parties hereto have caused this IGA to be executed by the following duly authorized representatives:

FOR DISTRICT

FOR CITY

cy Frank Narducci 4/6/23  
Frank Narducci, Superintendent Date

Kevin Harke, Mayor

Date

APPROVED AS TO FORM:

APPROVED AS TO FORM:

Kristen Machin  
District Legal Counsel

4/6/23

Date

City Attorney EPW

Date





**City Council Memorandum      Public Works & Utilities      Memo No. RE23-048**

**Date:** May 22, 2023  
**To:** Mayor and Council  
**Thru:** Joshua H. Wright, City Manager  
Andy Bass, Deputy City Manager  
John Knudson, Public Works and Utilities Director  
Kimberly Moon, Capital Projects Manager  
**From:** Erich Kuntze, Real Estate Administrator  
**Subject:** Resolution No. 5683 Authorizing the Acquisition of Real Property Rights  
Required for the Water Main Replacement Project WA2203, within Arrowhead  
Meadows, Tyson Manor, and Sunset Manor

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**Proposed Motion:**

Move Council pass and adopt Resolution No. 5683, authorizing the acquisition of real property rights required for the Water Main Replacement Project WA2203 within Arrowhead Meadows, Tyson Manor, and Sunset Manor neighborhoods, as shown on the attached map; authorizing the City's Real Estate Administrator to sign, on behalf of the City, the purchase agreements, authorizations to access property, and any other documents necessary to facilitate these acquisitions and access the properties; authorizing eminent domain proceedings as needed to acquire said real property and obtain immediate possession thereof; and authorizing relocation assistance as may be needed and required by law.

**Background:**

The City will replace water mains within the Arrowhead Meadows, Tyson Manor, and Sunset Manor neighborhoods, as shown on the attached map. This project will require reconfiguration and reconnection of water services for approximately 220 residential and 8 commercial properties. In order to accomplish this task, it will be necessary to obtain real property either in fee or by easements or access agreements, as needed, from the property owners who will benefit from this project.

Since these are established neighborhoods, it is possible relocation of some personal property or improvements may be required, which will be compensated

as required by law. It is not anticipated that any businesses, residential property owners, or tenants will be relocated. The real property rights to be acquired by fee or easement will be appraised as required and offers of compensation will be made pursuant to the appraised values. Values for access agreements will be negotiated on a case-by-case basis.

**Financial Implications:**

Funds have been set aside in the Project budget for property acquisition services.

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**Attachments**

Resolution No. 5683

Exhibit A - Location Map

## **RESOLUTION NO. 5683**

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF CHANDLER, ARIZONA, AUTHORIZING THE ACQUISITION OF REAL PROPERTY RIGHTS REQUIRED FOR THE WATER MAIN REPLACEMENT PROJECT WA2203, WITHIN ARROWHEAD MEADOWS, TYSON MANOR AND SUNSET MANOR, AS SHOWN ON THE ATTACHED MAP, AUTHORIZING THE CITY'S REAL ESTATE ADMINISTRATOR TO SIGN, ON BEHALF OF THE CITY, THE PURCHASE AGREEMENTS, AUTHORIZATIONS TO ACCESS PROPERTY, AND ANY OTHER DOCUMENTS NECESSARY TO FACILITATE THESE ACQUISITIONS AND ACCESS TO THE PROPERTIES; AUTHORIZING EMINENT DOMAIN PROCEEDINGS AS NEEDED TO ACQUIRE SAID REAL PROPERTY AND OBTAIN IMMEDIATE POSSESSION THEREOF; AND, RELOCATION ASSISTANCE AS MAY BE REQUIRED BY LAW.

WHEREAS, the replacement of the waterlines in Arrowhead Manor, Tyson Manor and Sunset Manor, Project WA2203, is intended to be a benefit to the public; and

WHEREAS, in order to allow the Project to proceed and be constructed in accordance with its schedule, and provide water service from the new water mains, the City of Chandler needs to acquire property rights in fee, by easement, or by access agreements from private property owners who will benefit from the Project; and

WHEREAS, the City is authorized by law to acquire, whether by purchase or dedication such real property rights as are needed for public purposes; and

WHEREAS, the acquisition of some of the real property rights for the Project may result in the relocation of personal property.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Chandler, Arizona, as follows:

Section 1. It is hereby determined that the acquisition of real property rights needed in fee or by easement for the construction of the Water Main Replacement Project within Arrowhead Meadows, Tyson Manor and Sunset Manor, WA2203 is for a public and necessary purpose, and is in the best interest of the property owners in those neighborhoods and the Citizens of the City of Chandler.

Section 2. The City is authorized and directed to purchase said real property rights in fee, by easement or by access agreements for an amount equal to the market value of the property right to be acquired as determined by appraisal, or as approved by the Public Works & Utilities Director at an amount not exceeding the appraisal by ten percent (10%) or up to \$50,000. Access Agreements may be acquired for a fair amount determined by negotiation. Written offers shall be in a form approved by the Chandler City Attorney and each purchase agreement entered into with a

property owner shall be approved as to form by the Chandler City Attorney prior to being deposited into escrow.

Section 3. Subject to Section 2 above, the City's Real Estate Administrator, any City real estate officer acting on the Administrator's behalf, or any retained right-of-way consultant acting at the direction of the Real Estate Administrator, is authorized to make written offers for said real property and, where accepted, to execute, deliver and deposit into escrow as required, the approved purchase agreements along with all other documents and instructions necessary to consummate the purchase of said real property. In the event that only an access agreement is required, said access agreement may be recorded as determined by Staff without using an escrow agent.

Section 4. Where any such written offer is not accepted within a reasonable period of time for negotiation, the Chandler City Attorney is authorized and directed to commence condemnation (eminent domain) proceedings to acquire, in the name of the City of Chandler, said real property, including any improvements thereon, and to secure immediate possession of such real property, for the public purpose of constructing the Water Main Replacement Project WA2203, and is further directed to do and to perform all acts necessary in furtherance of the acquisition of title to and immediate possession of said real property.

Section 5. The City is authorized to provide such relocation assistance, including benefits, as may be required by law. The City's Real Estate Administrator shall make the initial determination of any of any claim received for relocation benefits; any administrative appeal from such decision shall be considered and acted upon by and through the Real Estate Administrator or persons acting under the Administrator's direction or on the Administrator's behalf for such purpose, whose decision shall be final in accordance with applicable law.

PASSED AND ADOPTED by the City Council of the City of Chandler, Arizona, this \_\_\_\_\_ day of \_\_\_\_\_, 2023.

ATTEST:

\_\_\_\_\_  
CITY CLERK

\_\_\_\_\_  
MAYOR

CERTIFICATION

I HEREBY CERTIFY that the above and foregoing Resolution No. 5683 was duly passed and adopted by the City Council of the City of Chandler, Arizona, at a regular meeting held on the \_\_\_\_\_ day of \_\_\_\_\_, 2023, and that a quorum was present thereat.

\_\_\_\_\_  
CITY CLERK

APPROVED AS TO FORM:

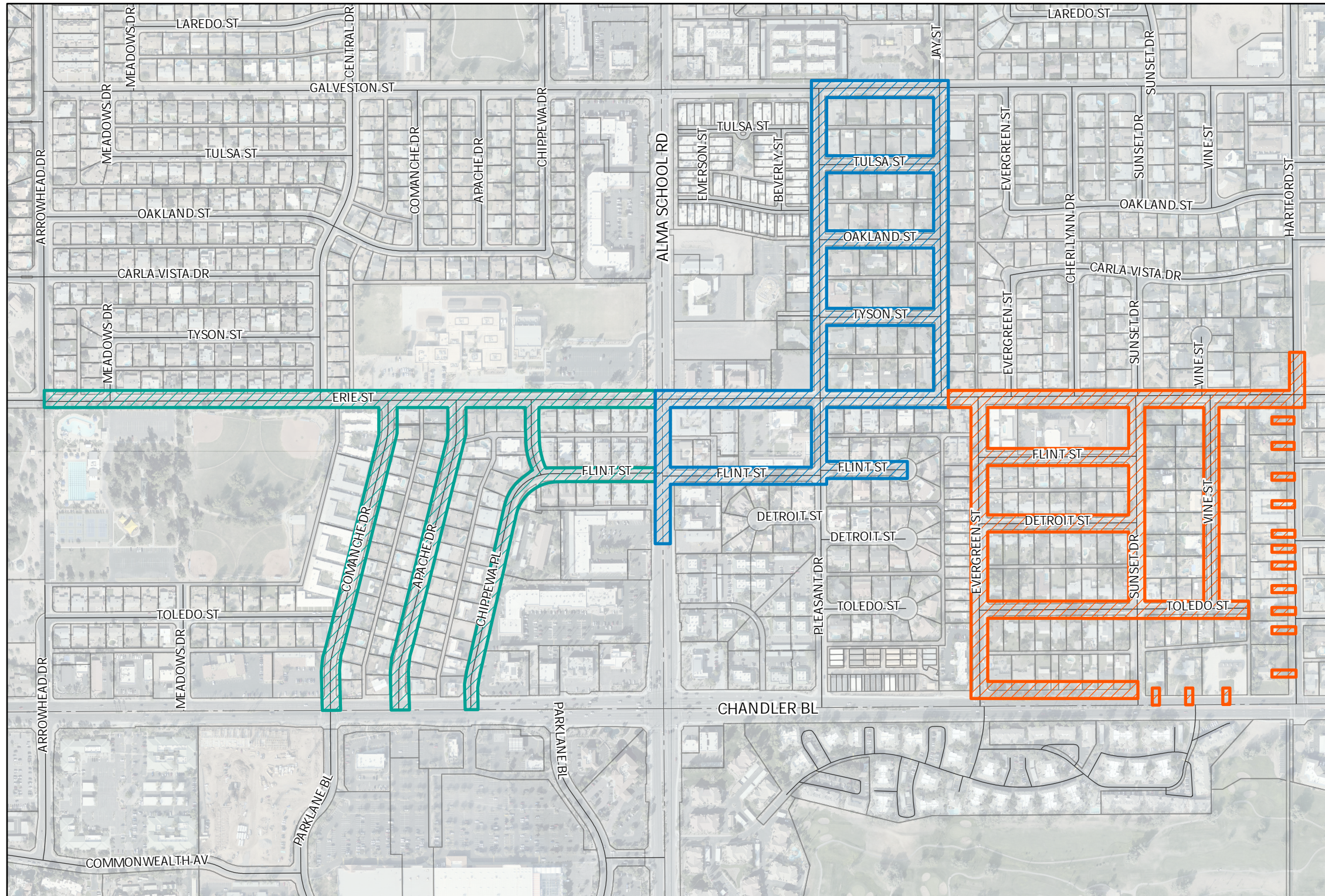
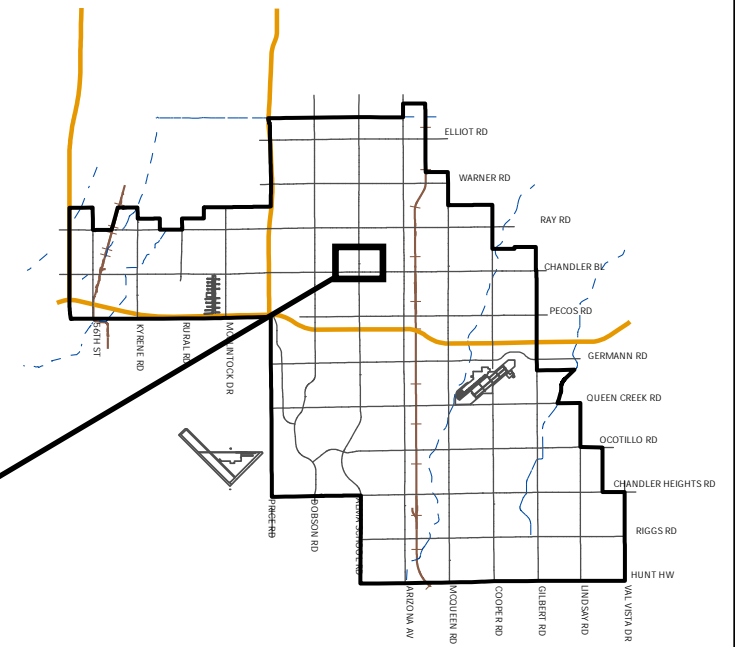
\_\_\_\_\_  
CITY ATTORNEY

DMG




EXHIBIT “A”



RESOLUTION NO. 5683 AUTHORIZING THE ACQUISITION OF REAL PROPERTY RIGHTS  
REQUIRED FOR THE WATER MAIN REPLACEMENT PROJECT WA2203,  
WITHIN ARROWHEAD MEADOWS, TYSON MANOR, AND SUNSET MANOR



WATER MAIN REPLACEMENT  
PROJECT NO. WA2203  
MEMO NO. RE23-048  
RESOLUTION NO. 5683

-  ARROWHEAD MEADOWS WATER MAIN REPLACEMENT
-  TYSON MANOR WATER MAIN REPLACEMENT
-  SUNSET MANOR WATER MAIN REPLACEMENT





**City Council Memorandum      Public Works & Utilities      Memo No. UA23-096**

**Date:** May 22, 2023  
**To:** Mayor and Council  
**Thru:** Joshua H. Wright, City Manager  
Andy Bass, Deputy City Manager  
John Knudson, Public Works and Utilities Director  
**From:** Lori McCallum, Utilities Regulatory Affairs Senior Program Manager  
**Subject:** Agreement No. PW9-962-4035, Amendment No. 4, with Eurofins Environment Testing Southwest, LLC; Legend Technical Services of Arizona, Inc.; and Radiation Safety Engineering, Inc., for Laboratory Testing Services

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**Proposed Motion:**

Move City Council approve Agreement No. PW9-962-4035, Amendment No. 4, with Eurofins Environment Testing Southwest, LLC; Legend Technical Services of Arizona, Inc.; and Radiation Safety Engineering, Inc., for laboratory testing services, in a combined amount not to exceed \$479,000, for the period of May 1, 2023, through April 30, 2024.

**Background/Discussion:**

The Environmental Protection Agency and the Arizona Department of Environmental Quality mandate tests for drinking water and wastewater. The City's Water Quality, Wastewater Quality, Environmental Management, Solid Waste Services, and Ocotillo Brine Reduction Facility divisions use the laboratory testing services to manage various testing requirements. The use of multiple laboratories provides assurance that tests will be completed promptly and at the lowest cost. Laboratory testing services used by the Ocotillo Brine Reduction Facility are paid for by Intel Corporation.

**Evaluation:**



On April 25, 2019, City Council approved Agreement No. PW9-962-4035, with Eurofins Environment Testing Southwest, LLC; Legend Technical Services of Arizona, Inc.; and Radiation Safety Engineering, Inc., for laboratory testing services, for a one-year period, with the option of up to four (4) additional one-year extensions. The contractors have agreed to extend for one year at the same terms and conditions. Staff recommends extension of this agreement for the term of May 1, 2023, through April 30, 2024. This is the fourth extension of the original agreement.

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### Fiscal Impact

Account No.	Fund Name	Program Name	Dollar Amount	CIP Funded Y/N
738.1266.5219.0.0	Uninsured Liab/Env Mgmt	Other Professional Services	\$50,000	N
615.3950.5219.0.0	Wastewater Oper/Wastewater Quality	Other Professional Services	\$94,000	N
605.3850.5219.0.0	Water Operating/Water Quality	Other Professional Services	\$280,000	N
616.3930.5219.0.0	Industrial Wastewater/Rev Osmosis	Other Professional Services	\$25,000	N
625.3700.5219.0.0	Solid Waste Oper/Solid Waste Svcs	Other Professional Services	\$30,000	N

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### Attachments

Amendment No. 4 - Eurofins

Amendment No. 4 - Legend

Amendment No. 4 - Radiation Safety



City Clerk Document No. \_\_\_\_\_

City Council Meeting Date: May 25, 2023

**AMENDMENT TO CITY OF CHANDLER AGREEMENT  
LABORATORY TESTING SERVICES  
CITY OF CHANDLER AGREEMENT NO. PW9-962-4035**

THIS AMENDMENT NO. 4 (Amendment No. 4) is made and entered into by and between the City of Chandler, an Arizona municipal corporation (City), and Eurofins Environment Testing Southwest, LLC, formerly known as Eurofins TestAmerica Laboratories, Inc. (Contractor), (City and Contractor may individually be referred to as Party and collectively referred to as Parties) and made \_\_\_\_\_, 2023 (Effective Date).

**RECITALS**

WHEREAS, City Council approved the award of multiple Agreements for laboratory testing services (Agreement); and

WHEREAS, the term of the Agreement was May 1, 2019, through April 30, 2020, with the option of up to four one-year extensions; and

WHEREAS, the City wishes to extend the term of the multiple Agreements for laboratory testing in an amount not to exceed \$479,000 for the extension term; and

WHEREAS, the Parties wish to exercise the fourth option through this Amendment No. 4 to extend the Agreement for one year.

**AGREEMENT**

NOW THEREFORE, the Parties agree as follows:

1. The recitals are accurate and are incorporated and made a part of the Agreement by this reference.
2. Section III, Period of Service is amended to read as follows: The term of the Agreement is extended for a one-year period May 1, 2023, through April 30, 2024
3. Section IV, Payment of Compensation and Fees is amended to read as follows: The City will pay the Contractor the per unit cost set forth in Revised Exhibit B of the original Agreement, attached to and made a part of this Amendment No. 4. Total payments made to the Contractor during the term of this Amendment No. 4 will not exceed \$479,000.

4. Exhibit C, changes to Scope of Work, attached to and made a part of this Amendment No. 4, become part of the agreement.
5. All other terms and conditions of the Agreement remain unchanged and in full force and effect. If a conflict or ambiguity arises between this Amendment No. 4 and the Agreement, the terms and conditions in this Amendment No. 4 prevail and control.

IN WITNESS WHEREOF, the Parties have entered into this Amendment on the Effective Date.

**FOR THE CITY**

By: \_\_\_\_\_

Its: Mayor

**FOR THE CONTRACTOR**

By: Michelle Jasper

Laboratory Director  
Its: \_\_\_\_\_

**APPROVED AS TO FORM:**

By: \_\_\_\_\_

City Attorney

*TMB*

**ATTEST:**

By: \_\_\_\_\_

City Clerk

**REVISED EXHIBIT B  
FEE SCHEDULE**

(If an analyte can be tested by more than one method, include in the price list separate line items showing the price and reporting limit. For example: Metals can be analyzed by 200.7, 200.8, and 200.9; Uranium can be analyzed by 200.8 and radiochemistry methods.)

<b>Item</b>	<b>Parameter</b>	<b>Routine Cost</b>	<b>EPA Method</b>	<b>Lab Doing Analysis</b>
<b>A.</b>	<b><u>DRINKING WATER</u></b>			
<b>1.</b>	<b>Microbiology</b>			
	Total coliform and E.Coli by Colilert	\$42.50	SM 9223B	Phoenix
	Total Coliform and E.Coli by Colisure	No Bid		
	Presence-Absence	\$42.50	SM 9223B	Phoenix
	Heterotrophic Plate Count	\$47	Idexx SlimPlate	Phoenix
	Escherichia Coli	\$42.50	SM 9223B	Phoenix
	Fecal coliform	\$42.50	SM 9222D	Phoenix
	Viruses	No Bid		
	Giardia and Cryptosporidium	No Bid		
<b>2.</b>	<b>Inorganic Chemical and Physical Characteristics</b>			
	Alkalinity	\$30	SM 2320B	Phoenix
	Asbestos	No Bid		
	Bromate	\$63	EPA 300.1	Calscience
	Bromide	\$25.50	EPA 300.0	Phoenix
	Chloride	\$25.50	EPA 300.0	Phoenix
	Chlorine	\$	Hach 8167	Phoenix
	Chlorine Dioxide	No Bid		
	Chlorite	\$63	EPA 300.1	Calscience
	Color	\$21	2120B	Phoenix
	Corrosivity	No Bid		
	Cyanide	\$42.50	SM 4500-CN C-E	Phoenix
	Cyanide, Amenable	\$55	SM 4500-CN G	Phoenix
	Fluoride	\$25.50	EPA 300.0	Phoenix
	Hardness	\$8.5	SM 2340B*	Phoenix
	Hexavalent Chromium	\$42.50	SM 3500CrB	Phoenix
	MethyleneBlueActiveSubstances	\$63	SM 5540C	Calscience
	Nitrate	\$25.50	EPA 300.0	Phoenix
	Nitrite	\$25.50	EPA 300.0	Phoenix
	Ortho-Phosphate	\$25.50	EPA 300.0	Phoenix
	Ozone	No Bid		
	Perchlorate	\$76.50	EPA 314.0	Phoenix
	pH	\$17	SM 4500H B	Phoenix
	TDS	\$25.50	SM 2540C	Phoenix
	Specific Conductance	\$21	SM 2510B	Phoenix
	Sulfate	\$25.50	EPA 300.0	Phoenix

Item	Parameter	Routine Cost	EPA Method	Lab Doing Analysis
	Turbidity	\$21	EPA 180.1	Phoenix
	UV254	No Bid		
<b>3.</b>	<b>Metals</b>			
	Metals (ICP) (price per metal)	\$17	EPA 200.7	Phoenix
	Metals (ICP-MS) (price per metal)	\$25.50	EPA 200.8	Phoenix
	Mercury	\$42.50	EPA 245.1	Phoenix
<b>4.</b>	<b>Organic Chemicals</b>			
	Total Trihalomethanes	\$106	524.2	Phoenix
	Volatile Organics	\$106	524.2	Phoenix
	Semivolatile Organics	\$225	525	South Bend
	Pesticides and PCBs	\$97.50	505	South Bend
	EDB/ DBCP	\$82.50	504	South Bend
	Carbamates	\$112.50	531	South Bend
	Dioxins only	\$337.50	1613**	Sacramento
	Glyphosate	\$112.50	547	South Bend
	Endothall	\$112.50	548	South Bend
	Diquat and Paraquat	\$135.00	549	South Bend
	HAAs	\$127.50	552	South Bend
	Chlorinated Acids	\$127.50	515	South Bend
<b>5.</b>	<b>Radiochemistry</b>			
	Gross Alpha	\$73.50	EPA 900.0	Radiation Safety
	Gross Beta	\$73.50	EPA 900.0	Radiation Safety
	Radium 226	\$124.50	EPA 903.0	Radiation Safety
	Radium 228	\$174.00	EPA 904	Radiation Safety
	Total Radium	\$270.00	EPA 903.0 / 904	Radiation Safety
	Cesium	No Bid		
	Iodine	No Bid		
	Strontium	\$255.00	SR 04	Radiation Safety
	Tritium	\$115.50	EPA 906	Radiation Safety
	Uranium	\$217.50	ASTM 6239	Radiation Safety
	Gamma Emitting Isotopes	\$277.50	EPA 901.1	Radiation Safety
<b>6.</b>	<b>Biological</b>			
	Microscopic Particulate Analysis	No Bid		
<b>7.</b>	<b>Other Drinking Water Methods</b>			
	Ion Chromatography (Fluoride, Chloride, Nitrate, Nitrite, O-Phosphate, Sulfate) (Per ion price and group price)	\$25.50 per anion \$85 per group	EPA 300.0	Phoenix
	Radon 222	No Bid		

<b>B.</b>	<b><u>WASTEWATER</u></b>			
<b>1.</b>	<b>Microbiology</b>			
	Fecal coliform			
	Multiple Tube Fermentation	\$187	SM 9221E*****	Phoenix
	-Multi well	\$47		Phoenix
	Total Coliform			
	Multi Tube Fermentation	\$187	SM 9221B*****	Phoenix

Item	Parameter	Routine Cost	EPA Method	Lab Doing Analysis
	- Multi Well	\$47		Phoenix
	Fecal Streptococcus	No Bid		
	Multi Tube Fermentation	No Bid		
	- Multi Well	No Bid		
	Viruses	No Bid		
	Giardia and Cryptosporidium	No Bid		
	Ascaris lumbricoides	No Bid		
	Common tapeworm	No Bid		
	Entamoeba histolytica	No Bid		
<b>2.</b>	<b>Inorganic Chemicals, Nutrients and Demand</b>			
	Acidity	\$28	SM 2310B	Calscience
	Alkalinity	\$30	SM 2320B	Phoenix
	Ammonia	\$38	SM 4500-NH3 D	Phoenix
	BOD	\$47	SM 5210B	Phoenix
	Bromide	\$25.50	EPA 300.0	Phoenix
	COD	\$34	SM 5220	Phoenix
	Chloride	\$25.50	EPA 300.0	Phoenix
	Chlorine	No Bid		
	Chromium Hexavalent	\$42.50	SM 3500CR-D	Phoenix
	Color	\$21	2120B	Phoenix
	Cyanide (amenable)	\$55	SM 4500-CN G	Phoenix
	Cyanide (available)	No Bid		
	Cyanide (total)	\$42.50	SM 4500-CN C-E	Phoenix
	Fluoride	\$25.50	EPA 300.0	Phoenix
	Hardness	\$8.5	SM 2340B *	Phoenix
	TKN	\$42.50	EPA 351.2	Phoenix
	MBAS	\$63	SM 5540C	Calscience
	Nitrate	\$25.50	EPA 300.0	Phoenix
	Nitrite	\$25.50	EPA 300.0	Phoenix
	Oil and Grease	\$64	EPA 1664 (HEM only)	Phoenix
	TOC	\$42.50	SM 5310B	Phoenix
	Ortho-Phosphate	\$25.50	EPA 300.0	Phoenix
	Oxygen, dissolved	\$21	SM4500 _O _G	Phoenix
	pH	\$17	SM 4500H B	Phoenix
	Phenols	\$42	EPA 420.1	Calscience
	Phosphorus (total)	\$38	SM 4500-P B,E	Phoenix
	Residue (total)	\$25.50	SM 2540B	Phoenix
	TDS	\$25.50	SM 2540C	Phoenix
	TSS	\$25.50	SM 2540D	Phoenix
	Settleable Solids	\$21	SM 2540F	Phoenix
	Residue, Volatile (total)	\$34	EPA 160.4	Phoenix
	Silica	\$17	EPA 200.7	Phoenix
	Sodium Azide	No Bid		
	Specific Conductance	\$21	SM 2510B	Phoenix
	Sulfate	\$25.50	EPA 300.0	Phoenix
	Dissolved Sulfide	\$34	SM 4500-52 D	Phoenix

Item	Parameter	Routine Cost	EPA Method	Lab Doing Analysis
	Dissolved Sulfite	No Bid		
	Sulfite	No Bid		
	Turbidity	\$21	EPA 180.1	Phoenix
<b>3.</b>	<b>Metals</b>			
	Metals (ICP) (price per metal)	\$17	EPA 200.7	Phoenix
	Metals (ICP-MS) (price per metal)	\$25.50	EPA 200.8	Phoenix
	Mercury	\$42.50	EPA 245.1	Phoenix
<b>4.</b>	<b>Bioassay</b>			
	Toxicity	No Bid		
<b>5.</b>	<b>Organic Chemical</b>			
	Volatile organics GC/MS (624) (Per group price)	\$85	EPA 624	Phoenix
	Volatile organics GC/MS (8260) (Per group price)	\$85	8260B	Phoenix
	Acrolein, Acrylonitrile and 2 CEVE	\$85	EPA 624	Denver
	Semivolatile (8270)	\$153	8270C	Phoenix
	Phenols	\$153	EPA 625	Phoenix
	Benzidines	\$153	EPA 625	Phoenix
	Phthalate Esters	\$153	EPA 625	Phoenix
	Nitrosamines	\$153	EPA 625	Phoenix
	Organochlorine Pesticides and PCBs (608)	\$170	EPA 608	Phoenix
	Nitroaromatics and Isophorone	No Bid		
	PAH	\$119	8270C SIM	Phoenix
	Haloethers	No Bid		
	Chlorinated Hydrocarbons	\$153	EPA 625	Phoenix
	2,3,7,8,TCDD (Dioxin)	\$487.50	EPA 1613B	Sacramento
	625 Dioxin Screen	\$153	EPA 625	Phoenix
	Tetra through Octa Chlorinated Dioxins and Furans	\$630.00	EPA 1613B	Sacramento
	Triazine Pesticides	No Bid		
	Base/Neutral and Acids (625 or 1625)	\$153	EPA 625	Phoenix
	Carbamates and Urea Pesticides	No Bid		
	TPH	\$119	EPA 1664	Phoenix
	Organophosphorus Pesticides	No Bid		
<b>6.</b>	<b>Radio Chemistry</b>			
	Gross Alpha	\$73.50	EPA 900.0	Radiation Safety
	Gross Beta	\$73.50	EPA 900.0	Radiation Safety
	Total Radium	\$270.00	EPA 903.0	Radiation Safety
	Radium 226	\$124.50	EPA 903.0 ***	Radiation Safety
<b>7.</b>	<b>Other Wastewater Tests</b>			
	Ion Chromatography (Fluoride, Chloride, Nitrate, Nitrite, O-Phosphate, Sulfate)	\$25.50 per anion \$85 per group	EPA 300.0	Phoenix



	1657	No Bid		
	PCB's only	\$64	EPA608	Phoenix
	TMAH/TMACI	No Bid		

Item	Parameter	Routine Cost	EPA Method	Lab Doing Analysis
<b>C.</b>	<b>HAZARDOUS WASTE</b>			
<b>1.</b>	<b>Microbiology</b>			
	Total Coliforms			
	Multiple Tube Fermentation	\$187	SM 9221 B & C Mod	Phoenix
	Multi Well	No Bid		Phoenix
<b>2.</b>	<b>Hazardous Waste Characteristics</b>			
	Corrosivity	No Bid		
	PH determination	\$21	9040C / 9045D	Phoenix
	Ignitability	\$64	1030	Phoenix
	Reactivity (as Total Cyanide and Sulfide)	\$70 / \$66	EPA 9014 / EPA 9034	Calscience / Calscience
<b>3.</b>	<b>Sample Extraction Procedures</b>			
	TCLP 1311	\$64	1311	Phoenix
	1311 ZHE	\$76.50	1311	Phoenix
	SPLP 1312	\$64	1312	Phoenix
	SPLP ZHE	\$76.50	1312	Phoenix
	Specific conductance	\$21	9050A	Phoenix
<b>4.</b>	<b>Sample Prep for Metals</b>			
<b>5.</b>	<b>Inorganic Chemical</b>			
	Metals (ICP)	\$17	6010C	Phoenix
	Metals (ICP-MS)	\$25.50	6020B	Phoenix
	Chromium Hexavalent	\$42.50	7196A	Phoenix
	Mercury	\$42.50	7470 / 7471A	Phoenix
<b>6.</b>	<b>Sample Extraction Preparation and</b>			
<b>7.</b>	<b>Sample Cleanup</b>			
<b>8.</b>	<b>Organic Chemicals (includes extraction)</b>			
	EDB and DBCP	\$42	8011	Denver
	Nonhalogenated Volatile Organics	\$115	8015D****	Phoenix
	Volatile Organics	\$85	8260B	Phoenix
	Organochlorine Pesticides	\$106	8081	Phoenix
	PCB's	\$64	8082	Phoenix
	PCB's in oil	\$64	8082	Phoenix
	PAH	\$119	8270C SIM	Phoenix
	Semivolatile	\$153	8270C	Phoenix
<b>9.</b>	<b>Miscellaneous</b>			
	Cyanide	\$42.50	9014	Phoenix
	Sulfate	\$25.50	9056	Phoenix
	pH	\$21	9040C / 9045D	Phoenix
	Specific Conductance	\$17	9050A	Phoenix
	Oil and Grease	\$84	9071B	Calscience
	Nitrate	\$25.50	9056	Phoenix
	Nitrite	\$25.50	9056	Phoenix

Item	Parameter	Routine Cost	EPA Method	Lab Doing Analysis
	Chloride	\$25.50	9056	Phoenix
	Bromide	\$25.50	9056	Phoenix
	Fluoride	\$25.50	9056	Phoenix
	Paint filter	\$17	9095B	Phoenix
	Ortho Phosphate	\$25.50	9056	Phoenix
<b>10.</b>	<b>Asbestos</b>			
	Fiber Counting	No Bid		
	Bulk Asbestos	No Bid		
<b>11.</b>	<b>Radiochemical</b>			
<b>12.</b>	<b>Other</b>			
	Ion Chromatography (Chloride, Nitrate, Nitrite, o-Phosphate, Sulfate)	\$25.50 per anion \$85 for group	9056	Phoenix

<b>D.</b>	<b><u>AIR AND STACK PARAMETERS</u></b>			
	Volatiles (includes TCE, PCE, 1,1-DCE, 1,1,1-TCA and Chloroform)	No Bid		

<b>E.</b>	<b><u>MISCELLANEOUS</u></b>			
	Algae Identification	No Bid		
	Flash Point	\$64	1010	Phoenix
	MIB/Geosmin	No Bid		
	NDMA	\$153	8270C	Phoenix
	Endocrine disruptors	No Bid		
	Other, please list below			

Each sample is subject to \$2.50 Safe and Environmentally Responsible Waste Management Fee

Surcharge for Priority Plus Analysis (<24 hours) 200% for standard business days; weekends and holidays  
negotiable on case by case basis.

Surcharge for Priority Analysis (24 hours) 100%

Surcharge for Priority Analysis (48 hours) 75%

Surcharge for Priority Analysis (72 hours) 60%

Surcharge for Priority Analysis (72 hours - 5 day) 30%

Surcharge for Priority Analysis (5 day - 7 day) 0% for 6-7 day (not applicable for Sacramento, Radiation Safety, Denver, Calscience, South Bend or Corpus Christi run analyses, unless otherwise noted)

Discount off list price for services not referenced on price sheets 15%

\*Pricing is for Hardness calculation only

\*\*Pricing is for 2,3,7,8-TCDD only

\*\*\*Arizona does not certify for Radium 226 in Wastewater

\*\*\*\*\*Pricing for GRO/DRO/ORO

\*\*\*\*\*Analyses are available by Quanti-Tray in place of multiple tube fermentation

Hardcopy Reports - \$25 for Level I/II; \$50 for Level III/IV

### **EXHIBIT C**

The following changes to the scope of work of the original agreement become part of this agreement.

#### Transportation-

Contractor shall provide for delivery of sample sets and pickup of field samples to and from the City. Contractor shall pick up field samples as needed but generally between 10:00am- 3:00pm, Monday through Friday. Contractor shall provide all necessary shipping containers.

#### Written Reporting of Analysis Results-

- The following paragraph is removed from the agreement.
  - “Contractor shall submit typewritten final reports for air sample results to the city contract administrator or their designee within five (5) calendar days of Contractors receipt of each sample”.
- 15 working days for all including subcontract labs within Eurofins entities and 20 working days if it is subcontracted to any other, outside of Eurofins entities.
- City reserves the right to enforce penalties for late sample results. A two percent (2%) penalty for the first working day and a 1 percent (1%) penalty each working day thereafter up to a maximum of 50% per report will be charged to Contractor for each working day that delivery of the written report(s) and/or electronic data exceed the above specified delivery times, provided that City has informed Contractor of the sample delivery schedule in advance, Contractor has specifically committed after such notice to the turnaround time for delivery, and samples arrived within 2 days of the schedule, without significant differences in the sample volume or analysis parameters from the advance notice. Contractor shall be liable for penalties for all late analyses, including subcontracted analyses. Fines or penalties levied against City by the State or Federal government due to late submittal of analysis results due to Contractor exceeding the above specified delivery times, shall be paid by Contractor.



City Clerk Document No. \_\_\_\_\_

City Council Meeting Date: May 25, 2023

**AMENDMENT TO CITY OF CHANDLER AGREEMENT  
LABORATORY TESTING SERVICES  
CITY OF CHANDLER AGREEMENT NO. PW9-962-4035**

THIS AMENDMENT NO. 4 (Amendment No. 4) is made and entered into by and between the City of Chandler, an Arizona municipal corporation (City), and Legend Technical Services of Arizona, Inc., (Contractor), (City and Contractor may individually be referred to as Party and collectively referred to as Parties) and made \_\_\_\_\_, 2023 (Effective Date).

**RECITALS**

WHEREAS, City Council approved the award of multiple Agreements for laboratory testing services (Agreement); and

WHEREAS, the term of the Agreement was May 1, 2019, through April 30, 2020, with the option of up to four one-year extensions; and

WHEREAS, the City wishes to extend the term of the multiple Agreements for laboratory testing in an amount not to exceed \$479,000 for the extension term; and

WHEREAS, the Parties wish to exercise the fourth option through this Amendment No. 4 to extend the Agreement for one year.

**AGREEMENT**

NOW THEREFORE, the Parties agree as follows:

1. The recitals are accurate and are incorporated and made a part of the Agreement by this reference.
2. Section III, Period of Service is amended to read as follows: The term of the Agreement is extended for a one-year period May 1, 2023, through April 30, 2024
3. Section IV, Payment of Compensation and Fees is amended to read as follows: The City will pay the Contractor the per unit cost set forth in Exhibit B of the original Agreement, which is incorporated into and made a part of this Amendment No. 4 by this reference. Total payments made to the Contractor during the term of this Amendment No. 4 will not exceed \$479,000.

4. All other terms and conditions of the Agreement remain unchanged and in full force and effect. If a conflict or ambiguity arises between this Amendment No. 4 and the Agreement, the terms and conditions in this Amendment No. 4 prevail and control.

IN WITNESS WHEREOF, the Parties have entered into this Amendment on the Effective Date.

**FOR THE CITY**

By: \_\_\_\_\_

Its: Mayor

**FOR THE CONTRACTOR**

By: Marci Payne

Sales & Marketing Manager

Its: \_\_\_\_\_

**APPROVED AS TO FORM:**

By: \_\_\_\_\_

City Attorney

*JNB*

**ATTEST:**

By: \_\_\_\_\_

City Clerk



City Clerk Document No. \_\_\_\_\_

City Council Meeting Date: May 25, 2023

**AMENDMENT TO CITY OF CHANDLER AGREEMENT  
LABORATORY TESTING SERVICES  
CITY OF CHANDLER AGREEMENT NO. PW9-962-4035**

THIS AMENDMENT NO. 4 (Amendment No. 4) is made and entered into by and between the City of Chandler, an Arizona municipal corporation (City), and Radiation Safety Engineering, Inc., (Contractor), (City and Contractor may individually be referred to as Party and collectively referred to as Parties) and made \_\_\_\_\_, 2023 (Effective Date).

**RECITALS**

WHEREAS, City Council approved the award of multiple Agreements for laboratory testing services (Agreement); and

WHEREAS, the term of the Agreement was May 1, 2019, through April 30, 2020, with the option of up to four one-year extensions; and

WHEREAS, the City wishes to extend the term of the multiple Agreements for laboratory testing in an amount not to exceed \$479,000 for the extension term; and

WHEREAS, the Parties wish to exercise the fourth option through this Amendment No. 4 to extend the Agreement for one year.

**AGREEMENT**

NOW THEREFORE, the Parties agree as follows:

1. The recitals are accurate and are incorporated and made a part of the Agreement by this reference.
2. Section III, Period of Service is amended to read as follows: The term of the Agreement is extended for a one-year period May 1, 2023, through April 30, 2024
3. Section IV, Payment of Compensation and Fees is amended to read as follows: The City will pay the Contractor the per unit cost set forth in Revised Exhibit B of the original Agreement, attached to and made a part of this Amendment No. 4. Total payments made to the Contractor during the term of this Amendment No. 4 will not exceed \$479,000.

4. All other terms and conditions of the Agreement remain unchanged and in full force and effect. If a conflict or ambiguity arises between this Amendment No. 4 and the Agreement, the terms and conditions in this Amendment No. 4 prevail and control.

IN WITNESS WHEREOF, the Parties have entered into this Amendment on the Effective Date.

**FOR THE CITY**

By: \_\_\_\_\_

Its: Mayor

**FOR THE CONTRACTOR**

By: Marilyn Metzger

Vice President

Its: \_\_\_\_\_

**APPROVED AS TO FORM:**

By: \_\_\_\_\_

City Attorney

*JMB*

**ATTEST:**

By: \_\_\_\_\_

City Clerk



**REVISED SECTION B  
PRICE SCHEDULE**

<b>5.</b> Radiochemistry				
	Gross Alpha	\$49.00	900	RSE, INC.
	Gross Beta	\$49.00	900	RSE, INC.
	Radium 226	\$83.00	903.1	RSE, INC.
	Radium 228	\$116.00	904	RSE, INC.
	Total Radium	\$180.00	903.1/904	RSE, INC.
	Cesium	\$140.00	901.1	RSE, INC.
	Iodine	\$140.00	901.1	RSE, INC.
	Strontium	\$170.00	00-04	RSE, INC.
	Tritium	\$77.00	906	RSE, INC.
	Uranium	\$145.00	ASTM 6239	RSE, INC.
	Gamma Emitting Isotopes	\$185.00	901.1	RSE, INC.

<b>11.</b> Radiochemical				
	Gross Alpha and Beta	\$83.00	900	RSE, INC.
	RA 226/228	\$180 per sample	903.1	RSE, INC.
	Radium-228	\$116.00	904	RSE, INC.

**City Council Memorandum      Public Works & Utilities      Memo No. UA23-095**

**Date:** May 22, 2023  
**To:** Mayor and Council  
**Thru:** Joshua H. Wright, City Manager  
Andy Bass, Deputy City Manager  
John Knudson, Public Works and Utilities Director  
**From:** Cristabel Dykstra, Utilities Administrative Support Manager  
**Subject:** Agreement No. PW3-918-4551, with Arcadis U.S., Inc., for Advanced Metering Infrastructure Consultant Services

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**Proposed Motion:**

Move City Council approve Agreement No. PW3-918-4551, with Arcadis U.S., Inc., for Advanced Metering Infrastructure (AMI) Consultant Services, in an amount not to exceed \$662,065.

**Background/Discussion:**

The City currently collects approximately 87,000 monthly water meter reads visually or using drive-by reading technology through automatic meter reading (AMR). This information is gathered by the Utilities Metering Services Division and provided to the Utility Services Division which produces and distributes monthly bills to the City's utility customers. For many years, the City has been upgrading its water meters in preparation for fully automating meter reading capability. The improvements necessary for this include an antenna collector system and integration with utility billing and meter reading software programs. The metering, collector systems and software are collectively referred to as Advanced Metering Infrastructure, or AMI.

AMI will be used to collect water use data for billing and provide access to customers to view their daily water consumption data via a customer portal. When completed, the AMI metering system will aid in more accurate billing, quicker notifications of failed or problematic meters, as well as water conservation by providing customers with daily water use data and potential leak notifications.

The project scope of work consists of project management support and technical advisory services, including needs assessment and financial analysis. Arcadis will also provide oversight, testing and quality control of the equipment installation and advisory services on the customer portal and assist in the development of Standard Operating Procedures for the new system. The project duration is expected to take 24 months following Notice to Proceed.

### **Evaluation:**

On October 24, 2022, City staff issued Request for Proposal No. PW3-918-4551 for AMI consultant services. Notification was sent to all registered vendors. Five proposals were received from the following offerors:

1. Arcadis U.S., Inc.
2. Black & Veatch Management Consulting, LLC
3. E Source Companies, LLC
4. MeterSYS, LLC
5. The Shpigler Group

The Evaluation Committee evaluated the proposals and recommends award to Arcadis U.S., Inc., which submitted the most advantageous offer to the City in accordance with the evaluation criteria.

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### **Fiscal Impact**

<b>Account No.</b>	<b>Fund Name</b>	<b>Program Name</b>	<b>Dollar Amount</b>	<b>CIP Funded Y/N</b>
605.3820.6210.0000.6WA677	Water Operating	Automatic Meter Infrastructure	\$662,065	Y

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### **Attachments**

Agreement - Arcadis U.S., Inc.



City Clerk Document No. \_\_\_\_\_

City Council Meeting Date: May 25, 2023

**CITY OF CHANDLER SERVICES AGREEMENT  
ADVANCED METERING INFRASTRUCTURE (AMI) CONSULTANT SERVICES  
CITY OF CHANDLER AGREEMENT NO. PW3-918-4551**

THIS AGREEMENT (Agreement) is made and entered into by and between the City of Chandler, an Arizona municipal corporation (City), and Arcadis U.S., Inc., a Delaware corporation (Contractor), (City and Contractor may individually be referred to as Party and collectively referred to as Parties) and made \_\_\_\_\_, 2023 (Effective Date).

**RECITALS**

A. City proposes to enter an agreement for advanced metering infrastructure consultant services as more fully described in Exhibit A, which is attached to and made a part of this Agreement by this reference.

B. 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.

C. City desires to contract with the Contractor to provide these services under the terms and conditions set forth in this Agreement.

**AGREEMENT**

**NOW, THEREFORE**, in consideration of the premises and the mutual promises contained in this Agreement, City and Contractor agree as follows:

**SECTION I: DEFINITIONS**

For purposes of this Agreement, the following definitions apply:

**Agreement** means the legal agreement executed between the City and the Contractor

**City** means the City of Chandler, Arizona

**Contractor** means the individual, partnership, or corporation named in the Agreement

**Days** means calendar days

**May, Should** means something that is not mandatory but permissible

**Shall, Will, Must** means a mandatory requirement

**SECTION II: CONTRACTOR'S SERVICES**

Contractor must perform the services described in Exhibit A to the City's satisfaction within the terms and conditions of this Agreement and within the care and skill that a person who provides

similar services in Chandler, Arizona exercises under similar conditions. All work or services furnished by Contractor under this Agreement must be performed in a skilled and workmanlike manner. Unless authorized by the City in writing, all fixtures, furnishings, and equipment furnished by Contractor as part of the work or services under this Agreement must be new, or the latest model, and of the most suitable grade and quality for the intended purpose of the work or service.

### **SECTION III: PERIOD OF SERVICE**

Contractor must perform the services described in Exhibit A for the term of this Agreement.

Following execution of this Agreement by City, the Contractor will immediately commence work and will complete all services described within 24 months from the date the Contractor is notified to proceed.

### **SECTION IV: PAYMENT OF COMPENSATION AND FEES**

4.1 Unless amended in writing by the Parties, Contractor's compensation and fees as more fully described in Exhibit B for performance of the services approved and accepted by the City under this Agreement must not exceed \$662,065. This not to exceed value does not include optional services. Contractor must submit requests for payment for services approved and accepted during the previous billing period and must include, as applicable, detailed invoices and receipts, a narrative description of the tasks accomplished during the billing period, a list of any deliverables submitted, and any subcontractor's or supplier's actual requests for payment plus similar narrative and listing of their work. Payment for those services negotiated as a lump sum will be made in accordance with the percentage of the work completed during the preceding billing period. Services negotiated as a not-to-exceed fee will be paid in accordance with the work completed on the service during the preceding month. All requests for payment must be submitted to the City for review and approval. The City will make payment for approved and accepted services within 30 days of the City's receipt of the request for payment.

4.2 Applicable Taxes. The Contractor will pay all applicable taxes. The City is subject to all applicable state and local transaction privilege taxes. To the extent any state and local transaction privilege taxes apply to sales made under the terms of this Agreement, it is the responsibility of the Contractor to collect and remit all applicable taxes to the proper taxing jurisdiction of authority.

4.3 Tax Indemnification. The Contractor and all subcontractors will pay all Federal, state, and local taxes applicable to its operation and any persons employed by the Contractor. The Contractor will and require all subcontractors to hold the City harmless from any responsibility for taxes, damages, and interest, if applicable, contributions required under Federal, state, and local laws and regulations and any other costs including transaction privilege taxes, unemployment compensation insurance, Social Security, and Worker's Compensation.

4.4 All prices offered herein shall be firm against any increase for the initial term of the Agreement. Prior to commencement of subsequent renewal terms, the City may approve a fully documented request for a price adjustment. The City shall determine whether any requested price increases for extension terms is acceptable to the City. If the City approves the price increase, the price shall remain firm for the renewal term for which it was requested. If a price increase is agreed upon by the Parties a written Agreement Amendment shall be approved and executed by the Parties.

## **SECTION V: GENERAL CONDITIONS**

5.1 Records/Audit. Records of the Contractor's direct personnel payroll, reimbursable expenses pertaining to this Agreement and records of accounts between the City and Contractor must be kept on the basis of generally accepted accounting principles and must be made available to the City and its auditors for up to three years following the City's final acceptance of the services under this Agreement. The City, its authorized representative, or any federal agency, reserves the right to audit Contractor's records to verify the accuracy and appropriateness of all cost and pricing data, including data used to negotiate this Agreement and any amendments. The City reserves the right to decrease the total amount of Agreement price or payments made under this Agreement or request reimbursement from the Contractor following final contract payment on this Agreement if, upon audit of the Contractor's records, the audit discloses the Contractor has provided false, misleading, or inaccurate cost and pricing data. The Contractor will include a similar provision in all of its contracts with subcontractors providing services under the Agreement Documents to ensure that the City, its authorized representative, or the appropriate federal agency, has access to the subcontractors' records to verify the accuracy of all cost and pricing data. The City reserves the right to decrease Contract price or payments made on this Agreement or request reimbursement from the Contractor following final payment on this Agreement if the above provision is not included in subcontractor agreements, and one or more subcontractors refuse to allow the City to audit their records to verify the accuracy and appropriateness of all cost and pricing data. If, following an audit of this Agreement, the audit discloses the Contractor has provided false, misleading, or inaccurate cost and pricing data, and the cost discrepancies exceed 1% of the total Agreement billings, the Contractor will be liable for reimbursement of the reasonable, actual cost of the audit.

5.2 Alteration in Character of Work. Whenever an alteration in the character of work results in a substantial change in this Agreement, thereby materially increasing or decreasing the scope of services, cost of performance, or Project schedule, the work will be performed as directed by the City. However, before any modified work is started, a written amendment must be approved and executed by the City and the Contractor. Such amendment must not be effective until approved by the City. Additions to, modifications, or deletions from this Agreement as provided herein may be made, and the compensation to be paid to the Contractor may accordingly be adjusted by mutual agreement of the Parties. It is distinctly understood and agreed that no claim for extra work done or materials furnished by the Contractor will be allowed by the City except as provided herein, nor must the Contractor do any work or furnish any materials not covered by this Agreement unless such work is first authorized in writing. Any such work or materials furnished by the Contractor without prior written authorization will be at Contractor's own risk, cost, and expense, and Contractor hereby agrees that without written authorization Contractor will make no claim for compensation for such work or materials furnished.

5.3 Termination for Convenience. The City and the Contractor hereby agree to the full performance of the covenants contained herein, except that the City reserves the right, at its discretion and without cause, to terminate or abandon any service provided for in this Agreement, or abandon any portion of the Project for which services have been performed by the Contractor. In the event the City abandons or suspends the services, or any part of the services as provided in this Agreement, the City will notify the Contractor in writing and immediately after receiving such notice, the Contractor must discontinue advancing the work specified under this Agreement. Upon such termination, abandonment, or suspension, the

Contractor must deliver to the City all drawings, plans, specifications, special provisions, estimates and other work entirely or partially completed, together with all unused materials supplied by the City. The Contractor must appraise the work Contractor has completed and submit Contractor's appraisal to the City for evaluation. The City may inspect the Contractor's work to appraise the work completed. The Contractor will receive compensation in full for services performed to the date of such termination. The fee shall be paid in accordance with Section IV of this Agreement, and as mutually agreed upon by the Contractor and the City. If there is no mutual agreement on payment, the final determination will be made in accordance with the Disputes provision in this Agreement. However, in no event may the payment exceed the payment set forth in this Agreement nor as amended in accordance with Alteration in Character of Work. The City will make the final payment within 60 days after the Contractor has delivered the last of the partially completed items and the Parties agree on the final payment. If the City is found to have improperly terminated the Agreement for cause or default, the termination will be converted to a termination for convenience in accordance with the provisions of this Agreement.

5.4 Termination for Cause. The City may terminate this Agreement for Cause upon the occurrence of any one or more of the following events: in the event that (a) the Contractor fails to perform pursuant to the terms of this Agreement, (b) the Contractor is adjudged a bankrupt or insolvent, (c) the Contractor makes a general assignment for the benefit of creditors, (d) a trustee or receiver is appointed for Contractor or for any of Contractor's property (e) the Contractor files a petition to take advantage of any debtor's act, or to reorganize under the bankruptcy or similar laws, (f) the Contractor disregards laws, ordinances, rules, regulations or orders of any public body having jurisdiction, or (g) the Contractor fails to cure default within the time requested. Where Agreement has been so terminated by City, the termination will not affect any rights of City against Contractor then existing or which may thereafter accrue.

5.5 Indemnification. The Contractor (Indemnitor) must indemnify, defend, save and hold harmless the City and its officers, officials, agents and employees (Indemnatee) from any and all claims, actions, liabilities, damages, losses or expenses (including court costs, attorneys' fees and costs of claim processing, investigation and litigation) (Claims) caused or alleged to be caused, in whole or in part, by the wrongful, negligent or willful acts, or errors or omissions of the Contractor or any of its owners, officers, directors, agents, employees, or subcontractors in connection with this Agreement. This indemnity includes any claim or amount arising out of or recovered under workers' compensation law or on account of the failure of the Contractor to conform to any federal, state or local law, statute, ordinance, rule, regulation or court decree. The Contractor must indemnify Indemnatee from and against any and all Claims, except those arising solely from Indemnatee's own negligent or willful acts or omissions. The Contractor is responsible for primary loss investigation, defense and judgment costs where this indemnification applies. In consideration of the award of this Agreement, the Contractor agrees to waive all rights of subrogation against Indemnatee for losses arising from or related to this Agreement. The obligations of the Contractor under this provision survive the termination or expiration of this Agreement.

Limitation of Liability. To the fullest extent permitted by law, the total liability, in the aggregate, of the Contractor and its directors, officers, employees, agents, or subcontractors (collectively "ARCADIS" Parties), to the City and anyone claiming by, through, or under the City for any and all injuries, claims, losses, expenses, costs, attorneys' fees, and damages whatsoever arising out of, resulting from, or in any way related to the Project, Contractor Services, of this

Agreement shall not exceed three times (3X) the fees paid to the Contractor under this Agreement. To the fullest extent permitted by law, in no event shall either the City or the Contractor be liable to the other party for any incidental, indirect, punitive, or consequential damages including, but not limited to, loss of revenues or profits, cost of capital, loss of use or opportunity, cost of substitute facilities, good or services arising out of, resulting from, or in any way related to the project, Contractor Services, or this Agreement. The releases, waivers, and limitation of liability set forth in this section shall apply irrespective of the cause, including, but not limited to, the negligent acts or omissions, strict liability, fault, breach of contract, tort, indemnity obligations, or breach of express or implied warranties by or termination of the party whose liability is released, waived, or limited.

**5.6 Insurance Requirements.** Contractor must procure insurance under the terms and conditions and for the amounts of coverage set forth in Exhibit C against claims that may arise from or relate to performance of the work under this Agreement by Contractor and its agents, representatives, employees, and subcontractors. Contractor and any subcontractors must maintain this insurance until all of their obligations have been discharged, including any warranty periods under this Agreement. These insurance requirements are minimum requirements for this Agreement and in no way limit the indemnity covenants contained in this Agreement. The City in no way warrants that the minimum limits stated in Exhibit C are sufficient to protect the Contractor from liabilities that might arise out of the performance of the work under this Agreement by the Contractor, the Contractor's agents, representatives, employees, or subcontractors. Contractor is free to purchase such additional insurance as may be determined necessary.

**5.7 Cooperation and Further Documentation.** The Contractor agrees to provide the City such other duly executed documents as may be reasonably requested by the City to implement the intent of this Agreement.

**5.8 Notices.** Unless otherwise provided, notice under this Agreement must be in writing and will be deemed to have been duly given and received either (a) on the date of service if personally served on the party to whom notice is to be given, or (b) on the date notice is sent if by electronic mail, or (c) on the third day after the date of the postmark of deposit by first class United States mail, registered or certified, postage prepaid and properly addressed as follows:

**For the City**

Name: Christina Pryor  
 Title: Procurement and Supply Senior Manager  
 Address: 175 S. Arizona Ave., 3<sup>rd</sup> Floor  
Chandler, AZ 85225  
 Phone: 480-782-2403  
 Email: christina.pryor@chandleraz.gov

**For the Contractor**

Name: Esteban Azagra  
 Title: Senior Vice President  
 Address: 630 Plaza Drive, Suite 200  
Highlands Ranch, CO 80129  
 Phone: 602-405-7858  
 Email: esteban.azagra@arcadis.com

**5.9 Successors and Assigns.** City and Contractor each bind itself, its partners, successors, assigns, and legal representatives to the other party to this Agreement and to the partners, successors, assigns, and legal representatives of such other party in respect to all covenants of this Agreement. Neither the City nor the Contractor may assign, sublet, or transfer its interest in this Agreement without the written consent of the other party. In no event may any contractual relation be created between any third party and the City.



5.10 Disputes. In any dispute arising out of an interpretation of this Agreement or the duties required not disposed of by agreement between the Contractor and the City, the final determination at the administrative level will be made by the City Purchasing and Materials Manager.

5.11 Completeness and Accuracy of Contractor's Work. The Contractor must be responsible for the completeness and accuracy of Contractor's services, data, and other work prepared or compiled under Contractor's obligation under this Agreement and must correct, at Contractor's expense, all willful or negligent errors, omissions, or acts that may be discovered. The fact that the City has accepted or approved the Contractor's work will in no way relieve the Contractor of any of Contractor's responsibilities.

5.12 Withholding Payment. The City reserves the right to withhold funds from the Contractor's payments up to the amount equal to the claims the City may have against the Contractor until such time that a settlement on those claims has been reached.

5.13 City's Right of Cancellation. The Parties acknowledge that this Agreement is subject to cancellation by the City under the provisions of Section 38-511, Arizona Revised Statutes (A.R.S.).

5.14 Independent Contractor. For this Agreement the Contractor constitutes an independent contractor. Any provisions in this Agreement that may appear to give the City the right to direct the Contractor as to the details of accomplishing the work or to exercise a measure of control over the work means that the Contractor must follow the wishes of the City as to the results of the work only. These results must comply with all applicable laws and ordinances.

5.15 Project Staffing. Prior to the start of any work under this Agreement, the Contractor must assign to the City the key personnel that will be involved in performing services prescribed in the Agreement. The City may acknowledge its acceptance of such personnel to perform services under this Agreement. At any time hereafter that the Contractor desires to change key personnel while performing under the Agreement, the Contractor must submit the qualifications of the new personnel to the City for prior approval. The Contractor will maintain an adequate and competent staff of qualified persons, as may be determined by the City, throughout the performance of this Agreement to ensure acceptable and timely completion of the Scope of Services. If the City objects, with reasonable cause, to any of the Contractor's staff, the Contractor must take prompt corrective action acceptable to the City and, if required, remove such personnel from the Project and replace with new personnel agreed to by the City.

5.16 Subcontractors. Prior to beginning the work, the Contractor must furnish the City for approval the names of subcontractors to be used under this Agreement. Any subsequent changes are subject to the City's written prior approval.

5.17 Force Majeure. If either party is delayed or prevented from the performance of any act required under this Agreement by reason of acts of God or other cause beyond the control and without fault of the Party (financial inability excepted), performance of that act may be excused, but only for the period of the delay, if the Party provides written notice to the other Party within ten days of such act. The time for performance of the act may be extended for a period

equivalent to the period of delay from the date written notice is received by the other Party.

5.18 Compliance with Laws. Contractor understands, acknowledges, and agrees to comply with the Americans with Disabilities Act, the Immigration Reform and Control Act of 1986 and the Drug Free Workplace Act of 1989. All services performed by Contractor must also comply with all applicable City of Chandler codes, ordinances, and requirements. Contractor agrees to permit the City to verify Contractor's compliance.

5.19 No Israel Boycott. By entering into this Agreement, Contractor certifies that Contractor is not currently engaged in, and agrees for the duration of the Agreement, not to engage in a boycott of Israel as defined by state statute.

5.20 Legal Worker Requirements. A.R.S. § 41-4401 prohibits the City from awarding a contract to any contractor who fails, or whose subcontractors fail, to comply with A.R.S. § 23-214(A). Therefore, Contractor agrees Contractor and each subcontractor it uses warrants their compliance with all federal immigration laws and regulations that relate to their employees and their compliance with § 23-214, subsection A. A breach of this warranty will be deemed a material breach of the Agreement and may be subject to penalties up to and including termination of the Agreement. City retains the legal right to inspect the papers of any Contractor's or subcontractor's employee who provides services under this Agreement to ensure that the Contractor and subcontractors comply with the warranty under this provision.

5.21 Lawful Presence Requirement. A.R.S. §§ 1-501 and 1-502 prohibit the City from awarding a contract to any natural person who cannot establish that such person is lawfully present in the United States. To establish lawful presence, a person must produce qualifying identification and sign a City-provided affidavit affirming that the identification provided is genuine. This requirement will be imposed at the time of contract award. This requirement does not apply to business organizations such as corporations, partnerships, or limited liability companies.

5.22 Forced Labor of Ethnic Uyghurs Prohibited. By entering into this Agreement, Contractor certifies and agrees Contractor does not currently use and will not use for the term of this Agreement: (i) the forced labor of ethnic Uyghurs in the People's Republic of China; or (ii) any goods or services produced by the forced labor of ethnic Uyghurs in the People's Republic of China; or (iii) any contractors, subcontractors or suppliers that use the forced labor or any goods or services produced by the forced labor of ethnic Uyghurs in the People's Republic of China.

5.23 Covenant Against Contingent Fees. Contractor warrants that no person has been employed or retained to solicit or secure this Agreement upon an agreement or understanding for a commission, percentage, brokerage, or contingent fee, and that no member of the Chandler City Council, or any City employee has any interest, financially, or otherwise, in Contractor's firm. For breach or violation of this warrant, the City may annul this Agreement without liability or, at its discretion, to deduct from the Agreement price or consideration, the full amount of such commission, percentage, brokerage, or contingent fee.

5.24 Non-Waiver Provision. The failure of either Party to enforce any of the provisions of this Agreement or to require performance of the other Party of any of the provisions hereof must not be construed to be a waiver of such provisions, nor must it affect the validity of this

Agreement or any part thereof, or the right of either Party to thereafter enforce each and every provision.

5.25 Disclosure of Information Adverse to the City's Interests. To evaluate and avoid potential conflicts of interest, the Contractor must provide written notice to the City, as set forth in this Section, of any work or services performed by the Contractor for third parties that may involve or be associated with any real property or personal property owned or leased by the City. Such notice must be given seven business days prior to commencement of the services by the Contractor for a third party, or seven business days prior to an adverse action as defined below. Written notice and disclosure must be sent to the City's Purchasing and Materials Manager. An adverse action under this Agreement includes, but is not limited to: (a) using data as defined in the Agreement acquired in connection with this Agreement to assist a third party in pursuing administrative or judicial action against the City; or (b) testifying or providing evidence on behalf of any person in connection with an administrative or judicial action against the City; or (c) using data to produce income for the Contractor or its employees independently of performing the services under this Agreement, without the prior written consent of the City. Contractor represents that except for those persons, entities, and projects identified to the City, the services performed by the Contractor under this Agreement are not expected to create an interest with any person, entity, or third party project that is or may be adverse to the City's interests. Contractor's failure to provide a written notice and disclosure of the information as set forth in this Section constitute a material breach of this Agreement.

5.26 Data Confidentiality and Data Security. As used in the Agreement, data means all information, whether written or verbal, including plans, photographs, studies, investigations, audits, analyses, samples, reports, calculations, internal memos, meeting minutes, data field notes, work product, proposals, correspondence and any other similar documents or information prepared by, obtained by, or transmitted to the Contractor or its subcontractors in the performance of this Agreement. The Parties agree that all data, regardless of form, including originals, images, and reproductions, prepared by, obtained by, or transmitted to the Contractor or its subcontractors in connection with the Contractor's or its subcontractor's performance of this Agreement is confidential and proprietary information belonging to the City. Except as specifically provided in this Agreement, Contractor or its subcontractors must not divulge data to any third party without the City's prior written consent. Contractor or its subcontractors must not use the data for any purposes except to perform the services required under this Agreement. These prohibitions do not apply to the following data provided to the Contractor or its subcontractors have first given the required notice to the City: (a) data which was known to the Contractor or its subcontractors prior to its performance under this Agreement unless such data was acquired in connection with work performed for the City; or (b) data which was acquired by the Contractor or its subcontractors in its performance under this Agreement and which was disclosed to the Contractor or its subcontractors by a third party, who to the best of the Contractor's or its subcontractors knowledge and belief, had the legal right to make such disclosure and the Contractor or its subcontractors are not otherwise required to hold such data in confidence; or (c) data which is required to be disclosed by virtue of law, regulation, or court order, to which the Contractor or its subcontractors are subject. In the event the Contractor or its subcontractors are required or requested to disclose data to a third party, or any other information to which the Contractor or its subcontractors became privy as a result of any other contract with the City, the Contractor must first notify the City as set forth in this Section of the request or demand for the data. The Contractor or its subcontractors must give the City sufficient facts so that the City can be given an opportunity to first give its consent or take such

action that the City may deem appropriate to protect such data or other information from disclosure. Unless prohibited by law, within ten calendar days after completion or termination of services under this Agreement, the Contractor or its subcontractors must promptly deliver, as set forth in this Section, a copy of all data to the City. All data must continue to be subject to the confidentiality agreements of this Agreement. Contractor or its subcontractors assume all liability to maintain the confidentiality of the data in its possession and agrees to compensate the City if any of the provisions of this Section are violated by the Contractor, its employees, agents or subcontractors. Solely for the purposes of seeking injunctive relief, it is agreed that a breach of this Section must be deemed to cause irreparable harm that justifies injunctive relief in court. Contractor agrees that the requirements of this Section must be incorporated into all subcontracts entered into by Contractor. A violation of this Section may result in immediate termination of this Agreement without notice.

5.27 Personal Identifying Information-Data Security. Personal identifying information, financial account information, or restricted City information, whether electronic format or hard copy, must be secured and protected at all times by Contractor and any of its subcontractors. At a minimum, Contractor must encrypt or password-protect electronic files. This includes data saved to laptop computers, computerized devices, or removable storage devices. When personal identifying information, financial account information, or restricted City information, regardless of its format, is no longer necessary, the information must be redacted or destroyed through appropriate and secure methods that ensure the information cannot be viewed, accessed, or reconstructed. In the event that data collected or obtained by Contractor or its subcontractors in connection with this Agreement is believed to have been compromised, Contractor or its subcontractors must immediately notify the City contact. Contractor agrees to reimburse the City for any costs incurred by the City to investigate potential breaches of this data and, where applicable, the cost of notifying individuals who may be impacted by the breach. Contractor agrees that the requirements of this Section must be incorporated into all subcontracts entered into by Contractor. It is further agreed that a violation of this Section must be deemed to cause irreparable harm that justifies injunctive relief in court. A violation of this Section may result in immediate termination of this Agreement without notice. The obligations of Contractor or its subcontractors under this Section must survive the termination of this Agreement.

5.28 Jurisdiction and Venue. This Agreement is made under, and must be construed in accordance with and governed by the laws of the State of Arizona without regard to the conflicts or choice of law provisions thereof. Any action to enforce any provision of this Agreement or to obtain any remedy with respect hereto must be brought in the courts located in Maricopa County, Arizona, and for this purpose, each Party hereby expressly and irrevocably consents to the jurisdiction and venue of such court.

5.29 Survival. All warranties, representations, and indemnifications by the Contractor must survive the completion or termination of this Agreement.

5.30 Modification. Except as expressly provided herein to the contrary, no supplement, modification, or amendment of any term of this Agreement will be deemed binding or effective unless in writing and signed by the Parties.

5.31 Severability. If any provision of this Agreement or the application to any person or

circumstance may be invalid, illegal or unenforceable to any extent, the remainder of this Agreement and the application will not be affected and will be enforceable to the fullest extent permitted by law.

5.32 Integration. This Agreement contains the full agreement of the Parties. Any prior or contemporaneous written or oral agreement between the Parties regarding the subject matter is merged and superseded.

5.33 Time is of the Essence. Time of each of the terms, covenants, and conditions of this Agreement is hereby expressly made of the essence.

5.34 Date of Performance. If the date of performance of any obligation or the last day of any time period provided for should fall on a Saturday, Sunday, or holiday for the City, the obligation will be due and owing, and the time period will expire, on the first day after which is not a Saturday, Sunday or legal City holiday. Except as may otherwise be set forth in this Agreement, any performance provided for herein will be timely made if completed no later than 5:00 p.m. (Chandler time) on the day of performance.

5.35 Delivery. All prices are F.O.B. Destination and include all delivery and unloading at the specified destinations. The Contractor will retain title and control of all goods until they are delivered and accepted by the City. All risk of transportation and all related charges will be the responsibility of the Contractor. All claims for visible or concealed damage will be filed by the Contractor. The City will notify the Contractor promptly of any damaged goods and will assist the Contractor in arranging for inspection.

5.36 Third Party Beneficiary. Nothing under this Agreement will be construed to give any rights or benefits in the Agreement to anyone other than the City and the Contractor, and all duties and responsibilities undertaken pursuant to this Agreement will be for the sole and exclusive benefit of City and the Contractor and not for the benefit of any other party.

5.37 Conflict in Language. All work performed must conform to all applicable City of Chandler codes, ordinances, and requirements as outlined in this Agreement. If there is a conflict in interpretation between provisions in this Agreement and those in the Exhibits, the provisions in this Agreement prevail.

5.38 Document/Information Release. Documents and materials released to the Contractor, which are identified by the City as sensitive and confidential, are the City's property. The document/material must be issued by and returned to the City upon completion of the services under this Agreement. Contractor's secondary distribution, disclosure, copying, or duplication in any manner is prohibited without the City's prior written approval. The document/material must be kept secure at all times. This directive applies to all City documents, whether in photographic, printed, or electronic data format.

5.39 Exhibits. The following exhibits are made a part of this Agreement and are incorporated by reference:

Exhibit A - Project Description/Scope of Services  
Exhibit B - Compensation and Fees

## Exhibit C - Insurance Requirements

## Exhibit D - Special Conditions

5.40 Special Conditions. As part of the services Contractor provides under this Agreement, Contractor agrees to comply with and fully perform the special terms and conditions set forth in Exhibit D, which is attached to and made a part of this Agreement.

5.41 Cooperative Use of Agreement. In addition to the City of Chandler and with approval of the Contractor, this Agreement may be extended for use by other municipalities, school districts and government agencies of the State. Any such usage by other entities must be in accordance with the ordinance, charter and/or procurement rules and regulations of the respective political entity.

If required to provide services on a school district property at least five times during a month, the Contractor will submit a full set of fingerprints to the school of each person or employee who may provide such service. The District will conduct a fingerprint check in accordance with A.R.S. 41-1750 and Public Law 92-544 of all Contractors, subcontractors or vendors and their employees for which fingerprints are submitted to the District. Additionally, the Contractor will comply with the governing body fingerprinting policies of each individual school district/public entity. The Contractor, sub-contractors, vendors and their employees will not provide services on school district properties until authorized by the District.

Orders placed by other agencies and payment thereof will be the sole responsibility of that agency. The City will not be responsible for any disputes arising out of transactions made by other agencies who utilize this Agreement.

5.42 Non-Discrimination and Anti-Harassment Laws. Contractor must comply with all applicable City, state, and federal non-discrimination and anti-harassment laws, rules, and regulations.

5.43 Licenses and Permits. Beginning with the Effective Date and for the full term of this Agreement, Contractor must maintain all applicable City, state, and federal licenses and permits required to fully perform Contractor's services under this Agreement.

5.44 Warranties. Contractor must furnish a one-year warranty on all work and services performed under this Agreement. Contractor must furnish, or cause to be furnished, a two-year warranty on all fixtures, furnishings, and equipment furnished by Contractor, subcontractors, or suppliers under this Agreement. Any defects in design, workmanship, or materials that do not comply with this Agreement must be corrected by Contractor (including, but not limited to, all parts and labor) at Contractor's sole cost and expense. All written warranties and redlines for as-built conditions must be delivered to the City on or before the City's final acceptance of Contractor's services under this Agreement.

5.45 Emergency Purchases. City reserves the rights to purchase from other sources those items, which are required on an emergency basis and cannot be supplied immediately by the Contractor.

5.46 Non-Exclusive Agreement. This agreement is for the sole convenience of the City of

Chandler. The City reserves the right to obtain like goods or services from another source when necessary.

5.47 Budget Approval Into Next Fiscal Year. This Agreement will commence on the Effective Date and continue in full force and effect until it is terminated or expires in accordance with the provisions of this Agreement. The Parties recognize that the continuation of this Agreement after the close of the City's fiscal year, which ends on June 30 of each year, is subject to the City Council's approval of a budget that includes an appropriation for this item as expenditure. The City does not represent that this budget item will be actually adopted. This determination is solely made by the City Council at the time Council adopts the budget.

This Agreement shall be in full force and effect only when it has been approved and executed by the duly authorized City officials.

**FOR THE CITY**

By: \_\_\_\_\_

Its: Mayor

**FOR THE CONTRACTOR**

By: Esteban Azagra

Its: Senior Vice President

**APPROVED AS TO FORM:**

By: \_\_\_\_\_

City Attorney

*JMB*

**ATTEST:**

By: \_\_\_\_\_

City Clerk



## EXHIBIT A SCOPE OF SERVICES

The Contractor will provide advanced metering infrastructure consulting services as described below.

### **Task 1 – Project Management and AMI Advisory Services**

The project management services will include ongoing coordination, framed within the project management, monitoring, and control activities for the duration of the project. Additionally, the PMO will provide AMI technical advisory services to the City.

<b><u>Key Subtasks and Activities</u></b>	<b><u>Deliverables</u></b>
<ol style="list-style-type: none"> <li>1. Establish the Project PMO</li> <li>2. Project Kick-Off</li> <li>3. Data and Information Request and Stakeholder Interviews</li> <li>4. Establish a document repository for project documents.</li> </ol>	<ol style="list-style-type: none"> <li>1. Project Communications – recurring team meetings, stakeholder meetings</li> <li>2. Project Schedule</li> <li>3. Risk Register</li> <li>4. Issues Log</li> </ol>
<b>Assumptions:</b> <ul style="list-style-type: none"> <li>• The Project PMO will be operating from start to finish of this project from planning, procurement, implementation, and closure phases.</li> <li>• The City will provide a project manager to coordinate internal resources required for this effort.</li> <li>• The City will establish a core team who represent the key areas the AMI solution impacts.</li> </ul>	

### **Phase 1 – Planning**

**Task 2 – Needs Assessment & Implementation Planning** – During this task, Arcadis will conduct a series of workshops/meetings to identify the needs that are critical to AMI project success. The City's AMI Project should address the needs and pain points that the City wants to improve. During this task, Arcadis will complete a meter inventory analysis to understand more about the current in service meter population, meter age, compatibility with AMI, meter accuracy and estimated lost revenue.

<b><u>Key Subtasks and Activities</u></b>	<b><u>Deliverables</u></b>
<ol style="list-style-type: none"> <li>1. AMI Needs Assessment Workshops</li> <li>2. Implementation Project Planning and Alternatives Identification</li> <li>3. Review relevant documents and information provided by the City.</li> <li>4. Refresh City-provided scope and specifications to obtain updated quote from Neptune distributor.</li> <li>5. Ongoing project meetings and action item and issue log management</li> </ol>	<ol style="list-style-type: none"> <li>1. Meter Inventory Analysis</li> <li>2. Needs Assessment Findings</li> <li>3. Implementation Plan and Timeline</li> <li>4. Review and provide feedback on the Neptune distributor scope of work.</li> </ol>
<b>Assumptions:</b>	

- Needs Assessment Workshops to not exceed seven workshops/meetings – Meters & Installation services, Communication Network, Integrations, Data & Data management, Processes, Customer Needs are a few of the key areas. Workshops are 60 - 90 mins each.
- Assessment findings will be summarized in MS PowerPoint
- Meter inventory data is of a high quality and includes meter size, make, model, location, installation date, premise ID, meter ID, any rehab dates for large meters, read type (as applicable).
- Implementation alternatives limited to six (6)

**Task 3 – Financial Analysis** - Arcadis will develop a business case that studies the various implementation alternatives of AMI at the City. The alternatives that will be studied in Task 3 were identified in Task 2 as an outcome of the Needs Assessment. The business case will inform City decision makers on the value of the solution considering equipment choices, implementation timeline and deployment options. The Financial Cost and Benefits analysis will include a recommendation for a go forward plan that provides the best value for the City.

<b><u>Key Subtasks and Activities</u></b>	<b><u>Deliverables</u></b>
1. Financial Analysis – Cost and Benefits assessment	1. Draft and Final Cost and Benefits Financial Analysis 2. Business Case Results Session/Presentation
<p>Assumptions:</p> <ul style="list-style-type: none"> <li>• City will provide cost information for any preexisting contracts they are planning to use include installation.</li> <li>• City will provide cost information from Neptune or their distributors. Arcadis has AMI cost data that can be used however if the City has quoted pricing through their existing contracts, this information will be important for this analysis.</li> <li>• City will provide service order data that Arcadis can evaluate which informs the benefits assessment.</li> <li>• Arcadis will summarize the business case analysis results and recommendations using MS PowerPoint.</li> </ul>	

## **Phase 2 – Implementation**

The City has completed the software upgrade to Neptune 360 and the data is imported into CIS for billing. The integration with the City's current CIS system, CIS Infinity, has been tested and accepted. The City is currently planning a significant upgrade to their CIS which will take about two years to implement. The City wants to move forward with the AMI project keeping the CIS upgrade project as a separate initiative from the AMI project until the integration between the upgraded CIS and Neptune 360 is required.

It is in this phase that the AMI solution implementation plan is executed. Software integrations are developed and tested, meters and endpoints are installed. Arcadis will provide solution testing support, quality control of the meter deployment work, and help the City with maximizing the benefits of their AMI solution with business process and change management services.

During this phase, two tasks will be accomplished.

- Task 4 Implementation Project Management
- Task 5 Owner's agent implementation support.

The key subtasks and activities are described in the table below.

<b>Key Subtasks and Activities</b>	<b>Deliverables</b>
<ol style="list-style-type: none"> <li>1. Review and provide feedback on the City's scope of work, implementation plan, support agreement, warranty clauses and service levels for the implementation of the Neptune AMI system. Arcadis will provide recommendations to strengthen the agreement which helps the City manage project risks.</li> <li>2. <b>Onboard vendors/contractors</b> – This includes AMI vendor and installer.</li> <li>3. <b>Overall owner's agent project management</b> including oversight of vendor work performance and review of project deliverables.</li> <li>4. <b>System testing support and oversight</b> – Arcadis will support the City with the design of test scripts and a tracking method to ensure the system is fully tested prior to the final cutover.</li> <li>5. <b>Installation Quality Control</b> – Arcadis will provide quality control for AMI deployments related to hardware installation, including best practices, data validation, and verification. Our approach is to use our Endpoint Acceptance tool to ensure as endpoints and meters are installed, they are reporting data on the network within the agreed upon acceptance criteria.</li> <li>6. <b>External Communications support (as needed basis)</b> - This includes preparing briefings/presentations and participating in meetings with City officials.</li> <li>7. <b>Business Process Design and Change Management</b> – The focus will be on internal impacts of change to employees and updates to the City's standard operating procedures (SOP). Arcadis will provide the following services: <ul style="list-style-type: none"> <li>• Conduct meetings to gather the details for the Change Management Plan.</li> <li>• Review and refine as needed the KPIs to track and monitor success of the AMI Project.</li> <li>• Develop business process maps for the processes impacted by AMI.</li> <li>• Provide edits to the City's impacted SOPs. Identify and draft new SOPs required for processes for the new AMI solution.</li> <li>• Recommend required skills or additional resources (either new responsibilities for existing resources or</li> </ul> </li> </ol>	<ol style="list-style-type: none"> <li>1. Technical review and feedback on the City's scope and support agreement for the AMI Solution.</li> <li>2. System Test Strategy - Support for test script development, and issue management tools for system defects and issues.</li> <li>3. Endpoint Acceptance process and data analysis tool</li> <li>4. Change Management Plan including updated and new business process maps for new processes.</li> <li>5. Business Process Training Materials and Updated SOPs</li> </ol>

<b><u>Key Subtasks and Activities</u></b>	<b><u>Deliverables</u></b>
<p>additional resources) to support the new AMI processes.</p> <ul style="list-style-type: none"> <li>• Business Process Training facilitation and support. If needed, AMI solution training to be provided by the City's Neptune distributor. Arcadis will supplement vendor's training with business process training.</li> </ul>	
<p>Assumptions:</p> <ul style="list-style-type: none"> <li>• The City's Installation Contractor required for the implementation has a signed scope of work with the City.</li> <li>• Data required from their AMI Vendor and from their CIS is provided for the endpoint acceptance tool.</li> <li>• The City has baseline business process maps of the current critical processes</li> <li>• For business process training, Arcadis will use a train the trainer approach. The City will identify business process change leads by impacted department to contribute and review business process training materials and be trainers.</li> <li>• Arcadis will provide edits on existing SOPs up to five (5) number.</li> <li>• Arcadis will develop new SOPs for City (max eight (8) new SOPs)</li> </ul>	

### **Phase 3 – Customer Portal Advisory Services**

Arcadis is offering these services for technical expertise on an advisory level to assist the City with the customer portal solution requirements definition, procurement (if needed) and optionally support for the implementation of the customer portal. We recommend early in this project that we tackle subtask 1 shown below in the table so that the City's team has clarity on the customer portal needs and requirements which will inform possible procurement decision related to the acquisition of the system. Two tasks (Tasks 6 and 7) are included in Phase 3.

- Task 6 – Conduct Business Requirements Session
- Task 7 – Support Portal Implementation. Task 7 are optional services.

<b><u>Key Subtasks and Activities</u></b>	<b><u>Deliverables</u></b>
<ol style="list-style-type: none"> <li>1. Conduct requirements session with the City to identify the business requirements and technical specifications</li> <li>2. Provide advisory services to support the City's Project Manager leading the portal implementation project. (Optional)</li> </ol>	<ol style="list-style-type: none"> <li>1. Customer Portal business requirements and technical specifications</li> </ol>
<p>Assumptions:</p> <ul style="list-style-type: none"> <li>• None</li> </ul>	

### **Phase 4 – Closure**

During this phase one task - Solution Adoption and Closure will be tackled. Arcadis will work closely with the City's team and contractors to close out the project. Open issues log and updated and final change management plan will be delivered. Additionally, Arcadis will provide a change management framework for the City to continue recurring review of business processes and operating procedures to help with the City's user adoption. The

subtasks are detailed below.

Key Subtasks and Activities	Deliverables
<ul style="list-style-type: none"> <li>Participate in the transition to support meeting with the City's AMI vendor.</li> <li>Participate in the transition to support meeting with the City's Customer Portal vendor.</li> <li>Conduct a final Change Management plan hand off meeting to the City's water department leads.</li> <li>Establish the framework for continuous change management and business process refinement and hand off to the City's team.</li> <li>Issue any final deliverables and final invoice</li> </ul>	<ol style="list-style-type: none"> <li>Finalize the Change Management Plan, Change Management Framework and Open Issues log.</li> <li>Deliver the Project Document Repository Archive</li> </ol>
<b>Assumptions:</b> <ul style="list-style-type: none"> <li>Project closure occurs when the scope of work is completed which includes the project completion of the AMI implementation.</li> </ul>	

### High Level Project Schedule

The preliminary project schedule is detailed below. A detailed project schedule will be developed and refined during the project initiation activities after the issuance of a notice to proceed.

- Total project duration is about 24 months.
- The AMI implementation includes an initial deployment phase for system testing of six (6) months and about 12-month full deployment period.

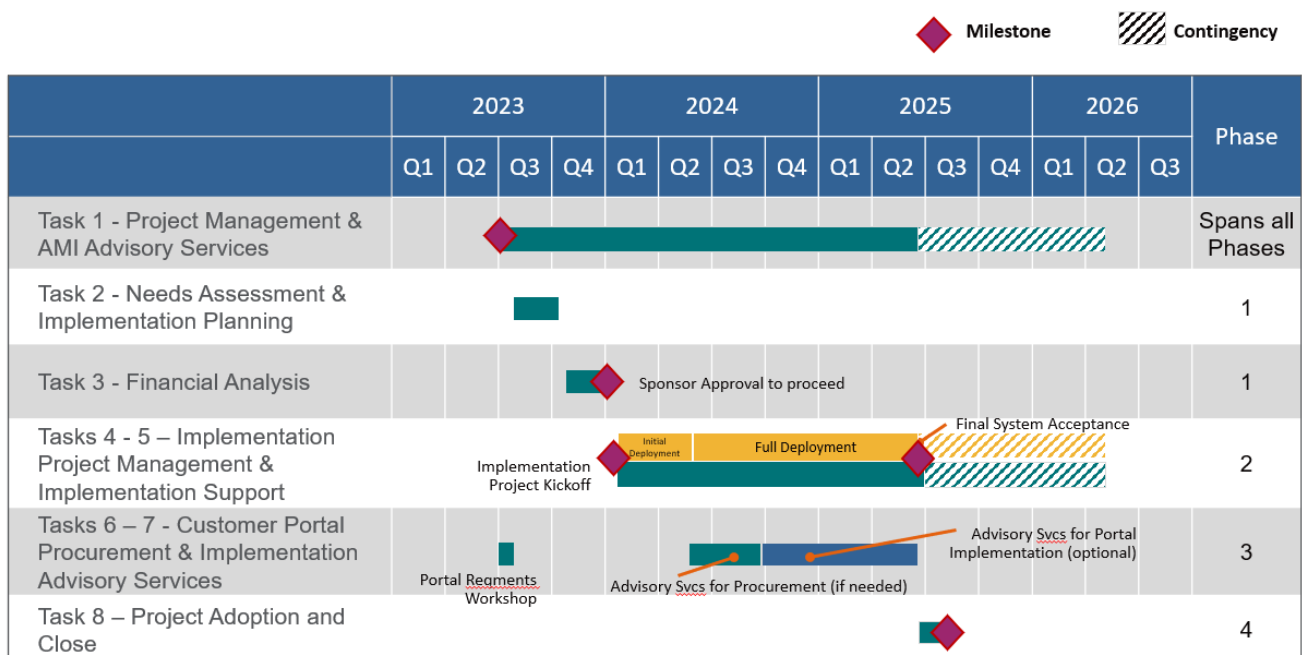


Figure 1: High Level Project Schedule

## **ADDITIONAL SERVICES**

The Contractor may provide other related services upon request from the City.

## EXHIBIT B COMPENSATION AND FEES

### Project Fees

Fees are inclusive of all services described in the Scope of Services.

Task	Fee
Task 1 - Project Management and AMI Advisory Services	\$162,101
Task 2 – Needs Assessment and Implementation Planning	\$66,145
Task 3 – Financial Analysis	\$42,928
Task 4 – AMI Implementation Project Management	\$34,294
Task 5 - Owner's agent implementation support	\$241,598
Task 6 – Portal Advisory Services	\$41,531
Task 7 – Portal Implementation Advisory Services (Optional)	\$43,079
Task 8 - Project Adoption & Closure	\$17,969
Contingency	\$25,000
<b>Project Deliverables Total (Tasks 1 – 6, Task 8 &amp; Contingency)</b>	<b>\$631,565</b>
<b>Optional Services (Task 7) Project Deliverables Total</b>	<b>\$43,079</b>

### Travel Expenses

Unless otherwise agreed, travel expenses will be billed as actual costs, not to exceed.

Estimated Travel Expenses (NTE)	\$30,500
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Note: Travel estimated for Tasks 1, 2, 4 and 5. Travel is not anticipated for any other Task.

### Hourly Rates

The rates for consultant and subcontractor personnel below will serve as the basis for pricing in the event that the City requires related services in addition to those of the Scope of Services.

Staff Role	Hourly Fee
Principal	\$372
Project Manager	\$281
Implementation Lead/AMI Expert/Meter Expert	\$260
Technical Analyst (Integrations & Data)	\$243
Deputy Project Manager	\$200
Organizational Change Management Lead	\$190

Business Analyst	\$150
Project Assistant	\$130

### **Pricing Assumptions**

- Project start: June 2023
- Project duration: about 24 months - 6 months for Initial Deployment and about 15 months for Full Deployment. All software and integration work for the AMI will be completed in the Initial deployment (first six (6) months)
- City's project team and supporting resources are fully committed to this project
- City review and approval of deliverables completed within 7 days
- Pricing does not account for unknowns such as equipment delivery delays or delays for other services required by third party
- Responsibility for the coordination of third-party resources and installation resources is with the City's Project Manager
- Pricing presented time and materials contract with a not to exceed cap. Arcadis will bill monthly for hours expended.
- Contingency presented in the fee table is a bucket of hours that the City can use to manage risks to the project. Contingency dollars will only be use with prior approval from the City's project manager.



## **EXHIBIT C INSURANCE**

### **INSURANCE**

#### General.

- A. At the same time as execution of this Agreement, the Contractor shall furnish the City a certificate of insurance on a standard insurance industry ACORD form. The ACORD form must be issued by an insurance company authorized to transact business in the State of Arizona possessing a current A.M. Best, Inc. rating of A-7, or better and legally authorized to do business in the State of Arizona with policies and forms satisfactory to City. Provided, however, the A.M. Best rating requirement shall not be deemed to apply to required Workers' Compensation coverage.
- B. The Contractor and any of its subcontractors shall procure and maintain, until all of their obligations have been discharged, including any warranty periods under this Agreement are satisfied, the insurances set forth below.
- C. The insurance requirements set forth below are minimum requirements for this Agreement and in no way limit the indemnity covenants contained in this Agreement.
- D. The City in no way warrants that the minimum insurance limits contained in this Agreement are sufficient to protect Contractor from liabilities that might arise out of the performance of the Agreement services under this Agreement by Contractor, its agents, representatives, employees, subcontractors, and the Contractor is free to purchase any additional insurance as may be determined necessary.
- E. Failure to demand evidence of full compliance with the insurance requirements in this Agreement or failure to identify any insurance deficiency will not relieve the Contractor from, nor will it be considered a waiver of its obligation to maintain the required insurance at all times during the performance of this Agreement.
- F. Use of Subcontractors: If any work is subcontracted in any way, the Contractor shall execute a written contract with Subcontractor containing the same Indemnification Clause and Insurance Requirements as the City requires of the Contractor in this Agreement. The Contractor is responsible for executing the Agreement with the Subcontractor and obtaining Certificates of Insurance and verifying the insurance requirements.

Minimum Scope and Limits of Insurance. The Contractor shall provide coverage with limits of liability not less than those stated below.

- A. *Commercial General Liability-Occurrence Form.* Contractor must maintain "occurrence" form Commercial General Liability insurance with a limit of not less than \$2,000,000 for each occurrence, \$4,000,000 aggregate. Said insurance must also include coverage for products and completed operations, independent contractors, personal injury and advertising injury. If any Excess insurance is utilized

to fulfill the requirements of this paragraph, the Excess insurance must be “follow form” equal or broader in coverage scope than underlying insurance.

- B. *Automobile Liability-Any Auto or Owned, Hired and Non-Owned Vehicles*  
*Vehicle Liability:* Contractor must maintain Business/Automobile Liability insurance with a limit of \$1,000,000 each accident on Contractor owned, hired, and non-owned vehicles assigned to or used in the performance of the Contractor’s work or services under this Agreement. If any Excess or Umbrella insurance is utilized to fulfill the requirements of this paragraph, the Excess or Umbrella insurance must be “follow form” equal or broader in coverage scope than underlying insurance.
  
- C. *Workers Compensation and Employers Liability Insurance:* Contractor must maintain Workers Compensation insurance to cover obligations imposed by federal and state statutes having jurisdiction of Contractor employees engaged in the performance of work or services under this Agreement and must also maintain Employers’ Liability insurance of not less than \$1,000,000 for each accident and \$1,000,000 disease for each employee.
  
- D. *Professional Liability.* If the Agreement is the subject of any professional services or work performed by the Contractor, or if the Contractor engages in any professional services or work adjunct or residual to performing the work under this Agreement, the Contractor must maintain Professional Liability insurance covering errors and omissions arising out of the work or services performed by the Contractor, or anyone employed by the Contractor, or anyone whose acts, mistakes, errors and omissions the Contractor is legally liable, with a liability limit of \$1,000,000 each claim and \$2,000,000 all claims. In the event the Professional Liability insurance policy is written on a “claims made” basis, coverage must extend for three years past completion and acceptance of the work or services, and the Contractor, or its selected Design Professional will submit Certificates of Insurance as evidence the required coverage is in effect. The Design Professional must annually submit Certificates of Insurance citing that the applicable coverage is in force and contains the required provisions for a three-year period.

Additional Policy Provisions Required.

- A. *Self-Insured Retentions or Deductibles.* Any self-insured retentions and deductibles must be declared and approved by the City. If not approved, the City may require that the insurer reduce or eliminate any deductible or self-insured retentions with respect to the City, its officers, officials, agents, employees, and volunteers.
  - 1. The Contractor’s insurance must contain broad form contractual liability coverage.
  - 2. The Contractor's insurance coverage must be primary insurance with respect to the City, its officers, officials, agents, and employees. Any insurance or self-insurance maintained by the City, its officers, officials, agents, and employees shall be in excess of the coverage provided by the Contractor and must not contribute to it.

3. The Contractor's insurance must 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.
4. Coverage provided by the Contractor must not be limited to the liability assumed under the indemnification provisions of this Agreement.
5. The policies must contain a severability of interest clause and waiver of subrogation against the City, its officers, officials, agents, and employees, for losses arising from Work performed by the Contractor for the City.
6. The Contractor, its successors and or assigns, are required to maintain Commercial General Liability insurance as specified in this Agreement for a minimum period of three years following completion and acceptance of the Work. The Contractor must submit a Certificate of Insurance evidencing Commercial General Liability insurance during this three-year period containing all the Agreement insurance requirements, including naming the City of Chandler, its agents, representatives, officers, directors, officials and employees as Additional Insured as required.
7. If a Certificate of Insurance is submitted as verification of coverage, the City will reasonably rely upon the Certificate of Insurance as evidence of coverage but this acceptance and reliance will not waive or alter in any way the insurance requirements or obligations of this Agreement.

B. *Insurance Cancellation During Term of Contract/Agreement.*

1. If any of the required policies expire during the life of this Contract/Agreement, the Contractor must forward renewal or replacement Certificates to the City within ten days after the renewal date containing all the required insurance provisions.
2. Each insurance policy required by the insurance provisions of this Contract/Agreement shall provide the required coverage and shall not be suspended, voided or canceled except after 30 days prior written notice has been given to the City, except when cancellation is for non-payment of premium, then ten days prior notice may be given. Such notice shall be sent directly to Chandler Law-Risk Management Department, Post Office Box 4008, Mailstop 628, Chandler, Arizona 85225. If any insurance company refuses to provide the required notice, the Contractor or its insurance broker shall notify the City of any cancellation, suspension, non-renewal of any insurance within seven days of receipt of insurers' notification to that effect.

A. *City as Additional Insured.* The policies are to contain, or be endorsed to contain, the following provisions:

1. The Commercial General Liability and Automobile Liability policies are to contain, or be endorsed to contain, the following provisions: The City, its officers, officials, agents, and employees are additional insureds with respect to

liability arising out of activities performed by, or on behalf of, the Contractor including the City's general supervision of the Contractor; Products and Completed operations of the Contractor; and automobiles owned, leased, hired, or borrowed by the Contractor.

2. The City, its officers, officials, agents, and employees must be additional insureds to the full limits of liability purchased by the Contractor even if those limits of liability are in excess of those required by this Agreement.

## **EXHIBIT D SPECIAL CONDITIONS**

### **INTELLECTUAL PROPERTY**

City Ownership of Project Documents. All work products (electronically or manually generated) including, but not limited to: plans, specifications, cost estimates, tracings, studies, design analyses, original drawings, Computer Aided Drafting and Design (CADD) file diskettes which reflect all final drawings, and other related documents which are prepared in the performance of this Agreement (collectively referred to as "Documents") are to be and remain the property of the City and are to be delivered to the City Representative before the final payment is made to the Contractor. In the event these Documents are altered, modified or adapted without the written consent of the Contractor, which consent the Contractor shall not unreasonably withhold, the City agrees to hold the Contractor harmless to the extent permitted by law from the legal liability arising out of the City's alteration, modification or adaptation of the Documents.

Contractor to Retain Copyrights. The copyrights, patents, trade secrets or other intellectual property rights associated with the ideas, concepts, techniques, inventions, processes or works of authorship developed or created by the Contractor, its subcontractors or personnel, during the course of performing this Agreement or arising out of the Project shall belong to the Contractor.

License to City for Reasonable Use. With this Agreement, the Contractor and its subcontractors hereby grant a license to the City, its agents, employees, and representatives for an indefinite period of time to reasonably use, make copies, and distribute as appropriate the Documents, works or deliverables developed or created as a result of the Project and this Agreement. This license also includes the making of derivative works. In the event that the derivative works require the City to alter or modify the Documents, then the provisions of this section apply.

Documents to Bear Seal. The Contractor and its subcontractors shall endorse by professional seal all plans, works, and deliverables prepared by each for this Agreement as required by state law

### **ACCESS TO SECURED FACILITIES**

Contract Worker Access Controls, Badge and Key Access Requirements. A Contract Worker shall not be allowed to begin work in any City facility without: (A) The prior completion and the City's acceptance of the required background screening; and (B) when required, the Contract Worker's receipt of a City issued badge. A badge will be issued to a Contract Worker solely for access to the City facility(s) to which the Contract Worker is assigned. Each Contract Worker who enters a City facility must use the badge issued to the Contract Worker. Any and all fees associated with security badging will be assessed in compliance with Chandler City Code §4-22.

Key Access Procedures. If the Contract Worker's services require keyed access to enter a City facility(s), a separate key issue/return form must be completed and submitted by Contractor for each key issued.

Stolen or Lost Badges or Keys. Contractor shall report lost or stolen badges or keys to the City immediately. A new badge application or key issue form shall be completed and submitted along with payment of the applicable fees prior to issuance of a new badge or key.

Return of Badges or Keys. All badges and keys are the property of the City and must be returned to the City within one business day of when the Contract Worker's access to a City facility is no longer required to furnish the services under this Agreement. Contractor shall collect a Contract Worker's badge and key(s) upon the termination of the Contract Worker's employment; when the Contract Worker's services are no longer required at the particular City facility(s); or upon termination, cancellation or expiration of this Agreement.

Contractor's default under this Section shall include, but is not limited to the following: (1) Contract Worker gains access to a City facility(s) without the proper badge or key; (2) Contract Worker uses a badge or key of another to gain access to a City facility; (3) Contract Worker commences services under this Agreement without the proper badge, key or Background Screening; (4) Contract Worker or Contractor submits false information or negligently submits wrong information to the City to obtain a badge, key or applicable Background Screening; or (5) Contractor fails to collect and timely return Contract Worker's badge or key upon termination of Contract Worker's employment, reassignment of Contract Worker to another City facility or upon the expiration, cancellation or termination of this Agreement. Contractor acknowledges and agrees that the access control, badge and key requirements in this Section are necessary to preserve and protect public health, safety and welfare. Accordingly, Contractor agrees to properly cure any default under this Section within three business days from the date notice of default is sent by the City. The parties agree that Contractor's failure to properly cure any default under this Section shall constitute a breach of this Section. In addition to any other remedy available to the City at law or in equity, Contractor shall be liable for and shall pay to the City the sum of \$1,000.00 for each breach by Contractor of this Section. The parties further agree that the sum fixed above is reasonable and approximates the actual or anticipated loss to the City at the time and making of this Agreement in the event that Contractor breaches this Section. Further, the parties expressly acknowledge and agree to the fixed sum set forth above because of the difficulty of proving the City's actual damages in the event that Contractor breaches this Section. The parties further agree that three breaches by Contractor of this Section arising out of any default within a consecutive period of three months or three breaches by Contractor of this Section arising out of the same default within a period of 12 consecutive months shall constitute a material breach of this Agreement by Contractor and the City expressly reserves all of its rights, remedies and interests under this Agreement, at law and in equity including, but not limited to, termination of this Agreement.



**City Council Memorandum      Public Works & Utilities      Memo No. CP23-145**

**Date:** May 22, 2023  
**To:** Mayor and Council  
**Thru:** Joshua H. Wright, City Manager  
Andy Bass, Deputy City Manager  
John Knudson, Public Works and Utilities Director  
Kimberly Moon, Capital Projects Manager  
**From:** Melanie Sikes, Senior Engineer  
**Subject:** Construction Manager at Risk Agreement No. WW2005.403, Change Order No. 1 – GMP2, with B&F Contracting, Inc., for the Chandler Boulevard and Dobson Road Sewer and Water Improvements

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**Proposed Motion:**

Move City Council award Construction Manager at Risk Agreement No. WW2005.403, Change Order No. 1 – GMP2, to B&F Contracting, Inc., for the Chandler Boulevard and Dobson Road Sewer and Water Improvements, in an amount not to exceed \$7,202,897.39.

**Background/Discussion:**

On April 27, 2023, City Council awarded Construction Manager at Risk Agreement No. WW2005.403 to B&F Contracting, Inc., for the Chandler Boulevard and Dobson Road Sewer and Water Improvements. As part of the project, approximately 8,500 linear feet of water mains prioritized for replacement in the 2018 Water Master Plan will be replaced from west of Dobson on Chandler Boulevard east to Chippewa Place. This is the second of three related Construction Agreements with B&F Contracting, Inc. The agreements are presented separately due to phasing and funding.

The first contract included the sewer improvements portion of the work. This Change Order No. 1 – GMP2 includes the replacement of water mains, valves, fire hydrants, and water services in the intersection at Dobson Road and on the north side of Chandler Boulevard from Dobson Road to Chippewa Place, including long lead water materials for the work on the south side of Chandler Boulevard.

This work uses funding allocated in the Fiscal Year (FY) 2022-2023 budget. A forthcoming Change Order No. 2 – GMP3 is anticipated for the July 20, 2023, Council meeting agenda and will include labor and equipment for the water improvements on the south side of Chandler Boulevard from Dobson Road to Meadows Drive, fog seal, and pavement markings that will utilize funding allocated in the FY 2023-2024 budget, pending Council approval. An additional 120 calendar days has been added to the contract time for a revised total of 435 calendar days.

The project began construction in May 2023 and is anticipated to be completed entirely in the fall of 2024. There will be significant impacts to the public with traffic control required to safely install and rehabilitate the sewer pipes, manholes and the main water lines. No intersection shutdown is planned. All construction work in proximity to businesses near the intersection will be paused during the winter holiday season (November 20, 2023-January 1, 2024).

**Evaluation:**

The selection process was followed in accordance with City policy and procedure and State law. Staff recommends Agreement award to B&F Contracting, Inc., based on qualifications, relevant firm experience, team experience, project understanding, and project approach. Staff reviewed the Guaranteed Maximum Price proposal and determined it to be reasonable.

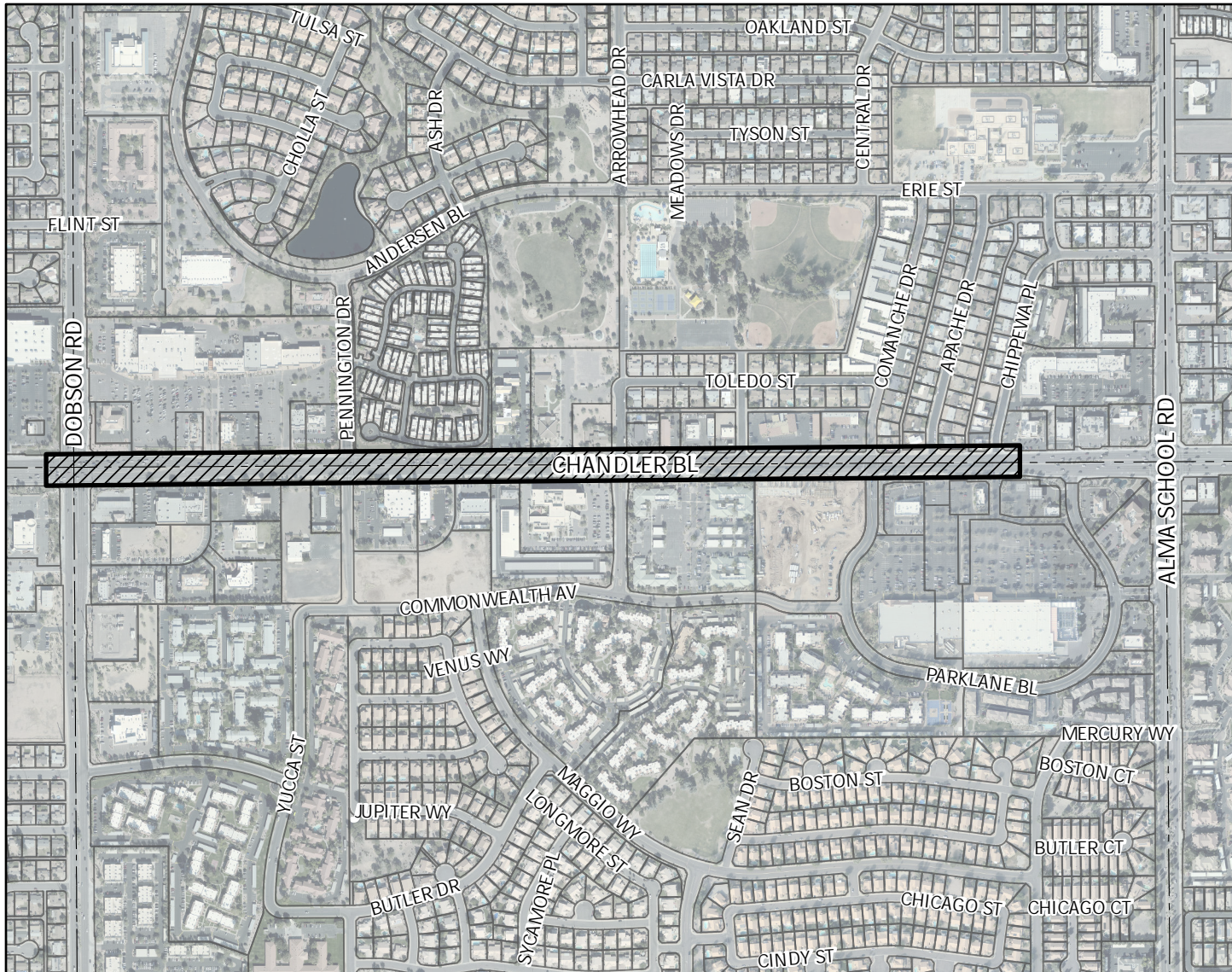
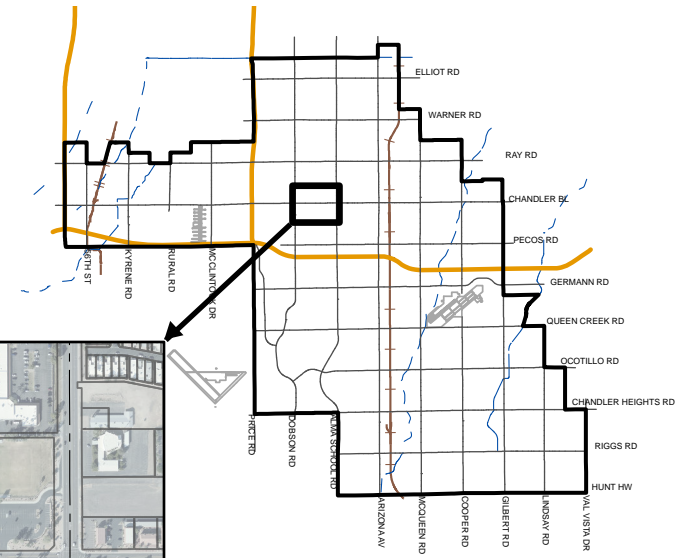
Fiscal Impact				
Account No.	Fund Name	Program Name	Dollar Amount	CIP Funded Y/N
605.3820.6210.6WA023	Water Operating	Water Main Replacements	\$7,022,897.39	Y
601.3820.6210.6WA023	Water Bond	Water Main Replacements	\$180,000.00	Y

Attachments	
Location Map	
Change Order - B&F Contracting, Inc.	





# CHANDLER BOULEVARD AND DOBSON ROAD SEWER AND WATER IMPROVEMENTS PROJECT NO. WW2005.403



MEMO NO. CP23-145

 PROJECT LOCATION



**CHANGE ORDER NO. 1**  
**DATE 4/25/2023**

Change Order not valid until signed by both the City and the Contractor. Contractor's signature indicates Agreement herewith, including any adjustments in the Agreement Price or Agreement Time.		
Project Name: <b>Chandler Boulevard and Dobson Road Sewer and Water Improvements</b>		
Project No.: <b>WW2005.403</b>		
User Dept.: <u>Public Works &amp; Utilities</u>	NTP Date: <u>TBD</u>	
<hr/>		
<b>TO:</b> <u><b>B&amp;F Contracting, Inc.</b></u>	<u><b>11011 N 23<sup>rd</sup> Ave, Phoenix, AZ 85029</b></u>	
(CONTRACTOR)	(Mailing Address)	
	<u><b>JOnstott@bfcontracting.com</b></u>	
	(Email Address)	
<b>Contractor must make the following changes to this Agreement:</b> (Detail scope change (Exh. A) / cost breakdown (Exh. B), if needed)		
The following contract Change Order represents the GMP 2 for a portion of the water improvements work as presented in the attached Exhibits. The contract time will also be extended an additional 120 calendar days to allow the contractor to perform this portion of the work.		
<hr/>		
<b>Amendment authorized by Owner name:</b> Jeff Auker on phone		<b>Date:</b> 4/25/2023
Original Agreement amount:	\$7,689,563.73	
Previous Change Order total:	\$0	
Last Agreement amount approved by Council:	\$7,689,563.73	
This Change Order:	\$7,202,897.39	
This Change Order + previous Change Order(s) not approved by Council total:	\$7,202,897.39	
Revised Agreement total:	\$14,892,461.12	
<b>Council Approval Required</b> (yes indicates approval required)	<b>Yes</b>	<b>No</b>
Change Order(s) total over \$100,000:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Change Order(s) total causes Agreement to exceed \$100,000:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Agreement Time</b>		
Agreement time prior to this Change Order (including previous change order(s):	<u>315</u>	Calendar Days
Net change resulting from this Change Order:	<u>120</u>	Calendar Days
Revised Agreement time (including this Change Order):	<u>435</u>	Calendar Days
<b>Council Approval</b> (if applicable)		
Council Approval Date: <u>5/25/23</u> Item No. <u>      </u>		



THE ABOVE IS AGREED TO BY:

"CITY" CITY OF CHANDLER

\_\_\_\_\_  
MAYOR

RECOMMENDED BY:

Kimberly Moon

Kimberly Moon, P.E.  
CIP City Engineer

APPROVED AS TO FORM:

\_\_\_\_\_  
City Attorney

*THB*

ATTEST:

\_\_\_\_\_  
City Clerk

Seal

"CONTRACTOR"

B&F Contracting, Inc.

Josh Ott

Signature

4/27/23

Date

Joshua Onstott

Print Name

Executive Director

Title

Jonstott@bfcontracting.com

Signer Email Address

C: Owner / Project Mgr

April 26, 2023

Scott Riter – Construction Project Manager  
City of Chandler – Public Works & Utilities  
215 E Buffalo Street  
Chandler, AZ 85225

**RE: Name: Chandler Blvd and Dobson Road Watermain Replacement Project**  
**Project No.: WW2005.403**

**SUBJECT: Construction Manager at Risk – GMP-002**

Dear Mr. Riter,

B&F Contracting, Inc. respectfully submits, for your review, our GMP-002 for the Chandler Dobson Watermain Replacement Project. B&F proposes to complete the work over a 15-month period, of which 10-months are directly represented in this GMP due to the concurrent sewer project that is estimated at 7-months' time. This GMP is for the Water installation and abandonment partially running concurrently with the Sewer Replacement and Rehabilitation, but most of the work will be completed immediately following with the Sewer Replacement & Rehabilitation. Place holders in the project schedule will show the delineation of these areas. The price includes all labor, equipment, material, and services to complete a portion of the work which is delineated on the schedule of values. The remainder of the work in the plan sheets will be provided in a GMP-003 budget in July 2023. See the attached schedule of values for reference and supplemental documentation.

Included in this package are the following documents:

- Scope of Work
- GMP Exhibit D
- Schedule of Values
- Cost Detail
- Equipment and Crew Composition
- List of GMP Documents
- Clarifications and Assumptions
- GMP Schedule
- Cashflow Chart
- Risk Register

We are excited about the opportunity to work with the City of Chandler and look forward to discussing this soon. If you or your team have any questions or comments regarding the above items, please contact Josh Onstott at (623)238-3792.

Sincerely,

**Josh Onstott**

Josh Onstott – Executive Director  
Jonstott@bfcontracting.com  
B&F Contracting, Inc.

**INDEX OF EXHIBITS**  
**CHANDLER BLVD. AND DOBSON ROAD TO CHIPPEWA WATERMAIN  
REPLACEMENT PROJECT**

COC Project No.: WW2005.403

GMP-002

[04/26/2023]

- Exhibit D1: Scope of Work
- Exhibit D2: GMP Coversheet
- Exhibit D3: Schedule of Values
- Exhibit D4: List of GMP Documents
- Exhibit D5: Clarifications and Assumptions
- Exhibit D6: GMP-002 & GMP-003 Schedule
- Exhibit D7: Cashflow Chart
- Exhibit D8: Risk Register

## **EXHIBIT D1: SCOPE OF WORK**

CHANDLER AND DOBSON WATERMAIN REPLACEMENT

COC Project Number: WW2005.403

GMP-002

(04/26/2023)

### **PROJECT OVERVIEW**

The project includes the replacement and abandonment of approximately 8,254 LF of 12-inch existing watermain with a new Ductile Iron Pipe main bound by the intersection of Dobson Road and Chandler Blvd and Chandler Blvd and Chippewa on the North Side of Chandler and Chandler and Meadows Drive on the South Side of Chandler Blvd. The project GMP was evaluated by delineating the intersection of Chandler Blvd and Dobson Intersection and all other pipe installed east of the intersection to their respective connections. This project includes the updating of existing services, backflow, and hydrant along the alignment.

### **SCOPE OF WORK**

Chandler Blvd and Dobson Intersection: Installation and connection of new 12" ductile iron pipe throughout the intersection establishing 4 new tie-ins to the existing system. This work includes the installation of 3 EA. Permaseal Valves for Isolation and 1 each insertion valves to complete work. Post installation and testing of the new pipeline, the existing pipe will be abandoned in place.

Chandler Blvd from Dobson Intersection to Chippewa Place: Installation of new 12-inch line that runs parallel with Chandler Blvd. New services, backflows, hydrant, and lateral as identified on the plans. Post installation and testing of the new pipeline, the existing pipe will be abandoned in place.

Construction phase services by the CMAR includes:

- Mill, Sawcut and removal of asphalt.
- Trench excavation.
- Perform water main installation.
- Tie into existing water mains.
- Install Fire hydrant.
- Cleaning and Inspection.
- Pressure Test and Chlorination.
- Coordinate with various City of Chandler departments, other agencies, utility companies, etc.
- Arrange for procurement of materials and equipment.
- Schedule and manage site operations.
- Bond and insure the construction.
- Maintain a safe work site for all project participants.
- As-built records drawings.
- Shutdown planning and coordination.
- Hardscape removal and replacement.
- Landscape restoration at disturbed areas.
- Asphalt Replacement.
- Concrete encasement per the plans.
- Known Utility Protection.
- Striping and Traffic Control.
- Public Outreach.
- SWPP Maintenance.
- Quality Control Testing.

- GPS/GIS field data per (Exhibit GPS Scope and Data Dictionary)

## **GENERAL ITEMS:**

- 1) Mobilization & Demobilization:
  - a) Fog Seal Mobilizations 2 ea.
  - b) B&F Mobilization to site and onsite moves during the project.
  - c) Office site establishment and setup.
  - d) Yard grading and leveling and associated plating to avoid rutting and track out issues.
  - e) Screen for yard fence required by landowner.
  - f) Power and Internet establishment at the office on site
  - g) Installation rental/purchase of holding tank for the office trailers.
  - h) Site/Yard Setup & Takedown – Crew time setting up fencing, surveillance, yard access and arranging all the storage materials for construction phase.
  - i) Project information signs.
- 2) Storm Water Pollution Prevention (SWPP)
  - a) This includes the cost to facilitate inspection on a bi-weekly status and within 24 hours after every rain event.
  - b) SWPPP book and permit are included in the Sewer Project Cost.
  - c) Maintain onsite Storm Water Protection throughout the project at inlets, track-out, and other BMPs onsite.
  - d) Purchase materials and replacement materials during the project duration.
  - e) Klein tank to meet the needs of the crew with quicker filling times.
  - f) Street sweeper services the site 16 hours a month.
  - g) ½ time water truck and driver to maintain the yard and materials during construction activities for material handling and dust maintenance.
  - h) ADEQ sign.
- 3) Survey (Allowance)
  - a) Set up project control and pipe alignment.
  - b) As-built records for all deflections, fitting, valves, and new waterline alignment.
  - c) Maintaining GPS/GIS data on a weekly basis with the City of Chandler per the Exhibit GPS Scope and Data Dictionary.
  - d) Final record as-builts.
- 4) Public Outreach (Allowance)
  - a) Cost to maintain connection with the community by MakPro.
  - b) Website management
  - c) Hotline operation
  - d) Public notifications
  - e) Billed as cost reimbursable.
  - f) Assistance with access agreements/TCEs and permanent easements.
- 5) Item will be included in GMP-003
- 6) Item will be included in GMP-003
- 7) Place and Fine Grade ABC & Fine Grade Prior To Pavement
  - a) Complete a fine grade to ensure ac thickness and compaction is met prior to paving operations.
- 8) Remove and Replace Curb and Gutter MAG Standard Detail 230
  - a) Remove and Replace Curb that is damaged by construction activities due to the close proximity of the running line to the curb and gutter.
  - b) Labor, Equipment, Materials, and Fees to remove to sawcut remove the existing work regrade the area for new curb, compact the subgrade, and install new curb in place post construction of the waterline.

- 9) Remove And Replace Sidewalk Mag Std Det 230
  - a) R&R sidewalk at locations identified on the plans and any activity in the sidewalk.
  - b) Equipment, labor, materials, and consumables are included in the price of replacement.
- 10) Sawcut, Remove, And Replace Pavement MAG Standard Detail 200-1 & 200-2
  - a) Sawcut the pavement section for trench excavation.
  - b) Remove pavement offsite and associated dump fees.
  - c) Milling the trench line for T-Top
  - d) Furnish Install trench patch per COC standards.
  - e) Crack seal trench edges.
  - f) Tack coat on existing asphalt edges.
- 11) Item will be included in GMP-003
- 12) Item will be included in GMP-003
- 13) Remove and Replace Valley Gutter Mag Std Det 240
  - a) Demo and remove existing valley gutter and dispose of materials.
  - b) Grade and form new valley gutter.
  - c) Labor, equipment, and materials to complete the work.
  - d) Quantities for valley gutter are based on plans.
  - e) CMAR takeoff for valley gutters based on existing conditions onsite differ from plans. CMAR has excluded this from the GMP direct cost but will carry possible overrun in contractor's contingency.
  - f) Due to the running line on the waterline like the curb the expectation is that valley gutter will be susceptible to damage from the equipment performing the work. Extra contingency is added to the contractor's contingency to cover this cost.
- 14) Replace Concrete Bus Bay COC Standard
  - a) Demo and remove existing valley gutter and dispose of materials.
  - b) Labor, equipment, and materials to complete the work.
  - c) Associated haul off and dump fees for concrete.
  - d) Fine grading and compaction prior to placement.
  - e) An additional 500 SF was added to the GMP due to damaged panels identified in the design phase potholing efforts.
  - f) Eco Pan for washout at the yard.
- 15) 12-inch ACP Abandonment with Grout
  - a) Crew and materials to add grouting points on pipe for abandonment.
  - b) Grout crew and pump to complete work.
- 16) 12-inch CIP Abandonment with Grout
  - a) Crew and materials to add grouting points on pipe for abandonment.
  - b) Grout crew and pump to complete work.
- 17) 8-inch ACP Abandonment with Grout
  - a) Crew and materials to add grouting points on pipe for abandonment.
  - b) Grout crew and pump to complete work.
- 18) 8-inch CIP Abandonment with Grout
  - a) Crew and materials to add grouting points on pipe for abandonment.
  - b) Grout crew and pump to complete work.
- 19) 6-inch ACP Abandonment with Grout
  - a) Crew and materials to add grouting points on pipe for abandonment.



- b) Grout crew and pump to complete work.
- 20) Abandon In Place 12-inch Gate Valve in Closed Position Std Det 350
- a) Remove surface to square edges and remove risers once valve is in desired position and fill with ½ sack slurry.
  - b) Crew & Equipment to complete the work.
  - c) Abandon gate valve in concrete that are not identified to replace concrete will be patch with bag mix 4000 PSI concrete once abandonment is completed.
- 21) Abandon In Place 8-inch Gate Valve in Closed Position Std Det 350
- a) Remove surface to square edges and remove risers once valve is in desired position and fill with ½ sack slurry.
  - b) Crew & Equipment to complete the work.
  - c) Abandon gate valve in concrete that are not identified to replace concrete will be patch with bag mix 4000 PSI concrete once abandonment is completed.
- 22) Abandon In Place 6-inch Gate Valve in Closed Position Std Det 350
- a) Remove surface to square edges and remove risers once valve is in desired position and fill with ½ sack slurry.
  - b) Crew & Equipment to complete the work.
  - c) Abandon gate valve in concrete that are not identified to replace concrete will be patch with bag mix 4000 PSI concrete once abandonment is completed.
- 23) Abandon In Place Existing Water Service Line
- a) Labor, Equipment and Materials to complete cut and plugs after the new line is in service.
  - b) Materials include fittings to abandon in place.
  - c) The corporation stop at the main will remain open and the abandonment will be complete near the meter or private side connection and cut the service below grade to its current running line to 18-inch minimum below grade of the running line is less than 18".
  - d) The service will be abandoned as deep as possible and closest to the main without creating more surface repair.
- 24) Remove Existing Water Meter Box and Salvage Meter to City
- a) Crew and Materials to remove meter box and meter.
  - b) B&F will contact Jeff Auken and deliver the City of Chandler McQueen Yard.
- 25) Remove Existing Fire Hydrant
- a) Crew & Equipment to complete the work.
  - b) Materials to fill voids and any other hardscape or existing concrete that will need to be removed to properly remove and abandon the hydrant.
  - c) Landscape restoration will be compensated through the Pavers and Landscape allowance.
- 26) Remove 12" CIP Water Main:
- a) Crew & Equipment to complete the work.
  - b) Materials to properly cap the existing line for abandonment.
  - c) Removal of pipe listed on the plan but not implicit in the GMP will be covered through this line item due to minimal quantities all water pipe removal called out on the plans are included in line items provided.
- 27) Remove 12" ACP Water Main:
- a) Crew & Equipment to complete the work.
  - b) Materials to fill voids and any other hardscape or existing concrete that will need to be removed to properly remove and abandon the hydrant.
  - c) Asbestos abatement and disposal for all ACP removals including 6-inch ACP.
- 28) Cut and Plug 6-inch Water Main
- a) Labor, Equipment and Materials to complete cut and plugs after the new line is in service.
  - b) Materials include DIP, Transition Coupling, cap, and concrete for restraint on existing pipe for abandonment or reenergization.

- 29) Cut and Plug 8-inch Water Main
- Labor, Equipment and Materials to complete cut and plugs after the new line is in service.
  - Materials include DIP, Transition Coupling, cap, and concrete for restraint on existing pipe for abandonment or reenergization.
- 30) Cut & Plug 12-inch Water Main
- Labor, Equipment and Materials to complete cut and plugs after the new line is in service.
  - Materials include DIP, Transition Coupling, cap, and concrete for restraint on existing pipe for abandonment or reenergization.
- 31) Remove Existing 12" Gate Valve and Backfill with ½ Sack CLSM
- Equipment, Labor, and Materials to remove valve box and cover.
  - CLSM to backfill the void after removal.
  - Disposal of gate valve and materials
- 32) Remove Existing 12" Gate Valve Box and Cover
- Equipment, Labor, and Materials to remove valve box and cover.
  - Disposal of removed materials.
- 33) Item will be included in GMP-003
- 34) Remove Existing 6" Gate Valve and Backfill with ½ Sack CLSM
- Equipment, Labor, and Materials to remove valve box and cover.
  - CLSM to backfill the void after removal.
  - Disposal of gate valve and materials
- 35) Remove 24-Inch Abandoned SRP Irrigation Pipe
- Sawcut and remove pipe.
  - Haul off to disposal.
  - Disposal fees.
- 36) Plug 24-inch Abandoned Irrigation Line
- Material and labor to build a pipe plug for abandonment.
- 37) 12-Inch Pipe Installation in the Chandler & Dobson Intersection
- Equipment, labor, and materials to install pipe through the intersection and backfill with ½ sack CLSM.
  - Pipe, fitting, valves, vertical realignment, and utility coordination are included in this line item.
  - The Northwest corner concrete section of pipe concrete encased with the sewer asphalt and removal included in sewer GMP.
  - Equipment for the NW corner work will be shared between two projects to complete the work.
  - No work between November 18<sup>th</sup> and January 1<sup>st</sup> will happen in this area.
  - The water main installation on the NW corner will be done separately to the other work.
  - Production based on 24-hour lane closures for all work on sheet W1, W2, W3 to Station 34+85, and W12 to station 32+00.
  - NW corner water main sheet W1 left side will be completed and in service prior to start of other water work.
- 38) 12-Inch Class 350 DIP Watermain W/Polywrap, Valves, Fittings, Vertical/Horizontal Alignment's, & Gate Valves Misc.
- Included all 12-inch waterline material outside the intersection work only. The remaining cost will be applied to GMP-003.

- 39) 8-Inch Class 350 DIP Watermain W/Polywrap, Valves, Fittings, Vertical/Horizontal Alignment's, & Gate Valves Misc.
- a) Equipment, labor, and materials to install and backfill pipe.
  - b) Shoring and Plates
  - c) Vertical realignments and horizontal realignments'
  - d) ABC backfill.
  - e) Haul off and disposal of excavated materials.
  - f) Dig, lay, and backfill pipe.
  - g) Standard bedding depth.
  - h) Anticipated to be completed with a 24-inch excavator bucket.
  - i) Compaction complete with an excavator sheep's foot attachment after 1 foot above pipe.
- 40) 6-Inch Class 350 DIP Watermain W/Polywrap, Fittings, And Valves
- a) Equipment, labor, and materials to install pipe and backfill.
  - b) Shoring and Plates
  - c) Vertical realignments and horizontal realignments'
  - d) ABC backfills.
  - e) Haul off and disposal of excavated materials.
  - f) Dig, lay, and backfill pipe.
  - g) Standard bedding depth.
  - h) Anticipated to be completed with a 24-inch excavator bucket.
- 41) 4-Inch Class 350 DIP Watermain W/Polywrap, Fittings, And Valves
- a) Equipment, labor, and materials to install pipe and backfill.
  - b) Shoring and Plates
  - c) Vertical realignments and horizontal realignments'
  - d) ABC backfills.
  - e) Haul off and disposal of excavated materials.
  - f) Dig, lay, and backfill pipe.
  - g) Standard bedding depth.
  - h) Anticipated to be completed with a 24-inch excavator bucket.
  - i) Compaction complete with an excavator sheep's foot attachment after 1 foot above pipe.
- 42) 12" Perma-Seal Insertion Valve Mueller Co LLC or Approved Equivalent:
- a) Includes labor, materials, and equipment to excavate and backfill the valve post installation.
  - b) Tap Master's to install a new insertion valve on the existing 12" Main.
  - c) Backfill material in line item 37.
- 43) 12" Inserta Valve Romac Industries or Approved Equivalent:
- a) Includes labor, materials, and equipment to make time and complete backfill post installation.
  - b) Pipeline Services to install a new insertion valve on the existing 12" Main.
  - c) Insert a valve will be backfilled with ½ Sack CLSM.
  - d) Valve are considered sacrificial for isolation and constructability post construction they will be abandoned in place.
  - e) Soft dig to expose the existing pipe.
- 44) 12-inch Cut in Tee
- a) Labor, Equipment, and Materials to cut the Tee in with a coordinated shutdown plan with water service department.
  - b) Soft dig to expose the existing pipe.
- 45) 16-inch Gate Valve (Not on Plans)
- a) Labor, Equipment, and Materials to cut the Tee in with a coordinated shutdown plan with water service department.

- b) The valve will be installed at a new Tee in lieu a tapping sleeve and permaseal valve.
- 46) 16-inch X 8-inch Cut in Tee
- a) Labor, Equipment, and Materials to cut the Tee in with a coordinated shutdown plan with water service department.
  - b) Soft dig to expose the existing pipe.
  - c) Tee is currently called out on plans as a insert a valve with a 8-inch tapping sleeve and valve. The city direct due to isolation to provide a cut in tee, solid sleeve, and valve verse the current plan.
- 47) Thrust Block Installation @ Intersection
- a) 5'6" X 2'4" X 4' thrust blocks at the intersection at connection to the existing system.
  - b) Equipment, labor, and materials to excavate, shore, form, install rebar and pour the thrust blocks at each location.
- 48) Chandler Blvd Misc. Thrust Blocks
- a) Includes all thrust blocks not at the intersection on the new connection to the exiting lines per the design drawings.
- 49) Concrete Encasements at Chandler Blvd & Dobson Road
- a) Equipment, labor, and materials to complete 39 lf of encasement identified on the plans.
- 50) Connect to Existing 12-inch Water Main ACP To DIP Transition Coupling
- a) Includes time to complete and expose existing main and preparation to make tie in.
  - b) Includes labor, materials, and equipment to make time and complete backfill post installation.
  - c) Includes hydro excavation around existing main.
  - d) Asbestos Disposal as needed.
- 51) Connect to Existing 12-inch Water Main Not ACP Transition Coupling
- a) Includes time to complete and expose existing main and preparation to make tie in.
  - b) Includes labor, materials, and equipment to make time and complete backfill post installation.
  - c) Includes hydro excavation around existing main.
- 52) Item will be included in GMP-003
- 53) Connect to Existing 8-inch Water Main Not ACP To DIP Transition Coupling:
- a) Includes time to complete and expose existing main and preparation to make tie in.
  - b) Includes labor, materials, and equipment to make time and complete backfill post installation.
  - c) Includes hydro excavation around existing main.
- 54) Connect to Existing 6-inch Water Main ACP To DIP Transition Coupling:
- a) Includes time to complete and expose existing main and preparation to make tie in.
  - b) Includes labor, materials, and equipment to make time and complete backfill post installation.
  - c) Includes hydro excavation around existing main.
  - d) Asbestos Disposal as needed.
- 55) Connect to Existing 6-inch Water Main Not ACP To DIP Transition Coupling:
- a) Includes time to complete and expose existing main and preparation to make tie in.
  - b) Includes labor, materials, and equipment to make time and complete backfill post installation.
  - c) Includes hydro excavation around existing main.
- 56) Connect to Existing 4-inch Water Main DIP
- a) Includes time to complete and expose existing main and preparation to make tie in.
  - b) Includes labor, materials, and equipment to make time and complete backfill post installation.
  - c) Includes hydro excavation around existing main.

- 57) Fire Hydrant Assembly COC Std Det C-303 & C-305:
- a) The bid items included the cost of materials, labor, and equipment to complete.
- 58) 4" Bollard Type 1 COC Standard Detail C-105 & MAG Standard Detail 140
- a) The bid items included the cost of materials, labor, and equipment to complete the installation of the 4 ea. bollards.
- 59) 1" Type K Soft Copper Service Line COC Std Det C-301
- a) The bid items included the cost of materials, labor, and equipment to complete work.
  - b) ABC Backfill
- 60) 1.5" Rigid Copper Service Line COC Std Det C-301:
- a) The bid items included the cost of materials, labor, and equipment to complete work.
  - b) ABC Backfill
- 61) 2" Rigid Copper Service Line COC Std Det C-301
- a) The bid items included the cost of materials, labor, and equipment to complete work.
  - b) ABC Backfill
- 62) Locate and Connect Existing Service
- a) The bid items included the cost of materials, labor, and equipment to complete work.
- 63) 1" Backflow Preventor & Enclosure COC Standard Detail C-311
- a) The bid items included the cost of materials, labor, and equipment to complete.
  - b) The bid item includes the installation of a concrete slab and enclosure post installation.
  - c) Includes the certification of the backflow after installation and testing is completed.
  - d) Note all backflow preventor will need to be inspected by the city for proper placement.
- 64) 1.5" Backflow Preventor & Enclosure COC Standard Detail C-311
- a) The bid items included the cost of materials, labor, and equipment to complete work.
  - b) The bid item includes the installation of a concrete slab and enclosure post installation.
  - c) Includes the certification of the backflow after installation and testing is completed.
  - d) Note all backflow preventor will need to be inspected by the city for proper placement.
- 65) 2" Backflow Preventer & Enclosure COC Std Det C-302
- a) The bid items included the cost of materials, labor, and equipment to complete.
  - b) The bid item includes the installation of a concrete slab and enclosure post installation.
  - c) Includes the certification of the backflow after installation and testing is completed.
  - d) Note all backflow preventor will need to be inspected by the city for proper placement.
- 66) 4-inch Backflow Preventer COC Std Det C-315
- a) The bid items included the cost of materials, labor, and equipment to complete work.
  - b) The bid item includes the installation of a concrete slab and enclosure post installation.
  - c) Includes the certification of the backflow after installation and testing is completed.
  - d) Note all backflow preventor will need to be inspected by the city for proper placement.
- 67) ) 6" Backflow Preventor & Enclosure COC Standard Detail C-311
- a) The bid items included the cost of materials, labor, and equipment to complete work.
  - b) The bid item includes the installation of a concrete slab and enclosure post installation.
  - c) Includes the certification of the backflow after installation and testing is completed.
  - d) Note all backflow preventor will need to be inspected by the city for proper placement.
- 68) Water Meter Box Installation

- a) Labor and Equipment to install level the box after the swing connection is completed and backfilled per COC standards.
- 69) Install 2-inch Combination Air Relief Valve COC Detail C-319
- a) The bid items included the cost of materials, labor, and equipment to complete work.
- 70) Temporary Watermain Installation at Arrowhead Dr and Jack in a Box
- a) Labor, equipment, and materials to install a temporary watermain from the existing ACP pipe to the business to maintain water during the construction of the new watermain.
  - b) All HDPE pipes will be potable, pressure tested, and bacterial tested prior to tie in.
  - c) Shallow trenching in price to maintain public access.
- 71) Protect Existing SRP utilities being crossed at the intersection.
- a) Materials, labor, equipment to complete temporary support to cross large utilities as identified on the plan sheets.
- 72) General Conditions - 7 Months Included in this GMP remaining will be in GMP-003.
- a) 10 each pothole added from design phase services.
  - b) 7 each month of waste management service for the project yard.
  - c) 2 each Connex boxes for project staff to protect valuable material during construction.
  - d) 2 water meters for the project site water needs
  - e) Water and ice for the crews
  - f) Office and Yard rental for project materials, equipment, and personnel.
  - g) Project utilities for site internet service, power, waste, water, etc.
  - h) Project Sanitation portable restrooms, handwashing station, and disinfection supplies.
  - i) Temporary fence rental for project security.
  - j) Senior Project Manager – Josh Onstott 53%Time
  - k) Assistant Project Manager – Amit Satre, P.E. Full Time
  - l) Project Superintendent – Jared Freeman ½ Time
  - m) Field Superintendent – Rod Reeder Full Time
  - n) Field Engineer – 512 Hours during the intersection to assist with daily activities, inspection, and project deliverables.
  - o) Field Communication – Radios, Cellular Devices, Tables, and Procore for the project.
  - p) First Aid – Service based kits inspected monthly and stocked for project site personnel.
  - q) ST&S, Safety Supplies, Training, Fall Protection, and small tools – Per Direct Labor Manhours.
  - r) Job Office Expense – Printer, ink, paper, supplies, labor posters, and consumables.

**CM@RISK GMP SUMMARY (PAGE 2 of 2)**

Project Name: Chandler Blvd and Dobson Waterline Replacement  
 Project Location: Chandler Blvd and Dobson Intersection to Chippewa On Chandler Blvd  
 City of Chandler Project No.: WW2005.403

Date: 4/26/2023

		Amount
<b>A. Cost of Work</b>		
A1 Cost of Work (self perform, no mark-up)		\$2,191,749.90
A2 Cost of Work (subcontractors, suppliers, materialmen)		\$1,968,479.81
<b>TOTAL COST OF WORK:</b>		<b>\$4,160,229.71</b>
<b>B. General Conditions</b>		
		<b>\$670,218.99</b>
<b>SUBTOTAL 1 (Cost of Work) (A + B):</b>		<b>\$4,830,448.70</b>
<b>C. CM@Risk's Fee</b>		
		<b>\$410,588.14</b>
<b>SUBTOTAL 2 (A + B + C):</b>		<b>\$5,241,036.84</b>
<b>D. Bonds and Insurance (on Subtotal 1)</b>		
D1 Bonds (Payment and Performance)		\$48,304.49
D2 Insurance		\$53,134.94
<b>TOTAL BONDS &amp; INSURANCE:</b>		<b>\$101,439.42</b>
<b>SUBTOTAL 3 (SUBTOTAL 2 + BONDS &amp; INS):</b>		<b>\$5,342,476.26</b>
<b>E. Sales Tax</b>		
E1 Sales Tax		\$258,041.60
E2 Tax Credits		-\$51,569.77
<b>TOTAL SALES TAX:</b>		<b>\$206,471.83</b>
<b>F. Approved Allowances</b>		
F1 Traffic Control		\$585,922.68
F2 Police Officer		\$270,567.92
F3 Quality Control Testing		\$62,909.35
F4 Construction Water		\$28,857.50
F5 Crack Seal		\$40,400.50
F6 Paver Allowance		\$9,234.40
F7 Public Outreach		\$28,900.00
F8 Survey		\$57,800.00
F9 Landscape (Will be in GMP-003)		\$0.00
<b>TOTAL ALLOWANCES:</b>		<b>\$1,084,592.35</b>
<b>G. Contingencies</b>		
G1 Owner Contingency		\$500,000.00
G2 Contractors Contingency		\$285,881.94
<b>TOTAL CONTINGENCIES:</b>		<b>\$785,881.94</b>
<b>H. Material Early Procurement Credit</b>		
		<b>-\$216,525.00</b>
<b>TOTAL GMP PROPOSAL:</b>		<b>\$7,202,897.39</b>

Establishment of Values:

- Cost of Work (A) and Allowances (F) to be submitted with GMP Proposal.
- General Conditions Cost (B) to be established in Baseline Cost Model.
- CM@Risk Fee as set forth in Section 3.7.3 of this Contract

**Exhibit D4: List of GMP-002 Documents**  
CHANDLER AND DOBSON WATERMAIN REPLACEMENT  
COC Project Number: WW2005.403  
GMP-002 Design  
(04/26/2023)

**DOCUMENTS:**

- CITY OF CHANDLER, ARIZONA – CHANDLER BOULEVARD DOBSON ROAD TO CHIPPEWA PLACE WATER MAIN IMPROVEMENT, CITY PROJECT NO. WW2005.403, DATE: FEBRUARY 2023
- CITY OF CHANDLER, ARIZONA – CHANDLER BOULEVARD DOBSON ROAD TO CHIPPEWA PLACE WATER MAIN IMPROVEMENT, CITY PROJECT NO. WW2005.403, DATE: FEBRUARY 7, 2023, TECHNICAL SPECIFICATIONS
- WW2005.252 – CHANDLER BOULEVARD AND DOBSON ROAD SEWER AND WATER IMPROVMENTS – PRECONSTRUCTION CONTRACT
- SAECO – DIBBLE ENGINEERING – ISSUED - GEOTECHNICAL STUDY – CHANDLER BOULEVARD WATER MAIN IMPROVMENTS DOBSON TO CHIPPEWA PLACE, CHANDLER, ARIZONA
- UTILITY POTHOLE DATA – SSC UNDERGROUND
- GIS / GPS DATA DELIVERY REQUIRMENT, CITY OF CHANDLER





A-AA1-T ITEM No.	B DESCRIPTION OF WORK	QTY	Unit of Measure	Unit Price	C SCHEDULED VALUE	90% Cost Model						Explanation of Cost Change
						Units	UOM	Unit Price	Total Cost	Qty Difference	Difference Between Cost Models	
	<u>WW2005.403</u>											
1	Mobilization & Demobilization	1.00	LS	177,651.20	177,651.20	1.00	LS	153,653.50	153,653.50	0.00	(23997.70)	Increased sure to mobe on final asphalt quote
2	SWPPP	10.00	MO	21,758.95	217,589.50	10.00	MO	22,489.00	224,890.00	0.00	7300.50	Removed water truck from maintenance crew and finalized swppp quote
3	Survey	0.00	AL	0.00	0.00	1.00	LS	45,000.00	45,000.00	(1.00)	45000.00	Move to Allowance
4	Public Outreach	0.00	AL	0.00	0.00	1.00	AL	25,000.00	25,000.00	(1.00)	25000.00	Move to Allowance
5	Remove And Replace Disturbed Pavement Markings In Kind	0.00	LS	0.00	0.00	1.00	LS	32,452.00	32,452.00	(1.00)	32452.00	This will be incuded in GMP-003
6	Fog Seal Roadway	0.00	SY	0.00	0.00	31,426.00	SY	1.62	50,910.12	(31426.00)	50910.12	This will be included in GMP-003
7	Place And Fine Grade ABC Prior To Pavement	3,345.00	SY	15.21	50,877.45	5,071.00	SY	15.21	77,129.91	(1726.00)	26252.46	Reduced quantity from pages W13-W18 and will add the remaining GMP-003
8	Remove And Replace Curb And Gutter MAG Standard Detail 230	2,830.00	LF	42.94	121,520.20	3,579.00	LF	43.53	155,793.87	(749.00)	34273.67	Reduced quantity from pages W13-W18 and will add the remaining GMP-003
9	Remove And Replace Sidewalk MAG Standard Detail 230	3,236.00	SF	35.30	114,230.80	4,225.00	SF	35.29	149,100.25	(989.00)	34869.45	Reduced quantity from pages W13-W18 and will add the remaining GMP-003
10	Sawcut, Remove, And Replace Pavement MAG Standard Detail 200-1 & 200-2	3,345.00	SY	111.85	374,138.25	5,071.00	SY	120.15	609,280.65	(1726.00)	235142.40	Reduced quantity from pages W13-W18 and will add the remaining GMP-003
11	Remove And Replace Sidewalk Ramp In Kind - Identified In Potholing	0.00	EACH	0.00	0.00	1.00	EACH	8,209.50	8,209.50	(1.00)	8209.50	This will be incuded in GMP-003
12	Remove & Replace Median	0.00	LF	0.00	0.00	71.00	LF	545.64	38,740.44	(71.00)	38740.44	This will be included in GMP-003
13	Remove And Replace Valley Gutter & Apron Standard Detail 240	1,232.00	SF	68.53	84,428.96	1,472.00	SF	67.54	99,418.88	(240.00)	14989.92	Reduced quantity from pages W13-W18 and will add the remaining GMP-003
14	Replace Concrete Bus Bay COC Standard	729.00	SF	71.54	52,152.66	964.00	SF	70.44	67,904.16	(235.00)	15751.50	Reduced quantity from pages W13-W18 and will add the remaining GMP-003
15	Abandon In Place 12-inch ACP Watermain W/Grout MAG Std Spec 350	753.00	LF	36.85	27,748.05	3,704.00	LF	30.53	113,083.12	(2951.00)	85335.07	Reduced quantity from pages W13-W18 and will add the remaining GMP-003
16	Abandon In Place 12-Inch CIP Watermain W/Grout MAG Std Spec 350	4,205.00	LF	29.69	124,846.45	4,205.00	LF	29.69	124,846.45	0.00	0.00	
17	Abandon In Place 8-inch ACP Watermain W/Grout MAG Std Spec 350	94.00	LF	58.18	5,468.92	160.00	LF	67.45	10,792.00	(66.00)	5323.08	Reduced quantity from pages W13-W18 and will add the remaining GMP-003
18	Abandon In Place 8-inch CIP Watermain W/Grout MAG Std Spec 350	43.00	LF	73.47	3,159.21	43.00	LF	73.47	3,159.21	0.00	0.00	
19	Abandon In Place 6-Inch ACP Watermain W/Grout MAG Std Spec 350	126.00	LF	58.46	7,365.96	215.00	LF	60.94	13,102.10	(89.00)	5736.14	Reduced quantity from pages W13-W18 and will add the remaining GMP-003
20	Abandon 12-Inch Gate Valve In Closed Position MAG Std Det 350	11.00	EACH	901.94	9,921.34	14.00	EACH	891.04	12,474.56	(3.00)	2553.22	Reduced quantity from pages W13-W18 and will add the remaining GMP-003
21	Abandon 8-Inch Gate Valve In Closed Position Standard Detail 350	8.00	EACH	906.03	7,248.24	16.00	EACH	891.04	14,256.64	(8.00)	7008.40	Reduced quantity from pages W13-W18 and will add the remaining GMP-003
22	Abandon 6-inch Gate Valve In Closed Position MAG Standard Detail 350	14.00	EACH	882.46	12,354.44	18.00	EACH	891.04	16,038.72	(4.00)	3684.28	Reduced quantity from pages W13-W18 and will add the remaining GMP-003
23	Abandon In Place Water Service Line	190.00	LF	11.69	2,221.10	341.00	LF	13.02	4,439.82	(151.00)	2218.72	Reduced quantity from pages W13-W18 and will add the remaining GMP-003
24	Remove Existing Water Meter Box & Salvage Meter To City	17.00	EACH	920.03	15,640.51	19.00	EACH	920.04	17,480.76	(2.00)	1840.25	Reduced quantity from pages W13-W18 and will add the remaining GMP-003
25	Remove Existing Hydrant Assembly	11.00	EACH	1,542.49	16,967.39	13.00	EACH	1,540.20	20,022.60	(2.00)	3055.21	Reduced quantity from pages W13-W18 and will add the remaining GMP-003
26	Remove 12-inch CIP	127.00	LF	74.53	9,465.31	127.00	LF	74.53	9,465.31	0.00	0.00	
27	Remove 12-inch ACP	91.00	LF	88.41	8,045.31	91.00	LF	88.41	8,045.31	0.00	0.00	
28	Cut & Plug 6-inch Watermain	6.00	EACH	3,515.28	21,091.68	7.00	EACH	3,515.33	24,607.31	(1.00)	3515.63	Reduced quantity from pages W13-W18 and will add the remaining GMP-003
29	Cut & Plug 8-inch Watermain	5.00	EACH	3,528.13	17,640.65	13.00	EACH	3,528.18	45,866.34	(8.00)	28225.69	Reduced quantity from pages W13-W18 and will add the remaining GMP-003
30	Cut & Plug 12-inch Watermain	11.00	EACH	5,615.03	61,765.33	12.00	EACH	5,471.77	65,661.24	(1.00)	3895.91	Reduced quantity from pages W13-W18 and will add the remaining GMP-003
31	Remove 12-inch Gate Valve Backfill With 1/2 Sack CLSM	3.00	EACH	1,952.45	5,857.35	5.00	EACH	1,952.48	9,762.40	(2.00)	3905.05	Reduced quantity from pages W13-W18 and will add the remaining GMP-003
32	Remove 12-Inch Gate Valve And Cover	7.00	EACH	1,211.96	8,483.72	7.00	EACH	1,211.98	8,483.86	0.00	0.14	Rounding
33	Remove 8-inch Gate Vavle Backfill With 1/2 Sack CLSM	0.00	EACH	0.00	0.00	2.00	EACH	1,799.68	3,599.36	(2.00)	3599.36	Reduced quantity from pages W13-W18 and will add the remaining GMP-003
34	Remove 6-inch Gate Valve Backfill With 1/2 Sack CLSM	1.00	EACH	1,774.66	1,774.66	1.00	EACH	1,775.00	1,775.00	0.00	0.34	Rounding
35	Remove 24-inch SRP Irrigation Pipe	5.00	LF	482.38	2,411.90	5.00	LF	482.39	2,411.95	0.00	0.05	Rounding
36	Cut & Plug 24-inch Irrigation Pipe	2.00	EACH	1,109.33	2,218.66	2.00	EACH	1,109.34	2,218.68	0.00	0.02	Rounding
37	12-Inch Intersection Waterline Work	879.00	LF	869.99	764,721.21	879.00	LF	870.00	764,730.00	0.00	8.79	Rounding
38	12-Inch Class 350 DIP Watermain W/Polywrap, Valves, Fittings, Vertical/Horizontal Alignme	7,375.00	LF	74.38	548,552.50	7,375.00	LF	322.34	2,377,257.50	0.00	1828705.00	This only included the waterline materials for the project there is no equipment or labor included
39	8-inch Class 350 DIP Watermain With Polywrap, Fittings, And Valves	236.00	LF	540.32	127,515.52	448.00	LF	471.41	211,191.68	(212.00)	83676.16	Reduced quantity from pages W13-W18 and will add the remaining GMP-003
40	6-Inch Class 350 DIP Watermain W/Polywrap, Fittings, And Valves	321.00	LF	642.94	206,383.74	435.00	LF	539.57	234,712.95	(114.00)	28329.21	Reduced quantity from pages W13-W18 and will add the remaining GMP-003
41	4-inch Class 350 DIP Watermain W/PolyWrap	44.00	LF	441.01	19,404.44	44.00	LF	441.02	19,404.88	0.00	0.44	Rounding
42	Install 12-inch Perma Seal Valve	3.00	EACH	42,570.47	127,711.41	3.00	EACH	42,571.00	127,713.00	0.00	1.59	Rounding
43	Install 12-inch Inserta Valve Romac Industries Or Approved Equivalent	3.00	EACH	30,661.44	91,984.32	3.00	EACH	30,662.00	91,986.00	0.00	1.68	Rounding
44	12X12 Cut In Tee	1.00	EACH	19,116.61	19,116.61	1.00	EACH	19,117.00	19,117.00	0.00	0.39	Rounding
45	Install 16-inch Gate Valve	1.00	EACH	16,116.99	16,116.99	1.00	EACH	16,117.00	16,117.00	0.00	0.01	Rounding
46	Install 16 X 8 Tee	1.00	EACH	31,546.59	31,546.59	1.00	EACH	31,547.00	31,547.00	0.00	0.41	Rounding
47	Note 29 Thrust Block Installation @ Intersection	4.00	EACH	4,673.41	18,693.64	4.00	EACH	4,673.50	18,694.00	0.00	0.36	Rounding
48	Thrust Block On Chandler Blvd	8.00	EACH	2,089.01	16,712.08	8.00	EACH	2,089.00	16,712.00	0.00	(0.08)	Rounding
49	Concrete Encasement	39.00	LF	301.62	11,763.18	39.00	LF	301.63	11,763.57	0.00	0.39	Rounding
50	Connect To Existing 12-inch Watermain ACP To DIP Transition Coupling	5.00	EACH	11,022.21	55,111.05	5.00	EACH	11,022.35	55,111.75	0.00	0.70	Rounding
51	Connect To Existing 12-inch Watermain	6.00	EACH	10,328.17	61,969.02	6.00	EACH	10,328.30	61,969.80	0.00	0.78	Rounding
52	Connect To Existing 8-inch ACP Water Main To DIP Coupling	0.00	EACH	0.00	0.00	3.00	EACH	9,539.00	28,617.00	(3.00)	28617.00	Reduced quantity from pages W13-W18 and will add the remaining GMP-003
53	Connect To Existing 8-inch PVC Watermain To DIP Transition Coupling	2.00	EACH	7,584.18	15,168.36	2.00	EACH	7,584.00	15,168.00	0.00	(0.36)	Rounding
54	Connect To Existing 6" ACP Watermain ACP To DIP Coupling	4.00	EACH	6,720.69	26,882.76	4.00	EACH	6,721.00	26,884.00	0.00	1.24	Rounding
55	Connect To Existing 6-inch Watermain Not ACP	1.00	EACH	6,194.65	6,194.65	1.00	EACH	6,195.00	6,195.00	0.00	0.35	Rounding
56	Connect To Existing 4" DIP Main	2.00	EACH	5,659.87	11,319.74	2.00	EACH	5,660.00	11,320.00	0.00	0.26	Rounding
57	Fire Hydrant Assembly COC Standard Detail C-303 & C-305	11.00	EACH	8,308.48	91,393.28	13.00	EACH	7,768.00	100,984.00	(2.00)	9590.72	Reduced quantity from pages W13-W18 and will add the remaining GMP-003
58	4-inch Bollard Type 1 COC Standard Detail C-105 & Mag Standard Detail 140	4.00	EACH	543.84	2,175.36	4.00	EACH	544.00	2,176.00	0.00	0.64	Rounding
59	1" Type K Soft Copper Service Line COC Standard Detail C-301	115.00	LF	162.93	18,736.95	177.00	LF	140.50	24,868.50	(62.00)	6131.55	Reduced quantity from pages W13-W18 and will add the remaining GMP-003
60	1.5" Copper Service Line COC Standard Detail C-301	237.00	LF	163.83	38,827.71	358.00	LF	127.69	45,713.02	(121.00)	6885.31	Reduced quantity from pages W13-W18 and will add the remaining GMP-003
61	2" Rigid Copper Service Line COC Standard Detail C-301	81.00	LF	201.30	16,305.30	146.00	LF	142.23	20,765.58	(65.00)	4460.28	Reduced quantity from pages W13-W18 and will add the remaining GMP-003
62	Locate & Connect Existing Services	17.00	EACH	1,334.01	22,678.17	25.00	EACH	1,334.03	33,350.75	(8.00)	10672.58	Reduced quantity from pages W13-W18 and will add the remaining GMP-003
63	1" Backflow Preventer & Enclosure COC Standard Detail C-311	3.00	EACH	8,910.90	26,732.70	3.00	EACH	8,911.00	26,733.00	0.00	0.30	Rounding
64	1.5" Backflow Preventer & Enclosure COC Standard Detail C-311	3.00	EACH	9,376.52	28,129.56	3.00	EACH	9,377.00	28,131.00	0.00	1.44	Rounding
65	2" Backflow Preventer & Enclosure COC Standard Detail C-302	1.00	EACH	11,720.11	11,720.11	1.00	EACH	11,720.00	11,720.00	0.00	(0.11)	Rounding
66	4-inch Backflow Preventer COC Standard Detail C-315	1.00	EACH	21,684.03	21,684.03	1.00	EACH	21,684.00	21,684.00	0.00	(0.03)	Rounding
67	6" Backflow Preventer And Enclosure COC Standard Detail C-315	2.00	EACH	31,731.44	63,462.88	2.00	EACH	31,732.00	63,464.00	0.00	1.12	Rounding



ITEM No.	B				90% Cost Model							
	DESCRIPTION OF WORK	QTY	Unit of Measure	Unit Price	SCHEDULED VALUE	Units	UOM	Unit Price	Total Cost	Qty Difference	Difference Between Cost Models	Explanation of Cost Change
68	Water Meter Box	17.00	EACH	597.46	10,156.82	20.00	EACH	597.50	11,950.00	(3.00)	1793.18	Reduced quantity from pages W13-W18 and will add the remaining GMP-003
69	2" Combo Air Relief Valve	1.00	EACH	14,113.15	14,113.15	1.00	EACH	14,113.00	14,113.00	0.00	(0.15)	Rounding
70	Temporary Waterline Installation And Removal	2.00	EACH	20,135.91	40,271.82	2.00	EACH	20,136.00	40,272.00	0.00	0.18	
71	SRP Engineered Supports	2.00	EACH	6,344.43	12,688.86	2.00	EACH	6,345.00	12,690.00	0.00	1.14	Rounding
					\$ 4,160,229.71				\$ -		\$ 2,713,673.29	
	General Conditions											
72	General Conditions	7	MO	\$ 95,745.57	\$ 670,218.99	10	MO	\$ 94,015.00	\$ 940,150.00		\$ 269,931.01	Reduced item in GC the remain will be in GMP-003
	Subtotal with General Conditions				\$ 4,830,448.70							
	8.5% Markup				\$ 410,588.14							
	Total with OH&P				\$ 5,241,036.84							
	Insurand and Bond on Subtotal of CMAR Direct Work + Overhead & Profit											
	Insurance Cost (1.1%)				\$ 53,134.94							
	Bond Cost (1%)				\$ 48,304.49							
	Subtotal Bond and Insurance				\$ 101,439.42							
	Subtotal Bond and Insurance+ CMAR Direct Work + Overhead & Profit				\$ 5,342,476.26							
	Sales Tax (4.83%)											
	Sales Tax (4.83%) (Includes Cost of Insurance and Bond * .0483)				\$ 258,041.60							
	Anticipated Material Tax Credit				\$ (51,569.77)							
	Combined Total with Insurance, Bonds, & Tax				\$ 5,600,517.87							
	ALLOWANCE											
F1	Traffic Control Allowance	1	AL	\$ 585,922.68	\$ 585,922.68							
F2	Police Officer	1	AL	\$ 270,567.92	\$ 270,567.92							
F3	Quality Control Testing	1	AL	\$ 62,909.35	\$ 62,909.35							
F4	Construction Water	1	AL	\$ 28,857.50	\$ 28,857.50							
F5	Crack Seal	1	AL	\$ 40,400.50	\$ 40,400.50							
F6	Paver Allowance	1	AL	\$ 9,234.40	\$ 9,234.40							
F7	Public Outreach	1	AL	\$ 28,900.00	\$ 28,900.00							
F8	Survey	1	AL	\$ 57,800.00	\$ 57,800.00							
F9	Landscape (Allowance will be GMP-003)	1	AL	\$ -	\$ -							
	Subtotal with Allowances			\$ 1,084,592.35	\$ 6,633,540.45							
500	Contractors Contingency	1	AL	\$ 285,881.94	\$ 285,881.94							
510	Owner's Contingency	1	AL	\$ 500,000.00	\$ 500,000.00							
	Subtotal of Contingency			\$ 785,881.94	\$ 7,419,422.39							
	ORIGINAL CONTRACT TOTALS				\$ 7,419,422.39							



# Proposal

Corporate: 11011 N. 23rd Ave. Phoenix, AZ 85029

Office: 623-582-1170|Fax: 623-582-3761

Tucson: 1904 W. Prince Rd. Tucson, AZ 85705

Office: 520-207-8228|Fax: 520-305-3323

AZ Licenses: ROC-089744 A General Contracting
































ROC-111282 B-04 General Engineering









































## Cost Detail

<b>Project Name:</b>	Chandler Dobson Water Install Project	<b>Customer:</b>	City of Chandler
<b>Job Number:</b>	W22351	<b>Bid Number:</b>	W22351
<b>Bid As:</b>	B&F Contracting, Inc.	<b>Billing Address:</b>	Mail Stop 407, P.O. Box 4008 Chandler, AZ 85244 USA
<b>Estimator:</b>	Joshua Onstott	<b>Phone:</b>	4807823310
<b>Project Address:</b>	Chandler Blvd/ Dobson Rd, Chandler, AZ	<b>Contact:</b>	Melanie Sikes
<b>Completion Date:</b>	8/1/2024		















































## Pay Items














































Description	Quantity	UM	Man Hours	Man Hours per Unit	Unit Direct Cost	Total Direct Cost
<b>D 1 - Mobilization</b>	<b>1.00</b>	<b>LS</b>	<b>866.67</b>	<b>866.67</b>	<b>\$177,653.56</b>	<b>\$177,653.56</b>
Asphalt Mobilization (P1 Paving & Construction)	16.00	EACH			\$1,500.00	\$24,000.00
B&F Onsite Mobilization	50.00	TRIP	266.67	5.33	\$879.06	\$43,952.80
GC-Mobilization Crew (1.50 TRIP/DY, 33.33 DY)	50.00	TRIP	266.67	5.33	\$879.06	\$43,952.80
Grade And Plate Yard And Removal	2.00	DY	80.00	40.00	\$12,047.88	\$24,095.76
GC-Site/Yard Setup & Takedown Crew (1.00 DY/DY, 2.00 DY)	2.00	DY	80.00	40.00	\$2,972.88	\$5,945.76
Aggregate - ABC Non Spec	825.00	TON			\$22.00	\$18,150.00
Fence Setup And Screen Install (0.33 LS/DY, 3.00 DY)	1.00	LS	120.00	120.00	\$10,960.80	\$10,960.80
Fence Screen	1.00	LS			\$1,250.00	\$1,250.00
Unload And Store Materials	10.00	DY	400.00	40.00	\$3,705.92	\$37,059.20
GC-Unload & String Pipe Crew (1.00 DY/DY, 10.00 DY)	10.00	DY	400.00	40.00	\$3,705.92	\$37,059.20
Project Signage	1.00	LS			\$2,000.00	\$2,000.00
Cold Mix	300.00	TON			\$45.45	\$13,635.00
Office Power, Internet, And Equipping	1.00	LS			\$20,700.00	\$20,700.00
<b>D 2 - SWPPP</b>	<b>10.00</b>	<b>MO</b>	<b>1,120.00</b>	<b>112.00</b>	<b>\$21,759.24</b>	<b>\$217,592.40</b>
SWPP Inspections (Argus Construction Services)	25.00	UNIT			\$160.00	\$4,000.00
SWPP Maintenance Site Clean Up (1.00 MO/DY, 10.00 DY)	10.00	MO	240.00	24.00	\$2,198.08	\$21,980.80
Buy / Replace SWPPP Material	1.00	LS			\$12,500.00	\$12,500.00
Sweeper	10.00	MO			\$4,000.00	\$40,000.00
Water Support	10.00	MO	880.00	88.00	\$10,311.84	\$103,118.40
Wash Out	10.00	EACH			\$350.00	\$3,500.00
SWPPP Dust Control Inspection (Argus Construction Services)	25.00	EACH			\$35.00	\$875.00
Dust Sign (Argus Construction Services)	1.00	EACH			\$325.00	\$325.00
Install And Remove SWPPP Sign	1.00	LS			\$1,250.00	\$1,250.00
<b>D 7 - Place And Fine Grade ABC Prior To Pavement</b>	<b>3,345.00</b>	<b>SY</b>	<b>569.92</b>	<b>0.17</b>	<b>\$15.21</b>	<b>\$50,892.23</b>
Fine Grade Trench	3,345.00	SY	569.92	0.17	\$15.21	\$50,892.23










































Description		Quantity	UM	Man Hours	Man Hours per Unit	Unit Direct Cost	Total Direct Cost
<i>(Item 7 - Place And Fine Grade ABC Prior To Pavement continued)</i>							
	Subgrade Preparation (281.72 SY/DY, 11.87 DY)	3,345.00	SY	569.92	0.17	\$15.21	\$50,892.23
<b>D</b>	<b>8 - Remove And Replace Curb And Gutter MAG Standard Detail 230</b>	<b>2,830.00</b>	<b>LF</b>	<b>1,141.60</b>	<b>0.40</b>	<b>\$42.94</b>	<b>\$121,509.31</b>
	Curb And Gutter Remove & Replacement	2,830.00	LF	1,141.60	0.40	\$42.94	\$121,509.31
	CP-Concrete Demo Curb & Gutter Crew (750.00 LF/DY, 3.77 DY)	2,830.00	LF	181.12	0.06	\$6.16	\$17,437.93
	CP-Concrete Curb & Gutter Crew (165.00 LF/DY, 17.15 DY)	2,830.00	LF	960.48	0.34	\$22.59	\$63,917.52
	Form, Cure, Stakes	1.00	LS			\$2,251.00	\$2,251.00
	Aggregate - ABC MAG Spec	124.30	TON			\$22.00	\$2,734.60
	Ready Mix Concrete - MAG B 2500	165.90	CY			\$172.50	\$28,617.75
	Trucking (8.53 DY, 0.54 Trucks, 41.47 LF/HR)	2,830.00	LF			\$1.75	\$4,950.51
	Dump Fee - Concrete	16.00	LOAD			\$100.00	\$1,600.00
<b>D</b>	<b>9 - Remove And Replace Sidewalk MAG Standard Detail 230</b>	<b>3,236.00</b>	<b>SF</b>	<b>1,266.83</b>	<b>0.39</b>	<b>\$35.30</b>	<b>\$114,227.46</b>
	Remove And Replace Concrete Sidewalk	3,236.00	SF	1,266.83	0.39	\$35.30	\$114,227.46
	CP-Concrete Demo Sidewalk Crew (650.00 SF/DY, 4.98 DY)	3,236.00	SF	159.31	0.05	\$5.20	\$16,825.61
	Subgrade Preparation (469.44 SY/DY, 6.89 DY)	3,236.00	SY	330.88	0.10	\$9.13	\$29,546.14
	CP-Concrete Sidewalk Crew (200.00 SF/DY, 16.18 DY)	3,236.00	SF	776.64	0.24	\$17.03	\$55,101.31
	Forms, Cure, Stakes	1.00	LS			\$3,830.00	\$3,830.00
	Aggregate - ABC MAG Spec	62.70	TON			\$22.00	\$1,379.40
	Ready Mix Concrete - MAG B 2500	42.00	CY			\$172.50	\$7,245.00
	Dump Fee - Concrete	3.00	LOAD			\$100.00	\$300.00
<b>D</b>	<b>10 - Sawcut, Remove, And Replace Pavement MAG Standard Detail 200-1 &amp; 200-2</b>	<b>3,345.00</b>	<b>SY</b>	<b>1,011.55</b>	<b>0.30</b>	<b>\$111.86</b>	<b>\$374,157.45</b>
	Remove Existing AC Trench Paving	3,345.00	SY	1,011.55	0.30	\$31.16	\$104,215.95
	CP-Sawcutting Large Crew (291.00 SY/DY, 11.49 DY)	3,345.00	SY	367.84	0.11	\$9.94	\$33,239.41
	CP-Asphalt Demo Crew (291.00 SY/DY, 11.49 DY)	3,345.00	SY	643.71	0.19	\$21.22	\$70,976.53
	Replace AC Trench Paving (P1 Paving & Construction)	3,345.00	SY			\$80.70	\$269,941.50
<b>D</b>	<b>13 - Remove And Replace Valley Gutter &amp; Apron Standard Detail 240</b>	<b>1,232.00</b>	<b>SF</b>	<b>888.96</b>	<b>0.72</b>	<b>\$68.53</b>	<b>\$84,424.10</b>
	Chandler Blvd	1,232.00	SF	888.96	0.72	\$68.53	\$84,424.10
	CP-Concrete Valley Gutter Crew (163.56 SF/DY, 7.53 DY)	1,232.00	SF	421.83	0.34	\$23.16	\$28,538.34
	CP-Concrete Demo Valley Gutter Crew (336.00 SF/DY, 3.67 DY)	1,232.00	SF	176.00	0.14	\$16.24	\$20,002.69
	CP-Sawcutting Small Crew (368.00 LF/DY, 3.35 DY)	1,232.00	LF	80.35	0.07	\$5.11	\$6,300.88
	Material Per Bid Item	1.00	LS			\$3,348.00	\$3,348.00
	Aggregate - ABC MAG Spec	60.50	TON			\$22.00	\$1,331.00
	Ready Mix Concrete - MAG A 3000	34.65	CY			\$175.50	\$6,081.08
	Subgrade Preparation (280.56 SY/DY, 4.39 DY)	1,232.00	SY	210.78	0.17	\$15.28	\$18,822.11
<b>D</b>	<b>14 - Replace Concrete Bus Bay COC Standard</b>	<b>729.00</b>	<b>SF</b>	<b>514.73</b>	<b>0.71</b>	<b>\$71.54</b>	<b>\$52,153.15</b>
	Chandler Blvd	234.00	SF	161.34	0.69	\$67.42	\$15,776.30
	CP-Concrete Valley Gutter Crew (163.56 SF/DY, 1.43 DY)	234.00	SF	80.12	0.34	\$23.16	\$5,420.28

Description		Quantity	UM	Man Hours	Man Hours per Unit	Unit Direct Cost	Total Direct Cost
<b>(Item 14 - Replace Concrete Bus Bay COC Standard continued)</b>							
 CP-Concrete Demo Valley Gutter Crew (336.00 SF/DY, 0.70 DY)		234.00	SF	33.43	0.14	\$16.24	\$3,799.21
 Subgrade Preparation (235.00 SY/DY, 1.00 DY)		234.00	SY	47.80	0.20	\$18.24	\$4,268.00
 Material Per Bid Item		1.00	LS			\$500.00	\$500.00
 Aggregate - ABC MAG Spec		14.30	TON			\$22.00	\$314.60
 Ready Mix Concrete - MAG A 3000		8.40	CY			\$175.50	\$1,474.20
 Chandler Blvd		229.00	SF	159.11	0.69	\$68.00	\$15,573.02
 CP-Concrete Valley Gutter Crew (163.57 SF/DY, 1.40 DY)		229.00	SF	78.40	0.34	\$23.16	\$5,304.14
 CP-Concrete Demo Valley Gutter Crew (336.00 SF/DY, 0.68 DY)		229.00	SF	32.71	0.14	\$16.24	\$3,718.03
 Subgrade Preparation (229.00 SY/DY, 1.00 DY)		229.00	SY	48.00	0.21	\$18.72	\$4,286.24
 Material Per Bid Item		1.00	LS			\$500.00	\$500.00
 Aggregate - ABC MAG Spec		13.20	TON			\$22.00	\$290.40
 Ready Mix Concrete - MAG A 3000		8.40	CY			\$175.50	\$1,474.20
 Trucking (2.00 DY, 1.12 Trucks, 45.56 SF/HR)		729.00	SF			\$3.33	\$2,425.23
 Dump Fee - Concrete		5.00	LOAD			\$100.00	\$500.00
 Chandler Blvd		265.00	SF	167.05	0.63	\$58.09	\$15,393.69
 CP-Concrete Valley Gutter Crew (163.57 SF/DY, 1.62 DY)		265.00	SF	90.73	0.34	\$23.16	\$6,137.98
 CP-Concrete Demo Valley Gutter Crew (500.00 SF/DY, 0.53 DY)		265.00	SF	25.44	0.10	\$10.91	\$2,891.30
 Subgrade Preparation (250.00 SY/DY, 1.06 DY)		265.00	SY	50.88	0.19	\$17.14	\$4,543.41
 Material Per Bid Item		1.00	LS			\$250.00	\$250.00
 Aggregate - ABC MAG Spec		4.40	TON			\$22.00	\$96.80
 Ready Mix Concrete - MAG A 3000		8.40	CY			\$175.50	\$1,474.20
 CP-Sawcutting Small Crew (642.67 LF/DY, 1.13 DY)		729.00	LF	27.22	0.04	\$2.93	\$2,134.91
 Eco Pan		1.00	LOAD			\$350.00	\$350.00
 <b>15 - Abandon In Place 12-inch ACP Watermain W/Grout MAG Std Spec 350</b>		<b>753.00</b>	<b>LF</b>	<b>204.28</b>	<b>0.27</b>	<b>\$36.85</b>	<b>\$27,745.72</b>
 Chandler Dobson Intersection Sta 100+00 To 102+00		325.00	LF	80.00	0.25	\$32.56	\$10,580.80
 Grouting Crew		1.00	EACH	16.00	16.00	\$1,034.48	\$1,034.48
 WL-Abandonment Crew (162.50 LF/DY, 2.00 DY)		325.00	LF	64.00	0.20	\$16.58	\$5,388.32
 Miscellaneous-Materials		1.00	LS			\$500.00	\$500.00
 Grout - Mix		10.50	TON			\$196.00	\$2,058.00
 Grout Pump		1.00	EACH			\$1,600.00	\$1,600.00
 Chandler Blvd Sta 28+00 To Sta 33+00		240.00	LF	63.26	0.26	\$35.64	\$8,554.15
 Chandler Dobson Intersection Sta 100+00 To 102+00		240.00	LF	63.26	0.26	\$35.64	\$8,554.15
 WL-Abandonment Crew (162.50 LF/DY, 1.48 DY)		240.00	LF	47.26	0.20	\$16.58	\$3,979.07
 Miscellaneous-Materials		1.00	LS			\$500.00	\$500.00
 Grout - Mix		7.35	TON			\$196.00	\$1,440.60
 Grout Pump		1.00	EACH			\$1,600.00	\$1,600.00
 Grout Crew		1.00	EACH	16.00	16.00	\$1,034.48	\$1,034.48
 Grouting Crew		1.00	EACH	16.00	16.00	\$1,034.48	\$1,034.48
 Chandler BLVD Sta 42+50 To Sta 47+50		8.00	LF	9.58	1.20	\$219.46	\$1,755.68
 WL-Abandonment Crew (162.50 LF/DY, 0.05 DY)		8.00	LF	1.58	0.20	\$16.58	\$132.64

















































































Description		Quantity	UM	Man Hours	Man Hours per Unit	Unit Direct Cost	Total Direct Cost
<b>(Item 15 - Abandon In Place 12-inch ACP Watermain W/Grout MAG Std Spec 350 continued)</b>							
 Miscellaneous-Materials		1.00	LS			\$100.00	\$100.00
 Grout - Mix		1.05	TON			\$196.00	\$205.80
 Grout Pump		1.00	EACH			\$800.00	\$800.00
 Grout Crew		1.00	EACH	8.00	8.00	\$517.24	\$517.24
 Grouting Crew		1.00	EACH	8.00	8.00	\$517.24	\$517.24
 Chandler Blvd And Arrowhead Dr		180.00	LF	51.45	0.29	\$38.08	\$6,855.10
 WL-Abandonment Crew (162.50 LF/DY, 1.11 DY)		180.00	LF	35.45	0.20	\$16.58	\$2,984.30
 Miscellaneous-Materials		0.25	LS			\$500.00	\$125.00
 Grout - Mix		5.67	TON			\$196.00	\$1,111.32
 Grout Pump		1.00	EACH			\$1,600.00	\$1,600.00
 Grouting Crew		1.00	EACH	16.00	16.00	\$1,034.48	\$1,034.48
 <b>16 - Abandon In Place 12-Inch CIP Watermain W/Grout MAG Std Spec 350</b>		<b>4,205.00</b>	<b>LF</b>	<b>962.49</b>	<b>0.23</b>	<b>\$29.69</b>	<b>\$124,830.86</b>
 Chandler Blvd Sta 28+00 To Sta 33+00		283.00	LF	71.73	0.25	\$33.64	\$9,520.20
 Grouting Crew		1.00	EACH	16.00	16.00	\$1,034.48	\$1,034.48
 WL-Abandonment Crew (162.50 LF/DY, 1.74 DY)		283.00	LF	55.73	0.20	\$16.58	\$4,691.98
 Miscellaneous-Materials		1.00	LS			\$500.00	\$500.00
 Grout - Mix		8.64	TON			\$196.00	\$1,693.73
 Grout Pump		1.00	EACH			\$1,600.00	\$1,600.00
 Chandler Blvd Sta 33+00 To Sta 38+00		481.00	LF	110.72	0.23	\$29.09	\$13,990.39
 Miscellaneous-Materials		1.00	LS			\$500.00	\$500.00
 Grout - Mix		14.70	TON			\$196.00	\$2,881.20
 WL-Abandonment Crew (162.50 LF/DY, 2.96 DY)		481.00	LF	94.72	0.20	\$16.58	\$7,974.71
 Grout Pump		1.00	EACH			\$1,600.00	\$1,600.00
 Grouting Crew		1.00	EACH	16.00	16.00	\$1,034.48	\$1,034.48
 Chandler Blvd Sta 38+00 To Sta 42+50		450.00	LF	104.62	0.23	\$29.49	\$13,270.63
 Miscellaneous-Materials		1.00	LS			\$500.00	\$500.00
 Grout - Mix		13.65	TON			\$196.00	\$2,675.40
 WL-Abandonment Crew (162.50 LF/DY, 2.77 DY)		450.00	LF	88.62	0.20	\$16.58	\$7,460.75
 Grout Pump		1.00	EACH			\$1,600.00	\$1,600.00
 Grouting Crew		1.00	EACH	16.00	16.00	\$1,034.48	\$1,034.48
 Chandler Blvd Sta 42+50 To Sta 47+50		500.00	LF	114.46	0.23	\$29.02	\$14,511.20
 Miscellaneous-Materials		1.00	LS			\$500.00	\$500.00
 Grout - Mix		15.75	TON			\$196.00	\$3,087.00
 WL-Abandonment Crew (162.50 LF/DY, 3.08 DY)		500.00	LF	98.46	0.20	\$16.58	\$8,289.72
 Grout Pump		1.00	EACH			\$1,600.00	\$1,600.00
 Grouting Crew		1.00	EACH	16.00	16.00	\$1,034.48	\$1,034.48
 Chandler Blvd Sta 47+50 To Sta 52+50		500.00	LF	114.46	0.23	\$29.43	\$14,717.00
 Miscellaneous-Materials		1.00	LS			\$500.00	\$500.00
 Grout - Mix		16.80	TON			\$196.00	\$3,292.80
 WL-Abandonment Crew (162.50 LF/DY, 3.08 DY)		500.00	LF	98.46	0.20	\$16.58	\$8,289.72
 Grout Pump		1.00	EACH			\$1,600.00	\$1,600.00
 Grouting Crew		1.00	EACH	16.00	16.00	\$1,034.48	\$1,034.48
 Chandler Blvd Sta 52+50 To Sta 57+50		340.00	LF	82.95	0.24	\$31.85	\$10,829.49
 Miscellaneous-Materials		1.00	LS			\$500.00	\$500.00
 Grout - Mix		10.50	TON			\$196.00	\$2,058.00
 WL-Abandonment Crew (162.50 LF/DY, 2.09 DY)		340.00	LF	66.95	0.20	\$16.58	\$5,637.01










































Description		Quantity	UM	Man Hours	Man Hours per Unit	Unit Direct Cost	Total Direct Cost
<i>(Item 16 - Abandon In Place 12-Inch CIP Watermain W/Grout MAG Std Spec 350 continued)</i>							
 Grout Pump		1.00	EACH			\$1,600.00	\$1,600.00
 Grouting Crew		1.00	EACH	16.00	16.00	\$1,034.48	\$1,034.48
 Chandler Blvd Sta 57+50 To Sta 61+50		371.00	LF	63.49	0.17	\$25.33	\$9,396.41
 Miscellaneous-Materials		1.00	LS			\$500.00	\$500.00
 Grout - Mix		11.55	TON			\$196.00	\$2,263.80
 WL-Abandonment Crew (250.00 LF/DY, 1.48 DY)		371.00	LF	47.49	0.13	\$10.78	\$3,998.13
 Grout Pump		1.00	EACH			\$1,600.00	\$1,600.00
 Grouting Crew		1.00	EACH	16.00	16.00	\$1,034.48	\$1,034.48
 Chandler Blvd Sta 61+50 To Sta 66+50		500.00	LF	114.46	0.23	\$29.32	\$14,661.20
 Miscellaneous-Materials		1.00	LS			\$500.00	\$500.00
 Grout - Mix		15.75	TON			\$196.00	\$3,087.00
 Subcontracted-Concrete Pump Truck		1.00	DY			\$1,750.00	\$1,750.00
 WL-Abandonment Crew (162.50 LF/DY, 3.08 DY)		500.00	LF	98.46	0.20	\$16.58	\$8,289.72
 Grouting Crew		1.00	EACH	16.00	16.00	\$1,034.48	\$1,034.48
 Chandler Blvd Sta 66+50 To Sta 71+00		450.00	LF	104.62	0.23	\$29.49	\$13,270.63
 Miscellaneous-Materials		1.00	LS			\$500.00	\$500.00
 Grout - Mix		13.65	TON			\$196.00	\$2,675.40
 WL-Abandonment Crew (162.50 LF/DY, 2.77 DY)		450.00	LF	88.62	0.20	\$16.58	\$7,460.75
 Grout Pump		1.00	EACH			\$1,600.00	\$1,600.00
 Grouting Crew		1.00	EACH	16.00	16.00	\$1,034.48	\$1,034.48
 Chandler Blvd Sta 71+00 To Sta 76+00		330.00	LF	80.98	0.25	\$32.31	\$10,663.70
 Miscellaneous-Materials		1.00	LS			\$500.00	\$500.00
 Grout - Mix		10.50	TON			\$196.00	\$2,058.00
 WL-Abandonment Crew (162.50 LF/DY, 2.03 DY)		330.00	LF	64.98	0.20	\$16.58	\$5,471.22
 Grout Pump		1.00	EACH			\$1,600.00	\$1,600.00
 Grouting Crew		1.00	EACH	16.00	16.00	\$1,034.48	\$1,034.48
 <b>17 - Abandon In Place 8-inch ACP Watermain W/Grout MAG Std Spec 350</b>		<b>94.00</b>	<b>LF</b>	<b>29.00</b>	<b>0.31</b>	<b>\$58.18</b>	<b>\$5,469.32</b>
 Chandler Blvd Sta 28+00 To Sta 33+00		40.00	LF	15.88	0.40	\$77.74	\$3,109.42
 WL-Abandonment Crew (162.50 LF/DY, 0.25 DY)		40.00	LF	7.88	0.20	\$16.58	\$663.18
 Miscellaneous-Materials		1.00	LS			\$100.00	\$100.00
 Grout - Mix		5.25	TON			\$196.00	\$1,029.00
 Grout Pump		1.00	EACH			\$800.00	\$800.00
 Grouting Crew		1.00	EACH	8.00	8.00	\$517.24	\$517.24
 Chandler Blvd W2		20.00	LF	11.94	0.60	\$97.73	\$1,954.63
 WL-Abandonment Crew (162.50 LF/DY, 0.12 DY)		20.00	LF	3.94	0.20	\$16.58	\$331.59
 Miscellaneous-Materials		1.00	LS			\$100.00	\$100.00
 Grout - Mix		1.05	TON			\$196.00	\$205.80
 Grout Pump		1.00	EACH			\$800.00	\$800.00
 Grouting Crew		1.00	EACH	8.00	8.00	\$517.24	\$517.24
 Chandler Blvd W5		6.00	LF	1.18	0.20	\$67.55	\$405.28
 WL-Abandonment Crew (162.50 LF/DY, 0.04 DY)		6.00	LF	1.18	0.20	\$16.58	\$99.48
 Miscellaneous-Materials		1.00	LS			\$100.00	\$100.00
 Grout - Mix		1.05	TON			\$196.00	\$205.80
 <b>18 - Abandon In Place 8-inch CIP Watermain W/Grout MAG Std Spec 350</b>		<b>43.00</b>	<b>LF</b>	<b>16.47</b>	<b>0.38</b>	<b>\$73.47</b>	<b>\$3,159.16</b>
 Chandler Blvd W19 & W20		43.00	LF	16.47	0.38	\$73.47	\$3,159.16









































Description		Quantity	UM	Man Hours	Man Hours per Unit	Unit Direct Cost	Total Direct Cost
<b>(Item 18 - Abandon In Place 8-inch CIP Watermain W/Grout MAG Std Spec 350 continued)</b>							
	WL-Abandonment Crew (162.50 LF/DY, 0.26 DY)	43.00	LF	8.47	0.20	\$16.58	\$712.92
	Miscellaneous-Materials	1.00	LS			\$100.00	\$100.00
	Grout - Mix	5.25	TON			\$196.00	\$1,029.00
	Grout Pump	1.00	EACH			\$800.00	\$800.00
	Grouting Crew	1.00	EACH	8.00	8.00	\$517.24	\$517.24
	<b>19 - Abandon In Place 6-Inch ACP Watermain W/Grout MAG Std Spec 350</b>	<b>126.00</b>	<b>LF</b>	<b>44.16</b>	<b>0.35</b>	<b>\$58.46</b>	<b>\$7,366.44</b>
	Chandler Blvd Sta 47.50 To Sta 52+50	35.00	LF	13.60	0.39	\$82.70	\$2,894.52
	WL-Abandonment Crew (200.00 LF/DY, 0.18 DY)	35.00	LF	5.60	0.16	\$13.47	\$471.48
	Miscellaneous-Materials	1.00	LS			\$100.00	\$100.00
	Grout - Mix	1.05	TON			\$196.00	\$205.80
	Grout Pump	1.00	EACH			\$1,600.00	\$1,600.00
	Grouting Crew	1.00	EACH	8.00	8.00	\$517.24	\$517.24
	Chandler Blvd Sta 66+50 To Sta 71+00	30.00	LF	12.80	0.43	\$67.57	\$2,027.16
	WL-Abandonment Crew (200.00 LF/DY, 0.15 DY)	30.00	LF	4.80	0.16	\$13.47	\$404.12
	Miscellaneous-Materials	1.00	LS			\$100.00	\$100.00
	Grout - Mix	1.05	TON			\$196.00	\$205.80
	Grout Pump	1.00	EACH			\$800.00	\$800.00
	Grouting Crew	1.00	EACH	8.00	8.00	\$517.24	\$517.24
	Chandler Blvd Sta 71+00 To Sta 76+00	61.00	LF	17.76	0.29	\$40.08	\$2,444.76
	WL-Abandonment Crew (200.00 LF/DY, 0.31 DY)	61.00	LF	9.76	0.16	\$13.47	\$821.72
	Miscellaneous-Materials	1.00	LS			\$100.00	\$100.00
	Grout - Mix	1.05	TON			\$196.00	\$205.80
	Grout Pump	1.00	EACH			\$800.00	\$800.00
	Grouting Crew	1.00	EACH	8.00	8.00	\$517.24	\$517.24
	<b>20 - Abandon 12-Inch Gate Valve In Closed Position MAG Std Det 350</b>	<b>11.00</b>	<b>EACH</b>	<b>88.00</b>	<b>8.00</b>	<b>\$901.95</b>	<b>\$9,921.48</b>
	Chandler Blvd Sta 42+50 To Sta 47+50	3.00	EACH	24.00	8.00	\$851.04	\$2,553.13
	Ready Mix - Slurry ABC Slurry 1/2 Sack	3.15	YARD			\$122.00	\$384.30
	SL-Plug Valve 12in Appurtenance Crew (5.00 EACH/DY, 0.60 DY)	3.00	EACH	24.00	8.00	\$722.94	\$2,168.83
	Chandler Blvd Sta 52+50 To Sta 57+50	2.00	EACH	16.00	8.00	\$851.04	\$1,702.09
	Ready Mix - Slurry ABC Slurry 1/2 Sack	2.10	YARD			\$122.00	\$256.20
	SL-Plug Valve 12in Appurtenance Crew (5.00 EACH/DY, 0.40 DY)	2.00	EACH	16.00	8.00	\$722.94	\$1,445.89
	Chandler Blvd Sta 66+50 To Sta 71+00	4.00	EACH	32.00	8.00	\$851.04	\$3,404.18
	SL-Plug Valve 12in Appurtenance Crew (5.00 EACH/DY, 0.80 DY)	4.00	EACH	32.00	8.00	\$722.94	\$2,891.78
	Ready Mix - Slurry ABC Slurry 1/2 Sack	4.20	YARD			\$122.00	\$512.40
	Chandler Blvd Sta 71+00 To Sta 76+00	1.00	EACH	8.00	8.00	\$851.04	\$851.04
	SL-Plug Valve 12in Appurtenance Crew (5.00 EACH/DY, 0.20 DY)	1.00	EACH	8.00	8.00	\$722.94	\$722.94
	Ready Mix - Slurry ABC Slurry 1/2 Sack	1.05	YARD			\$122.00	\$128.10
	Chandler Blvd Sta 28+00 To Sta 33+00	1.00	EACH	8.00	8.00	\$851.04	\$851.04
	SL-Plug Valve 12in Appurtenance Crew (5.00 EACH/DY, 0.20 DY)	1.00	EACH	8.00	8.00	\$722.94	\$722.94
	Ready Mix - Slurry ABC Slurry 1/2 Sack	1.05	YARD			\$122.00	\$128.10
	Concrete - Short Load Fee	2.80	EACH			\$200.00	\$560.00





























































Description		Quantity	UM	Man Hours	Man Hours per Unit	Unit Direct Cost	Total Direct Cost
<b>D</b>	<b>21 - Abandon 8-Inch Gate Valve In Closed Position Standard Detail 350</b>	<b>8.00</b>	<b>EACH</b>	<b>64.00</b>	<b>8.00</b>	<b>\$906.04</b>	<b>\$7,248.35</b>
	Chandler Blvd Sta 28+00 To Sta 33+00	1.00	EACH	8.00	8.00	\$722.94	\$722.94
	WL-Abandon Crew (5.00 EACH/DY, 0.20 DY)	1.00	EACH	8.00	8.00	\$722.94	\$722.94
	Chandler Blvd Sta 38+00 To Sta 42+50	2.00	EACH	16.00	8.00	\$722.94	\$1,445.89
	WL-Abandon Crew (5.00 EACH/DY, 0.40 DY)	2.00	EACH	16.00	8.00	\$722.94	\$1,445.89
	Chandler Bulv Sta 42+50 To Sta 47+50	2.00	EACH	16.00	8.00	\$722.94	\$1,445.89
	WL-Abandon Crew (5.00 EACH/DY, 0.40 DY)	2.00	EACH	16.00	8.00	\$722.94	\$1,445.89
	Chandler Blvd Sta 52+50 To Sta 57+50	3.00	EACH	24.00	8.00	\$722.94	\$2,168.83
	WL-Abandon Crew (5.00 EACH/DY, 0.60 DY)	3.00	EACH	24.00	8.00	\$722.94	\$2,168.83
	Ready Mix - Slurry ABC Slurry 1/2 Sack	8.40	YARD			\$122.00	\$1,024.80
	Concrete - Short Load Fee	2.20	EACH			\$200.00	\$440.00
<b>D</b>	<b>22 - Abandon 6-inch Gate Valve In Closed Position MAG Standard Detail 350</b>	<b>14.00</b>	<b>EACH</b>	<b>112.00</b>	<b>8.00</b>	<b>\$882.47</b>	<b>\$12,354.62</b>
	Chandler Blvd Sta 33+00 To Sta 38+00	1.00	EACH	8.00	8.00	\$722.94	\$722.94
	WL-Abandon Crew (5.00 EACH/DY, 0.20 DY)	1.00	EACH	8.00	8.00	\$722.94	\$722.94
	Chandler Blvd Sta 47+50 To Sta 52+50	3.00	EACH	24.00	8.00	\$722.94	\$2,168.83
	WL-Abandon Crew (5.00 EACH/DY, 0.60 DY)	3.00	EACH	24.00	8.00	\$722.94	\$2,168.83
	Chandler Blvd Sta 52+50 To Sta 57+50	3.00	EACH	24.00	8.00	\$722.94	\$2,168.83
	WL-Abandon Crew (5.00 EACH/DY, 0.60 DY)	3.00	EACH	24.00	8.00	\$722.94	\$2,168.83
	Chandler Blvd Sta 57+50 To Sta 61+50	1.00	EACH	8.00	8.00	\$722.94	\$722.94
	WL-Abandon Crew (5.00 EACH/DY, 0.20 DY)	1.00	EACH	8.00	8.00	\$722.94	\$722.94
	Chandler Blvd Sta 66+50 To Sta 71+00	2.00	EACH	16.00	8.00	\$722.94	\$1,445.89
	WL-Abandon Crew (5.00 EACH/DY, 0.40 DY)	2.00	EACH	16.00	8.00	\$722.94	\$1,445.89
	Chandler Blvd Sta 71+00 To Sta 76+00	3.00	EACH	24.00	8.00	\$722.94	\$2,168.83
	WL-Abandon Crew (5.00 EACH/DY, 0.60 DY)	3.00	EACH	24.00	8.00	\$722.94	\$2,168.83
	Chandler Blvd Sta 33+00 To Sta 38+00	1.00	EACH	8.00	8.00	\$722.94	\$722.94
	WL-Abandon Crew (5.00 EACH/DY, 0.20 DY)	1.00	EACH	8.00	8.00	\$722.94	\$722.94
	Ready Mix - Slurry ABC Slurry 1/2 Sack	14.70	YARD			\$122.00	\$1,793.40
	Concrete - Short Load Fee	2.20	EACH			\$200.00	\$440.00
<b>D</b>	<b>23 - Abandon In Place Water Service Line</b>	<b>190.00</b>	<b>LF</b>	<b>22.40</b>	<b>0.12</b>	<b>\$11.69</b>	<b>\$2,220.52</b>
	Chandler Blvd Sta 33+00 To Sta 38+00	104.00	LF	11.89	0.11	\$11.29	\$1,173.79
	WL-Service Repair Appurtenance Crew (350.00 LF/DY, 0.30 DY)	104.00	LF	11.89	0.11	\$10.59	\$1,101.19
	Aggregate - ABC MAG Spec	3.30	TON			\$22.00	\$72.60
	Chandler Blvd Sta 47+50 To Sta 52+50	43.00	LF	4.91	0.11	\$11.71	\$503.70
	WL-Service Repair Appurtenance Crew (350.00 LF/DY, 0.12 DY)	43.00	LF	4.91	0.11	\$10.59	\$455.30
	Aggregate - ABC MAG Spec	2.20	TON			\$22.00	\$48.40
	Chandler Blvd Sta 38+00 To Sta 42+50	49.00	LF	5.60	0.11	\$11.08	\$543.03
	WL-Service Repair Appurtenance Crew (350.00 LF/DY, 0.14 DY)	49.00	LF	5.60	0.11	\$10.59	\$518.83
	Aggregate - ABC MAG Spec	1.10	TON			\$22.00	\$24.20
<b>D</b>	<b>24 - Remove Existing Water Meter &amp; Salvage Meter To City</b>	<b>17.00</b>	<b>EACH</b>	<b>136.00</b>	<b>8.00</b>	<b>\$920.04</b>	<b>\$15,640.75</b>
	Chandler Blvd Sta 33+00 To Sta 38+00	3.00	EACH	24.00	8.00	\$785.04	\$2,355.13
	WL-Water Service Box & Cover Crew (5.00 EACH/DY, 0.60 DY)	3.00	EACH	24.00	8.00	\$722.94	\$2,168.83
	Material Per Bid Item	1.00	LS			\$150.00	\$150.00

Description		Quantity	UM	Man Hours	Man Hours per Unit	Unit Direct Cost	Total Direct Cost
<b>(Item 24 - Remove Existing Water Meter &amp; Salvage Meter To City continued)</b>							
	Aggregate - ABC MAG Spec	1.65	TON			\$22.00	\$36.30
	Chandler Blvd Sta 38+00 To Sta 42+50	2.00	EACH	16.00	8.00	\$785.04	\$1,570.09
	WL-Water Service Box & Cover Crew (5.00 EACH/DY, 0.40 DY)	2.00	EACH	16.00	8.00	\$722.94	\$1,445.89
	Material Per Bid Item	1.00	LS			\$100.00	\$100.00
	Aggregate - ABC MAG Spec	1.10	TON			\$22.00	\$24.20
	Chandler Blvd Sta 47+50 To Sta 52+50	3.00	EACH	24.00	8.00	\$785.04	\$2,355.13
	WL-Water Service Box & Cover Crew (5.00 EACH/DY, 0.60 DY)	3.00	EACH	24.00	8.00	\$722.94	\$2,168.83
	Material Per Bid Item	1.00	LS			\$150.00	\$150.00
	Aggregate - ABC MAG Spec	1.65	TON			\$22.00	\$36.30
	Chandler Blvd Sta 57+50 To Sta 61+50	3.00	EACH	24.00	8.00	\$785.04	\$2,355.13
	WL-Water Service Box & Cover Crew (5.00 EACH/DY, 0.60 DY)	3.00	EACH	24.00	8.00	\$722.94	\$2,168.83
	Material Per Bid Item	1.00	LS			\$150.00	\$150.00
	Aggregate - ABC MAG Spec	1.65	TON			\$22.00	\$36.30
	Chandler Blvd Sta 61+50 To Sta 66+50	3.00	EACH	24.00	8.00	\$785.04	\$2,355.13
	WL-Water Service Box & Cover Crew (5.00 EACH/DY, 0.60 DY)	3.00	EACH	24.00	8.00	\$722.94	\$2,168.83
	Material Per Bid Item	1.00	LS			\$150.00	\$150.00
	Aggregate - ABC MAG Spec	1.65	TON			\$22.00	\$36.30
	Chandler Blvd Sta 66+50 To Sta 71+00	1.00	EACH	8.00	8.00	\$785.04	\$785.04
	WL-Water Service Box & Cover Crew (5.00 EACH/DY, 0.20 DY)	1.00	EACH	8.00	8.00	\$722.94	\$722.94
	Material Per Bid Item	1.00	LS			\$50.00	\$50.00
	Aggregate - ABC MAG Spec	0.55	TON			\$22.00	\$12.10
	Chandler Blvd Sta 28+00 To Sta 33+00	1.00	EACH	8.00	8.00	\$785.04	\$785.04
	WL-Water Service Box & Cover Crew (5.00 EACH/DY, 0.20 DY)	1.00	EACH	8.00	8.00	\$722.94	\$722.94
	Material Per Bid Item	1.00	LS			\$50.00	\$50.00
	Aggregate - ABC MAG Spec	0.55	TON			\$22.00	\$12.10
	Chandler Blvd Sta 57+50 To Sta 62+00	1.00	EACH	8.00	8.00	\$785.04	\$785.04
	WL-Water Service Box & Cover Crew (5.00 EACH/DY, 0.20 DY)	1.00	EACH	8.00	8.00	\$722.94	\$722.94
	Material Per Bid Item	1.00	LS			\$50.00	\$50.00
	Aggregate - ABC MAG Spec	0.55	TON			\$22.00	\$12.10
	Trucking (1.00 DY, 2.13 Trucks, 2.13 EACH/HR)	17.00	EACH			\$135.00	\$2,295.00
	<b>25 - Remove Existing Hydrant Assembly</b>	<b>11.00</b>	<b>EACH</b>	<b>146.67</b>	<b>13.33</b>	<b>\$1,542.51</b>	<b>\$16,967.57</b>
	Chandler Blvd Sta 33+00 To Sta 38+00	1.00	EACH	13.33	13.33	\$1,402.51	\$1,402.51
	WL-Fire Hydrant Relocate Appurtenance Crew (3.00 EACH/DY, 0.33 DY)	1.00	EACH	13.33	13.33	\$1,204.91	\$1,204.91
	Material Per Bid Item	1.00	LS			\$125.00	\$125.00
	Aggregate - ABC MAG Spec	3.30	TON			\$22.00	\$72.60
	Chandler Blvd Sta 47+50 To Sta 52+50	2.00	EACH	26.67	13.33	\$1,527.51	\$3,055.01
	WL-Fire Hydrant Relocate Appurtenance Crew (3.00 EACH/DY, 0.67 DY)	2.00	EACH	26.67	13.33	\$1,204.91	\$2,409.81
	Material Per Bid Item	2.00	LS			\$250.00	\$500.00
	Aggregate - ABC MAG Spec	6.60	TON			\$22.00	\$145.20
	Chandler Blvd Sts 52+50 To Sta 57+50	2.00	EACH	26.67	13.33	\$1,527.51	\$3,055.01


































Description		Quantity	UM	Man Hours	Man Hours per Unit	Unit Direct Cost	Total Direct Cost
<b>(Item 25 - Remove Existing Hydrant Assembly continued)</b>							
 WL-Fire Hydrant Relocate Appurtenance Crew (3.00 EACH/DY, 0.67 DY)		2.00	EACH	26.67	13.33	\$1,204.91	\$2,409.81
 Material Per Bid Item		2.00	LS			\$250.00	\$500.00
 Aggregate - ABC MAG Spec		6.60	TON			\$22.00	\$145.20
 Chandler Blvd Sta 57+50 To Sta 61+50		1.00	EACH	13.33	13.33	\$1,402.51	\$1,402.51
 WL-Fire Hydrant Relocate Appurtenance Crew (3.00 EACH/DY, 0.33 DY)		1.00	EACH	13.33	13.33	\$1,204.91	\$1,204.91
 Material Per Bid Item		1.00	LS			\$125.00	\$125.00
 Aggregate - ABC MAG Spec		3.30	TON			\$22.00	\$72.60
 Chandler Blvd Sta 66+50 To Sta 71+00		1.00	EACH	13.33	13.33	\$1,652.51	\$1,652.51
 WL-Fire Hydrant Relocate Appurtenance Crew (3.00 EACH/DY, 0.33 DY)		1.00	EACH	13.33	13.33	\$1,204.91	\$1,204.91
 Material Per Bid Item		1.00	LS			\$125.00	\$125.00
 Aggregate - ABC MAG Spec		3.30	TON			\$22.00	\$72.60
 Chandler Blvd Sta 71+ 00 To Sta 76+00		2.00	EACH	26.67	13.33	\$1,527.51	\$3,055.01
 WL-Fire Hydrant Relocate Appurtenance Crew (3.00 EACH/DY, 0.67 DY)		2.00	EACH	26.67	13.33	\$1,204.91	\$2,409.81
 Material Per Bid Item		2.00	LS			\$250.00	\$500.00
 Aggregate - ABC MAG Spec		6.60	TON			\$22.00	\$145.20
 Chandler Sta 33+00 To Sta 38+00		1.00	EACH	13.33	13.33	\$1,402.51	\$1,402.51
 WL-Fire Hydrant Relocate Appurtenance Crew (3.00 EACH/DY, 0.33 DY)		1.00	EACH	13.33	13.33	\$1,204.91	\$1,204.91
 Material Per Bid Item		1.00	LS			\$125.00	\$125.00
 Aggregate - ABC MAG Spec		3.30	TON			\$22.00	\$72.60
 Chandler Blvd Sta 57+50 To Sta 62+00		1.00	EACH	13.33	13.33	\$1,402.51	\$1,402.51
 WL-Fire Hydrant Relocate Appurtenance Crew (3.00 EACH/DY, 0.33 DY)		1.00	EACH	13.33	13.33	\$1,204.91	\$1,204.91
 Material Per Bid Item		1.00	LS			\$125.00	\$125.00
 Aggregate - ABC MAG Spec		3.30	TON			\$22.00	\$72.60
 Trucking (1.00 DY, 0.50 Trucks, 0.25 EACH/HR)		2.00	EACH			\$270.00	\$540.00
 <b>26 - Remove 12-inch CIP</b>		<b>127.00</b>	<b>LF</b>	<b>81.28</b>	<b>0.64</b>	<b>\$74.53</b>	<b>\$9,465.41</b>
 Remove And Replace 12-Inch CIP		127.00	LF	81.28	0.64	\$72.17	\$9,165.41
 WL- Waterline Crew (100.00 LF/DY, 1.27 DY)		127.00	LF	81.28	0.64	\$66.66	\$8,465.41
 Metal Dump Fee		1.00	LS			\$300.00	\$300.00
 <b>27 - Remove 12-inch ACP</b>		<b>91.00</b>	<b>LF</b>	<b>58.24</b>	<b>0.64</b>	<b>\$88.41</b>	<b>\$8,044.99</b>
 Remove And Replace 12-Inch ACP		91.00	LF	58.24	0.64	\$71.92	\$6,544.99
 WL- Waterline Crew (100.00 LF/DY, 0.91 DY)		91.00	LF	58.24	0.64	\$68.08	\$6,194.99
 Subcontracted-40 Yard Roll Off		1.00	TRIP			\$1,000.00	\$1,000.00
 Subcontracted-Asbestos Dump Fee		1.00	TRIP			\$500.00	\$500.00
 <b>28 - Cut &amp; Plug 6-inch Watermain</b>		<b>6.00</b>	<b>EACH</b>	<b>168.00</b>	<b>28.00</b>	<b>\$3,515.33</b>	<b>\$21,091.98</b>
 Chandler Blvd Sta 47+50 To Sta 52+50		3.00	EACH	84.00	28.00	\$2,793.56	\$8,380.68
 WL- Waterline Crew (2.00 EACH/DY, 1.50 DY)		3.00	EACH	84.00	28.00	\$2,769.36	\$8,308.08
 Aggregate - ABC MAG Spec		3.30	TON			\$22.00	\$72.60
 Chandler Blvd Sta 66+50 To St 76+00		3.00	EACH	84.00	28.00	\$2,793.56	\$8,380.68
 WL- Waterline Crew (2.00 EACH/DY, 1.50 DY)		3.00	EACH	84.00	28.00	\$2,769.36	\$8,308.08
 Aggregate - ABC MAG Spec		3.30	TON			\$22.00	\$72.60
 Material Per Bid Item Caps, Piping, DIP And Long Body		6.00	LS			\$495.15	\$2,970.90


































Description		Quantity	UM	Man Hours	Man Hours per Unit	Unit Direct Cost	Total Direct Cost
<i>(Item 28 - Cut &amp; Plug 6-inch Watermain continued)</i>							
	Ready Mix Concrete	31.50	BAG			\$7.68	\$241.92
	Trucking (3.50 DY, 0.30 Trucks, 0.21 EACH/HR)	6.00	EACH			\$186.30	\$1,117.80
<b>D</b>	<b>29 - Cut &amp; Plug 8-inch Watermain</b>	<b>5.00</b>	<b>EACH</b>	<b>140.00</b>	<b>28.00</b>	<b>\$3,528.18</b>	<b>\$17,640.90</b>
	Chandler Blvd Sta 38+00 To Sta 42+50	1.00	EACH	28.00	28.00	\$2,793.56	\$2,793.56
	Aggregate - ABC MAG Spec	1.10	TON			\$22.00	\$24.20
	WL- Waterline Crew (2.00 EACH/DY, 0.50 DY)	1.00	EACH	28.00	28.00	\$2,769.36	\$2,769.36
	Chandler Blvd Sta 42+50 To Sta 47+50	2.00	EACH	56.00	28.00	\$2,793.56	\$5,587.12
	Aggregate - ABC MAG Spec	2.20	TON			\$22.00	\$48.40
	WL- Waterline Crew (2.00 EACH/DY, 1.00 DY)	2.00	EACH	56.00	28.00	\$2,769.36	\$5,538.72
	Chandler Blvd Sta 71+00 To Sta 76+00	2.00	EACH	56.00	28.00	\$2,793.56	\$5,587.12
	Aggregate - ABC MAG Spec	2.20	TON			\$22.00	\$48.40
	WL- Waterline Crew (2.00 EACH/DY, 1.00 DY)	2.00	EACH	56.00	28.00	\$2,769.36	\$5,538.72
	Material Per Bid Item Caps, Piping, DIP And Long Body	5.00	LS			\$433.00	\$2,165.00
	Ready Mix Concrete	26.25	BAG			\$7.68	\$201.60
	Dump Fee - Dirt	5.00	LOAD			\$75.00	\$375.00
	Trucking (4.00 DY, 0.22 Trucks, 0.16 EACH/HR)	5.00	EACH			\$186.30	\$931.50
<b>D</b>	<b>30 - Cut &amp; Plug 12-inch Watermain</b>	<b>11.00</b>	<b>EACH</b>	<b>352.00</b>	<b>32.00</b>	<b>\$5,615.10</b>	<b>\$61,766.11</b>
	Chandler Blvd Sta 28+00 To Sta 33+00	2.00	EACH	64.00	32.00	\$3,429.69	\$6,859.38
	WL- Waterline Crew (2.00 EACH/DY, 1.00 DY)	2.00	EACH	64.00	32.00	\$3,405.49	\$6,810.98
	Aggregate - ABC MAG Spec	2.20	TON			\$22.00	\$48.40
	Chandler Blvd Sta 42+50 To Sta 47+50	2.00	EACH	64.00	32.00	\$3,429.69	\$6,859.38
	WL- Waterline Crew (2.00 EACH/DY, 1.00 DY)	2.00	EACH	64.00	32.00	\$3,405.49	\$6,810.98
	Aggregate - ABC MAG Spec	2.20	TON			\$22.00	\$48.40
	Chandler Blvd Sta 52+50 To Sta 57+50	2.00	EACH	64.00	32.00	\$3,429.69	\$6,859.38
	WL- Waterline Crew (2.00 EACH/DY, 1.00 DY)	2.00	EACH	64.00	32.00	\$3,405.49	\$6,810.98
	Aggregate - ABC MAG Spec	2.20	TON			\$22.00	\$48.40
	Chandler Blvd Sta 57+50 To Sta 61+50	2.00	EACH	64.00	32.00	\$3,429.69	\$6,859.38
	WL- Waterline Crew (2.00 EACH/DY, 1.00 DY)	2.00	EACH	64.00	32.00	\$3,405.49	\$6,810.98
	Aggregate - ABC MAG Spec	2.20	TON			\$22.00	\$48.40
	Chandler Blvd Sta 28+00 To Sta 33+00	2.00	EACH	64.00	32.00	\$3,429.69	\$6,859.38
	WL- Waterline Crew (2.00 EACH/DY, 1.00 DY)	2.00	EACH	64.00	32.00	\$3,405.49	\$6,810.98
	Aggregate - ABC MAG Spec	2.20	TON			\$22.00	\$48.40
	Chandler Blvd Sta 57+50 To Sta 62+00	1.00	EACH	32.00	32.00	\$3,417.59	\$3,417.59
	WL- Waterline Crew (2.00 EACH/DY, 0.50 DY)	1.00	EACH	32.00	32.00	\$3,405.49	\$3,405.49
	Aggregate - ABC MAG Spec	0.55	TON			\$22.00	\$12.10
	Material Per Bid Item Caps, Piping, DIP And Long Body	12.00	LS			\$1,555.50	\$18,666.00
	Trucking (1.00 DY, 3.80 Trucks, 1.38 EACH/HR)	11.00	EACH			\$372.60	\$4,098.60
	Dump Fee - Dirt	11.00	LOAD			\$75.00	\$825.00
	Ready Mix Concrete	57.75	BAG			\$8.00	\$462.00
<b>D</b>	<b>31 - Remove 12-inch Gate Valve Backfill With 1/2 Sack CLSM</b>	<b>3.00</b>	<b>EACH</b>	<b>30.00</b>	<b>10.00</b>	<b>\$1,952.48</b>	<b>\$5,857.44</b>
	Chandler Blvd Sta 28+00 To Sta 33+00	3.00	EACH	30.00	10.00	\$1,952.48	\$5,857.44
	WL-Water Service Box & Cover Crew (4.00 EACH/DY, 0.75 DY)	3.00	EACH	30.00	10.00	\$961.98	\$2,885.94
	Material Per Bid Item	3.00	LS			\$350.00	\$1,050.00

Description		Quantity	UM	Man Hours	Man Hours per Unit	Unit Direct Cost	Total Direct Cost
<b>(Item 31 - Remove 12-inch Gate Valve Backfill With 1/2 Sack CLSM continued)</b>							
	Ready Mix - Slurry ABC Slurry 1/2 Sack	15.75	YARD			\$122.00	\$1,921.50
<b>D</b>	<b>32 - Remove 12-Inch Gate Valve And Cover</b>	<b>7.00</b>	<b>EACH</b>	<b>70.00</b>	<b>10.00</b>	<b>\$1,211.98</b>	<b>\$8,483.86</b>
	WL-Water Service Box & Cover Crew (4.00 EACH/DY, 1.75 DY)	7.00	EACH	70.00	10.00	\$961.98	\$6,733.86
	Material Per Bid Item	5.00	LS			\$350.00	\$1,750.00
<b>D</b>	<b>34 - Remove 6-inch Gate Valve Backfill With 1/2 Sack CLSM</b>	<b>1.00</b>	<b>EACH</b>	<b>10.00</b>	<b>10.00</b>	<b>\$1,774.68</b>	<b>\$1,774.68</b>
<b>D</b>	Chandler Blvd Sta 28+00 To Sta 33+00	1.00	EACH	10.00	10.00	\$1,774.68	\$1,774.68
	WL-Water Service Box & Cover Crew (4.00 EACH/DY, 0.25 DY)	1.00	EACH	10.00	10.00	\$939.18	\$939.18
	Material Per Bid Item	1.00	LS			\$195.00	\$195.00
	Ready Mix - Slurry ABC Slurry 1/2 Sack	5.25	YARD			\$122.00	\$640.50
<b>D</b>	<b>35 - Remove 24-inch SRP Irrigation Pipe</b>	<b>5.00</b>	<b>LF</b>	<b>20.00</b>	<b>4.00</b>	<b>\$482.39</b>	<b>\$2,411.94</b>
<b>D</b>	Waterline Intersection	5.00	LF	20.00	4.00	\$482.39	\$2,411.94
<b>D</b>	Water Main Installation	5.00	LF	20.00	4.00	\$482.39	\$2,411.94
	WL- Waterline Crew (20.00 LF/DY, 0.25 DY)	5.00	LF	20.00	4.00	\$482.39	\$2,411.94
<b>D</b>	<b>36 - Cut &amp; Plug 24-inch Irrigation Pipe</b>	<b>2.00</b>	<b>EACH</b>	<b>16.00</b>	<b>8.00</b>	<b>\$1,109.34</b>	<b>\$2,218.68</b>
<b>D</b>	Water Main Installation	2.00	EACH	16.00	8.00	\$859.34	\$1,718.68
	WL- Waterline Crew (4.00 EACH/DY, 0.50 DY)	2.00	EACH	16.00	8.00	\$859.34	\$1,718.68
	Miscellaneous Pipe Plug Materials	1.00	LS			\$500.00	\$500.00
<b>D</b>	<b>37 - 12-Inch Intersection Waterline Work</b>	<b>879.00</b>	<b>LF</b>	<b>3,969.68</b>	<b>4.52</b>	<b>\$870.00</b>	<b>\$764,728.81</b>
<b>D</b>	Waterline Intersection	879.00	LF	3,729.68	4.24	\$838.31	\$736,877.45
<b>D</b>	Vertical Realignment	4.00	EACH	864.00	216.00	\$27,130.56	\$108,522.24
	Vertical Realignment (0.38 EACH/DY, 8.00 DY)	3.00	EACH	576.00	192.00	\$23,843.41	\$71,530.24
	NW Corner Vertical Realignment (0.25 EACH/DY, 4.00 DY)	1.00	EACH	288.00	288.00	\$36,992.00	\$36,992.00
<b>D</b>	Water Main Installation	879.00	LF	2,705.68	3.08	\$463.05	\$407,025.06
	WL- Waterline Crew (38.12 LF/DY, 17.00 DY)	648.00	LF	1,224.00	1.89	\$238.58	\$154,601.76
	NW Corner Installation (38.00 LF/DY, 6.08 DY)	231.00	LF	437.68	1.89	\$243.37	\$56,218.11
	Ready Mix - Slurry ABC Slurry 1/2 Sack	506.10	YARD			\$122.00	\$61,744.20
	Material Handling (Pipe, AB, Haul Off) (21.44 LF/DY, 41.00 DY)	879.00	LF	492.00	0.56	\$77.61	\$68,217.44
<b>D</b>	Utility Conflicts	36.00	EACH	480.00	13.33	\$1,649.56	\$59,384.16
	Existing Utility Conflicts (6.00 EACH/DY, 6.00 DY)	36.00	EACH	480.00	13.33	\$1,649.56	\$59,384.16
	WL-Gate Valve 12in Appurtenance Crew (4.00 EACH/DY, 0.50 DY)	2.00	EACH	36.00	18.00	\$2,111.20	\$4,222.39
	Valve Adjustments (4.00 EACH/DY, 1.50 DY)	6.00	EACH	36.00	6.00	\$439.50	\$2,637.00
<b>D</b>	Soft Dig Support	879.00	LF	160.00	0.18	\$25.28	\$22,220.80
	GC-Combo Hydro Truck Crew (87.90 LF/DY, 10.00 DY)	879.00	LF	160.00	0.18	\$25.28	\$22,220.80
	Material Per Bid Item Pipe And Fittings	1.00	LS			\$136,401.85	\$136,401.85
	Trucking (5.50 DY, 9.99 Trucks, 19.98 LF/HR)	879.00	LF			\$67.50	\$59,332.50
	Dump Fee - Dirt	45.00	LOAD			\$75.00	\$3,375.00
<b>D</b>	GC-Chlorine & Pressure Test	6.00	DY	240.00	40.00	\$4,641.89	\$27,851.36
	GC-Chlorine & Pressure Test Crew (1.00 DY/DY, 6.00 DY)	6.00	DY	240.00	40.00	\$4,058.56	\$24,351.36
<b>S</b>	Subcontracted-Chlorine & Pressure Test	1.00	LS			\$3,500.00	\$3,500.00





























Description		Quantity	UM	Man Hours	Man Hours per Unit	Unit Direct Cost	Total Direct Cost
<b>D</b>	<b>38 - 12-Inch Class 350 DIP Watermain W/Polywrap, Valves, Fittings, Vertical/Horizontal Alignment's, &amp; Gate Valves Misc.</b>	<b>7,375.00</b>	<b>LF</b>	<b>0.00</b>	<b>0.00</b>	<b>\$74.39</b>	<b>\$548,596.40</b>
	 Material Per Bid Item	1.00	LS			\$527,966.28	\$527,966.28
	 Vertical Realignment	1.00	LS			\$20,630.12	\$20,630.12
<b>D</b>	<b>39 - 8-inch Class 350 DIP Watermain With Polywrap, Fittings, And Valves</b>	<b>236.00</b>	<b>LF</b>	<b>551.43</b>	<b>2.34</b>	<b>\$540.32</b>	<b>\$127,516.66</b>
	 WL- Waterline Crew (49.78 LF/DY, 4.74 DY)	236.00	LF	303.43	1.29	\$156.17	\$36,856.33
	 WL-Gate Valve 8in Appurtenance Crew (4.00 EACH/DY, 1.00 DY)	4.00	EACH	64.00	16.00	\$1,943.46	\$7,773.84
	 Vertical Realignment (1.00 EACH/DY, 2.50 DY)	2.50	EACH	160.00	64.00	\$7,773.84	\$19,434.60
	 Material Per Bid Item	1.00	LS			\$39,453.00	\$39,453.00
	 Aggregate - ABC MAG Spec	180.40	TON			\$22.00	\$3,968.80
	 Ready Mix - Slurry ABC Slurry 1/2 Sack	7.88	YARD			\$122.00	\$960.75
	 Cement - Concrete Mix 60#	8.00	BAG			\$8.00	\$64.00
	 Vertical Realignment	1.00	LS			\$7,825.28	\$7,825.28
	 Trucking (5.00 DY, 0.63 Trucks, 5.90 LF/HR)	236.00	LF			\$14.33	\$3,382.06
	 Dump Fee - Dirt	10.00	LOAD			\$75.00	\$750.00
	 RH-Manhole Adjust Crew (4.00 EACH/DY, 1.00 DY)	4.00	EACH	24.00	6.00	\$439.50	\$1,758.00
<b>D</b>	<b>40 - 6-Inch Class 350 DIP Watermain W/Polywrap, Fittings, And Valves</b>	<b>321.00</b>	<b>LF</b>	<b>1,121.40</b>	<b>3.49</b>	<b>\$642.95</b>	<b>\$206,387.22</b>
	 WL- Waterline Crew (36.25 LF/DY, 8.86 DY)	321.00	LF	566.73	1.77	\$210.63	\$67,613.14
	 WL-Gate Valve 6in Appurtenance Crew (6.00 EACH/DY, 2.67 DY)	16.00	EACH	170.67	10.67	\$1,275.92	\$20,414.72
	 Vertical Realignment (1.00 EACH/DY, 4.50 DY)	4.50	EACH	288.00	64.00	\$7,455.44	\$33,549.48
	 Material Per Bid Item	1.00	LS			\$56,958.31	\$56,958.31
	 Aggregate - ABC MAG Spec	227.70	TON			\$22.00	\$5,009.40
	 Ready Mix - Slurry ABC Slurry 1/2 Sack	18.90	YARD			\$122.00	\$2,305.80
	 Cement - Concrete Mix 60#	35.00	BAG			\$8.00	\$280.00
	 Trucking (4.00 DY, 1.06 Trucks, 10.03 LF/HR)	321.00	LF			\$14.33	\$4,600.18
	 Dump Fee - Dirt	4.00	LOAD			\$75.00	\$300.00
	 Vertical Realignment	1.00	LS			\$4,364.20	\$4,364.20
	 RH-Manhole Adjust Crew (4.00 EACH/DY, 4.00 DY)	16.00	EACH	96.00	6.00	\$439.50	\$7,032.00
<b>D</b>	<b>41 - 4-inch Class 350 DIP Watermain W/PolyWrap</b>	<b>44.00</b>	<b>LF</b>	<b>100.00</b>	<b>2.27</b>	<b>\$441.02</b>	<b>\$19,404.76</b>
	 WL- Waterline Crew (44.00 LF/DY, 1.00 DY)	44.00	LF	64.00	1.45	\$155.67	\$6,849.28
	 WL-Gate Valve 4in Appurtenance Crew (4.00 EACH/DY, 0.50 DY)	2.00	EACH	36.00	18.00	\$1,730.08	\$3,460.16
	 Material Per Bid Item	1.00	LS			\$7,101.00	\$7,101.00
	 Aggregate - ABC MAG Spec	22.00	TON			\$22.00	\$484.00
	 Trucking (1.00 DY, 0.52 Trucks, 5.50 LF/HR)	44.00	LF			\$12.85	\$565.32
	 Dump Fee - Dirt	1.00	LOAD			\$75.00	\$75.00
<b>D</b>	<b>42 - Install 12-inch Perma Seal Valve</b>	<b>3.00</b>	<b>EACH</b>	<b>348.00</b>	<b>116.00</b>	<b>\$42,571.04</b>	<b>\$127,713.13</b>
	 GC-Combo Hydro Truck Crew (1.00 EACH/DY, 3.00 DY)	3.00	EACH	60.00	20.00	\$2,530.36	\$7,591.08
	 WL- Waterline Crew (0.75 EACH/DY, 4.00 DY)	3.00	EACH	288.00	96.00	\$9,670.83	\$29,012.48
	 Material Per Bid Item	1.00	LS			\$926.00	\$926.00
	 Subcontracted-Mueller Valve Sub	3.00	EACH			\$29,016.19	\$87,048.57
	 Trucking (1.00 DY, 0.75 Trucks, 0.38 EACH/HR)	3.00	EACH			\$270.00	\$810.00









































































Description		Quantity	UM	Man Hours	Man Hours per Unit	Unit Direct Cost	Total Direct Cost
<i>(Item 42 - Install 12-inch Perma Seal Valve continued)</i>							
	Dump Fee - Dirt	3.00	LOAD			\$75.00	\$225.00
<b>D</b>	<b>43 - Install 12-inch Inserta Valve Romac Industries Or Approved Equivalent</b>	<b>3.00</b>	<b>EACH</b>	<b>380.00</b>	<b>126.67</b>	<b>\$30,661.86</b>	<b>\$91,985.57</b>
	WL- Waterline Crew (0.75 EACH/DY, 4.00 DY)	3.00	EACH	320.00	106.67	\$11,508.80	\$34,526.40
	GC-Combo Hydro Truck Crew (1.00 EACH/DY, 3.00 DY)	3.00	EACH	60.00	20.00	\$2,465.79	\$7,397.37
	Material Per Bid Item	1.00	LS			\$926.00	\$926.00
	Subcontracted-Inserta Valve Sub	3.00	EACH			\$13,950.00	\$41,850.00
	Trucking (1.00 DY, 1.04 Trucks, 0.38 EACH/HR)	3.00	EACH			\$372.60	\$1,117.80
	Dump Fee - Dirt	3.00	LOAD			\$75.00	\$225.00
	Ready Mix - Slurry ABC Slurry 1/2 Sack	31.50	YARD			\$122.00	\$3,843.00
<b>D</b>	<b>44 - 12X12 Cut In Tee</b>	<b>1.00</b>	<b>EACH</b>	<b>148.00</b>	<b>148.00</b>	<b>\$19,116.87</b>	<b>\$19,116.87</b>
	WL- Waterline Crew (0.50 EACH/DY, 2.00 DY)	1.00	EACH	128.00	128.00	\$13,975.36	\$13,975.36
	Material Per Bid Item	1.00	LS			\$1,374.95	\$1,374.95
	Aggregate - ABC MAG Spec	11.00	TON			\$22.00	\$242.00
	GC-Combo Hydro Truck Crew (1.00 EACH/DY, 1.00 DY)	1.00	EACH	20.00	20.00	\$2,474.56	\$2,474.56
<b>D</b>	<b>45 - Install 16-inch Gate Valve</b>	<b>1.00</b>	<b>EACH</b>	<b>32.00</b>	<b>32.00</b>	<b>\$16,117.21</b>	<b>\$16,117.21</b>
	WL- Waterline Crew (2.00 EACH/DY, 0.50 DY)	1.00	EACH	32.00	32.00	\$3,476.49	\$3,476.49
	Material Per Bid Item	1.00	LS			\$11,140.72	\$11,140.72
<b>D</b>	<b>46 - Install 16 X 8 Tee</b>	<b>1.00</b>	<b>EACH</b>	<b>148.00</b>	<b>148.00</b>	<b>\$31,547.02</b>	<b>\$31,547.02</b>
	WL- Waterline Crew (0.50 EACH/DY, 2.00 DY)	1.00	EACH	128.00	128.00	\$13,615.36	\$13,615.36
	Material Per Bid Item	1.00	LS			\$9,855.10	\$9,855.10
	Ready Mix - Slurry ABC Slurry 1/2 Sack	21.00	YARD			\$122.00	\$2,562.00
	Trucking (1.00 DY, 0.50 Trucks, 0.13 EACH/HR)	1.00	EACH			\$540.00	\$540.00
	GC-Combo Hydro Truck Crew (1.00 EACH/DY, 1.00 DY)	1.00	EACH	20.00	20.00	\$2,474.56	\$2,474.56
<b>D</b>	<b>47 - Note 29 Thrust Block Installation @ Intersection</b>	<b>4.00</b>	<b>EACH</b>	<b>160.00</b>	<b>40.00</b>	<b>\$4,673.47</b>	<b>\$18,693.89</b>
	Thrust Blocks (5'6"x2'4"x4'0")	4.00	EACH	160.00	40.00	\$4,673.47	\$18,693.89
	CP-Concrete Replace Crew (1.00 EACH/DY, 4.00 DY)	4.00	EACH	160.00	40.00	\$3,838.16	\$15,352.64
	Material Per Bid Item	4.00	LS			\$265.00	\$1,060.00
	Ready Mix Concrete - MAG B 2500	10.50	CY			\$172.50	\$1,811.25
	Form, Cure, Stakes	1.00	LS			\$250.00	\$250.00
	Rebar - # 4 (1/2in) 10ft	4.40	EACH			\$50.00	\$220.00
<b>D</b>	<b>48 - Thrust Block On Chandler Blvd</b>	<b>8.00</b>	<b>EACH</b>	<b>160.00</b>	<b>20.00</b>	<b>\$2,089.04</b>	<b>\$16,712.28</b>
	Thrust Blocks (3'0"x1'8"x2'0")	8.00	EACH	160.00	20.00	\$1,889.04	\$15,112.28
	Ready Mix Concrete - MAG B 2500	8.40	CY			\$172.50	\$1,449.00
	Rebar - # 4 (1/2in) 10ft	8.80	EACH			\$50.00	\$440.00
	CP-Concrete Replace Crew (2.00 EACH/DY, 4.00 DY)	8.00	EACH	160.00	20.00	\$1,595.68	\$12,765.44
	Material Per Bid Item	8.00	LS			\$57.23	\$457.84
	Concrete - Short Load Fee	8.00	EACH			\$200.00	\$1,600.00
<b>D</b>	<b>49 - Concrete Encasement</b>	<b>39.00</b>	<b>LF</b>	<b>120.00</b>	<b>3.08</b>	<b>\$301.63</b>	<b>\$11,763.52</b>
	Concrete Encasement	39.00	LF	120.00	3.08	\$301.63	\$11,763.52
	Encasement W1 35' X	39.00	LF	120.00	3.08	\$301.63	\$11,763.52






Description		Quantity	UM	Man Hours	Man Hours per Unit	Unit Direct Cost	Total Direct Cost
<b>(Item 49 - Concrete Encasement continued)</b>							
	CP-Concrete Replace Crew (0.33 EACH/DY, 3.00 DY)	1.00	EACH	120.00	120.00	\$9,744.96	\$9,744.96
	Material Per Bid Item	1.00	LS			\$650.00	\$650.00
	Ready Mix Concrete - MAG C 2000	7.35	CY			\$163.75	\$1,203.56
	Rebar - # 4 (1/2in) 10ft	1.10	EACH			\$150.00	\$165.00
<b>D</b>	<b>50 - Connect To Existing 12-inch Watermain ACP To DIP Transition Coupling</b>	<b>5.00</b>	<b>EACH</b>	<b>370.00</b>	<b>74.00</b>	<b>\$11,022.36</b>	<b>\$55,111.78</b>
	WL- Waterline Crew (1.00 EACH/DY, 5.00 DY)	5.00	EACH	320.00	64.00	\$6,945.20	\$34,726.00
	GC-Combo Hydro Truck Crew (2.00 EACH/DY, 2.50 DY)	5.00	EACH	50.00	10.00	\$1,232.90	\$6,164.48
	Material Per Bid Item	5.00	LS			\$1,747.66	\$8,738.30
	Aggregate - ABC MAG Spec	27.50	TON			\$22.00	\$605.00
	Trucking (3.00 DY, 0.58 Trucks, 0.21 EACH/HR)	5.00	EACH			\$372.60	\$1,863.00
	Dump Fee - Dirt	5.00	LOAD			\$75.00	\$375.00
	Cement - Concrete Mix 60#	30.00	BAG			\$8.00	\$240.00
<b>D</b>	<b>51 - Connect To Existing 12-inch Watermain</b>	<b>6.00</b>	<b>EACH</b>	<b>379.20</b>	<b>63.20</b>	<b>\$10,328.31</b>	<b>\$61,969.83</b>
	WL- Waterline Crew (1.25 EACH/DY, 4.80 DY)	6.00	EACH	307.20	51.20	\$5,556.16	\$33,336.96
	GC-Combo Hydro Truck Crew (2.00 EACH/DY, 3.00 DY)	6.00	EACH	72.00	12.00	\$1,369.40	\$8,216.40
	Material Per Bid Item	6.00	LS			\$2,217.48	\$13,304.87
	Aggregate - ABC MAG Spec	33.00	TON			\$22.00	\$726.00
	Trucking (3.00 DY, 0.69 Trucks, 0.25 EACH/HR)	6.00	EACH			\$372.60	\$2,235.60
	Dump Fee - Dirt [6]	0.00	LOAD			\$75.00	\$0.00
<b>D</b>	<b>53 - Connect To Existing 8-inch PVC Watermain To DIP Transition Coupling</b>	<b>2.00</b>	<b>EACH</b>	<b>84.00</b>	<b>42.00</b>	<b>\$7,584.28</b>	<b>\$15,168.56</b>
	WL- Waterline Crew (2.00 EACH/DY, 1.00 DY)	2.00	EACH	64.00	32.00	\$3,466.01	\$6,932.02
	GC-Combo Hydro Truck Crew (2.00 EACH/DY, 1.00 DY)	2.00	EACH	20.00	10.00	\$1,237.28	\$2,474.56
	Material Per Bid Item	2.00	LS			\$1,547.89	\$3,095.78
	Aggregate - ABC MAG Spec	5.50	TON			\$22.00	\$121.00
	Trucking (1.00 DY, 0.69 Trucks, 0.25 EACH/HR)	2.00	EACH			\$372.60	\$745.20
	Dump Fee - Dirt	2.00	LOAD			\$75.00	\$150.00
<b>D</b>	<b>54 - Connect To Existing 6" ACP Watermain ACP To DIP Coupling</b>	<b>4.00</b>	<b>EACH</b>	<b>210.67</b>	<b>52.67</b>	<b>\$6,720.78</b>	<b>\$26,883.13</b>
	WL- Waterline Crew (1.50 EACH/DY, 2.67 DY)	4.00	EACH	170.67	42.67	\$4,526.19	\$18,104.75
	GC-Combo Hydro Truck Crew (2.00 EACH/DY, 2.00 DY)	4.00	EACH	40.00	10.00	\$1,232.90	\$4,931.58
	Material Per Bid Item	4.00	LS			\$54.00	\$216.00
	Aggregate - ABC MAG Spec	13.20	TON			\$22.00	\$290.40
	Trucking (1.00 DY, 1.38 Trucks, 0.50 EACH/HR)	4.00	EACH			\$372.60	\$1,490.40
	Dump Fee - Dirt	4.00	LOAD			\$75.00	\$300.00
	Cement - Concrete Mix 60#	30.00	BAG			\$8.00	\$240.00
<b>D</b>	<b>55 - Connect To Existing 6-inch Watermain Not ACP</b>	<b>1.00</b>	<b>EACH</b>	<b>42.00</b>	<b>42.00</b>	<b>\$6,194.74</b>	<b>\$6,194.74</b>
	WL- Waterline Crew (2.00 EACH/DY, 0.50 DY)	1.00	EACH	32.00	32.00	\$3,394.64	\$3,394.64
	GC-Combo Hydro Truck Crew (2.00 EACH/DY, 0.50 DY)	1.00	EACH	10.00	10.00	\$1,232.90	\$1,232.90
	Material Per Bid Item	1.00	LS			\$777.00	\$777.00




Description		Quantity	UM	Man Hours	Man Hours per Unit	Unit Direct Cost	Total Direct Cost
<b>(Item 55 - Connect To Existing 6-inch Watermain Not ACP continued)</b>							
	Aggregate - ABC MAG Spec	3.30	TON			\$22.00	\$72.60
	Trucking (1.00 DY, 0.35 Trucks, 0.13 EACH/HR)	1.00	EACH			\$372.60	\$372.60
	Dump Fee - Dirt	1.00	LOAD			\$75.00	\$75.00
<b>D</b>	<b>56 - Connect To Existing 4" DIP Main</b>	<b>2.00</b>	<b>EACH</b>	<b>84.00</b>	<b>42.00</b>	<b>\$5,659.95</b>	<b>\$11,319.89</b>
	WL- Waterline Crew (2.00 EACH/DY, 1.00 DY)	2.00	EACH	64.00	32.00	\$3,394.64	\$6,789.28
	GC-Combo Hydro Truck Crew (2.00 EACH/DY, 1.00 DY)	2.00	EACH	20.00	10.00	\$1,232.90	\$2,465.79
	Material Per Bid Item	1.00	LS			\$734.42	\$734.42
	Aggregate - ABC MAG Spec	6.60	TON			\$22.00	\$145.20
	Trucking (1.00 DY, 0.69 Trucks, 0.25 EACH/HR)	2.00	EACH			\$372.60	\$745.20
	Dump Fee - Dirt	2.00	LOAD			\$75.00	\$150.00
<b>D</b>	<b>57 - Fire Hydrant Assembly COC Standard Detail C-303 &amp; C-305</b>	<b>11.00</b>	<b>EACH</b>	<b>572.00</b>	<b>52.00</b>	<b>\$8,308.59</b>	<b>\$91,394.48</b>
	WL- Fire Hydrant Domestic Water Wet Barrel Crew (1.00 EACH/DY, 11.00 DY)	11.00	EACH	572.00	52.00	\$4,745.28	\$52,198.08
	Material Per Bid Item	1.00	LS			\$38,664.00	\$38,664.00
	Aggregate - ABC MAG Spec	24.20	TON			\$22.00	\$532.40
<b>D</b>	<b>58 - 4-inch Bollard Type 1 COC Standard Detail C-105 &amp; Mag Standard Detail 140</b>	<b>4.00</b>	<b>EACH</b>	<b>6.00</b>	<b>1.50</b>	<b>\$543.85</b>	<b>\$2,175.40</b>
	WL-Bollard Crew (16.00 EACH/DY, 0.25 DY)	4.00	EACH	6.00	1.50	\$193.85	\$775.40
	Subcontracted-Bollards	4.00	EACH			\$350.00	\$1,400.00
<b>D</b>	<b>59 - 1" Type K Soft Copper Service Line COC Standard Detail C-301</b>	<b>115.00</b>	<b>LF</b>	<b>118.25</b>	<b>1.03</b>	<b>\$162.93</b>	<b>\$18,736.82</b>
	WL-Water Service 1in W/ Box & Cover Crew (50.57 LF/DY, 2.27 DY)	115.00	LF	118.25	1.03	\$93.83	\$10,790.82
	Material Per Bid Item	1.00	LS			\$6,613.00	\$6,613.00
	Aggregate - ABC MAG Spec	27.50	TON			\$22.00	\$605.00
<b>D</b>	<b>60 - 1.5" Copper Service Line COC Standard Detail C-301</b>	<b>237.00</b>	<b>LF</b>	<b>137.70</b>	<b>0.58</b>	<b>\$163.83</b>	<b>\$38,828.15</b>
	WL-Water Service 1.5in W/ Box & Cover Crew (89.50 LF/DY, 2.65 DY)	237.00	LF	137.70	0.58	\$51.71	\$12,254.83
	Material Per Bid Item	1.00	LS			\$24,635.32	\$24,635.32
	Aggregate - ABC MAG Spec	55.00	TON			\$22.00	\$1,210.00
<b>D</b>	<b>61 - 2" Rigid Copper Service Line COC Standard Detail C-301</b>	<b>81.00</b>	<b>LF</b>	<b>57.70</b>	<b>0.71</b>	<b>\$201.30</b>	<b>\$16,305.44</b>
	WL-Water Service 2in W/ Box & Cover Crew (73.00 LF/DY, 1.11 DY)	81.00	LF	57.70	0.71	\$63.40	\$5,135.04
	Material Per Bid Item	1.00	LS			\$10,395.00	\$10,395.00
	Aggregate - ABC MAG Spec	18.70	TON			\$22.00	\$411.40
<b>D</b>	<b>62 - Locate &amp; Connect Existing Services</b>	<b>17.00</b>	<b>EACH</b>	<b>226.67</b>	<b>13.33</b>	<b>\$1,334.03</b>	<b>\$22,678.45</b>
	WL- Waterline Crew (3.00 EACH/DY, 5.67 DY)	17.00	EACH	226.67	13.33	\$1,234.83	\$20,992.05
	Material Per Bid Item	17.00	LS			\$75.00	\$1,275.00
	Aggregate - ABC MAG Spec	18.70	TON			\$22.00	\$411.40
<b>D</b>	<b>63 - 1" Backflow Preventer &amp; Enclosure COC Standard Detail C-311</b>	<b>3.00</b>	<b>EACH</b>	<b>276.00</b>	<b>92.00</b>	<b>\$8,911.03</b>	<b>\$26,733.08</b>
	Backflow Preventer Small (1.00 EACH/DY, 3.00 DY)	3.00	EACH	156.00	52.00	\$4,627.88	\$13,883.64
	CP-Concrete Sidewalk Crew (1.00 EACH/DY, 3.00 DY)	3.00	EACH	120.00	40.00	\$2,459.04	\$7,377.12

Description		Quantity	UM	Man Hours	Man Hours per Unit	Unit Direct Cost	Total Direct Cost
<i>(Item 63 - 1" Backflow Preventer &amp; Enclosure COC Standard Detail C-311 continued)</i>							
	Material Per Bid Item	3.00	LS			\$1,170.38	\$3,511.14
	Aggregate - ABC MAG Spec	9.90	TON			\$22.00	\$217.80
	Material Per Bid Item Concrete	1.00	LS			\$150.00	\$150.00
	Ready Mix Concrete - MAG B 2500	3.15	CY			\$172.50	\$543.38
	Concrete - Short Load Fee	3.00	EACH			\$200.00	\$600.00
	Subcontracted-Certification	3.00	DY			\$150.00	\$450.00
<b>D</b>	<b>64 - 1.5" Backflow Preventer &amp; Enclosure COC Standard Detail C-311</b>	<b>3.00</b>	<b>EACH</b>	<b>276.00</b>	<b>92.00</b>	<b>\$9,376.65</b>	<b>\$28,129.94</b>
	Backflow Preventer Small (1.00 EACH/DY, 3.00 DY)	3.00	EACH	156.00	52.00	\$4,627.88	\$13,883.64
	CP-Concrete Sidewalk Crew (1.00 EACH/DY, 3.00 DY)	3.00	EACH	120.00	40.00	\$2,459.04	\$7,377.12
	Material Per Bid Item	3.00	LS			\$1,636.00	\$4,908.00
	Aggregate - ABC MAG Spec	9.90	TON			\$22.00	\$217.80
	Subcontracted-Certification	3.00	DY			\$150.00	\$450.00
	Material Per Bid Item Concrete	1.00	LS			\$150.00	\$150.00
	Ready Mix Concrete - MAG B 2500	3.15	CY			\$172.50	\$543.38
	Concrete - Short Load Fee	3.00	EACH			\$200.00	\$600.00
<b>D</b>	<b>65 - 2" Backflow Preventer &amp; Enclosure COC Standard Detail C-302</b>	<b>1.00</b>	<b>EACH</b>	<b>109.33</b>	<b>109.33</b>	<b>\$11,720.27</b>	<b>\$11,720.27</b>
	Backflow Preventer Small (0.75 EACH/DY, 1.33 DY)	1.00	EACH	69.33	69.33	\$6,170.51	\$6,170.51
	Material Per Bid Item	1.00	LS			\$2,387.00	\$2,387.00
	Aggregate - ABC MAG Spec	3.30	TON			\$22.00	\$72.60
	Subcontracted-Certification	1.00	DY			\$150.00	\$150.00
	Material Per Bid Item Concrete	1.00	LS			\$100.00	\$100.00
	Ready Mix Concrete - MAG B 2500	1.05	CY			\$172.50	\$181.13
	Concrete - Short Load Fee	1.00	EACH			\$200.00	\$200.00
	CP-Concrete Sidewalk Crew (1.00 EACH/DY, 1.00 DY)	1.00	EACH	40.00	40.00	\$2,459.04	\$2,459.04
<b>D</b>	<b>66 - 4-inch Backflow Preventer COC Standard Detail C-315</b>	<b>1.00</b>	<b>EACH</b>	<b>154.67</b>	<b>154.67</b>	<b>\$21,684.33</b>	<b>\$21,684.33</b>
	WL-Double Check Backflow Preventer 4in Appurtenance Crew (0.75 EACH/DY, 1.33 DY)	1.00	EACH	74.67	74.67	\$8,554.56	\$8,554.56
	CP-Concrete Sidewalk Crew (0.50 EACH/DY, 2.00 DY)	1.00	EACH	80.00	80.00	\$4,918.08	\$4,918.08
	Material Per Bid Item	1.00	LS			\$6,797.31	\$6,797.31
	Aggregate - ABC MAG Spec	5.50	TON			\$22.00	\$121.00
	Subcontracted-Certification	1.00	DY			\$350.00	\$350.00
	Material Per Bid Item Concrete	1.00	LS			\$200.00	\$200.00
	Ready Mix Concrete - MAG B 2500	3.15	CY			\$172.50	\$543.38
	Concrete - Short Load Fee	1.00	EACH			\$200.00	\$200.00
<b>D</b>	<b>67 - 6" Backflow Preventer And Enclosure COC Standard Detail C-315</b>	<b>2.00</b>	<b>EACH</b>	<b>384.00</b>	<b>192.00</b>	<b>\$31,731.87</b>	<b>\$63,463.74</b>
	WL-Double Check Backflow Preventer 6in Appurtenance Crew (0.50 EACH/DY, 4.00 DY)	2.00	EACH	224.00	112.00	\$12,831.84	\$25,663.68
	CP-Concrete Sidewalk Crew (0.50 EACH/DY, 4.00 DY)	2.00	EACH	160.00	80.00	\$4,918.08	\$9,836.16
	Material Per Bid Item	1.00	LS			\$25,024.50	\$25,024.50
	Aggregate - ABC MAG Spec	13.20	TON			\$22.00	\$290.40
	Subcontracted-Certification	2.00	DY			\$350.00	\$700.00

Description		Quantity	UM	Man Hours	Man Hours per Unit	Unit Direct Cost	Total Direct Cost
<b>(Item 67 - 6" Backflow Preventer And Enclosure COC Standard Detail C-315 continued)</b>							
	Material Per Bid Item Concrete	2.00	LS			\$250.00	\$500.00
	Ready Mix Concrete - MAG B 2500	8.40	CY			\$172.50	\$1,449.00
<b>D</b>	<b>68 - Water Meter Box</b>	<b>17.00</b>	<b>EACH</b>	<b>108.80</b>	<b>6.40</b>	<b>\$597.47</b>	<b>\$10,157.02</b>
	WL-Water Service 1in W/ Box & Cover Crew (5.00 EACH/DY, 3.40 DY)	17.00	EACH	108.80	6.40	\$597.47	\$10,157.02
<b>D</b>	<b>69 - 2" Combo Air Relief Valve</b>	<b>1.00</b>	<b>EACH</b>	<b>92.00</b>	<b>92.00</b>	<b>\$14,113.35</b>	<b>\$14,113.35</b>
	ARV Installation (1.00 EACH/DY, 1.00 DY)	1.00	EACH	52.00	52.00	\$4,627.88	\$4,627.88
	CP-Concrete Sidewalk Crew (1.00 EACH/DY, 1.00 DY)	1.00	EACH	40.00	40.00	\$2,459.04	\$2,459.04
	Material Per Bid Item	1.00	LS			\$6,280.70	\$6,280.70
	Aggregate - ABC MAG Spec	14.30	TON			\$22.00	\$314.60
	Material Per Bid Item Concrete	1.00	LS			\$50.00	\$50.00
	Ready Mix Concrete - MAG B 2500	1.05	CY			\$172.50	\$181.13
	Concrete - Short Load Fee	1.00	EACH			\$200.00	\$200.00
<b>D</b>	<b>70 - Temporary Waterline Installation And Removal</b>	<b>2.00</b>	<b>EACH</b>	<b>304.00</b>	<b>152.00</b>	<b>\$20,136.18</b>	<b>\$40,272.36</b>
	Temp Water Installation Crew (0.50 LF/DY, 4.00 DY)	2.00	LF	160.00	80.00	\$8,865.28	\$17,730.56
	Material Per Bid Item	1.00	LS			\$2,617.00	\$2,617.00
	GC-Chlorine & Pressure Test Crew (1.00 EACH/DY, 2.00 DY)	2.00	EACH	64.00	32.00	\$1,987.76	\$3,975.52
	Temp Water Installation Removal (1.00 EACH/DY, 2.00 DY)	2.00	EACH	80.00	40.00	\$4,574.64	\$9,149.28
<b>D</b>	<b>71 - SRP Engineered Supports</b>	<b>2.00</b>	<b>EACH</b>	<b>112.00</b>	<b>56.00</b>	<b>\$6,344.52</b>	<b>\$12,689.04</b>
	Material Per Bid Item	1.00	LS			\$1,250.00	\$1,250.00
	NW Corner Installation (1.00 EACH/DY, 2.00 DY)	2.00	EACH	112.00	56.00	\$5,719.52	\$11,439.04
<b>D</b>	<b>72 - General Conditions</b>	<b>7.00</b>	<b>MO</b>	<b>4,180.00</b>	<b>597.14</b>	<b>\$95,746.86</b>	<b>\$670,228.03</b>
	GC-Pothole	10.00	EACH	0.00	0.00	\$833.00	\$8,330.00
	Subcontracted-Utility Potholing	10.00	EACH			\$833.00	\$8,330.00
	Trash Dumpsters / Dump Fees	7.00	MO			\$400.00	\$2,800.00
	Connex Boxes	7.00	MO			\$700.00	\$4,900.00
	Water Meter	2.00	EACH			\$2,250.00	\$4,500.00
	Water & Ice	30.00	WK			\$125.00	\$3,750.00
	Office & Yard Rental	7.00	MO			\$7,000.00	\$49,000.00
	Project Utilities	7.00	MO			\$500.00	\$3,500.00
	Project Sanitation	7.00	MO			\$700.00	\$4,900.00
	Temporary Fencing	7.00	MO			\$350.00	\$2,450.00
	Senior Project Manager	7.00	MO	644.00	92.00	\$12,961.88	\$90,733.16
	Senior Project Manager (11.50 DY/MO, 80.50 DY)	7.00	MO	644.00	92.00	\$12,961.88	\$90,733.16
	Assistant Project Manager	7.00	MO	1,209.60	172.80	\$21,876.48	\$153,135.36
	Assistant Project Manager Crew (21.60 DY/MO, 151.20 DY)	7.00	MO	1,209.60	172.80	\$21,876.48	\$153,135.36
	General / Project Superintendent	7.00	MO	604.80	86.40	\$11,485.15	\$80,396.06
	Superintendent (10.80 DY/MO, 75.60 DY)	7.00	MO	604.80	86.40	\$11,485.15	\$80,396.06
	Field Superintendent	7.00	MO	1,209.60	172.80	\$21,371.90	\$149,603.33
	Field Superintendent (21.60 DY/MO, 151.20 DY)	7.00	MO	1,209.60	172.80	\$21,371.90	\$149,603.33
	Field Engineer	3.00	MO	512.00	170.67	\$13,015.04	\$39,045.12

Description	Quantity	UM	Man Hours	Man Hours per Unit	Unit Direct Cost	Total Direct Cost
<i>(Item 72 - General Conditions continued)</i>						
 Field Communication	7.00	MO			\$300.00	\$2,100.00
 First Aid	1.00	EACH			\$1,000.00	\$1,000.00
 ST&S, Safety Supplies, Training, Small Tools	21,495.00	MH			\$3.00	\$64,485.00
 Job Office Expense	7.00	MO			\$400.00	\$2,800.00
 Drone Photography	7.00	MO			\$400.00	\$2,800.00

## Indirect Items

Description	Quantity	UM	Man Hours	Man Hours per Unit	Unit Indirect Cost	Total Indirect Cost
 9.0 - Do Not Delete	0.00	LS			\$0.00	\$0.00

## Direct Cost Totals

	Amount	Percent of Direct Cost
<b>Labor:</b>	\$1,502,973.85	31.11%
<b>Equipment Owned:</b>	\$1,207,103.30	24.99%
<b>Equipment Rented:</b>	\$96,983.38	2.01%
<b>Materials Owned:</b>	\$0.00	0.00%
<b>Materials Purchased:</b>	\$1,301,807.53	26.95%
<b>Subcontracted:</b>	\$490,670.07	10.16%
<b>Trucking Owned:</b>	\$0.00	0.00%
<b>Trucking Hired:</b>	\$94,158.50	1.95%
<b>Miscellaneous:</b>	\$62,000.00	1.28%
<b>Plug:</b>	\$74,835.00	1.55%
<b>Direct Cost:</b>	<u>\$4,830,531.62</u>	

## Pay Item Summary

	Amount	Percent of Bid Price
<b>Total Direct Cost:</b>	\$4,830,531.62	100.00%
<b>Total DC Adds/Cuts:</b>	\$0.00	0.00%
<b>Total Indirect Cost:</b>	\$0.00	0.00%
<b>Total Bond:</b>	\$0.00	0.00%
<b>Total Overall Cost:</b>	\$4,830,531.62	100.00%
<b>Total Overhead:</b>	\$0.00	0.00%
<b>Total Profit:</b>	(\$82.96)	-0.00%
<b>Total Margin:</b>	(\$82.96)	-0.00%
<b>Total Bid Price:</b>	<u>\$4,830,448.66</u>	



# Proposal

Corporate: 11011 N. 23rd Ave. Phoenix, AZ 85029

Office: 623-582-1170|Fax: 623-582-3761

Tucson: 1904 W. Prince Rd. Tucson, AZ 85705

Office: 520-207-8228|Fax: 520-305-3323

AZ Licenses: ROC-089744 A General Contracting












































ROC-111282 B-04 General Engineering














































## Equipment and Crew Composition

<b>Project Name:</b>	Chandler Dobson Water Install Project	<b>Customer:</b>	City of Chandler
<b>Job Number:</b>	W22351	<b>Bid Number:</b>	W22351
<b>Bid As:</b>	B&F Contracting, Inc.	<b>Billing Address:</b>	Mail Stop 407, P.O. Box 4008 Chandler, AZ 85244 USA
<b>Estimator:</b>	Joshua Onstott	<b>Phone:</b>	4807823310
<b>Project Address:</b>	Chandler Blvd/ Dobson Rd, Chandler, AZ	<b>Contact:</b>	Melanie Sikes
<b>Completion Date:</b>	8/1/2024		









































## Pay Items














































Description	Job Cost ID	Task JC ID	Quantity	UM
<b>D 1 - Mobilization</b>			<b>1.00</b>	<b>LS</b>
Asphalt Mobilization (P1 Paving & Construction)			16.00	EACH
B&F Onsite Mobilization	10020010		50.00	TRIP
GC-Mobilization Crew (1.50 TRIP/DY, 33.33 DY, 8.00 HR/DY)			50.00	TRIP
Transport Truck			266.67	HR
Transport Trailer - 48 FT			266.67	HR
Truck Driver			266.67	HR
Grade And Plate Yard And Removal	10045030		2.00	DY
GC-Site/Yard Setup & Takedown Crew (1.00 DY/DY, 2.00 DY, 8.00 HR/DY)			2.00	DY
Truck - Crew			16.00	HR
Water Truck - 2000 Gal			16.00	HR
Foreman			16.00	HR
Operator: Small Equipment			16.00	HR
Pipelayer			16.00	HR
Laborer			16.00	HR
Water Truck Driver			16.00	HR
Aggregate - ABC Non Spec	100AA00004		825.00	TON
Fence Setup And Screen Install (0.33 LS/DY, 3.00 DY, 8.00 HR/DY)			1.00	LS
Truck - Crew			24.00	HR
Backhoe - Light			24.00	HR
Water Truck - 2000 Gal			24.00	HR
Foreman			24.00	HR
Operator: Small Equipment			24.00	HR
Laborer [2]			24.00	HR
Water Truck Driver			24.00	HR
Fence Screen			1.00	LS
Unload And Store Materials	10130010		10.00	DY
GC-Unload & String Pipe Crew (1.00 DY/DY, 10.00 DY, 8.00 HR/DY)			10.00	DY
Truck - Crew			80.00	HR
Backhoe - Light			80.00	HR
















































Description	Job Cost ID	Task JC ID	Quantity	UM
<b>(Item 1 - Mobilization continued)</b>				
 Water Truck - 2000 Gal			80.00	HR
 Foreman			80.00	HR
 Operator: Small Equipment			80.00	HR
 Pipelayer			80.00	HR
 Laborer			80.00	HR
 Water Truck Driver			80.00	HR
 Project Signage			1.00	LS
 Cold Mix			300.00	TON
 Office Power, Internet, And Equipping			1.00	LS
<b>D 2 - SWPPP</b>			<b>10.00</b>	<b>MO</b>
 SWPP Inspections (Argus Construction Services)			25.00	UNIT
 SWPP Maintenance Site Clean Up (1.00 MO/DY, 10.00 DY, 8.00 HR/DY)			10.00	MO
 Truck - Crew			80.00	HR
 Skip Loader - 1.3 CY			80.00	HR
 Foreman			80.00	HR
 Operator: Small Equipment			80.00	HR
 Laborer			80.00	HR
 Buy / Replace SWPPP Material			1.00	LS
 Water Tower - 12000 Gal			1,760.00	HR
 Sweeper			10.00	MO
 Water Support			10.00	MO
 Water Truck - 2000 Gal [0.5]			1,760.00	HR
 Water Truck Driver [0.5]			1,760.00	HR
 Wash Out			10.00	EACH
 SWPPP Dust Control Inspection (Argus Construction Services)			25.00	EACH
 Dust Sign (Argus Construction Services)			1.00	EACH
 Install And Remove SWPPP Sign			1.00	LS
<b>D 7 - Place And Fine Grade ABC Prior To Pavement</b>			<b>3,345.00</b>	<b>SY</b>
 Fine Grade Trench			3,345.00	SY
 Subgrade Preparation (281.72 SY/DY, 11.87 DY, 8.00 HR/DY)			3,345.00	SY
 Skip Loader - 1.3 CY			94.99	HR
 Asphalt Roller - 57in-67in			94.99	HR
 Water Truck - 2000 Gal			94.99	HR
 Truck - Crew			94.99	HR
 Operator: Small Equipment [2]			94.99	HR
 Laborer [2]			94.99	HR
 Water Truck Driver			94.99	HR
 Foreman			94.99	HR
<b>D 8 - Remove And Replace Curb And Gutter MAG Standard Detail 230</b>			<b>2,830.00</b>	<b>LF</b>
 Curb And Gutter Remove & Replacement			2,830.00	LF
 CP-Concrete Demo Curb & Gutter Crew (750.00 LF/DY, 3.77 DY, 8.00 HR/DY)			2,830.00	LF
 Truck - Crew			30.19	HR
 Backhoe - Light			30.19	HR
 Dump Truck - 10 Wheel			30.19	HR
 Water Truck - 2000 Gal			30.19	HR
 Foreman			30.19	HR














































Description	Job Cost ID	Task JC ID	Quantity	UM
<b>(Item 8 - Remove And Replace Curb And Gutter MAG Standard Detail 230 continued)</b>				
 Operator: Small Equipment			30.19	HR
 Laborer [2]			30.19	HR
 Truck Driver			30.19	HR
 Water Truck Driver			30.19	HR
 CP-Concrete Curb & Gutter Crew (165.00 LF/DY, 17.15 DY, 8.00 HR/DY)			2,830.00	LF
 Truck - Crew			137.21	HR
 Box Trailer			137.21	HR
 Skid Steer			137.21	HR
 Foreman			137.21	HR
 Concrete Finisher [3]			137.21	HR
 Operator: Small Equipment			137.21	HR
 Laborer [2]			137.21	HR
 Form, Cure, Stakes			1.00	LS
 Aggregate - ABC MAG Spec	100AA00003		124.30	TON
 Ready Mix Concrete - MAG B 2500	135ZZ00004		165.90	CY
 Trucking (8.53 DY, 0.54 Trucks, 41.47 LF/HR)			2,830.00	LF
 Dump Fee - Concrete	95040040		16.00	LOAD
<b>D 9 - Remove And Replace Sidewalk MAG Standard Detail 230</b>			<b>3,236.00</b>	<b>SF</b>
 Remove And Replace Concrete Sidewalk			3,236.00	SF
 CP-Concrete Demo Sidewalk Crew (650.00 SF/DY, 4.98 DY, 8.00 HR/DY)			3,236.00	SF
 Truck - Crew			39.83	HR
 Backhoe - Light			39.83	HR
 Dump Truck - 10 Wheel			39.83	HR
 Foreman			39.83	HR
 Operator: Small Equipment			39.83	HR
 Laborer			39.83	HR
 Truck Driver			39.83	HR
 Subgrade Preparation (469.44 SY/DY, 6.89 DY, 8.00 HR/DY)			3,236.00	SY
 Skip Loader - 1.3 CY			55.15	HR
 Asphalt Roller - 57in-67in			55.15	HR
 Water Truck - 2000 Gal			55.15	HR
 Truck - Crew			55.15	HR
 Operator: Small Equipment [2]			55.15	HR
 Laborer [2]			55.15	HR
 Water Truck Driver			55.15	HR
 Foreman			55.15	HR
 CP-Concrete Sidewalk Crew (200.00 SF/DY, 16.18 DY, 8.00 HR/DY)			3,236.00	SF
 Truck - Crew			129.44	HR
 Box Trailer			129.44	HR
 Skid Steer			129.44	HR
 Foreman			129.44	HR
 Concrete Finisher [3]			129.44	HR
 Laborer			129.44	HR
 Operator: Small Equipment			129.44	HR
 Forms, Cure, Stakes			1.00	LS
 Aggregate - ABC MAG Spec	100AA00003		62.70	TON



















































































Description	Job Cost ID	Task JC ID	Quantity	UM
<b>(Item 9 - Remove And Replace Sidewalk MAG Standard Detail 230 continued)</b>				
 Ready Mix Concrete - MAG B 2500	135ZZ00004		42.00	CY
 Dump Fee - Concrete	95040040		3.00	LOAD
<b>D 10 - Sawcut, Remove, And Replace Pavement MAG Standard Detail 200-1 &amp; 200-2</b>			<b>3,345.00</b>	<b>SY</b>
<b>D</b> Remove Existing AC Trench Paving			3,345.00	SY
 CP-Sawcutting Large Crew (291.00 SY/DY, 11.49 DY, 8.00 HR/DY)			3,345.00	SY
 Truck - Crew			91.96	HR
 Water Truck - 2000 Gal			91.96	HR
 Walk Behind Saw - 57 HP			91.96	HR
 Foreman			91.96	HR
 Operator: Small Equipment			91.96	HR
 Laborer [2]			91.96	HR
 CP-Asphalt Demo Crew (291.00 SY/DY, 11.49 DY, 8.00 HR/DY)			3,345.00	SY
 Truck - Crew			91.96	HR
 Dump Truck - 10 Wheel			91.96	HR
 Water Truck - 2000 Gal			91.96	HR
 Foreman			91.96	HR
 Operator: Small Equipment [2]			91.96	HR
 Laborer [2]			91.96	HR
 Truck Driver			91.96	HR
 Water Truck Driver			91.96	HR
 Excavator - 35k LB			91.96	HR
 Backhoe - Light			91.96	HR
<b>S</b> Replace AC Trench Paving (P1 Paving & Construction)			3,345.00	SY
<b>D 13 - Remove And Replace Valley Gutter &amp; Apron Standard Detail 240</b>			<b>1,232.00</b>	<b>SF</b>
<b>D</b> Chandler Blvd			1,232.00	SF
 CP-Concrete Valley Gutter Crew (163.56 SF/DY, 7.53 DY, 8.00 HR/DY)			1,232.00	SF
 Truck - Crew			60.26	HR
 Box Trailer			60.26	HR
 Skid Steer			60.26	HR
 Foreman			60.26	HR
 Concrete Finisher [4]			60.26	HR
 Operator: Small Equipment			60.26	HR
 Laborer			60.26	HR
 CP-Concrete Demo Valley Gutter Crew (336.00 SF/DY, 3.67 DY, 8.00 HR/DY)			1,232.00	SF
 Truck - Crew			29.33	HR
 Backhoe - Light			29.33	HR
 Dump Truck - 10 Wheel			29.33	HR
 Water Truck - 2000 Gal			29.33	HR
 Foreman			29.33	HR
 Operator: Small Equipment			29.33	HR
 Pipelayer			29.33	HR
 Laborer			29.33	HR
 Truck Driver			29.33	HR
 Water Truck Driver			29.33	HR
 Hydraulic Hammer - 800 FT LB			29.33	HR
















































Description	Job Cost ID	Task JC ID	Quantity	UM
<b>(Item 13 - Remove And Replace Valley Gutter &amp; Apron Standard Detail 240 continued)</b>				
 CP-Sawcutting Small Crew (368.00 LF/DY, 3.35 DY, 8.00 HR/DY)			1,232.00	LF
 Truck - Crew			26.78	HR
 Walk Behind Saw - 44 HP			26.78	HR
 Foreman			26.78	HR
 Laborer [2]			26.78	HR
 Material Per Bid Item			1.00	LS
 Aggregate - ABC MAG Spec	100AA00003		60.50	TON
 Ready Mix Concrete - MAG A 3000	135ZZ00001		34.65	CY
 Subgrade Preparation (280.56 SY/DY, 4.39 DY, 8.00 HR/DY)			1,232.00	SY
 Skip Loader - 1.3 CY			35.13	HR
 Asphalt Roller - 57in-67in			35.13	HR
 Water Truck - 2000 Gal			35.13	HR
 Truck - Crew			35.13	HR
 Operator: Small Equipment [2]			35.13	HR
 Laborer [2]			35.13	HR
 Water Truck Driver			35.13	HR
 Foreman			35.13	HR
<b>D 14 - Replace Concrete Bus Bay COC Standard</b>			<b>729.00</b>	<b>SF</b>
 Chandler Blvd			234.00	SF
 CP-Concrete Valley Gutter Crew (163.56 SF/DY, 1.43 DY, 8.00 HR/DY)			234.00	SF
 Truck - Crew			11.45	HR
 Box Trailer			11.45	HR
 Skid Steer			11.45	HR
 Foreman			11.45	HR
 Concrete Finisher [4]			11.45	HR
 Operator: Small Equipment			11.45	HR
 Laborer			11.45	HR
 CP-Concrete Demo Valley Gutter Crew (336.00 SF/DY, 0.70 DY, 8.00 HR/DY)			234.00	SF
 Truck - Crew			5.57	HR
 Backhoe - Light			5.57	HR
 Dump Truck - 10 Wheel			5.57	HR
 Water Truck - 2000 Gal			5.57	HR
 Foreman			5.57	HR
 Operator: Small Equipment			5.57	HR
 Pipelayer			5.57	HR
 Laborer			5.57	HR
 Truck Driver			5.57	HR
 Water Truck Driver			5.57	HR
 Hydraulic Hammer - 800 FT LB			5.57	HR
 Subgrade Preparation (235.00 SY/DY, 1.00 DY, 8.00 HR/DY)			234.00	SY
 Skip Loader - 1.3 CY			7.97	HR
 Asphalt Roller - 57in-67in			7.97	HR
 Water Truck - 2000 Gal			7.97	HR
 Truck - Crew			7.97	HR
 Operator: Small Equipment [2]			7.97	HR
 Laborer [2]			7.97	HR















































Description	Job Cost ID	Task JC ID	Quantity	UM
<b>(Item 14 - Replace Concrete Bus Bay COC Standard continued)</b>				
 Water Truck Driver			7.97	HR
 Foreman			7.97	HR
 Material Per Bid Item			1.00	LS
 Aggregate - ABC MAG Spec	100AA00003		14.30	TON
 Ready Mix Concrete - MAG A 3000	135ZZ00001		8.40	CY
 Chandler Blvd			229.00	SF
 CP-Concrete Valley Gutter Crew (163.57 SF/DY, 1.40 DY, 8.00 HR/DY)			229.00	SF
 Truck - Crew			11.20	HR
 Box Trailer			11.20	HR
 Skid Steer			11.20	HR
 Foreman			11.20	HR
 Concrete Finisher [4]			11.20	HR
 Operator: Small Equipment			11.20	HR
 Laborer			11.20	HR
 CP-Concrete Demo Valley Gutter Crew (336.00 SF/DY, 0.68 DY, 8.00 HR/DY)			229.00	SF
 Truck - Crew			5.45	HR
 Backhoe - Light			5.45	HR
 Dump Truck - 10 Wheel			5.45	HR
 Water Truck - 2000 Gal			5.45	HR
 Foreman			5.45	HR
 Operator: Small Equipment			5.45	HR
 Pipelayer			5.45	HR
 Laborer			5.45	HR
 Truck Driver			5.45	HR
 Water Truck Driver			5.45	HR
 Hydraulic Hammer - 800 FT LB			5.45	HR
 Subgrade Preparation (229.00 SY/DY, 1.00 DY, 8.00 HR/DY)			229.00	SY
 Skip Loader - 1.3 CY			8.00	HR
 Asphalt Roller - 57in-67in			8.00	HR
 Water Truck - 2000 Gal			8.00	HR
 Truck - Crew			8.00	HR
 Operator: Small Equipment [2]			8.00	HR
 Laborer [2]			8.00	HR
 Water Truck Driver			8.00	HR
 Foreman			8.00	HR
 Material Per Bid Item			1.00	LS
 Aggregate - ABC MAG Spec	100AA00003		13.20	TON
 Ready Mix Concrete - MAG A 3000	135ZZ00001		8.40	CY
 Trucking (2.00 DY, 1.12 Trucks, 45.56 SF/HR)			729.00	SF
 Dump Fee - Concrete	95040040		5.00	LOAD
 Chandler Blvd			265.00	SF
 CP-Concrete Valley Gutter Crew (163.57 SF/DY, 1.62 DY, 8.00 HR/DY)			265.00	SF
 Truck - Crew			12.96	HR
 Box Trailer			12.96	HR
 Skid Steer			12.96	HR
 Foreman			12.96	HR
 Concrete Finisher [4]			12.96	HR

Description	Job Cost ID	Task JC ID	Quantity	UM
<b>(Item 14 - Replace Concrete Bus Bay COC Standard continued)</b>				
 Operator: Small Equipment			12.96	HR
 Laborer			12.96	HR
 CP-Concrete Demo Valley Gutter Crew (500.00 SF/DY, 0.53 DY, 8.00 HR/DY)			265.00	SF
 Truck - Crew			4.24	HR
 Backhoe - Light			4.24	HR
 Dump Truck - 10 Wheel			4.24	HR
 Water Truck - 2000 Gal			4.24	HR
 Foreman			4.24	HR
 Operator: Small Equipment			4.24	HR
 Pipelayer			4.24	HR
 Laborer			4.24	HR
 Truck Driver			4.24	HR
 Water Truck Driver			4.24	HR
 Hydraulic Hammer - 800 FT LB			4.24	HR
 Subgrade Preparation (250.00 SY/DY, 1.06 DY, 8.00 HR/DY)			265.00	SY
 Skip Loader - 1.3 CY			8.48	HR
 Asphalt Roller - 57in-67in			8.48	HR
 Water Truck - 2000 Gal			8.48	HR
 Truck - Crew			8.48	HR
 Operator: Small Equipment [2]			8.48	HR
 Laborer [2]			8.48	HR
 Water Truck Driver			8.48	HR
 Foreman			8.48	HR
 Material Per Bid Item			1.00	LS
 Aggregate - ABC MAG Spec	100AA00003		4.40	TON
 Ready Mix Concrete - MAG A 3000	135ZZ00001		8.40	CY
 CP-Sawcutting Small Crew (642.67 LF/DY, 1.13 DY, 8.00 HR/DY)			729.00	LF
 Truck - Crew			9.07	HR
 Walk Behind Saw - 44 HP			9.07	HR
 Foreman			9.07	HR
 Laborer [2]			9.07	HR
 Eco Pan	95040040		1.00	LOAD
<b>D 15 - Abandon In Place 12-inch ACP Watermain W/Grout MAG Std Spec 350</b>			<b>753.00</b>	<b>LF</b>
 Chandler Dobson Intersection Sta 100+00 To 102+00			325.00	LF
 Grouting Crew			1.00	EACH
 Truck - Crew			8.00	HR
 Operator: Small Equipment			8.00	HR
 Laborer			8.00	HR
 WL-Abandonment Crew (162.50 LF/DY, 2.00 DY, 8.00 HR/DY)			325.00	LF
 Truck - Crew			16.00	HR
 Backhoe - Light			16.00	HR
 Foreman			16.00	HR
 Pipelayer			16.00	HR
 Laborer			16.00	HR
 Operator: Small Equipment			16.00	HR
 Miscellaneous-Materials	95040060		1.00	LS














































Description	Job Cost ID	Task JC ID	Quantity	UM
<b>(Item 15 - Abandon In Place 12-inch ACP Watermain W/Grout MAG Std Spec 350 continued)</b>				
 Grout - Mix	125AA00001		10.50	TON
 Grout Pump			1.00	EACH
 Chandler Blvd Sta 28+00 To Sta 33+00			240.00	LF
 Chandler Dobson Intersection Sta 100+00 To 102+00			240.00	LF
 WL-Abandonment Crew (162.50 LF/DY, 1.48 DY, 8.00 HR/DY)			240.00	LF
 Truck - Crew			11.82	HR
 Backhoe - Light			11.82	HR
 Foreman			11.82	HR
 Pipelayer			11.82	HR
 Laborer			11.82	HR
 Operator: Small Equipment			11.82	HR
 Miscellaneous-Materials	95040060		1.00	LS
 Grout - Mix	125AA00001		7.35	TON
 Grout Pump			1.00	EACH
 Grout Crew			1.00	EACH
 Grouting Crew			1.00	EACH
 Truck - Crew			8.00	HR
 Operator: Small Equipment			8.00	HR
 Laborer			8.00	HR
 Chandler BLVD Sta 42+50 To Sta 47+50			8.00	LF
 WL-Abandonment Crew (162.50 LF/DY, 0.05 DY, 8.00 HR/DY)			8.00	LF
 Truck - Crew			0.39	HR
 Backhoe - Light			0.39	HR
 Foreman			0.39	HR
 Pipelayer			0.39	HR
 Laborer			0.39	HR
 Operator: Small Equipment			0.39	HR
 Miscellaneous-Materials	95040060		1.00	LS
 Grout - Mix	125AA00001		1.05	TON
 Grout Pump			1.00	EACH
 Grout Crew			1.00	EACH
 Grouting Crew			1.00	EACH
 Truck - Crew [0.5]			8.00	HR
 Operator: Small Equipment [0.5]			8.00	HR
 Laborer [0.5]			8.00	HR
 Chandler Blvd And Arrowhead Dr			180.00	LF
 WL-Abandonment Crew (162.50 LF/DY, 1.11 DY, 8.00 HR/DY)			180.00	LF
 Truck - Crew			8.86	HR
 Backhoe - Light			8.86	HR
 Foreman			8.86	HR
 Pipelayer			8.86	HR
 Laborer			8.86	HR
 Operator: Small Equipment			8.86	HR
 Miscellaneous-Materials	95040060		0.25	LS
 Grout - Mix	125AA00001		5.67	TON
 Grout Pump			1.00	EACH
 Grouting Crew			1.00	EACH










































Description	Job Cost ID	Task JC ID	Quantity	UM
<i>(Item 15 - Abandon In Place 12-inch ACP Watermain W/Grout MAG Std Spec 350 continued)</i>				
 Truck - Crew			8.00	HR
 Operator: Small Equipment			8.00	HR
 Laborer			8.00	HR
<b>D 16 - Abandon In Place 12-Inch CIP Watermain W/Grout MAG Std Spec 350</b>			<b>4,205.00</b>	<b>LF</b>
<b>D</b> Chandler Blvd Sta 28+00 To Sta 33+00			283.00	LF
<b>D</b> Grouting Crew			1.00	EACH
 Truck - Crew			8.00	HR
 Operator: Small Equipment			8.00	HR
 Laborer			8.00	HR
 WL-Abandonment Crew (162.50 LF/DY, 1.74 DY, 8.00 HR/DY)			283.00	LF
 Truck - Crew			13.93	HR
 Backhoe - Light			13.93	HR
 Foreman			13.93	HR
 Pipelayer			13.93	HR
 Laborer			13.93	HR
 Operator: Small Equipment			13.93	HR
<b>Q</b> Miscellaneous-Materials	95040060		1.00	LS
 Grout - Mix	125AA00001		8.64	TON
<b>Q</b> Grout Pump			1.00	EACH
<b>D</b> Chandler Blvd Sta 33+00 To Sta 38+00			481.00	LF
<b>Q</b> Miscellaneous-Materials	95040060		1.00	LS
 Grout - Mix	125AA00001		14.70	TON
 WL-Abandonment Crew (162.50 LF/DY, 2.96 DY, 8.00 HR/DY)			481.00	LF
 Truck - Crew			23.68	HR
 Backhoe - Light			23.68	HR
 Foreman			23.68	HR
 Pipelayer			23.68	HR
 Laborer			23.68	HR
 Operator: Small Equipment			23.68	HR
<b>Q</b> Grout Pump			1.00	EACH
<b>D</b> Grouting Crew			1.00	EACH
 Truck - Crew			8.00	HR
 Operator: Small Equipment			8.00	HR
 Laborer			8.00	HR
<b>D</b> Chandler Blvd Sta 38+00 To Sta 42+50			450.00	LF
<b>Q</b> Miscellaneous-Materials	95040060		1.00	LS
 Grout - Mix	125AA00001		13.65	TON
 WL-Abandonment Crew (162.50 LF/DY, 2.77 DY, 8.00 HR/DY)			450.00	LF
 Truck - Crew			22.15	HR
 Backhoe - Light			22.15	HR
 Foreman			22.15	HR
 Pipelayer			22.15	HR
 Laborer			22.15	HR
 Operator: Small Equipment			22.15	HR
<b>Q</b> Grout Pump			1.00	EACH
<b>D</b> Grouting Crew			1.00	EACH














































Description	Job Cost ID	Task JC ID	Quantity	UM
<b>(Item 16 - Abandon In Place 12-Inch CIP Watermain W/Grout MAG Std Spec 350 continued)</b>				
 Truck - Crew			8.00	HR
 Operator: Small Equipment			8.00	HR
 Laborer			8.00	HR
 Chandler Blvd Sta 42+50 To Sta 47+50			500.00	LF
 Miscellaneous-Materials	95040060		1.00	LS
 Grout - Mix	125AA00001		15.75	TON
 WL-Abandonment Crew (162.50 LF/DY, 3.08 DY, 8.00 HR/DY)			500.00	LF
 Truck - Crew			24.62	HR
 Backhoe - Light			24.62	HR
 Foreman			24.62	HR
 Pipelayer			24.62	HR
 Laborer			24.62	HR
 Operator: Small Equipment			24.62	HR
 Grout Pump			1.00	EACH
 Grouting Crew			1.00	EACH
 Truck - Crew			8.00	HR
 Operator: Small Equipment			8.00	HR
 Laborer			8.00	HR
 Chandler Blvd Sta 47+50 To Sta 52+50			500.00	LF
 Miscellaneous-Materials	95040060		1.00	LS
 Grout - Mix	125AA00001		16.80	TON
 WL-Abandonment Crew (162.50 LF/DY, 3.08 DY, 8.00 HR/DY)			500.00	LF
 Truck - Crew			24.62	HR
 Backhoe - Light			24.62	HR
 Foreman			24.62	HR
 Pipelayer			24.62	HR
 Laborer			24.62	HR
 Operator: Small Equipment			24.62	HR
 Grout Pump			1.00	EACH
 Grouting Crew			1.00	EACH
 Truck - Crew			8.00	HR
 Operator: Small Equipment			8.00	HR
 Laborer			8.00	HR
 Chandler Blvd Sta 52+50 To Sta 57+50			340.00	LF
 Miscellaneous-Materials	95040060		1.00	LS
 Grout - Mix	125AA00001		10.50	TON
 WL-Abandonment Crew (162.50 LF/DY, 2.09 DY, 8.00 HR/DY)			340.00	LF
 Truck - Crew			16.74	HR
 Backhoe - Light			16.74	HR
 Foreman			16.74	HR
 Pipelayer			16.74	HR
 Laborer			16.74	HR
 Operator: Small Equipment			16.74	HR
 Grout Pump			1.00	EACH
 Grouting Crew			1.00	EACH
 Truck - Crew			8.00	HR
 Operator: Small Equipment			8.00	HR






































Description	Job Cost ID	Task JC ID	Quantity	UM
<i>(Item 16 - Abandon In Place 12-Inch CIP Watermain W/Grout MAG Std Spec 350 continued)</i>				
 Laborer			8.00	HR
 Chandler Blvd Sta 57+50 To Sta 61+50			371.00	LF
 Miscellaneous-Materials	95040060		1.00	LS
 Grout - Mix	125AA00001		11.55	TON
 WL-Abandonment Crew (250.00 LF/DY, 1.48 DY, 8.00 HR/DY)			371.00	LF
 Truck - Crew			11.87	HR
 Backhoe - Light			11.87	HR
 Foreman			11.87	HR
 Pipelayer			11.87	HR
 Laborer			11.87	HR
 Operator: Small Equipment			11.87	HR
 Grout Pump			1.00	EACH
 Grouting Crew			1.00	EACH
 Truck - Crew			8.00	HR
 Operator: Small Equipment			8.00	HR
 Laborer			8.00	HR
 Chandler Blvd Sta 61+50 To Sta 66+50			500.00	LF
 Miscellaneous-Materials	95040060		1.00	LS
 Grout - Mix	125AA00001		15.75	TON
 Subcontracted-Concrete Pump Truck			1.00	DY
 WL-Abandonment Crew (162.50 LF/DY, 3.08 DY, 8.00 HR/DY)			500.00	LF
 Truck - Crew			24.62	HR
 Backhoe - Light			24.62	HR
 Foreman			24.62	HR
 Pipelayer			24.62	HR
 Laborer			24.62	HR
 Operator: Small Equipment			24.62	HR
 Grouting Crew			1.00	EACH
 Truck - Crew			8.00	HR
 Operator: Small Equipment			8.00	HR
 Laborer			8.00	HR
 Chandler Blvd Sta 66+50 To Sta 71+00			450.00	LF
 Miscellaneous-Materials	95040060		1.00	LS
 Grout - Mix	125AA00001		13.65	TON
 WL-Abandonment Crew (162.50 LF/DY, 2.77 DY, 8.00 HR/DY)			450.00	LF
 Truck - Crew			22.15	HR
 Backhoe - Light			22.15	HR
 Foreman			22.15	HR
 Pipelayer			22.15	HR
 Laborer			22.15	HR
 Operator: Small Equipment			22.15	HR
 Grout Pump			1.00	EACH
 Grouting Crew			1.00	EACH
 Truck - Crew			8.00	HR
 Operator: Small Equipment			8.00	HR
 Laborer			8.00	HR
 Chandler Blvd Sta 71+00 To Sta 76+00			330.00	LF
























































Description	Job Cost ID	Task JC ID	Quantity	UM
<b>(Item 16 - Abandon In Place 12-Inch CIP Watermain W/Grout MAG Std Spec 350 continued)</b>				
 Miscellaneous-Materials	95040060		1.00	LS
 Grout - Mix	125AA00001		10.50	TON
 WL-Abandonment Crew (162.50 LF/DY, 2.03 DY, 8.00 HR/DY)			330.00	LF
 Truck - Crew			16.25	HR
 Backhoe - Light			16.25	HR
 Foreman			16.25	HR
 Pipelayer			16.25	HR
 Laborer			16.25	HR
 Operator: Small Equipment			16.25	HR
 Grout Pump			1.00	EACH
 Grouting Crew			1.00	EACH
 Truck - Crew			8.00	HR
 Operator: Small Equipment			8.00	HR
 Laborer			8.00	HR
<b>D 17 - Abandon In Place 8-inch ACP Watermain W/Grout MAG Std Spec 350</b>			<b>94.00</b>	<b>LF</b>
 Chandler Blvd Sta 28+00 To Sta 33+00			40.00	LF
 WL-Abandonment Crew (162.50 LF/DY, 0.25 DY, 8.00 HR/DY)			40.00	LF
 Truck - Crew			1.97	HR
 Backhoe - Light			1.97	HR
 Foreman			1.97	HR
 Pipelayer			1.97	HR
 Laborer			1.97	HR
 Operator: Small Equipment			1.97	HR
 Miscellaneous-Materials	95040060		1.00	LS
 Grout - Mix	125AA00001		5.25	TON
 Grout Pump			1.00	EACH
 Grouting Crew			1.00	EACH
 Truck - Crew			4.00	HR
 Operator: Small Equipment			4.00	HR
 Laborer			4.00	HR
 Chandler Blvd W2			20.00	LF
 WL-Abandonment Crew (162.50 LF/DY, 0.12 DY, 8.00 HR/DY)			20.00	LF
 Truck - Crew			0.98	HR
 Backhoe - Light			0.98	HR
 Foreman			0.98	HR
 Pipelayer			0.98	HR
 Laborer			0.98	HR
 Operator: Small Equipment			0.98	HR
 Miscellaneous-Materials	95040060		1.00	LS
 Grout - Mix	125AA00001		1.05	TON
 Grout Pump			1.00	EACH
 Grouting Crew			1.00	EACH
 Truck - Crew			4.00	HR
 Operator: Small Equipment			4.00	HR
 Laborer			4.00	HR
 Chandler Blvd W5			6.00	LF
















































Description	Job Cost ID	Task JC ID	Quantity	UM
<b>(Item 17 - Abandon In Place 8-inch ACP Watermain W/Grout MAG Std Spec 350 continued)</b>				
 WL-Abandonment Crew (162.50 LF/DY, 0.04 DY, 8.00 HR/DY)			6.00	LF
 Truck - Crew			0.30	HR
 Backhoe - Light			0.30	HR
 Foreman			0.30	HR
 Pipelayer			0.30	HR
 Laborer			0.30	HR
 Operator: Small Equipment			0.30	HR
 Miscellaneous-Materials	95040060		1.00	LS
 Grout - Mix	125AA00001		1.05	TON
<hr/>				
<b>D 18 - Abandon In Place 8-inch CIP Watermain W/Grout MAG Std Spec 350</b>			<b>43.00</b>	<b>LF</b>
<b>D</b> Chandler Blvd W19 & W20			43.00	LF
 WL-Abandonment Crew (162.50 LF/DY, 0.26 DY, 8.00 HR/DY)			43.00	LF
 Truck - Crew			2.12	HR
 Backhoe - Light			2.12	HR
 Foreman			2.12	HR
 Pipelayer			2.12	HR
 Laborer			2.12	HR
 Operator: Small Equipment			2.12	HR
 Miscellaneous-Materials	95040060		1.00	LS
 Grout - Mix	125AA00001		5.25	TON
 Grout Pump			1.00	EACH
 Grouting Crew			1.00	EACH
 Truck - Crew			4.00	HR
 Operator: Small Equipment			4.00	HR
 Laborer			4.00	HR
<hr/>				
<b>D 19 - Abandon In Place 6-Inch ACP Watermain W/Grout MAG Std Spec 350</b>			<b>126.00</b>	<b>LF</b>
<b>D</b> Chandler Blvd Sta 47.50 To Sta 52+50			35.00	LF
 WL-Abandonment Crew (200.00 LF/DY, 0.18 DY, 8.00 HR/DY)			35.00	LF
 Truck - Crew			1.40	HR
 Backhoe - Light			1.40	HR
 Foreman			1.40	HR
 Pipelayer			1.40	HR
 Laborer			1.40	HR
 Operator: Small Equipment			1.40	HR
 Miscellaneous-Materials	95040060		1.00	LS
 Grout - Mix	125AA00001		1.05	TON
 Grout Pump			1.00	EACH
 Grouting Crew			1.00	EACH
 Truck - Crew			4.00	HR
 Operator: Small Equipment			4.00	HR
 Laborer			4.00	HR
<b>D</b> Chandler Blvd Sta 66+50 To Sta 71+00			30.00	LF
 WL-Abandonment Crew (200.00 LF/DY, 0.15 DY, 8.00 HR/DY)			30.00	LF
 Truck - Crew			1.20	HR
 Backhoe - Light			1.20	HR
 Foreman			1.20	HR














































Description	Job Cost ID	Task JC ID	Quantity	UM
<b>(Item 19 - Abandon In Place 6-Inch ACP Watermain W/Grout MAG Std Spec 350 continued)</b>				
 Pipelayer			1.20	HR
 Laborer			1.20	HR
 Operator: Small Equipment			1.20	HR
 Miscellaneous-Materials	95040060		1.00	LS
 Grout - Mix	125AA00001		1.05	TON
 Grout Pump			1.00	EACH
 Grouting Crew			1.00	EACH
 Truck - Crew			4.00	HR
 Operator: Small Equipment			4.00	HR
 Laborer			4.00	HR
 Chandler Blvd Sta 71+00 To Sta 76+00			61.00	LF
 WL-Abandonment Crew (200.00 LF/DY, 0.31 DY, 8.00 HR/DY)			61.00	LF
 Truck - Crew			2.44	HR
 Backhoe - Light			2.44	HR
 Foreman			2.44	HR
 Pipelayer			2.44	HR
 Laborer			2.44	HR
 Operator: Small Equipment			2.44	HR
 Miscellaneous-Materials	95040060		1.00	LS
 Grout - Mix	125AA00001		1.05	TON
 Grout Pump			1.00	EACH
 Grouting Crew			1.00	EACH
 Truck - Crew			4.00	HR
 Operator: Small Equipment			4.00	HR
 Laborer			4.00	HR
 <b>20 - Abandon 12-Inch Gate Valve In Closed Position MAG Std Det 350</b>			<b>11.00</b>	<b>EACH</b>
 Chandler Blvd Sta 42+50 To Sta 47+50			3.00	EACH
 Ready Mix - Slurry ABC Slurry 1/2 Sack	135AA00002		3.15	YARD
 SL-Plug Valve 12in Appurtenance Crew (5.00 EACH/DY, 0.60 DY, 8.00 HR/DY)			3.00	EACH
 Truck - Crew			4.80	HR
 Backhoe - Light			4.80	HR
 Water Truck - 2000 Gal			4.80	HR
 Foreman			4.80	HR
 Operator: Small Equipment			4.80	HR
 Pipelayer			4.80	HR
 Laborer			4.80	HR
 Water Truck Driver			4.80	HR
 Chandler Blvd Sta 52+50 To Sta 57+50			2.00	EACH
 Ready Mix - Slurry ABC Slurry 1/2 Sack	135AA00002		2.10	YARD
 SL-Plug Valve 12in Appurtenance Crew (5.00 EACH/DY, 0.40 DY, 8.00 HR/DY)			2.00	EACH
 Truck - Crew			3.20	HR
 Backhoe - Light			3.20	HR
 Water Truck - 2000 Gal			3.20	HR
 Foreman			3.20	HR
 Operator: Small Equipment			3.20	HR












































Description	Job Cost ID	Task JC ID	Quantity	UM
<i>(Item 20 - Abandon 12-Inch Gate Valve In Closed Position MAG Std Det 350 continued)</i>				
 Pipelayer			3.20	HR
 Laborer			3.20	HR
 Water Truck Driver			3.20	HR
 Chandler Blvd Sta 66+50 To Sta 71+00			4.00	EACH
 SL-Plug Valve 12in Appurtenance Crew (5.00 EACH/DY, 0.80 DY, 8.00 HR/DY)			4.00	EACH
 Truck - Crew			6.40	HR
 Backhoe - Light			6.40	HR
 Water Truck - 2000 Gal			6.40	HR
 Foreman			6.40	HR
 Operator: Small Equipment			6.40	HR
 Pipelayer			6.40	HR
 Laborer			6.40	HR
 Water Truck Driver			6.40	HR
 Ready Mix - Slurry ABC Slurry 1/2 Sack	135AA00002		4.20	YARD
 Chandler Blvd Sta 71+00 To Sta 76+00			1.00	EACH
 SL-Plug Valve 12in Appurtenance Crew (5.00 EACH/DY, 0.20 DY, 8.00 HR/DY)			1.00	EACH
 Truck - Crew			1.60	HR
 Backhoe - Light			1.60	HR
 Water Truck - 2000 Gal			1.60	HR
 Foreman			1.60	HR
 Operator: Small Equipment			1.60	HR
 Pipelayer			1.60	HR
 Laborer			1.60	HR
 Water Truck Driver			1.60	HR
 Ready Mix - Slurry ABC Slurry 1/2 Sack	135AA00002		1.05	YARD
 Chandler Blvd Sta 28+00 To Sta 33+00			1.00	EACH
 SL-Plug Valve 12in Appurtenance Crew (5.00 EACH/DY, 0.20 DY, 8.00 HR/DY)			1.00	EACH
 Truck - Crew			1.60	HR
 Backhoe - Light			1.60	HR
 Water Truck - 2000 Gal			1.60	HR
 Foreman			1.60	HR
 Operator: Small Equipment			1.60	HR
 Pipelayer			1.60	HR
 Laborer			1.60	HR
 Water Truck Driver			1.60	HR
 Ready Mix - Slurry ABC Slurry 1/2 Sack	135AA00002		1.05	YARD
 Concrete - Short Load Fee			2.80	EACH

 <b>21 - Abandon 8-Inch Gate Valve In Closed Position Standard Detail 350</b>			<b>8.00</b>	<b>EACH</b>
 Chandler Blvd Sta 28+00 To Sta 33+00			1.00	EACH
 WL-Abandon Crew (5.00 EACH/DY, 0.20 DY, 8.00 HR/DY)			1.00	EACH
 Truck - Crew			1.60	HR
 Backhoe - Light			1.60	HR
 Water Truck - 2000 Gal			1.60	HR
 Foreman			1.60	HR













































Description	Job Cost ID	Task JC ID	Quantity	UM
<b>(Item 21 - Abandon 8-Inch Gate Valve In Closed Position Standard Detail 350 continued)</b>				
 Operator: Small Equipment			1.60	HR
 Pipelayer			1.60	HR
 Laborer			1.60	HR
 Water Truck Driver			1.60	HR
 Chandler Blvd Sta 38+00 To Sta 42+50			2.00	EACH
 WL-Abandon Crew (5.00 EACH/DY, 0.40 DY, 8.00 HR/DY)			2.00	EACH
 Truck - Crew			3.20	HR
 Backhoe - Light			3.20	HR
 Water Truck - 2000 Gal			3.20	HR
 Foreman			3.20	HR
 Operator: Small Equipment			3.20	HR
 Pipelayer			3.20	HR
 Laborer			3.20	HR
 Water Truck Driver			3.20	HR
 Chandler Bulv Sta 42+50 To Sta 47+50			2.00	EACH
 WL-Abandon Crew (5.00 EACH/DY, 0.40 DY, 8.00 HR/DY)			2.00	EACH
 Truck - Crew			3.20	HR
 Backhoe - Light			3.20	HR
 Water Truck - 2000 Gal			3.20	HR
 Foreman			3.20	HR
 Operator: Small Equipment			3.20	HR
 Pipelayer			3.20	HR
 Laborer			3.20	HR
 Water Truck Driver			3.20	HR
 Chandler Blvd Sta 52+50 To Sta 57+50			3.00	EACH
 WL-Abandon Crew (5.00 EACH/DY, 0.60 DY, 8.00 HR/DY)			3.00	EACH
 Truck - Crew			4.80	HR
 Backhoe - Light			4.80	HR
 Water Truck - 2000 Gal			4.80	HR
 Foreman			4.80	HR
 Operator: Small Equipment			4.80	HR
 Pipelayer			4.80	HR
 Laborer			4.80	HR
 Water Truck Driver			4.80	HR
 Ready Mix - Slurry ABC Slurry 1/2 Sack	135AA00002		8.40	YARD
 Concrete - Short Load Fee			2.20	EACH
<b> 22 - Abandon 6-inch Gate Valve In Closed Position MAG Standard Detail 350</b>			<b>14.00</b>	<b>EACH</b>
 Chandler Blvd Sta 33+00 To Sta 38+00			1.00	EACH
 WL-Abandon Crew (5.00 EACH/DY, 0.20 DY, 8.00 HR/DY)			1.00	EACH
 Truck - Crew			1.60	HR
 Backhoe - Light			1.60	HR
 Water Truck - 2000 Gal			1.60	HR
 Foreman			1.60	HR
 Operator: Small Equipment			1.60	HR
 Pipelayer			1.60	HR
 Laborer			1.60	HR






























Description	Job Cost ID	Task JC ID	Quantity	UM
<b>(Item 22 - Abandon 6-inch Gate Valve In Closed Position MAG Standard Detail 350 continued)</b>				
 Water Truck Driver			1.60	HR
 Chandler Blvd Sta 47+50 To Sta 52+50			3.00	EACH
 WL-Abandon Crew (5.00 EACH/DY, 0.60 DY, 8.00 HR/DY)			3.00	EACH
 Truck - Crew			4.80	HR
 Backhoe - Light			4.80	HR
 Water Truck - 2000 Gal			4.80	HR
 Foreman			4.80	HR
 Operator: Small Equipment			4.80	HR
 Pipelayer			4.80	HR
 Laborer			4.80	HR
 Water Truck Driver			4.80	HR
 Chandler Blvd Sta 52+50 To Sta 57+50			3.00	EACH
 WL-Abandon Crew (5.00 EACH/DY, 0.60 DY, 8.00 HR/DY)			3.00	EACH
 Truck - Crew			4.80	HR
 Backhoe - Light			4.80	HR
 Water Truck - 2000 Gal			4.80	HR
 Foreman			4.80	HR
 Operator: Small Equipment			4.80	HR
 Pipelayer			4.80	HR
 Laborer			4.80	HR
 Water Truck Driver			4.80	HR
 Chandler Blvd Sta 57+50 To Sta 61+50			1.00	EACH
 WL-Abandon Crew (5.00 EACH/DY, 0.20 DY, 8.00 HR/DY)			1.00	EACH
 Truck - Crew			1.60	HR
 Backhoe - Light			1.60	HR
 Water Truck - 2000 Gal			1.60	HR
 Foreman			1.60	HR
 Operator: Small Equipment			1.60	HR
 Pipelayer			1.60	HR
 Laborer			1.60	HR
 Water Truck Driver			1.60	HR
 Chandler Blvd Sta 66+50 To Sta 71+00			2.00	EACH
 WL-Abandon Crew (5.00 EACH/DY, 0.40 DY, 8.00 HR/DY)			2.00	EACH
 Truck - Crew			3.20	HR
 Backhoe - Light			3.20	HR
 Water Truck - 2000 Gal			3.20	HR
 Foreman			3.20	HR
 Operator: Small Equipment			3.20	HR
 Pipelayer			3.20	HR
 Laborer			3.20	HR
 Water Truck Driver			3.20	HR
 Chandler Blvd Sta 71+00 To Sta 76+00			3.00	EACH
 WL-Abandon Crew (5.00 EACH/DY, 0.60 DY, 8.00 HR/DY)			3.00	EACH
 Truck - Crew			4.80	HR
 Backhoe - Light			4.80	HR
 Water Truck - 2000 Gal			4.80	HR
 Foreman			4.80	HR


Description	Job Cost ID	Task JC ID	Quantity	UM
<b>(Item 22 - Abandon 6-inch Gate Valve In Closed Position MAG Standard Detail 350 continued)</b>				
 Operator: Small Equipment			4.80	HR
 Pipelayer			4.80	HR
 Laborer			4.80	HR
 Water Truck Driver			4.80	HR
 Chandler Blvd Sta 33+00 To Sta 38+00			1.00	EACH
 WL-Abandon Crew (5.00 EACH/DY, 0.20 DY, 8.00 HR/DY)			1.00	EACH
 Truck - Crew			1.60	HR
 Backhoe - Light			1.60	HR
 Water Truck - 2000 Gal			1.60	HR
 Foreman			1.60	HR
 Operator: Small Equipment			1.60	HR
 Pipelayer			1.60	HR
 Laborer			1.60	HR
 Water Truck Driver			1.60	HR
 Ready Mix - Slurry ABC Slurry 1/2 Sack	135AA00002		14.70	YARD
 Concrete - Short Load Fee			2.20	EACH
<b> 23 - Abandon In Place Water Service Line</b>			<b>190.00</b>	<b>LF</b>
 Chandler Blvd Sta 33+00 To Sta 38+00			104.00	LF
 WL-Service Repair Appurtenance Crew (350.00 LF/DY, 0.30 DY, 8.00 HR/DY)			104.00	LF
 Truck - Crew			2.38	HR
 Backhoe - Light			2.38	HR
 Water Truck - 2000 Gal			2.38	HR
 Foreman			2.38	HR
 Operator: Small Equipment			2.38	HR
 Pipelayer			2.38	HR
 Laborer			2.38	HR
 Water Truck Driver			2.38	HR
 Aggregate - ABC MAG Spec	100AA00003		3.30	TON
 Chandler Blvd Sta 47+50 To Sta 52+50			43.00	LF
 WL-Service Repair Appurtenance Crew (350.00 LF/DY, 0.12 DY, 8.00 HR/DY)			43.00	LF
 Truck - Crew			0.98	HR
 Backhoe - Light			0.98	HR
 Water Truck - 2000 Gal			0.98	HR
 Foreman			0.98	HR
 Operator: Small Equipment			0.98	HR
 Pipelayer			0.98	HR
 Laborer			0.98	HR
 Water Truck Driver			0.98	HR
 Aggregate - ABC MAG Spec	100AA00003		2.20	TON
 Chandler Blvd Sta 38+00 To Sta 42+50			49.00	LF
 WL-Service Repair Appurtenance Crew (350.00 LF/DY, 0.14 DY, 8.00 HR/DY)			49.00	LF
 Truck - Crew			1.12	HR
 Backhoe - Light			1.12	HR
 Water Truck - 2000 Gal			1.12	HR
 Foreman			1.12	HR














































Description	Job Cost ID	Task JC ID	Quantity	UM
<i>(Item 23 - Abandon In Place Water Service Line continued)</i>				
 Operator: Small Equipment			1.12	HR
 Pipelayer			1.12	HR
 Laborer			1.12	HR
 Water Truck Driver			1.12	HR
 Aggregate - ABC MAG Spec	100AA00003		1.10	TON
<b>D 24 - Remove Existing Water Meter &amp; Salvage Meter To City</b>			<b>17.00</b>	<b>EACH</b>
 Chandler Blvd Sta 33+00 To Sta 38+00			3.00	EACH
 WL-Water Service Box & Cover Crew (5.00 EACH/DY, 0.60 DY, 8.00 HR/DY)			3.00	EACH
 Truck - Crew			4.80	HR
 Backhoe - Light			4.80	HR
 Water Truck - 2000 Gal			4.80	HR
 Foreman			4.80	HR
 Operator: Small Equipment			4.80	HR
 Pipelayer			4.80	HR
 Laborer			4.80	HR
 Water Truck Driver			4.80	HR
 Material Per Bid Item			1.00	LS
 Aggregate - ABC MAG Spec	100AA00003		1.65	TON
 Chandler Blvd Sta 38+00 To Sta 42+50			2.00	EACH
 WL-Water Service Box & Cover Crew (5.00 EACH/DY, 0.40 DY, 8.00 HR/DY)			2.00	EACH
 Truck - Crew			3.20	HR
 Backhoe - Light			3.20	HR
 Water Truck - 2000 Gal			3.20	HR
 Foreman			3.20	HR
 Operator: Small Equipment			3.20	HR
 Pipelayer			3.20	HR
 Laborer			3.20	HR
 Water Truck Driver			3.20	HR
 Material Per Bid Item			1.00	LS
 Aggregate - ABC MAG Spec	100AA00003		1.10	TON
 Chandler Blvd Sta 47+50 To Sta 52+50			3.00	EACH
 WL-Water Service Box & Cover Crew (5.00 EACH/DY, 0.60 DY, 8.00 HR/DY)			3.00	EACH
 Truck - Crew			4.80	HR
 Backhoe - Light			4.80	HR
 Water Truck - 2000 Gal			4.80	HR
 Foreman			4.80	HR
 Operator: Small Equipment			4.80	HR
 Pipelayer			4.80	HR
 Laborer			4.80	HR
 Water Truck Driver			4.80	HR
 Material Per Bid Item			1.00	LS
 Aggregate - ABC MAG Spec	100AA00003		1.65	TON
 Chandler Blvd Sta 57+50 To Sta 61+50			3.00	EACH
 WL-Water Service Box & Cover Crew (5.00 EACH/DY, 0.60 DY, 8.00 HR/DY)			3.00	EACH

















































































Description	Job Cost ID	Task JC ID	Quantity	UM
<b>(Item 24 - Remove Existing Water Meter &amp; Salvage Meter To City continued)</b>				
 Truck - Crew			4.80	HR
 Backhoe - Light			4.80	HR
 Water Truck - 2000 Gal			4.80	HR
 Foreman			4.80	HR
 Operator: Small Equipment			4.80	HR
 Pipelayer			4.80	HR
 Laborer			4.80	HR
 Water Truck Driver			4.80	HR
 Material Per Bid Item			1.00	LS
 Aggregate - ABC MAG Spec	100AA00003		1.65	TON
 Chandler Blvd Sta 61+50 To Sta 66+50			3.00	EACH
 WL-Water Service Box & Cover Crew (5.00 EACH/DY, 0.60 DY, 8.00 HR/DY)			3.00	EACH
 Truck - Crew			4.80	HR
 Backhoe - Light			4.80	HR
 Water Truck - 2000 Gal			4.80	HR
 Foreman			4.80	HR
 Operator: Small Equipment			4.80	HR
 Pipelayer			4.80	HR
 Laborer			4.80	HR
 Water Truck Driver			4.80	HR
 Material Per Bid Item			1.00	LS
 Aggregate - ABC MAG Spec	100AA00003		1.65	TON
 Chandler Blvd Sta 66+50 To Sta71+00			1.00	EACH
 WL-Water Service Box & Cover Crew (5.00 EACH/DY, 0.20 DY, 8.00 HR/DY)			1.00	EACH
 Truck - Crew			1.60	HR
 Backhoe - Light			1.60	HR
 Water Truck - 2000 Gal			1.60	HR
 Foreman			1.60	HR
 Operator: Small Equipment			1.60	HR
 Pipelayer			1.60	HR
 Laborer			1.60	HR
 Water Truck Driver			1.60	HR
 Material Per Bid Item			1.00	LS
 Aggregate - ABC MAG Spec	100AA00003		0.55	TON
 Chandler Blvd Sta 28+00 To Sta 33+00			1.00	EACH
 WL-Water Service Box & Cover Crew (5.00 EACH/DY, 0.20 DY, 8.00 HR/DY)			1.00	EACH
 Truck - Crew			1.60	HR
 Backhoe - Light			1.60	HR
 Water Truck - 2000 Gal			1.60	HR
 Foreman			1.60	HR
 Operator: Small Equipment			1.60	HR
 Pipelayer			1.60	HR
 Laborer			1.60	HR
 Water Truck Driver			1.60	HR
 Material Per Bid Item			1.00	LS
















































Description	Job Cost ID	Task JC ID	Quantity	UM
<b>(Item 24 - Remove Existing Water Meter &amp; Salvage Meter To City continued)</b>				
 Aggregate - ABC MAG Spec	100AA00003		0.55	TON
 Chandler Blvd Sta 57+50 To Sta 62+00			1.00	EACH
 WL-Water Service Box & Cover Crew (5.00 EACH/DY, 0.20 DY, 8.00 HR/DY)			1.00	EACH
 Truck - Crew			1.60	HR
 Backhoe - Light			1.60	HR
 Water Truck - 2000 Gal			1.60	HR
 Foreman			1.60	HR
 Operator: Small Equipment			1.60	HR
 Pipelayer			1.60	HR
 Laborer			1.60	HR
 Water Truck Driver			1.60	HR
 Material Per Bid Item			1.00	LS
 Aggregate - ABC MAG Spec	100AA00003		0.55	TON
 Trucking (1.00 DY, 2.13 Trucks, 2.13 EACH/HR)			17.00	EACH
<b> 25 - Remove Existing Hydrant Assembly</b>			<b>11.00</b>	<b>EACH</b>
 Chandler Blvd Sta 33+00 To Sta 38+00			1.00	EACH
 WL-Fire Hydrant Relocate Appurtenance Crew (3.00 EACH/DY, 0.33 DY, 8.00 HR/DY)			1.00	EACH
 Truck - Crew			2.67	HR
 Backhoe - Light			2.67	HR
 Water Truck - 2000 Gal			2.67	HR
 Foreman			2.67	HR
 Operator: Small Equipment			2.67	HR
 Pipelayer			2.67	HR
 Laborer			2.67	HR
 Water Truck Driver			2.67	HR
 Material Per Bid Item			1.00	LS
 Aggregate - ABC MAG Spec	100AA00003		3.30	TON
 Chandler Blvd Sta 47+50 To Sta 52+50			2.00	EACH
 WL-Fire Hydrant Relocate Appurtenance Crew (3.00 EACH/DY, 0.67 DY, 8.00 HR/DY)			2.00	EACH
 Truck - Crew			5.33	HR
 Backhoe - Light			5.33	HR
 Water Truck - 2000 Gal			5.33	HR
 Foreman			5.33	HR
 Operator: Small Equipment			5.33	HR
 Pipelayer			5.33	HR
 Laborer			5.33	HR
 Water Truck Driver			5.33	HR
 Material Per Bid Item			2.00	LS
 Aggregate - ABC MAG Spec	100AA00003		6.60	TON
 Chandler Blvd Sts 52+50 To Sta 57+50			2.00	EACH
 WL-Fire Hydrant Relocate Appurtenance Crew (3.00 EACH/DY, 0.67 DY, 8.00 HR/DY)			2.00	EACH
 Truck - Crew			5.33	HR
 Backhoe - Light			5.33	HR
 Water Truck - 2000 Gal			5.33	HR















































Description	Job Cost ID	Task JC ID	Quantity	UM
<b>(Item 25 - Remove Existing Hydrant Assembly continued)</b>				
 Foreman			5.33	HR
 Operator: Small Equipment			5.33	HR
 Pipelayer			5.33	HR
 Laborer			5.33	HR
 Water Truck Driver			5.33	HR
 Material Per Bid Item			2.00	LS
 Aggregate - ABC MAG Spec	100AA00003		6.60	TON
 Chandler Blvd Sta 57+50 To Sta 61+50			1.00	EACH
 WL-Fire Hydrant Relocate Appurtenance Crew (3.00 EACH/DY, 0.33 DY, 8.00 HR/DY)			1.00	EACH
 Truck - Crew			2.67	HR
 Backhoe - Light			2.67	HR
 Water Truck - 2000 Gal			2.67	HR
 Foreman			2.67	HR
 Operator: Small Equipment			2.67	HR
 Pipelayer			2.67	HR
 Laborer			2.67	HR
 Water Truck Driver			2.67	HR
 Material Per Bid Item			1.00	LS
 Aggregate - ABC MAG Spec	100AA00003		3.30	TON
 Chandler Blvd Sta 66+50 To Sta 71+00			1.00	EACH
 WL-Fire Hydrant Relocate Appurtenance Crew (3.00 EACH/DY, 0.33 DY, 8.00 HR/DY)			1.00	EACH
 Truck - Crew			2.67	HR
 Backhoe - Light			2.67	HR
 Water Truck - 2000 Gal			2.67	HR
 Foreman			2.67	HR
 Operator: Small Equipment			2.67	HR
 Pipelayer			2.67	HR
 Laborer			2.67	HR
 Water Truck Driver			2.67	HR
 Material Per Bid Item			1.00	LS
 Aggregate - ABC MAG Spec	100AA00003		3.30	TON
 Shoring	90200000		1.00	DY
 Chandler Blvd Sta 71+ 00 To Sta 76+00			2.00	EACH
 WL-Fire Hydrant Relocate Appurtenance Crew (3.00 EACH/DY, 0.67 DY, 8.00 HR/DY)			2.00	EACH
 Truck - Crew			5.33	HR
 Backhoe - Light			5.33	HR
 Water Truck - 2000 Gal			5.33	HR
 Foreman			5.33	HR
 Operator: Small Equipment			5.33	HR
 Pipelayer			5.33	HR
 Laborer			5.33	HR
 Water Truck Driver			5.33	HR
 Material Per Bid Item			2.00	LS
 Aggregate - ABC MAG Spec	100AA00003		6.60	TON
 Chandler Sta 33+00 To Sta 38+00			1.00	EACH

Description	Job Cost ID	Task JC ID	Quantity	UM
<b>(Item 25 - Remove Existing Hydrant Assembly continued)</b>				
 WL-Fire Hydrant Relocate Appurtenance Crew (3.00 EACH/DY, 0.33 DY, 8.00 HR/DY)			1.00	EACH
 Truck - Crew			2.67	HR
 Backhoe - Light			2.67	HR
 Water Truck - 2000 Gal			2.67	HR
 Foreman			2.67	HR
 Operator: Small Equipment			2.67	HR
 Pipelayer			2.67	HR
 Laborer			2.67	HR
 Water Truck Driver			2.67	HR
 Material Per Bid Item			1.00	LS
 Aggregate - ABC MAG Spec	100AA00003		3.30	TON
 Chandler Blvd Sta 57+50 To Sta 62+00			1.00	EACH
 WL-Fire Hydrant Relocate Appurtenance Crew (3.00 EACH/DY, 0.33 DY, 8.00 HR/DY)			1.00	EACH
 Truck - Crew			2.67	HR
 Backhoe - Light			2.67	HR
 Water Truck - 2000 Gal			2.67	HR
 Foreman			2.67	HR
 Operator: Small Equipment			2.67	HR
 Pipelayer			2.67	HR
 Laborer			2.67	HR
 Water Truck Driver			2.67	HR
 Material Per Bid Item			1.00	LS
 Aggregate - ABC MAG Spec	100AA00003		3.30	TON
 Trucking (1.00 DY, 0.50 Trucks, 0.25 EACH/HR)			2.00	EACH
 <b>26 - Remove 12-inch CIP</b>			<b>127.00</b>	<b>LF</b>
 Remove And Replace 12-Inch CIP			127.00	LF
 WL- Waterline Crew (100.00 LF/DY, 1.27 DY, 8.00 HR/DY)			127.00	LF
 Truck - Crew			10.16	HR
 Excavator - 35k LB			10.16	HR
 Backhoe - Light			10.16	HR
 Dump Truck - 10 Wheel			10.16	HR
 Water Truck - 2000 Gal			10.16	HR
 Foreman			10.16	HR
 Operator: Large Equipment [2]			10.16	HR
 Pipelayer			10.16	HR
 Laborer [2]			10.16	HR
 Truck Driver			10.16	HR
 Water Truck Driver			10.16	HR
 Shoring	90200000		2.00	DY
 Metal Dump Fee			1.00	LS
 Pipe Trailer			0.00	HR
 <b>27 - Remove 12-inch ACP</b>			<b>91.00</b>	<b>LF</b>
 Remove And Replace 12-Inch ACP			91.00	LF
 WL- Waterline Crew (100.00 LF/DY, 0.91 DY, 8.00 HR/DY)			91.00	LF
 Truck - Crew			7.28	HR








































Description	Job Cost ID	Task JC ID	Quantity	UM
<b>(Item 27 - Remove 12-inch ACP continued)</b>				
 Excavator - 35k LB			7.28	HR
 Backhoe - Light			7.28	HR
 Dump Truck - 10 Wheel			7.28	HR
 Water Truck - 2000 Gal			7.28	HR
 Foreman			7.28	HR
 Operator: Large Equipment [2]			7.28	HR
 Pipelayer			7.28	HR
 Laborer [2]			7.28	HR
 Truck Driver			7.28	HR
 Water Truck Driver			7.28	HR
 Pipe Trailer			7.28	HR
 Shoring	90200000		1.00	DY
 Subcontracted-40 Yard Roll Off			1.00	TRIP
 Subcontracted-Asbestos Dump Fee			1.00	TRIP
<b>D 28 - Cut &amp; Plug 6-inch Watermain</b>			<b>6.00</b>	<b>EACH</b>
 Chandler Blvd Sta 47+50 To Sta 52+50			3.00	EACH
 WL- Waterline Crew (2.00 EACH/DY, 1.50 DY, 8.00 HR/DY)			3.00	EACH
 Truck - Crew			12.00	HR
 Backhoe - Light			12.00	HR
 Dump Truck - 10 Wheel [0.5]			12.00	HR
 Water Truck - 2000 Gal [0.5]			12.00	HR
 Foreman			12.00	HR
 Operator: Large Equipment [2]			12.00	HR
 Pipelayer			12.00	HR
 Laborer [2]			12.00	HR
 Truck Driver [0.5]			12.00	HR
 Water Truck Driver [0.5]			12.00	HR
 Excavator - 20k LB			12.00	HR
 Aggregate - ABC MAG Spec	100AA00003		3.30	TON
 Chandler Blvd Sta 66+50 To St 76+00			3.00	EACH
 WL- Waterline Crew (2.00 EACH/DY, 1.50 DY, 8.00 HR/DY)			3.00	EACH
 Truck - Crew			12.00	HR
 Backhoe - Light			12.00	HR
 Dump Truck - 10 Wheel [0.5]			12.00	HR
 Water Truck - 2000 Gal [0.5]			12.00	HR
 Foreman			12.00	HR
 Operator: Large Equipment [2]			12.00	HR
 Pipelayer			12.00	HR
 Laborer [2]			12.00	HR
 Truck Driver [0.5]			12.00	HR
 Water Truck Driver [0.5]			12.00	HR
 Excavator - 20k LB			12.00	HR
 Aggregate - ABC MAG Spec	100AA00003		3.30	TON
 Material Per Bid Item Caps, Piping, DIP And Long Body			6.00	LS
 Ready Mix Concrete			31.50	BAG
 Trucking (3.50 DY, 0.30 Trucks, 0.21 EACH/HR)			6.00	EACH
<b>D 29 - Cut &amp; Plug 8-inch Watermain</b>			<b>5.00</b>	<b>EACH</b>













































Description	Job Cost ID	Task JC ID	Quantity	UM
<b>(Item 29 - Cut &amp; Plug 8-inch Watermain continued)</b>				
 Chandler Blvd Sta 38+00 To Sta 42+50			1.00	EACH
 Aggregate - ABC MAG Spec	100AA00003		1.10	TON
 WL- Waterline Crew (2.00 EACH/DY, 0.50 DY, 8.00 HR/DY)			1.00	EACH
 Truck - Crew			4.00	HR
 Backhoe - Light			4.00	HR
 Dump Truck - 10 Wheel [0.5]			4.00	HR
 Water Truck - 2000 Gal [0.5]			4.00	HR
 Foreman			4.00	HR
 Operator: Large Equipment [2]			4.00	HR
 Pipelayer			4.00	HR
 Laborer [2]			4.00	HR
 Truck Driver [0.5]			4.00	HR
 Water Truck Driver [0.5]			4.00	HR
 Excavator - 20k LB			4.00	HR
 Chandler Blvd Sta 42+50 To Sta 47+50			2.00	EACH
 Aggregate - ABC MAG Spec	100AA00003		2.20	TON
 WL- Waterline Crew (2.00 EACH/DY, 1.00 DY, 8.00 HR/DY)			2.00	EACH
 Truck - Crew			8.00	HR
 Backhoe - Light			8.00	HR
 Dump Truck - 10 Wheel [0.5]			8.00	HR
 Water Truck - 2000 Gal [0.5]			8.00	HR
 Foreman			8.00	HR
 Operator: Large Equipment [2]			8.00	HR
 Pipelayer			8.00	HR
 Laborer [2]			8.00	HR
 Truck Driver [0.5]			8.00	HR
 Water Truck Driver [0.5]			8.00	HR
 Excavator - 20k LB			8.00	HR
 Chandler Blvd Sta 71+00 To Sta 76+00			2.00	EACH
 Aggregate - ABC MAG Spec	100AA00003		2.20	TON
 WL- Waterline Crew (2.00 EACH/DY, 1.00 DY, 8.00 HR/DY)			2.00	EACH
 Truck - Crew			8.00	HR
 Backhoe - Light			8.00	HR
 Dump Truck - 10 Wheel [0.5]			8.00	HR
 Water Truck - 2000 Gal [0.5]			8.00	HR
 Foreman			8.00	HR
 Operator: Large Equipment [2]			8.00	HR
 Pipelayer			8.00	HR
 Laborer [2]			8.00	HR
 Truck Driver [0.5]			8.00	HR
 Water Truck Driver [0.5]			8.00	HR
 Excavator - 20k LB			8.00	HR
 Material Per Bid Item Caps, Piping, DIP And Long Body			5.00	LS
 Ready Mix Concrete			26.25	BAG
 Dump Fee - Dirt			5.00	LOAD
 Trucking (4.00 DY, 0.22 Trucks, 0.16 EACH/HR)			5.00	EACH
 <b>30 - Cut &amp; Plug 12-inch Watermain</b>			<b>11.00</b>	<b>EACH</b>
















































Description	Job Cost ID	Task JC ID	Quantity	UM
<i>(Item 30 - Cut &amp; Plug 12-inch Watermain continued)</i>				
 Chandler Blvd Sta 28+00 To Sta 33+00			2.00	EACH
 WL- Waterline Crew (2.00 EACH/DY, 1.00 DY, 8.00 HR/DY)			2.00	EACH
 Truck - Crew			8.00	HR
 Excavator - 35k LB			8.00	HR
 Backhoe - Light			8.00	HR
 Dump Truck - 10 Wheel			8.00	HR
 Water Truck - 2000 Gal			8.00	HR
 Foreman			8.00	HR
 Operator: Large Equipment [2]			8.00	HR
 Pipelayer			8.00	HR
 Laborer [2]			8.00	HR
 Truck Driver			8.00	HR
 Water Truck Driver			8.00	HR
 Aggregate - ABC MAG Spec	100AA00003		2.20	TON
 Chandler Blvd Sta 42+50 To Sta 47+50			2.00	EACH
 WL- Waterline Crew (2.00 EACH/DY, 1.00 DY, 8.00 HR/DY)			2.00	EACH
 Truck - Crew			8.00	HR
 Excavator - 35k LB			8.00	HR
 Backhoe - Light			8.00	HR
 Dump Truck - 10 Wheel			8.00	HR
 Water Truck - 2000 Gal			8.00	HR
 Foreman			8.00	HR
 Operator: Large Equipment [2]			8.00	HR
 Pipelayer			8.00	HR
 Laborer [2]			8.00	HR
 Truck Driver			8.00	HR
 Water Truck Driver			8.00	HR
 Aggregate - ABC MAG Spec	100AA00003		2.20	TON
 Chandler Blvd Sta 52+50 To Sta 57+50			2.00	EACH
 WL- Waterline Crew (2.00 EACH/DY, 1.00 DY, 8.00 HR/DY)			2.00	EACH
 Truck - Crew			8.00	HR
 Excavator - 35k LB			8.00	HR
 Backhoe - Light			8.00	HR
 Dump Truck - 10 Wheel			8.00	HR
 Water Truck - 2000 Gal			8.00	HR
 Foreman			8.00	HR
 Operator: Large Equipment [2]			8.00	HR
 Pipelayer			8.00	HR
 Laborer [2]			8.00	HR
 Truck Driver			8.00	HR
 Water Truck Driver			8.00	HR
 Aggregate - ABC MAG Spec	100AA00003		2.20	TON
 Chandler Blvd Sta 57+50 To Sta 61+50			2.00	EACH
 WL- Waterline Crew (2.00 EACH/DY, 1.00 DY, 8.00 HR/DY)			2.00	EACH
 Truck - Crew			8.00	HR
 Excavator - 35k LB			8.00	HR
 Backhoe - Light			8.00	HR































Description	Job Cost ID	Task JC ID	Quantity	UM
<i>(Item 30 - Cut &amp; Plug 12-inch Watermain continued)</i>				
 Dump Truck - 10 Wheel			8.00	HR
 Water Truck - 2000 Gal			8.00	HR
 Foreman			8.00	HR
 Operator: Large Equipment [2]			8.00	HR
 Pipelayer			8.00	HR
 Laborer [2]			8.00	HR
 Truck Driver			8.00	HR
 Water Truck Driver			8.00	HR
 Aggregate - ABC MAG Spec	100AA00003		2.20	TON
 Chandler Blvd Sta 28+00 To Sta 33+00			2.00	EACH
 WL- Waterline Crew (2.00 EACH/DY, 1.00 DY, 8.00 HR/DY)			2.00	EACH
 Truck - Crew			8.00	HR
 Excavator - 35k LB			8.00	HR
 Backhoe - Light			8.00	HR
 Dump Truck - 10 Wheel			8.00	HR
 Water Truck - 2000 Gal			8.00	HR
 Foreman			8.00	HR
 Operator: Large Equipment [2]			8.00	HR
 Pipelayer			8.00	HR
 Laborer [2]			8.00	HR
 Truck Driver			8.00	HR
 Water Truck Driver			8.00	HR
 Aggregate - ABC MAG Spec	100AA00003		2.20	TON
 Chandler Blvd Sta 57+50 To Sta 62+00			1.00	EACH
 WL- Waterline Crew (2.00 EACH/DY, 0.50 DY, 8.00 HR/DY)			1.00	EACH
 Truck - Crew			4.00	HR
 Excavator - 35k LB			4.00	HR
 Backhoe - Light			4.00	HR
 Dump Truck - 10 Wheel			4.00	HR
 Water Truck - 2000 Gal			4.00	HR
 Foreman			4.00	HR
 Operator: Large Equipment [2]			4.00	HR
 Pipelayer			4.00	HR
 Laborer [2]			4.00	HR
 Truck Driver			4.00	HR
 Water Truck Driver			4.00	HR
 Aggregate - ABC MAG Spec	100AA00003		0.55	TON
 Material Per Bid Item Caps, Piping, DIP And Long Body			12.00	LS
 Trucking (1.00 DY, 3.80 Trucks, 1.38 EACH/HR)			11.00	EACH
 Dump Fee - Dirt			11.00	LOAD
 Ready Mix Concrete			57.75	BAG
 <b>31 - Remove 12-inch Gate Valve Backfill With 1/2 Sack CLSM</b>			<b>3.00</b>	<b>EACH</b>
 Chandler Blvd Sta 28+00 To Sta 33+00			3.00	EACH
 WL-Water Service Box & Cover Crew (4.00 EACH/DY, 0.75 DY, 8.00 HR/DY)			3.00	EACH
 Truck - Crew			6.00	HR
 Backhoe - Light			6.00	HR




















































































Description	Job Cost ID	Task JC ID	Quantity	UM
<b>(Item 31 - Remove 12-inch Gate Valve Backfill With 1/2 Sack CLSM continued)</b>				
 Water Truck - 2000 Gal			6.00	HR
 Foreman			6.00	HR
 Operator: Small Equipment			6.00	HR
 Pipelayer			6.00	HR
 Laborer			6.00	HR
 Water Truck Driver			6.00	HR
 Pipe Trailer			6.00	HR
 Material Per Bid Item			3.00	LS
 Ready Mix - Slurry ABC Slurry 1/2 Sack	135AA00002		15.75	YARD
<b>D 32 - Remove 12-Inch Gate Valve And Cover</b>			<b>7.00</b>	<b>EACH</b>
 WL-Water Service Box & Cover Crew (4.00 EACH/DY, 1.75 DY, 8.00 HR/DY)			7.00	EACH
 Truck - Crew			14.00	HR
 Backhoe - Light			14.00	HR
 Water Truck - 2000 Gal			14.00	HR
 Foreman			14.00	HR
 Operator: Small Equipment			14.00	HR
 Pipelayer			14.00	HR
 Laborer			14.00	HR
 Water Truck Driver			14.00	HR
 Pipe Trailer			14.00	HR
 Material Per Bid Item			5.00	LS
<b>D 34 - Remove 6-inch Gate Valve Backfill With 1/2 Sack CLSM</b>			<b>1.00</b>	<b>EACH</b>
<b>D</b> Chandler Blvd Sta 28+00 To Sta 33+00			1.00	EACH
 WL-Water Service Box & Cover Crew (4.00 EACH/DY, 0.25 DY, 8.00 HR/DY)			1.00	EACH
 Truck - Crew			2.00	HR
 Backhoe - Light			2.00	HR
 Water Truck - 2000 Gal			2.00	HR
 Foreman			2.00	HR
 Operator: Small Equipment			2.00	HR
 Pipelayer			2.00	HR
 Laborer			2.00	HR
 Water Truck Driver			2.00	HR
 Pipe Trailer			2.00	HR
 Material Per Bid Item			1.00	LS
 Ready Mix - Slurry ABC Slurry 1/2 Sack	135AA00002		5.25	YARD
<b>D 35 - Remove 24-inch SRP Irrigation Pipe</b>			<b>5.00</b>	<b>LF</b>
<b>D</b> Waterline Intersection			5.00	LF
<b>D</b> Water Main Installation			5.00	LF
 WL- Waterline Crew (20.00 LF/DY, 0.25 DY, 8.00 HR/DY)			5.00	LF
 Truck - Crew			2.00	HR
 Excavator - 35k LB			2.00	HR
 Backhoe - Light			2.00	HR
 Dump Truck - 10 Wheel			2.00	HR
 Water Truck - 2000 Gal			2.00	HR
 Skid Steer with Cold Planer			2.00	HR

Description	Job Cost ID	Task JC ID	Quantity	UM
<i>(Item 35 - Remove 24-inch SRP Irrigation Pipe continued)</i>				
 Operator: Large Equipment [2]			2.00	HR
 Pipelayer [2]			2.00	HR
 Laborer [2]			2.00	HR
 Truck Driver			2.00	HR
 Water Truck Driver			2.00	HR
 Foreman			2.00	HR
 Shoring	90200000		0.25	DY
 Excavator - 20k LB			2.00	HR
 Operator: Small Equipment			2.00	HR
<b>D 36 - Cut &amp; Plug 24-inch Irrigation Pipe</b>			<b>2.00</b>	<b>EACH</b>
 Water Main Installation			2.00	EACH
 WL- Waterline Crew (4.00 EACH/DY, 0.50 DY, 8.00 HR/DY)			2.00	EACH
 Truck - Crew			4.00	HR
 Backhoe - Light			4.00	HR
 Dump Truck - 10 Wheel			4.00	HR
 Operator: Large Equipment			4.00	HR
 Pipelayer			4.00	HR
 Laborer			4.00	HR
 Truck Driver [0]			4.00	HR
 Water Truck Driver [0]			4.00	HR
 Foreman			4.00	HR
 Miscellaneous Pipe Plug Materials			1.00	LS
<b>D 37 - 12-Inch Intersection Waterline Work</b>			<b>879.00</b>	<b>LF</b>
 Waterline Intersection			879.00	LF
 Vertical Realignments			4.00	EACH
 Vertical Realignment (0.38 EACH/DY, 8.00 DY, 8.00 HR/DY)			3.00	EACH
 Truck - Crew			64.00	HR
 Excavator - 35k LB			64.00	HR
 Backhoe - Light			64.00	HR
 Dump Truck - 10 Wheel			64.00	HR
 Water Truck - 2000 Gal			64.00	HR
 Operator: Large Equipment [2]			64.00	HR
 Pipelayer [2]			64.00	HR
 Laborer [2]			64.00	HR
 Truck Driver			64.00	HR
 Water Truck Driver			64.00	HR
 Foreman			64.00	HR
 Skid Steer with Cold Planer			64.00	HR
 Shoring	90200000		8.00	DY
 Plates [20]	90200000		8.00	DY
 Pipe Trailer			64.00	HR
 NW Corner Vertical Realignment (0.25 EACH/DY, 4.00 DY, 8.00 HR/DY)			1.00	EACH
 Truck - Crew			32.00	HR
 Backhoe - Light			32.00	HR
 Dump Truck - 10 Wheel			32.00	HR
 Water Truck - 2000 Gal			32.00	HR









Description	Job Cost ID	Task JC ID	Quantity	UM
<i>(Item 37 - 12-Inch Intersection Waterline Work continued)</i>				
 Operator: Large Equipment [2]			32.00	HR
 Pipelayer [2]			32.00	HR
 Laborer [2]			32.00	HR
 Truck Driver			32.00	HR
 Water Truck Driver			32.00	HR
 Foreman			32.00	HR
 Excavator - 75k LB			32.00	HR
 Shoring	90200000		4.00	DY
 Skid Steer with Cold Planer			32.00	HR
 Plates [20]	90200000		4.00	DY
 Pipe Trailer			32.00	HR
 Water Main Installation			879.00	LF
 WL- Waterline Crew (38.12 LF/DY, 17.00 DY, 8.00 HR/DY)			648.00	LF
 Truck - Crew			136.00	HR
 Excavator - 35k LB			136.00	HR
 Backhoe - Light			136.00	HR
 Dump Truck - 10 Wheel			136.00	HR
 Water Truck - 2000 Gal			136.00	HR
 Skid Steer with Cold Planer			136.00	HR
 Operator: Large Equipment [2]			136.00	HR
 Pipelayer [2]			136.00	HR
 Laborer [2]			136.00	HR
 Truck Driver			136.00	HR
 Water Truck Driver			136.00	HR
 Foreman			136.00	HR
 Shoring	90200000		17.00	DY
 Plates [20]	90200000		30.00	DY
 Pipe Trailer			136.00	HR
 NW Corner Installation (38.00 LF/DY, 6.08 DY, 8.00 HR/DY)			231.00	LF
 Truck - Crew			48.63	HR
 Excavator - 75k LB			48.63	HR
 Skid Steer with Cold Planer			48.63	HR
 Backhoe - Light			48.63	HR
 Dump Truck - 10 Wheel			48.63	HR
 Water Truck - 2000 Gal			48.63	HR
 Operator: Large Equipment [2]			48.63	HR
 Pipelayer [2]			48.63	HR
 Laborer [2]			48.63	HR
 Truck Driver			48.63	HR
 Water Truck Driver			48.63	HR
 Foreman			48.63	HR
 Shoring	90200000		6.08	DY
 Plates [20]	90200000		6.08	DY
 Pipe Trailer			48.63	HR
 Ready Mix - Slurry ABC Slurry 1/2 Sack	135AA00002		506.10	YARD
 Material Handling (Pipe, AB, Haul Off) (21.44 LF/DY, 41.00 DY, 8.00 HR/DY)			879.00	LF
 Wheel Loader - 40k LB			328.00	HR

Description	Job Cost ID	Task JC ID	Quantity	UM
<b>(Item 37 - 12-Inch Intersection Waterline Work continued)</b>				
 Operator: Large Equipment			328.00	HR
 Water Truck Driver [0.5]			328.00	HR
 Water Truck - 2000 Gal [0.5]			328.00	HR
 Utility Conflicts			36.00	EACH
 Existing Utility Conflicts (6.00 EACH/DY, 6.00 DY, 8.00 HR/DY)			36.00	EACH
 Truck - Crew			48.00	HR
 Excavator - 35k LB			48.00	HR
 Backhoe - Light			48.00	HR
 Dump Truck - 10 Wheel			48.00	HR
 Water Truck - 2000 Gal			48.00	HR
 Excavator - 20k LB			48.00	HR
 Skid Steer with Cold Planer			48.00	HR
 Shoring	90200000		6.00	DY
 Plates	90200000		6.00	DY
 Operator: Large Equipment [2]			48.00	HR
 Pipelayer [2]			48.00	HR
 Laborer [2]			48.00	HR
 Truck Driver			48.00	HR
 Water Truck Driver			48.00	HR
 Foreman			48.00	HR
 Operator: Small Equipment			48.00	HR
 WL-Gate Valve 12in Appurtenance Crew (4.00 EACH/DY, 0.50 DY, 8.00 HR/DY)			2.00	EACH
 Truck - Crew			4.00	HR
 Backhoe - Light			4.00	HR
 Water Truck - 2000 Gal			4.00	HR
 Excavator - 35k LB			4.00	HR
 Dump Truck - 10 Wheel			4.00	HR
 Skid Steer with Cold Planer			4.00	HR
 Shoring	90200000		0.50	DY
 Plates [20]	90200000		0.50	DY
 Foreman			4.00	HR
 Operator: Large Equipment [2]			4.00	HR
 Pipelayer [2]			4.00	HR
 Laborer [2]			4.00	HR
 Water Truck Driver			4.00	HR
 Truck Driver			4.00	HR
 Pipe Trailer			4.00	HR
 Valve Adjustments (4.00 EACH/DY, 1.50 DY, 8.00 HR/DY)			6.00	EACH
 Truck - Crew			12.00	HR
 Air Compressor - 185CFM			12.00	HR
 Foreman			12.00	HR
 Laborer [2]			12.00	HR
 Soft Dig Support			879.00	LF
 GC-Combo Hydro Truck Crew (87.90 LF/DY, 10.00 DY, 8.00 HR/DY)			879.00	LF
 Combo Truck			80.00	HR
 Combo Truck Operator			80.00	HR
 Laborer			80.00	HR













































Description	Job Cost ID	Task JC ID	Quantity	UM
<b>(Item 37 - 12-Inch Intersection Waterline Work continued)</b>				
 Material Per Bid Item Pipe And Fittings			1.00	LS
 Trucking (5.50 DY, 9.99 Trucks, 19.98 LF/HR)			879.00	LF
 Dump Fee - Dirt			45.00	LOAD
 GC-Chlorine & Pressure Test	10090010		6.00	DY
 GC-Chlorine & Pressure Test Crew (1.00 DY/DY, 6.00 DY, 8.00 HR/DY)			6.00	DY
 Truck - Crew			48.00	HR
 Backhoe - Light			48.00	HR
 Water Truck - 2000 Gal			48.00	HR
 Hydrostatic Test Pump Trailer			48.00	HR
 Foreman			48.00	HR
 Operator: Small Equipment			48.00	HR
 Pipelayer			48.00	HR
 Laborer			48.00	HR
 Water Truck Driver			48.00	HR
 Subcontracted-Chlorine & Pressure Test			1.00	LS
<b> 38 - 12-Inch Class 350 DIP Watermain W/Polywrap, Valves, Fittings, Vertical/Horizontal Alignment's, &amp; Gate Valves Misc.</b>			<b>7,375.00</b>	<b>LF</b>
 Material Per Bid Item			1.00	LS
 Vertical Realignment			1.00	LS
<b> 39 - 8-inch Class 350 DIP Watermain With Polywrap, Fittings, And Valves</b>			<b>236.00</b>	<b>LF</b>
 WL- Waterline Crew (49.78 LF/DY, 4.74 DY, 8.00 HR/DY)			236.00	LF
 Truck - Crew			37.93	HR
 Excavator - 35k LB			37.93	HR
 Backhoe - Light			37.93	HR
 Dump Truck - 10 Wheel			37.93	HR
 Water Truck - 2000 Gal			37.93	HR
 Excavator Compaction Wheel			37.93	HR
 Operator: Large Equipment			37.93	HR
 Pipelayer			37.93	HR
 Laborer [2]			37.93	HR
 Truck Driver			37.93	HR
 Water Truck Driver			37.93	HR
 Foreman			37.93	HR
 Operator: Small Equipment			37.93	HR
 Skid Steer with Cold Planer			37.93	HR
 Pipe Trailer			37.93	HR
 WL-Gate Valve 8in Appurtenance Crew (4.00 EACH/DY, 1.00 DY, 8.00 HR/DY)			4.00	EACH
 Truck - Crew			8.00	HR
 Dump Truck - 10 Wheel			8.00	HR
 Backhoe - Light			8.00	HR
 Water Truck - 2000 Gal			8.00	HR
 Excavator - 35k LB			8.00	HR
 Excavator Compaction Wheel			8.00	HR
 Foreman			8.00	HR
 Operator: Small Equipment			8.00	HR

Description	Job Cost ID	Task JC ID	Quantity	UM
<i>(Item 39 - 8-inch Class 350 DIP Watermain With Polywrap, Fittings, And Valves continued)</i>				
 Pipelayer			8.00	HR
 Laborer [2]			8.00	HR
 Water Truck Driver			8.00	HR
 Truck Driver			8.00	HR
 Operator: Large Equipment			8.00	HR
 Skid Steer with Cold Planer			8.00	HR
 Pipe Trailer			8.00	HR
 Vertical Realignment (1.00 EACH/DY, 2.50 DY, 8.00 HR/DY)			2.50	EACH
 Truck - Crew			20.00	HR
 Excavator - 35k LB			20.00	HR
 Backhoe - Light			20.00	HR
 Dump Truck - 10 Wheel			20.00	HR
 Water Truck - 2000 Gal			20.00	HR
 Operator: Large Equipment			20.00	HR
 Pipelayer			20.00	HR
 Laborer [2]			20.00	HR
 Truck Driver			20.00	HR
 Water Truck Driver			20.00	HR
 Foreman			20.00	HR
 Operator: Small Equipment			20.00	HR
 Excavator Compaction Wheel			20.00	HR
 Skid Steer with Cold Planer			20.00	HR
 Pipe Trailer			20.00	HR
 Material Per Bid Item			1.00	LS
 Aggregate - ABC MAG Spec	100AA00003		180.40	TON
 Ready Mix - Slurry ABC Slurry 1/2 Sack	135AA00002		7.88	YARD
 Cement - Concrete Mix 60#	110ZZ00001		8.00	BAG
 Vertical Realignment			1.00	LS
 Shoring	90200000		11.00	DY
 Plates [8]	90200000		18.00	DY
 Trucking (5.00 DY, 0.63 Trucks, 5.90 LF/HR)			236.00	LF
 Dump Fee - Dirt			10.00	LOAD
 RH-Manhole Adjust Crew (4.00 EACH/DY, 1.00 DY, 8.00 HR/DY)			4.00	EACH
 Truck - Crew			8.00	HR
 Air Compressor - 185CFM			8.00	HR
 Foreman			8.00	HR
 Laborer [2]			8.00	HR




































<b>D</b>	<b>40 - 6-Inch Class 350 DIP Watermain W/Polywrap, Fittings, And Valves</b>	<b>321.00</b>	<b>LF</b>
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 WL- Waterline Crew (36.25 LF/DY, 8.86 DY, 8.00 HR/DY)			321.00	LF
 Truck - Crew			70.84	HR
 Excavator - 20k LB			70.84	HR
 Backhoe - Light			70.84	HR
 Dump Truck - 10 Wheel			70.84	HR
 Water Truck - 2000 Gal			70.84	HR
 Excavator Compaction Wheel			70.84	HR
 Operator: Large Equipment			70.84	HR













































Description	Job Cost ID	Task JC ID	Quantity	UM
<b>(Item 40 - 6-Inch Class 350 DIP Watermain W/Polywrap, Fittings, And Valves continued)</b>				
 Pipelayer			70.84	HR
 Laborer [2]			70.84	HR
 Truck Driver			70.84	HR
 Water Truck Driver			70.84	HR
 Foreman			70.84	HR
 Operator: Small Equipment			70.84	HR
 Skid Steer with Cold Planer			70.84	HR
 Pipe Trailer			70.84	HR
 WL-Gate Valve 6in Appurtenance Crew (6.00 EACH/DY, 2.67 DY, 8.00 HR/DY)			16.00	EACH
 Truck - Crew			21.33	HR
 Backhoe - Light			21.33	HR
 Water Truck - 2000 Gal			21.33	HR
 Dump Truck - 10 Wheel			21.33	HR
 Excavator - 20k LB			21.33	HR
 Excavator Compaction Wheel			21.33	HR
 Foreman			21.33	HR
 Operator: Small Equipment			21.33	HR
 Pipelayer			21.33	HR
 Laborer [2]			21.33	HR
 Water Truck Driver			21.33	HR
 Truck Driver			21.33	HR
 Operator: Large Equipment			21.33	HR
 Skid Steer with Cold Planer			21.33	HR
 Pipe Trailer			21.33	HR
 Vertical Realignment (1.00 EACH/DY, 4.50 DY, 8.00 HR/DY)			4.50	EACH
 Truck - Crew			36.00	HR
 Backhoe - Light			36.00	HR
 Dump Truck - 10 Wheel			36.00	HR
 Water Truck - 2000 Gal			36.00	HR
 Excavator - 20k LB			36.00	HR
 Operator: Large Equipment			36.00	HR
 Pipelayer			36.00	HR
 Laborer [2]			36.00	HR
 Truck Driver			36.00	HR
 Water Truck Driver			36.00	HR
 Foreman			36.00	HR
 Operator: Small Equipment			36.00	HR
 Skid Steer with Cold Planer			36.00	HR
 Pipe Trailer			36.00	HR
 Shoring	90200000		12.00	DY
 Plates [8]	90200000		12.00	DY
 Material Per Bid Item			1.00	LS
 Aggregate - ABC MAG Spec	100AA00003		227.70	TON
 Ready Mix - Slurry ABC Slurry 1/2 Sack	135AA00002		18.90	YARD
 Cement - Concrete Mix 60#	110ZZ00001		35.00	BAG
 Trucking (4.00 DY, 1.06 Trucks, 10.03 LF/HR)			321.00	LF
 Dump Fee - Dirt			4.00	LOAD













































Description		Job Cost ID	Task JC ID	Quantity	UM
<b>(Item 40 - 6-Inch Class 350 DIP Watermain W/Polywrap, Fittings, And Valves continued)</b>					
	Vertical Realignment			1.00	LS
	RH-Manhole Adjust Crew (4.00 EACH/DY, 4.00 DY, 8.00 HR/DY)			16.00	EACH
	Truck - Crew			32.00	HR
	Air Compressor - 185CFM			32.00	HR
	Foreman			32.00	HR
	Laborer [2]			32.00	HR
<b>D</b>	<b>41 - 4-inch Class 350 DIP Watermain W/PolyWrap</b>			<b>44.00</b>	<b>LF</b>
	WL- Waterline Crew (44.00 LF/DY, 1.00 DY, 8.00 HR/DY)			44.00	LF
	Truck - Crew			8.00	HR
	Backhoe - Light			8.00	HR
	Dump Truck - 10 Wheel			8.00	HR
	Water Truck - 2000 Gal			8.00	HR
	Excavator Compaction Wheel			8.00	HR
	Operator: Large Equipment [2]			8.00	HR
	Pipelaye			8.00	HR
	Laborer [2]			8.00	HR
	Truck Driver			8.00	HR
	Water Truck Driver			8.00	HR
	Foreman			8.00	HR
	Excavator - 20k LB			8.00	HR
	Pipe Trailer			8.00	HR
	WL-Gate Valve 4in Appurtenance Crew (4.00 EACH/DY, 0.50 DY, 8.00 HR/DY)			2.00	EACH
	Truck - Crew			4.00	HR
	Excavator - 20k LB			4.00	HR
	Backhoe - Light			4.00	HR
	Water Truck - 2000 Gal			4.00	HR
	Dump Truck - 10 Wheel			4.00	HR
	Foreman			4.00	HR
	Operator: Small Equipment [2]			4.00	HR
	Pipelaye [2]			4.00	HR
	Laborer [2]			4.00	HR
	Water Truck Driver			4.00	HR
	Truck Driver			4.00	HR
	Pipe Trailer			4.00	HR
	Material Per Bid Item			1.00	LS
	Aggregate - ABC MAG Spec	100AA00003		22.00	TON
	Shoring	90200000		3.00	DY
	Plates [4]	90200000		3.00	DY
	Trucking (1.00 DY, 0.52 Trucks, 5.50 LF/HR)			44.00	LF
	Dump Fee - Dirt			1.00	LOAD
<b>D</b>	<b>42 - Install 12-inch Perma Seal Valve</b>			<b>3.00</b>	<b>EACH</b>
	GC-Combo Hydro Truck Crew (1.00 EACH/DY, 3.00 DY, 8.00 HR/DY)			3.00	EACH
	Combo Truck			24.00	HR
	Combo Truck Operator			30.00	HR
	Laborer			30.00	HR
	WL- Waterline Crew (0.75 EACH/DY, 4.00 DY, 8.00 HR/DY)			3.00	EACH


























































































Description		Job Cost ID	Task JC ID	Quantity	UM
<b>(Item 42 - Install 12-inch Perma Seal Valve continued)</b>					
 Truck - Crew				32.00	HR
 Excavator - 35k LB				32.00	HR
 Backhoe - Light				32.00	HR
 Dump Truck - 10 Wheel				32.00	HR
 Water Truck - 2000 Gal				32.00	HR
 Operator: Large Equipment [2]				32.00	HR
 Pipelayer [2]				32.00	HR
 Laborer [2]				32.00	HR
 Truck Driver				32.00	HR
 Water Truck Driver				32.00	HR
 Foreman				32.00	HR
 Material Per Bid Item				1.00	LS
 Shoring		90200000		6.00	DY
 Subcontracted-Mueller Valve Sub				3.00	EACH
 Trucking (1.00 DY, 0.75 Trucks, 0.38 EACH/HR)				3.00	EACH
 Dump Fee - Dirt				3.00	LOAD
<b>D 43 - Install 12-inch Inserta Valve Romac Industries Or Approved Equivalent</b>				<b>3.00</b>	<b>EACH</b>
 WL- Waterline Crew (0.75 EACH/DY, 4.00 DY, 8.00 HR/DY)				3.00	EACH
 Truck - Crew				32.00	HR
 Excavator - 35k LB				32.00	HR
 Backhoe - Light				32.00	HR
 Dump Truck - 10 Wheel				32.00	HR
 Water Truck - 2000 Gal				32.00	HR
 Excavator - 20k LB				32.00	HR
 Excavator Compaction Wheel				32.00	HR
 Operator: Large Equipment [2]				32.00	HR
 Pipelayer [2]				32.00	HR
 Laborer [2]				32.00	HR
 Truck Driver				32.00	HR
 Water Truck Driver				32.00	HR
 Foreman				32.00	HR
 Operator: Small Equipment				32.00	HR
 GC-Combo Hydro Truck Crew (1.00 EACH/DY, 3.00 DY, 8.00 HR/DY)				3.00	EACH
 Combo Truck				24.00	HR
 Combo Truck Operator				30.00	HR
 Laborer				30.00	HR
 Material Per Bid Item				1.00	LS
 Shoring		90200000		6.00	DY
 Subcontracted-Inserta Valve Sub				3.00	EACH
 Trucking (1.00 DY, 1.04 Trucks, 0.38 EACH/HR)				3.00	EACH
 Dump Fee - Dirt				3.00	LOAD
 Ready Mix - Slurry ABC Slurry 1/2 Sack		135AA00002		31.50	YARD
<b>D 44 - 12X12 Cut In Tee</b>				<b>1.00</b>	<b>EACH</b>
 WL- Waterline Crew (0.50 EACH/DY, 2.00 DY, 8.00 HR/DY)				1.00	EACH
 Truck - Crew				16.00	HR
 Excavator - 35k LB				16.00	HR













































Description	Job Cost ID	Task JC ID	Quantity	UM
<b>(Item 44 - 12X12 Cut In Tee continued)</b>				
 Backhoe - Light			16.00	HR
 Dump Truck - 10 Wheel			16.00	HR
 Water Truck - 2000 Gal			16.00	HR
 Operator: Large Equipment [2]			16.00	HR
 Pipelayer			16.00	HR
 Laborer [2]			16.00	HR
 Truck Driver			16.00	HR
 Water Truck Driver			16.00	HR
 Foreman			16.00	HR
 Excavator Compaction Wheel			16.00	HR
 Pipe Trailer			16.00	HR
 Material Per Bid Item			1.00	LS
 Aggregate - ABC MAG Spec	100AA00003		11.00	TON
 Shoring	90200000		3.00	DY
 GC-Combo Hydro Truck Crew (1.00 EACH/DY, 1.00 DY, 8.00 HR/DY)			1.00	EACH
 Combo Truck			8.00	HR
 Combo Truck Operator			10.00	HR
 Laborer			10.00	HR
<b>D 45 - Install 16-inch Gate Valve</b>			<b>1.00</b>	<b>EACH</b>
 WL- Waterline Crew (2.00 EACH/DY, 0.50 DY, 8.00 HR/DY)			1.00	EACH
 Truck - Crew			4.00	HR
 Excavator - 35k LB			4.00	HR
 Backhoe - Light			4.00	HR
 Dump Truck - 10 Wheel			4.00	HR
 Water Truck - 2000 Gal			4.00	HR
 Operator: Large Equipment [2]			4.00	HR
 Pipelayer			4.00	HR
 Laborer [2]			4.00	HR
 Truck Driver			4.00	HR
 Water Truck Driver			4.00	HR
 Foreman			4.00	HR
 Pipe Trailer			4.00	HR
 Material Per Bid Item			1.00	LS
 Shoring	90200000		3.00	DY
<b>D 46 - Install 16 X 8 Tee</b>			<b>1.00</b>	<b>EACH</b>
 WL- Waterline Crew (0.50 EACH/DY, 2.00 DY, 8.00 HR/DY)			1.00	EACH
 Truck - Crew			16.00	HR
 Excavator - 35k LB			16.00	HR
 Backhoe - Light			16.00	HR
 Dump Truck - 10 Wheel			16.00	HR
 Water Truck - 2000 Gal			16.00	HR
 Operator: Large Equipment [2]			16.00	HR
 Pipelayer			16.00	HR
 Laborer [2]			16.00	HR
 Truck Driver			16.00	HR
 Water Truck Driver			16.00	HR
 Foreman			16.00	HR











































Description	Job Cost ID	Task JC ID	Quantity	UM
<b>(Item 46 - Install 16 X 8 Tee continued)</b>				
 Pipe Trailer			16.00	HR
 Material Per Bid Item			1.00	LS
 Ready Mix - Slurry ABC Slurry 1/2 Sack	135AA00002		21.00	YARD
 Trucking (1.00 DY, 0.50 Trucks, 0.13 EACH/HR)			1.00	EACH
 Shoring	90200000		5.00	DY
 GC-Combo Hydro Truck Crew (1.00 EACH/DY, 1.00 DY, 8.00 HR/DY)			1.00	EACH
 Combo Truck			8.00	HR
 Combo Truck Operator			10.00	HR
 Laborer			10.00	HR
<b>D 47 - Note 29 Thrust Block Installation @ Intersection</b>			<b>4.00</b>	<b>EACH</b>
 Thrust Blocks (5'6"x2'4"x4'0")			4.00	EACH
 CP-Concrete Replace Crew (1.00 EACH/DY, 4.00 DY, 8.00 HR/DY)			4.00	EACH
 Truck - Crew			32.00	HR
 Backhoe - Light			32.00	HR
 Water Truck - 2000 Gal			32.00	HR
 Foreman			32.00	HR
 Operator: Small Equipment			32.00	HR
 Pipelayer			32.00	HR
 Laborer			32.00	HR
 Water Truck Driver			32.00	HR
 Box Trailer			32.00	HR
 Material Per Bid Item			4.00	LS
 Ready Mix Concrete - MAG B 2500	135ZZ00004		10.50	CY
 Form, Cure, Stakes			1.00	LS
 Rebar - # 4 (1/2in) 10ft	140ZZ00003		4.40	EACH
<b>D 48 - Thrust Block On Chandler Blvd</b>			<b>8.00</b>	<b>EACH</b>
 Thrust Blocks (3'0"x1'8"x2'0")			8.00	EACH
 Ready Mix Concrete - MAG B 2500	135ZZ00004		8.40	CY
 Rebar - # 4 (1/2in) 10ft	140ZZ00003		8.80	EACH
 CP-Concrete Replace Crew (2.00 EACH/DY, 4.00 DY, 8.00 HR/DY)			8.00	EACH
 Truck - Crew			32.00	HR
 Backhoe - Light			32.00	HR
 Foreman			32.00	HR
 Operator: Small Equipment			32.00	HR
 Laborer			32.00	HR
 Concrete Finisher [2]			32.00	HR
 Box Trailer			32.00	HR
 Material Per Bid Item			8.00	LS
 Concrete - Short Load Fee			8.00	EACH
<b>D 49 - Concrete Encasement</b>			<b>39.00</b>	<b>LF</b>
 Concrete Encasement			39.00	LF
 Encasement W1 35' X			39.00	LF
 CP-Concrete Replace Crew (0.33 EACH/DY, 3.00 DY, 8.00 HR/DY)			1.00	EACH
 Truck - Crew			24.00	HR
 Backhoe - Light			24.00	HR
 Foreman			24.00	HR
 Operator: Small Equipment			24.00	HR

Description	Job Cost ID	Task JC ID	Quantity	UM
<b>(Item 49 - Concrete Encasement continued)</b>				
 Laborer [2]			24.00	HR
 Concrete Finisher			24.00	HR
 Box Trailer			24.00	HR
 Material Per Bid Item			1.00	LS
 Ready Mix Concrete - MAG C 2000	135ZZ00005		7.35	CY
 Rebar - # 4 (1/2in) 10ft	140ZZ00003		1.10	EACH
<b>D 50 - Connect To Existing 12-inch Watermain ACP To DIP Transition Coupling</b>			<b>5.00</b>	<b>EACH</b>
 WL- Waterline Crew (1.00 EACH/DY, 5.00 DY, 8.00 HR/DY)			5.00	EACH
 Truck - Crew			40.00	HR
 Excavator - 35k LB			40.00	HR
 Backhoe - Light			40.00	HR
 Dump Truck - 10 Wheel			40.00	HR
 Water Truck - 2000 Gal			40.00	HR
 Excavator Compaction Wheel			40.00	HR
 Operator: Large Equipment			40.00	HR
 Pipelayer			40.00	HR
 Laborer [2]			40.00	HR
 Truck Driver			40.00	HR
 Water Truck Driver			40.00	HR
 Foreman			40.00	HR
 Operator: Small Equipment			40.00	HR
 Pipe Trailer			40.00	HR
 GC-Combo Hydro Truck Crew (2.00 EACH/DY, 2.50 DY, 8.00 HR/DY)			5.00	EACH
 Combo Truck			20.00	HR
 Combo Truck Operator			25.00	HR
 Laborer			25.00	HR
 Material Per Bid Item			5.00	LS
 Aggregate - ABC MAG Spec	100AA00003		27.50	TON
 Shoring	90200000		6.00	DY
 Plates [6]	90200000		5.00	DY
 Trucking (3.00 DY, 0.58 Trucks, 0.21 EACH/HR)			5.00	EACH
 Dump Fee - Dirt			5.00	LOAD
 Cement - Concrete Mix 60#	110ZZ00001		30.00	BAG
<b>D 51 - Connect To Existing 12-inch Watermain</b>			<b>6.00</b>	<b>EACH</b>
 WL- Waterline Crew (1.25 EACH/DY, 4.80 DY, 8.00 HR/DY)			6.00	EACH
 Truck - Crew			38.40	HR
 Excavator - 35k LB			38.40	HR
 Backhoe - Light			38.40	HR
 Dump Truck - 10 Wheel			38.40	HR
 Water Truck - 2000 Gal			38.40	HR
 Excavator Compaction Wheel			38.40	HR
 Operator: Large Equipment			38.40	HR
 Pipelayer			38.40	HR
 Laborer [2]			38.40	HR
 Truck Driver			38.40	HR
 Water Truck Driver			38.40	HR












































Description	Job Cost ID	Task JC ID	Quantity	UM
<b>(Item 51 - Connect To Existing 12-inch Watermain continued)</b>				
 Foreman			38.40	HR
 Operator: Small Equipment			38.40	HR
 Pipe Trailer			38.40	HR
 GC-Combo Hydro Truck Crew (2.00 EACH/DY, 3.00 DY, 8.00 HR/DY)			6.00	EACH
 Combo Truck			24.00	HR
 Combo Truck Operator			36.00	HR
 Laborer			36.00	HR
 Material Per Bid Item			6.00	LS
 Aggregate - ABC MAG Spec	100AA00003		33.00	TON
 Shoring	90200000		11.00	DY
 Plates [6]	90200000		5.00	DY
 Trucking (3.00 DY, 0.69 Trucks, 0.25 EACH/HR)			6.00	EACH
 Dump Fee - Dirt [6]			0.00	LOAD
<b>D 53 - Connect To Existing 8-inch PVC Watermain To DIP Transition Coupling</b>			<b>2.00</b>	<b>EACH</b>
 WL- Waterline Crew (2.00 EACH/DY, 1.00 DY, 8.00 HR/DY)			2.00	EACH
 Truck - Crew			8.00	HR
 Excavator - 20k LB			8.00	HR
 Backhoe - Light			8.00	HR
 Dump Truck - 10 Wheel			8.00	HR
 Water Truck - 2000 Gal			8.00	HR
 Operator: Large Equipment			8.00	HR
 Pipelayer			8.00	HR
 Laborer [2]			8.00	HR
 Truck Driver			8.00	HR
 Water Truck Driver			8.00	HR
 Foreman			8.00	HR
 Operator: Small Equipment			8.00	HR
 Excavator Compaction Wheel			8.00	HR
 Pipe Trailer			8.00	HR
 GC-Combo Hydro Truck Crew (2.00 EACH/DY, 1.00 DY, 8.00 HR/DY)			2.00	EACH
 Combo Truck			8.00	HR
 Combo Truck Operator			10.00	HR
 Laborer			10.00	HR
 Material Per Bid Item			2.00	LS
 Aggregate - ABC MAG Spec	100AA00003		5.50	TON
 Shoring [3]	90200000		2.00	DY
 Plates [3]	90200000		5.00	DY
 Trucking (1.00 DY, 0.69 Trucks, 0.25 EACH/HR)			2.00	EACH
 Dump Fee - Dirt			2.00	LOAD
<b>D 54 - Connect To Existing 6" ACP Watermain ACP To DIP Coupling</b>			<b>4.00</b>	<b>EACH</b>
 WL- Waterline Crew (1.50 EACH/DY, 2.67 DY, 8.00 HR/DY)			4.00	EACH
 Truck - Crew			21.33	HR
 Backhoe - Light			21.33	HR
 Dump Truck - 10 Wheel			21.33	HR
 Water Truck - 2000 Gal			21.33	HR
 Operator: Large Equipment			21.33	HR















































Description	Job Cost ID	Task JC ID	Quantity	UM
<b>(Item 54 - Connect To Existing 6" ACP Watermain ACP To DIP Coupling continued)</b>				
 Pipelayer			21.33	HR
 Laborer [2]			21.33	HR
 Truck Driver			21.33	HR
 Water Truck Driver			21.33	HR
 Foreman			21.33	HR
 Operator: Small Equipment			21.33	HR
 Excavator - 20k LB			21.33	HR
 Excavator Compaction Wheel			21.33	HR
 Pipe Trailer			21.33	HR
 GC-Combo Hydro Truck Crew (2.00 EACH/DY, 2.00 DY, 8.00 HR/DY)			4.00	EACH
 Combo Truck			16.00	HR
 Combo Truck Operator			20.00	HR
 Laborer			20.00	HR
 Material Per Bid Item			4.00	LS
 Aggregate - ABC MAG Spec	100AA00003		13.20	TON
 Shoring	90200000		5.00	DY
 Trucking (1.00 DY, 1.38 Trucks, 0.50 EACH/HR)			4.00	EACH
 Dump Fee - Dirt			4.00	LOAD
 Plates	90200000		6.00	DY
 Cement - Concrete Mix 60#	110ZZ00001		30.00	BAG
<b>D 55 - Connect To Existing 6-inch Watermain Not ACP</b>			<b>1.00</b>	<b>EACH</b>
 WL- Waterline Crew (2.00 EACH/DY, 0.50 DY, 8.00 HR/DY)			1.00	EACH
 Truck - Crew			4.00	HR
 Backhoe - Light			4.00	HR
 Dump Truck - 10 Wheel			4.00	HR
 Water Truck - 2000 Gal			4.00	HR
 Operator: Large Equipment			4.00	HR
 Pipelayer			4.00	HR
 Laborer [2]			4.00	HR
 Truck Driver			4.00	HR
 Water Truck Driver			4.00	HR
 Foreman			4.00	HR
 Operator: Small Equipment			4.00	HR
 Excavator - 20k LB			4.00	HR
 Excavator Compaction Wheel			4.00	HR
 Pipe Trailer			4.00	HR
 GC-Combo Hydro Truck Crew (2.00 EACH/DY, 0.50 DY, 8.00 HR/DY)			1.00	EACH
 Combo Truck			4.00	HR
 Combo Truck Operator			5.00	HR
 Laborer			5.00	HR
 Material Per Bid Item			1.00	LS
 Aggregate - ABC MAG Spec	100AA00003		3.30	TON
 Shoring	90200000		1.00	DY
 Trucking (1.00 DY, 0.35 Trucks, 0.13 EACH/HR)			1.00	EACH
 Plates	90200000		2.00	DY
 Dump Fee - Dirt			1.00	LOAD
<b>D 56 - Connect To Existing 4" DIP Main</b>			<b>2.00</b>	<b>EACH</b>












































Description		Job Cost ID	Task JC ID	Quantity	UM
<b>(Item 56 - Connect To Existing 4" DIP Main continued)</b>					
 WL- Waterline Crew (2.00 EACH/DY, 1.00 DY, 8.00 HR/DY)				2.00	EACH
 Truck - Crew				8.00	HR
 Backhoe - Light				8.00	HR
 Dump Truck - 10 Wheel				8.00	HR
 Water Truck - 2000 Gal				8.00	HR
 Operator: Large Equipment				8.00	HR
 Pipelayer				8.00	HR
 Laborer [2]				8.00	HR
 Truck Driver				8.00	HR
 Water Truck Driver				8.00	HR
 Foreman				8.00	HR
 Operator: Small Equipment				8.00	HR
 Excavator - 20k LB				8.00	HR
 Excavator Compaction Wheel				8.00	HR
 Pipe Trailer				8.00	HR
 GC-Combo Hydro Truck Crew (2.00 EACH/DY, 1.00 DY, 8.00 HR/DY)				2.00	EACH
 Combo Truck				8.00	HR
 Combo Truck Operator				10.00	HR
 Laborer				10.00	HR
 Material Per Bid Item				1.00	LS
 Aggregate - ABC MAG Spec		100AA00003		6.60	TON
 Shoring		90200000		1.00	DY
 Trucking (1.00 DY, 0.69 Trucks, 0.25 EACH/HR)				2.00	EACH
 Plates [2]		90200000		2.00	DY
 Dump Fee - Dirt				2.00	LOAD
<b>D 57 - Fire Hydrant Assembly COC Standard Detail C-303 &amp; C-305</b>				<b>11.00</b>	<b>EACH</b>
 WL- Fire Hydrant Domestic Water Wet Barrel Crew (1.00 EACH/DY, 11.00 DY, 8.00 HR/DY)				11.00	EACH
 Truck - Crew				88.00	HR
 Excavator - 10k LB				88.00	HR
 Backhoe - Light				88.00	HR
 Pipe Trailer				88.00	HR
 Water Truck - 2000 Gal [0.5]				88.00	HR
 Foreman				88.00	HR
 Operator: Large Equipment				88.00	HR
 Operator: Small Equipment				88.00	HR
 Pipelayer				88.00	HR
 Laborer [2]				88.00	HR
 Water Truck Driver [0.5]				88.00	HR
 Material Per Bid Item				1.00	LS
 Aggregate - ABC MAG Spec		100AA00003		24.20	TON
<b>D 58 - 4-inch Bollard Type 1 COC Standard Detail C-105 &amp; Mag Standard Detail 140</b>				<b>4.00</b>	<b>EACH</b>
 WL-Bollard Crew (16.00 EACH/DY, 0.25 DY, 8.00 HR/DY)				4.00	EACH
 Truck - Crew				2.00	HR
 Backhoe - Light [2]				2.00	HR
 Foreman				2.00	HR
 Pipelayer				2.00	HR












































Description	Job Cost ID	Task JC ID	Quantity	UM
<i>(Item 58 - 4-inch Bollard Type 1 COC Standard Detail C-105 &amp; Mag Standard Detail 140 continued)</i>				
 Laborer			2.00	HR
 Subcontracted-Bollards			4.00	EACH
<b>D 59 - 1" Type K Soft Copper Service Line COC Standard Detail C-301</b>			<b>115.00</b>	<b>LF</b>
 WL-Water Service 1in W/ Box & Cover Crew (50.57 LF/DY, 2.27 DY, 8.00 HR/DY)			115.00	LF
 Truck - Crew			18.19	HR
 Water Truck - 2000 Gal [0.5]			18.19	HR
 Foreman			18.19	HR
 Pipelayer			18.19	HR
 Laborer [2]			18.19	HR
 Water Truck Driver [0.5]			18.19	HR
 Operator: Large Equipment			18.19	HR
 Pipe Trailer			18.19	HR
 Backhoe - Light			18.19	HR
 Excavator - 10k LB			18.19	HR
 Operator: Small Equipment			18.19	HR
 Material Per Bid Item			1.00	LS
 Aggregate - ABC MAG Spec	100AA00003		27.50	TON
 Plates [4]	90200000		4.00	DY
 Shoring	90200000		4.00	DY
<b>D 60 - 1.5" Copper Service Line COC Standard Detail C-301</b>			<b>237.00</b>	<b>LF</b>
 WL-Water Service 1.5in W/ Box & Cover Crew (89.50 LF/DY, 2.65 DY, 8.00 HR/DY)			237.00	LF
 Truck - Crew			21.18	HR
 Water Truck - 2000 Gal [0.5]			21.18	HR
 Pipe Trailer			21.18	HR
 Backhoe - Light			21.18	HR
 Excavator - 10k LB			21.18	HR
 Foreman			21.18	HR
 Pipelayer			21.18	HR
 Laborer [2]			21.18	HR
 Water Truck Driver [0.5]			21.18	HR
 Operator: Large Equipment			21.18	HR
 Operator: Small Equipment			21.18	HR
 Material Per Bid Item			1.00	LS
 Aggregate - ABC MAG Spec	100AA00003		55.00	TON
 Plates [4]	90200000		4.00	DY
 Shoring	90200000		4.00	DY
<b>D 61 - 2" Rigid Copper Service Line COC Standard Detail C-301</b>			<b>81.00</b>	<b>LF</b>
 WL-Water Service 2in W/ Box & Cover Crew (73.00 LF/DY, 1.11 DY, 8.00 HR/DY)			81.00	LF
 Truck - Crew			8.88	HR
 Water Truck - 2000 Gal [0.5]			8.88	HR
 Pipe Trailer			8.88	HR
 Backhoe - Light			8.88	HR
 Excavator - 10k LB			8.88	HR
 Foreman			8.88	HR
 Pipelayer			8.88	HR















































































Description	Job Cost ID	Task JC ID	Quantity	UM
<i>(Item 61 - 2" Rigid Copper Service Line COC Standard Detail C-301 continued)</i>				
 Laborer [2]			8.88	HR
 Water Truck Driver [0.5]			8.88	HR
 Operator: Large Equipment			8.88	HR
 Operator: Small Equipment			8.88	HR
 Material Per Bid Item			1.00	LS
 Aggregate - ABC MAG Spec	100AA00003		18.70	TON
 Shoring	90200000		2.00	DY
 Plates [4]	90200000		2.00	DY
<b>D 62 - Locate &amp; Connect Existing Services</b>			<b>17.00</b>	<b>EACH</b>
 WL- Waterline Crew (3.00 EACH/DY, 5.67 DY, 8.00 HR/DY)			17.00	EACH
 Truck - Crew			45.33	HR
 Backhoe - Light			45.33	HR
 Excavator - 10k LB			45.33	HR
 Operator: Large Equipment			45.33	HR
 Pipelayer			45.33	HR
 Laborer			45.33	HR
 Foreman			45.33	HR
 Operator: Small Equipment			45.33	HR
 Material Per Bid Item			17.00	LS
 Aggregate - ABC MAG Spec	100AA00003		18.70	TON
<b>D 63 - 1" Backflow Preventer &amp; Enclosure COC Standard Detail C-311</b>			<b>3.00</b>	<b>EACH</b>
 Backflow Preventer Small (1.00 EACH/DY, 3.00 DY, 8.00 HR/DY)			3.00	EACH
 Truck - Crew			24.00	HR
 Water Truck - 2000 Gal [0.5]			24.00	HR
 Pipe Trailer			24.00	HR
 Backhoe - Light			24.00	HR
 Excavator - 10k LB			24.00	HR
 Foreman			24.00	HR
 Pipelayer			24.00	HR
 Laborer [2]			24.00	HR
 Water Truck Driver [0.5]			24.00	HR
 Operator: Large Equipment			24.00	HR
 Operator: Small Equipment			24.00	HR
 CP-Concrete Sidewalk Crew (1.00 EACH/DY, 3.00 DY, 8.00 HR/DY)			3.00	EACH
 Truck - Crew			24.00	HR
 Box Trailer			24.00	HR
 Foreman			24.00	HR
 Concrete Finisher [3]			24.00	HR
 Laborer			24.00	HR
 Material Per Bid Item			3.00	LS
 Aggregate - ABC MAG Spec	100AA00003		9.90	TON
 Material Per Bid Item Concrete			1.00	LS
 Ready Mix Concrete - MAG B 2500	135ZZ00004		3.15	CY
 Concrete - Short Load Fee			3.00	EACH
 Subcontracted-Certification			3.00	DY
<b>D 64 - 1.5" Backflow Preventer &amp; Enclosure COC Standard Detail C-311</b>			<b>3.00</b>	<b>EACH</b>

Description		Job Cost ID	Task JC ID	Quantity	UM
<b>(Item 64 - 1.5" Backflow Preventer &amp; Enclosure COC Standard Detail C-311 continued)</b>					
 Backflow Preventer Small (1.00 EACH/DY, 3.00 DY, 8.00 HR/DY)				3.00	EACH
 Truck - Crew				24.00	HR
 Water Truck - 2000 Gal [0.5]				24.00	HR
 Pipe Trailer				24.00	HR
 Backhoe - Light				24.00	HR
 Excavator - 10k LB				24.00	HR
 Foreman				24.00	HR
 Pipelayer				24.00	HR
 Laborer [2]				24.00	HR
 Water Truck Driver [0.5]				24.00	HR
 Operator: Large Equipment				24.00	HR
 Operator: Small Equipment				24.00	HR
 CP-Concrete Sidewalk Crew (1.00 EACH/DY, 3.00 DY, 8.00 HR/DY)				3.00	EACH
 Truck - Crew				24.00	HR
 Box Trailer				24.00	HR
 Foreman				24.00	HR
 Concrete Finisher [3]				24.00	HR
 Laborer				24.00	HR
 Material Per Bid Item				3.00	LS
 Aggregate - ABC MAG Spec		100AA00003		9.90	TON
 Subcontracted-Certification				3.00	DY
 Material Per Bid Item Concrete				1.00	LS
 Ready Mix Concrete - MAG B 2500		135ZZ00004		3.15	CY
 Concrete - Short Load Fee				3.00	EACH
<b>D 65 - 2" Backflow Preventer &amp; Enclosure COC Standard Detail C-302</b>				<b>1.00</b>	<b>EACH</b>
 Backflow Preventer Small (0.75 EACH/DY, 1.33 DY, 8.00 HR/DY)				1.00	EACH
 Truck - Crew				10.67	HR
 Water Truck - 2000 Gal [0.5]				10.67	HR
 Pipe Trailer				10.67	HR
 Backhoe - Light				10.67	HR
 Excavator - 10k LB				10.67	HR
 Foreman				10.67	HR
 Pipelayer				10.67	HR
 Laborer [2]				10.67	HR
 Water Truck Driver [0.5]				10.67	HR
 Operator: Large Equipment				10.67	HR
 Operator: Small Equipment				10.67	HR
 Material Per Bid Item				1.00	LS
 Aggregate - ABC MAG Spec		100AA00003		3.30	TON
 Subcontracted-Certification				1.00	DY
 Material Per Bid Item Concrete				1.00	LS
 Ready Mix Concrete - MAG B 2500		135ZZ00004		1.05	CY
 Concrete - Short Load Fee				1.00	EACH
 CP-Concrete Sidewalk Crew (1.00 EACH/DY, 1.00 DY, 8.00 HR/DY)				1.00	EACH
 Truck - Crew				8.00	HR
 Box Trailer				8.00	HR
 Foreman				8.00	HR


Description	Job Cost ID	Task JC ID	Quantity	UM
<i>(Item 65 - 2" Backflow Preventer &amp; Enclosure COC Standard Detail C-302 continued)</i>				
 Concrete Finisher [3]			8.00	HR
 Laborer			8.00	HR
<b>D 66 - 4-inch Backflow Preventer COC Standard Detail C-315</b>			<b>1.00</b>	<b>EACH</b>
 WL-Double Check Backflow Preventer 4in Appurtenance Crew (0.75 EACH/DY, 1.33 DY, 8.00 HR/DY)			1.00	EACH
 Truck - Crew			10.67	HR
 Backhoe - Light			10.67	HR
 Water Truck - 2000 Gal			10.67	HR
 Foreman			10.67	HR
 Operator: Small Equipment			10.67	HR
 Pipelayer			10.67	HR
 Laborer [2]			10.67	HR
 Water Truck Driver			10.67	HR
 Excavator - 20k LB			10.67	HR
 Dump Truck - 10 Wheel			10.67	HR
 Operator: Large Equipment			10.67	HR
 Excavator Compaction Wheel			10.67	HR
 Pipe Trailer			10.67	HR
 CP-Concrete Sidewalk Crew (0.50 EACH/DY, 2.00 DY, 8.00 HR/DY)			1.00	EACH
 Truck - Crew			16.00	HR
 Box Trailer			16.00	HR
 Foreman			16.00	HR
 Concrete Finisher [3]			16.00	HR
 Laborer			16.00	HR
 Material Per Bid Item			1.00	LS
 Aggregate - ABC MAG Spec	100AA00003		5.50	TON
 Subcontracted-Certfication			1.00	DY
 Material Per Bid Item Concrete			1.00	LS
 Ready Mix Concrete - MAG B 2500	135ZZ00004		3.15	CY
 Concrete - Short Load Fee			1.00	EACH
<b>D 67 - 6" Backflow Preventer And Enclosure COC Standard Detail C-315</b>			<b>2.00</b>	<b>EACH</b>
 WL-Double Check Backflow Preventer 6in Appurtenance Crew (0.50 EACH/DY, 4.00 DY, 8.00 HR/DY)			2.00	EACH
 Truck - Crew			32.00	HR
 Backhoe - Light			32.00	HR
 Water Truck - 2000 Gal			32.00	HR
 Foreman			32.00	HR
 Operator: Small Equipment			32.00	HR
 Pipelayer			32.00	HR
 Laborer [2]			32.00	HR
 Water Truck Driver			32.00	HR
 Excavator - 20k LB			32.00	HR
 Dump Truck - 10 Wheel			32.00	HR
 Operator: Large Equipment			32.00	HR
 Excavator Compaction Wheel			32.00	HR
 Pipe Trailer			32.00	HR
 CP-Concrete Sidewalk Crew (0.50 EACH/DY, 4.00 DY, 8.00 HR/DY)			2.00	EACH

Description	Job Cost ID	Task JC ID	Quantity	UM
<b>(Item 67 - 6" Backflow Preventer And Enclosure COC Standard Detail C-315 continued)</b>				
 Truck - Crew			32.00	HR
 Box Trailer			32.00	HR
 Foreman			32.00	HR
 Concrete Finisher [3]			32.00	HR
 Laborer			32.00	HR
 Material Per Bid Item			1.00	LS
 Aggregate - ABC MAG Spec	100AA00003		13.20	TON
 Subcontracted-Certification			2.00	DY
 Material Per Bid Item Concrete			2.00	LS
 Ready Mix Concrete - MAG B 2500	135ZZ00004		8.40	CY
<b>D 68 - Water Meter Box</b>			<b>17.00</b>	<b>EACH</b>
 WL-Water Service 1in W/ Box & Cover Crew (5.00 EACH/DY, 3.40 DY, 8.00 HR/DY)			17.00	EACH
 Truck - Crew			27.20	HR
 Foreman			27.20	HR
 Pipelayer			27.20	HR
 Laborer			27.20	HR
 Pipe Trailer			27.20	HR
 Backhoe - Light			27.20	HR
 Operator: Small Equipment			27.20	HR
 Flatbed Trailer			27.20	HR
<b>D 69 - 2" Combo Air Relief Valve</b>			<b>1.00</b>	<b>EACH</b>
 ARV Installation (1.00 EACH/DY, 1.00 DY, 8.00 HR/DY)			1.00	EACH
 Truck - Crew			8.00	HR
 Water Truck - 2000 Gal [0.5]			8.00	HR
 Pipe Trailer			8.00	HR
 Backhoe - Light			8.00	HR
 Excavator - 10k LB			8.00	HR
 Foreman			8.00	HR
 Pipelayer			8.00	HR
 Laborer [2]			8.00	HR
 Water Truck Driver [0.5]			8.00	HR
 Operator: Large Equipment			8.00	HR
 Operator: Small Equipment			8.00	HR
 CP-Concrete Sidewalk Crew (1.00 EACH/DY, 1.00 DY, 8.00 HR/DY)			1.00	EACH
 Truck - Crew			8.00	HR
 Box Trailer			8.00	HR
 Foreman			8.00	HR
 Concrete Finisher [3]			8.00	HR
 Laborer			8.00	HR
 Material Per Bid Item			1.00	LS
 Aggregate - ABC MAG Spec	100AA00003		14.30	TON
 Material Per Bid Item Concrete			1.00	LS
 Ready Mix Concrete - MAG B 2500	135ZZ00004		1.05	CY
 Concrete - Short Load Fee			1.00	EACH
<b>D 70 - Temporary Waterline Installation And Removal</b>			<b>2.00</b>	<b>EACH</b>
 Temp Water Installation Crew (0.50 LF/DY, 4.00 DY, 8.00 HR/DY)			2.00	LF

Description	Job Cost ID	Task JC ID	Quantity	UM
<b>(Item 70 - Temporary Waterline Installation And Removal continued)</b>				
 Truck - Crew			32.00	HR
 Backhoe - Light			32.00	HR
 Water Truck - 2000 Gal			32.00	HR
 Foreman			32.00	HR
 Operator: Small Equipment			32.00	HR
 Pipelayer			32.00	HR
 Laborer			32.00	HR
 Water Truck Driver			32.00	HR
 Excavator - 10k LB			32.00	HR
 Shoring	90200000		4.00	DY
 Material Per Bid Item			1.00	LS
 6" Potable HDPE [1,000]			1.00	MO
 GC-Chlorine & Pressure Test Crew (1.00 EACH/DY, 2.00 DY, 8.00 HR/DY)			2.00	EACH
 Truck - Crew			16.00	HR
 Hydrostatic Test Pump Trailer			16.00	HR
 Pipelayer			16.00	HR
 Laborer [3]			16.00	HR
 Plates [16]	90200000		30.00	DY
 Temp Water Installation Removal (1.00 EACH/DY, 2.00 DY, 8.00 HR/DY)			2.00	EACH
 Truck - Crew			16.00	HR
 Backhoe - Light			16.00	HR
 Water Truck - 2000 Gal			16.00	HR
 Foreman			16.00	HR
 Operator: Small Equipment			16.00	HR
 Pipelayer			16.00	HR
 Laborer			16.00	HR
 Water Truck Driver			16.00	HR
 Excavator - 10k LB			16.00	HR
 Shoring	90200000		2.00	DY
 Pipe Trailer			16.00	HR
<b>D 71 - SRP Engineered Supports</b>			<b>2.00</b>	<b>EACH</b>
 Material Per Bid Item			1.00	LS
 NW Corner Installation (1.00 EACH/DY, 2.00 DY, 8.00 HR/DY)			2.00	EACH
 Truck - Crew			16.00	HR
 Backhoe - Light			16.00	HR
 Dump Truck - 10 Wheel			16.00	HR
 Water Truck - 2000 Gal			16.00	HR
 Operator: Large Equipment			16.00	HR
 Pipelayer			16.00	HR
 Laborer [2]			16.00	HR
 Truck Driver			16.00	HR
 Water Truck Driver			16.00	HR
 Foreman			16.00	HR
 Shoring	90200000		2.00	DY
<b>D 72 - General Conditions</b>			<b>7.00</b>	<b>MO</b>

Description	Job Cost ID	Task JC ID	Quantity	UM
<b>(Item 72 - General Conditions continued)</b>				
 GC-Pothole	10020015		10.00	EACH
 Subcontracted-Utility Potholing			10.00	EACH
 Trash Dumpsters / Dump Fees			7.00	MO
 Connex Boxes			7.00	MO
 Water Meter			2.00	EACH
 Water & Ice			30.00	WK
 Office & Yard Rental			7.00	MO
 Project Utilities			7.00	MO
 Project Sanitation			7.00	MO
 Temporary Fencing			7.00	MO
 Senior Project Manager			7.00	MO
 Senior Project Manager (11.50 DY/MO, 80.50 DY, 8.00 HR/DY)			7.00	MO
 Truck - Management			644.00	HR
 Sr. Project Manager			644.00	HR
 Assistant Project Manager			7.00	MO
 Assistant Project Manager Crew (21.60 DY/MO, 151.20 DY, 8.00 HR/DY)			7.00	MO
 Truck - Management			1,209.60	HR
 Assistant Project Manager			1,209.60	HR
 General / Project Superintendent			7.00	MO
 Superintendent (10.80 DY/MO, 75.60 DY, 8.00 HR/DY)			7.00	MO
 Truck - Management			604.80	HR
 Superintendent			604.80	HR
 Field Superintendent			7.00	MO
 Field Superintendent (21.60 DY/MO, 151.20 DY, 8.00 HR/DY)			7.00	MO
 Truck - Management			1,209.60	HR
 Field Superintendent			1,209.60	HR
 Field Engineer			3.00	MO
 Field Engineer			512.00	HR
 Field Communication			7.00	MO
 First Aid			1.00	EACH
 ST&S, Safety Supplies, Training, Small Tools			21,495.00	MH
 Job Office Expense			7.00	MO
 Drone Photography			7.00	MO

## Indirect Items

Description	Job Cost ID	Task JC ID	Quantity	UM
 9.0 - Do Not Delete	10000001		0.00	LS

**Exhibit D5: Clarification & Assumptions**  
**CHANDLER & DOBSON WATERMAIN REPLACEMENT**  
COC Project No.: WW2005.403  
GMP-002  
[04/26/2023]

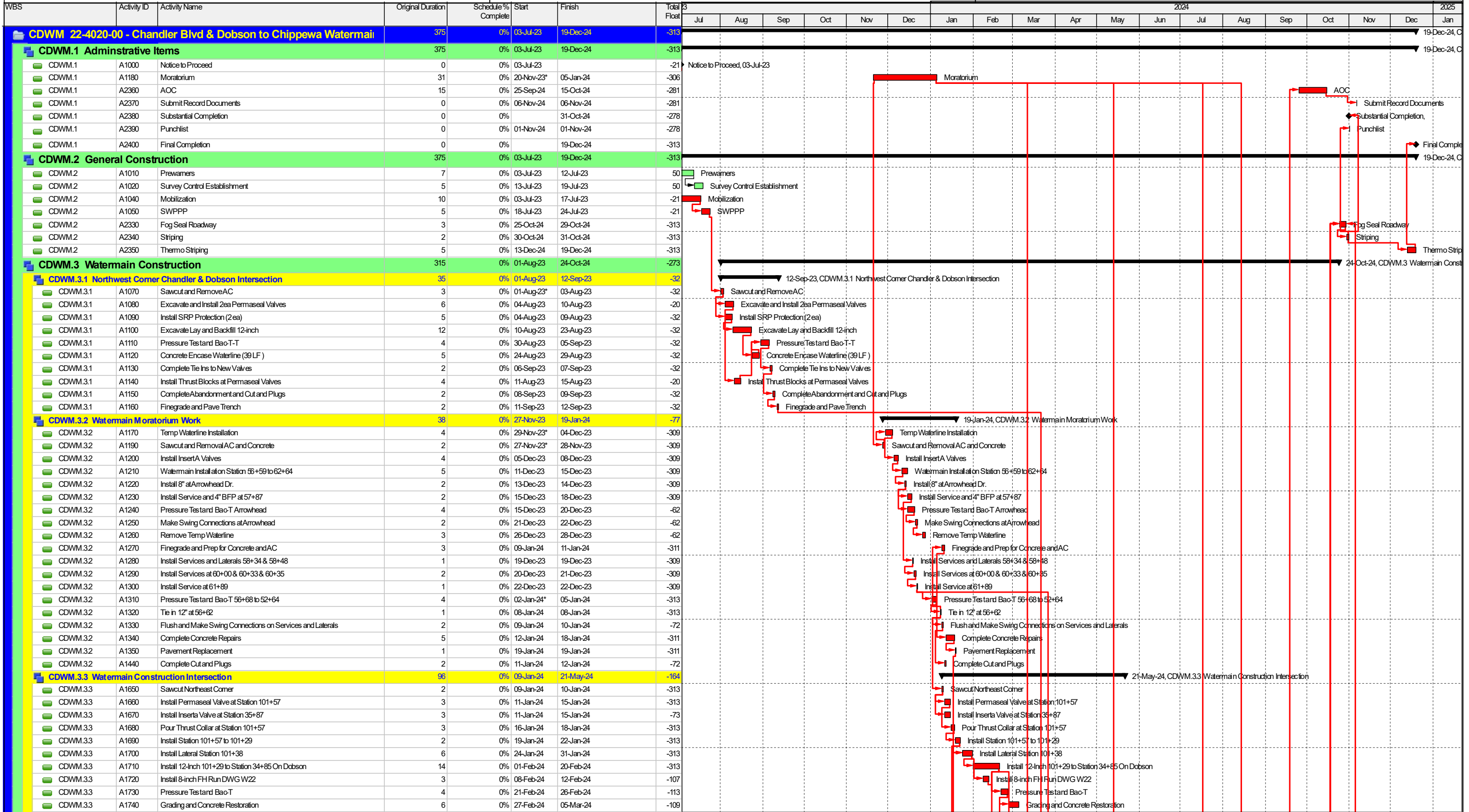
1. Mobilization/Demobilization for this GMP-002 is a onetime round trip for personnel, equipment, and supplies. Project delays that result in demobilization of personnel and/or equipment are not included, and any additional costs incurred are a change in scope.
2. Any costs associated with Permits, Paving Permit/Fees, Waterline and Trench Permit/Fees and Haul Permit/Fees are included in the GMP. SWPPP Permit and Dust Control included in Sewer GMP.
3. This GMP is based on 90% design drawings and as-builts. If actual conditions/locations differ from those shown on the Project Documents, additional and equitable compensation may be requested. These additional costs, if encountered, will be a change in scope and compensated from owner's contingency.
4. The GMP does not include costs for the remediation of hazardous waste materials not generated by CMAR.
5. CMAR acknowledges the city code 11-10.2: Construction Noise. Contractor normal working hours are assumed to be from 7:00AM to 5:00PM (6:00AM start time from May to September), but after hours and 24-hour operations may be required to facilitate the construction of this project.
6. Traffic Control costs include setup, rental and teardown as deemed by COC Traffic. The assumption is single lane closure that will be expanded to a double lane from 8:30AM to 3:30PM. It is expected that all traffic control devices will be able to be left overnight in a single lane closure over running line. Additional costs not included in this GMP will be incurred if they are required to be removed overnight.
7. Limited work will be allowed from November 18, 2023, to January 2, 2023, to sections of the project on the west bound lanes on Chandler boulevard from Arrowhead Drive to Meadow Drive. No testing will be available in the week of December 25-29.
8. This GMP includes costs for currently identified engineering, design, environmental, survey, and community relation efforts determined in the design phase. Additional efforts encountered or added due to increased scope of work elements or unforeseen conditions to be encumbered in Owner or Contractor Contingency line items.
9. Excludes any costs associated with blasting or hydraulic breakers of any kind.
10. The replacement of the water schedule will begin in August of 2023 and finish October of 2024. Due to asphalt treatment, initial, and final striping the project will not be 100% complete by December of 2024 dictated by the striping company does not warranty the striping until 30 days of cure has been completed on the treatment.
11. Pavement patching or restoration is bid to complete per the COC standard materials for arterial roadways.
12. Excludes costs for repair of pre-existing damage of any private and public roadways used to access this project. If required, costs to be reimbursed from Owner or Contractor Contingency.
13. The contractor's Contingency Usage will be utilized per General Condition 15.4.1 included in the contract.

14. GMP assumes access can be granted to CMAR for suitable staging and installation of the water main replacement at the various sections.
15. Excludes operation of any existing valves on the City of Chandler system.
16. CMAR is aware of the lead time for the materials due to the current market conditions but assumes the majority of the materials can be stored in the laydown yard location.
17. After installation of the water main line, CMAR will backfill the trench as designated on the plan sheets by utilizing ½ sack slurry in all intersection work, large vertical realignments under the exiting utilities, and will use ABC in all other applications by mechanically compacting and testing for compaction.
18. CMAR intends to place plates on top of the asphalt during construction under a 24-hour lane closure and mill plates flush with asphalt or temp cold patch with asphalt 2" asphalt at driveway access points only at the CMAR discretion.
19. Excavation for mainline pipe install will be hauled off and disposed of offsite. Backfill will consist of imported aggregates and/or slurry.
20. B&F will utilize Pipeline Services for all hot taps for existing waterlines.
21. Pavement removal and replacement associated with the water line replacement is quantified based on discussions from the design phase meetings. If there is a discrepancy with the GMP plans and quantities are incorrect the direct overrun will be unit cost adjusted through the contractor contingency.
22. This GMP includes a CMAR Contingency based on the risk register. All quantity variations for difference in length and vertical depth based on project drawings vs. field verified measurements, and for variations of individual property service connections will be direct unit cost reimbursable through contingency.
23. Fog seal will be applied as designated by the City of Chandler and provided a best estimate based on the parameter give and quantity overrun will be paid from contractor's contingency.
24. Abandonment of the existing ACP and CIP pipe is grout filled. B&F will provide materials and service to complete work but does not anticipate any testing of the existing line post grout abandonment. A plan will be produced, submitted, and approved by the owner prior to commencement of the work.
25. Tax credit only applies to pipe materials 4-inch or larger. Please see the summary sheet in the appendix for reference.
26. Subcontractor selection follows 17.6 of the general conditions in the contract.
27. CMAR expectation is to close sidewalks and bike paths in the construction zone and route pedestrians to the nearest ADA compliant crossing and detour pedestrians to the opposite of the roadway around the work zone. No barriers, special ramps, temp bus stops, slip resistant plating, or similar pedestrian related control has been added to this GMP. Additional requirements will be paid through the Traffic Control allowance.
28. B&F has provided the GMP with adjusted locations with limited isolation valves. The anticipation is all other locations the City of Chandler will be able to isolate section of the pipe to complete all tie overs. Any additional work will be considered a change from Owners Contingency.
29. Engineering for pipe supports is excluded in this GMP.
30. Paver replacement, traffic control, quality control testing, construction water, survey, public outreach, and crack seal are allowances in GMP-002.
31. Landscape restoration will be compensated through the allowance in GMP-003.



32. Cost for coordination with the water services department and shutdown planning is included in the GMP.
33. To limit construction work area, the CMAR plans to install test section of the new mainline as isolation is available and continually tie the lines over in section on the project to eliminate multiple mobilization into section of the ROW to limit the impact to the public. Once the tie-in is completed the existing line will be abandoned and surface restoration will be completed.
34. The CMAR fees there is risk associated with the Valley Gutters at many local streets running parallel to the trench with less than a few feet separation and has added additional replacement in contingency.
35. B&F will provide an onsite trailer for staff with internet that will have limited space for large meetings. B&F does not have costs for the owner or owner's representative facilities in its GMP.
36. Traffic Control at intersection work is estimated at a 24 hour per day closure with a full 8 hour working day available as approved by the city Engineer.
37. Night work is not anticipated except for tie ins identified in preconstruction for water shutdowns at specific locations as approved by the city Engineer.
38. 72-hour and 24-hour notice notifications required for water shut down and service tie-overs are included in the cost by the Contractor.
39. ACP disposal for quantity on plans is included in the CMAR cost.
40. All specialty asphalt, concrete, and/or paver unless expressed explicitly on the plans would be compensated through owner's contingency.
41. Material salvage will be taken to the COC facilities (McQueen Yard) and placed in the designated area after notifying Jeff Auker.
42. Unit Price Contract Administration: This GMP will be administered as a Measured Quantity/Unit Price, Guaranteed Not-to-Exceed Contract. The Schedules of Values are defined by the individual work/pay items plus fee structure, and markups. Final contract price/payout will be based on field measured, final completed quantities at the approved unit prices, approved allowance and/or contingency utilization, and approved change orders. It is understood that these City approved prices including mark-ups are the "Cost of the Work". The mark-up structure on the Schedule of Values (Exhibit D3) will apply to Change Orders and/or Extra Work, allowances, and contingencies. Pay Item under-runs and/or unused items shall fall to Owner's contingency for the duration of the project. Quantity over-runs shall be paid at the unit price established in the Schedule of Values for the pay item and shall be paid from Contingency or Change Orders.

## **D6: GMP-002 & GMP-003 SCHEDULE**



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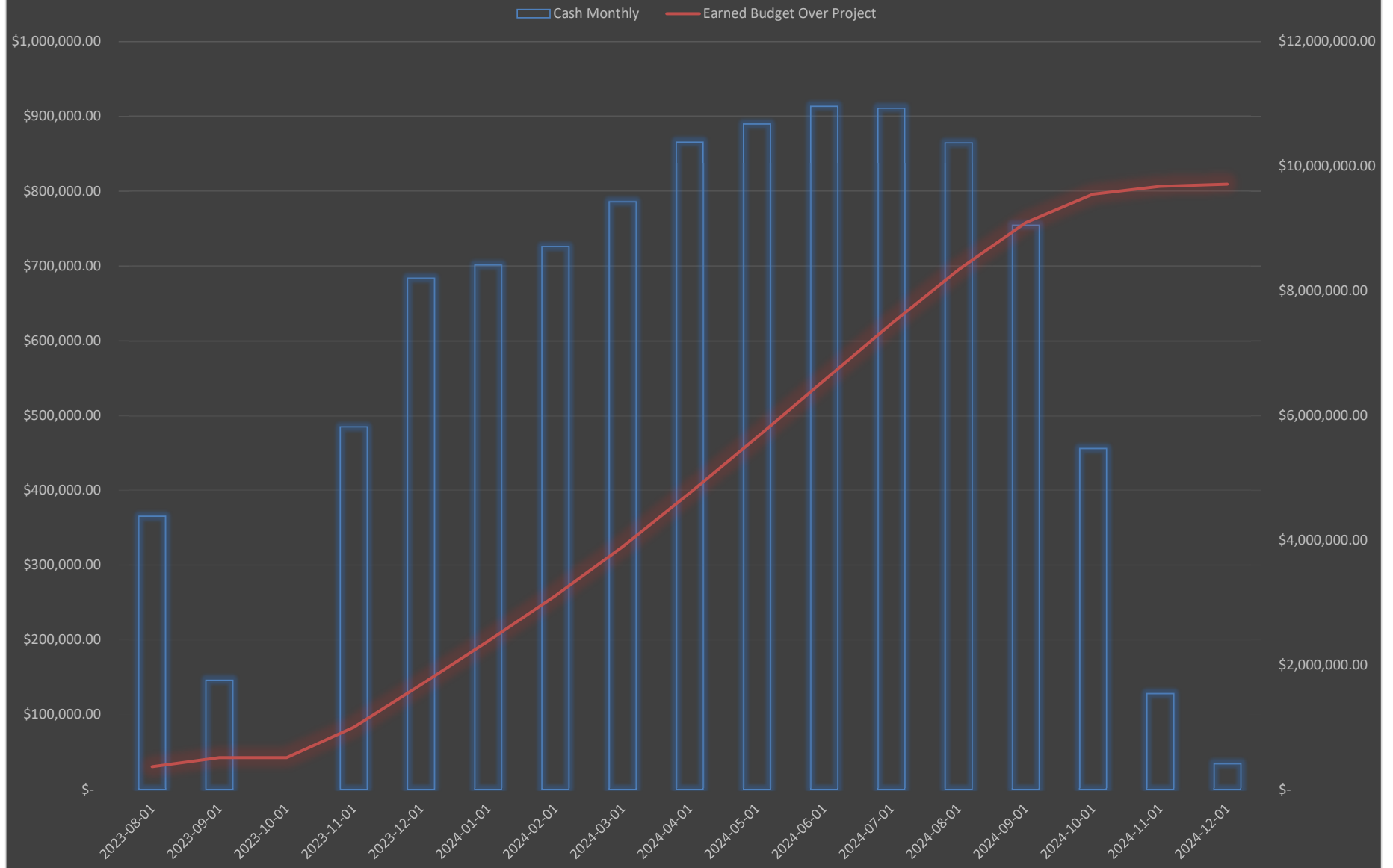
WBS	Activity ID	Activity Name	Original Duration	Schedule % Complete	Start	Finish	Total Float	2024												2025			
								Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
	CDWM.3.5	A2140	Pavement Restoration	6	0%	17-Oct-24	24-Oct-24	-313															
	CDWM.3.5	A2150	Concrete Restoration	7	0%	08-Oct-24	16-Oct-24	-313															
	CDWM.3.5	A2160	Complete Abandonment and Cut and Plugs	4	0%	25-Sep-24	30-Sep-24	-313															
	CDWM.3.5	A2170	Landscape Restoration	4	0%	10-Sep-24	13-Sep-24	-244															
	CDWM.3.6 Watermain Construction (Chippewa)		22	0%	20-May-24	19-Jun-24	-184																
	CDWM.3.6	A1560	Sawcut and Removals	3	0%	20-May-24	22-May-24	-313															
	CDWM.3.6	A1570	Cut In 16-inch Tee	3	0%	23-May-24	28-May-24	-313															
	CDWM.3.6	A1580	Install and 8-inch Laterals with Hydrant	3	0%	28-May-24	30-May-24	-313															
	CDWM.3.6	A1590	Pressure Test and Bac-T Lateral	4	0%	31-May-24	05-Jun-24	-313															
	CDWM.3.6	A1600	Connect 8-Inch Lateral	1	0%	06-Jun-24	06-Jun-24	-313															
	CDWM.3.6	A1610	Complete Concrete and Grading	2	0%	12-Jun-24	13-Jun-24	-221															
	CDWM.3.6	A1620	Pavement Replacement	1	0%	14-Jun-24	14-Jun-24	-221															
	CDWM.3.6	A1630	Landscape Restoration	3	0%	17-Jun-24	19-Jun-24	-184															
	CDWM.3.6	A1640	Complete Abandonment and Cut and Plugs	3	0%	07-Jun-24	11-Jun-24	-221															
	CDWM.3.7 Watermain Construction Interconnect (Station 44+80)		14	0%	05-Aug-24	22-Aug-24	-269																
	CDWM.3.7	A2180	Sawcut and Removals	2	0%	05-Aug-24	06-Aug-24	-276															
	CDWM.3.7	A2190	Install 12-Inch Pipe	5	0%	07-Aug-24	13-Aug-24	-276															
	CDWM.3.7	A2200	Pressure Test and Bac-T	4	0%	14-Aug-24	19-Aug-24	-269															
	CDWM.3.7	A2210	Connect to Existing Line	1	0%	20-Aug-24	20-Aug-24	-269															
	CDWM.3.7	A2220	Finegrade for Asphalt	1	0%	21-Aug-24	21-Aug-24	-269															
	CDWM.3.7	A2230	Pavement Replacement	1	0%	22-Aug-24	22-Aug-24	-269															
	CDWM.3.8 Watermain Construction Interconnect (Station 55+63)		21	0%	07-Aug-24	05-Sep-24	-238																
	CDWM.3.8	A2280	Sawcut and Removals	2	0%	07-Aug-24	08-Aug-24	-219															
	CDWM.3.8	A2290	Install 12-Inch Pipe	5	0%	14-Aug-24	20-Aug-24	-276															
	CDWM.3.8	A2240	Pressure Test and Bac-T	4	0%	21-Aug-24	26-Aug-24	-276															
	CDWM.3.8	A2250	Connect to Existing Line	1	0%	27-Aug-24	27-Aug-24	-276															
	CDWM.3.8	A2260	Finegrade for Asphalt And Concrete	1	0%	28-Aug-24	28-Aug-24	-276															
	CDWM.3.8	A2270	Pavement Replacement	1	0%	03-Sep-24	03-Sep-24	-276															
	CDWM.3.8	A2300	Concrete Median Replacement	2	0%	29-Aug-24	30-Aug-24	-276															
	CDWM.3.8	A2310	Median Restoration	2	0%	04-Sep-24	05-Sep-24	-238															



**CONTRACTING**  
— Since 1990

**D7: CASH FLOW**

Exhibit D8: Chandler Blvd & Dobson Watermain GMP-002 & GMP-003 Cashflow Projection





## D8: RISK REGISTER



	Undesirable (Serious impact to the course of action and outcome)		Probable (Risk will occur)									
	Intolerable (Could result in disaster)		*View Risk Assessment Matrix JPEG attached in Row 1 for scale.									
Chandler Dobson Water Project												
Sewer Installation												
City of Chandler												
Josh Onstott												
ID	FLAG	IDENTIFIED RISK	BRIEF DESCRIPTION	RISK SEVERITY	RISK LIKELIHOOD	RISK RATING CALCULATION (this section will auto--populate results)	ACTION (this section will auto--populate results)	MITIGATIONS / WARNINGS / REMEDIES / NOTES	Probability Percentage	B&F Cost Impact Potential Impact	Potential Contingency	
WMR-01		Trench Collapse	Josh Onstott	Run higher yield on back fill and pavement quantities	Tolerable	Probable	High	CONTINGENCY PLAN	Backfill behind box limit open trenches	25%		
WMR-02		Excess Asphalt Replacement due to equipment	Josh Onstott	Run higher yield on back fill and pavement quantities	Tolerable	Probable	Low	OK TO PROCEED	Run a calculation to add to contingency	25%	\$ 161,588.00 \$ 40,397.00	
WMR-03		Material Escalation	Josh Onstott	Material have 6 month increases that are not known	Tolerable	Probable	High	CONTINGENCY PLAN	Material all have disclaimer that the price will increase twice during this project for most agregate materials and additional cost will be incurred.	25%	\$ 165,850.00 \$ 41,462.50	
WMR-04		Utility Conflict	Josh Onstott	Unknown utility prevent running line	Undesirable	Improbable	Medium	TAKE MITIGATION EFFORTS	Pothole as many as possible of know utilities and apply contingency if needed. Prepare contingency estimate if a relocation is needed to cover the excess cost associated with the delay	5%	\$ 52,000.00 \$ 13,000.00	
WMR-05		Labor Escalation	Josh Onstott	Prices of labor have spiked over 18% in the past 15 months and this trend is expected to slow its still a concern and possibility	Acceptable	Possible	Low	OK TO PROCEED	Utilize an average over the company 15 months and apply to all labor hours into contingency.	30%	\$ 13,744.32 \$ 687.22	
WMR-06		Equipment Cost Escalation	Josh Onstott	Prices of equipment have went up and parts over 20% in the past years. Likely hood it could continure	Acceptable	Possible	Low	OK TO PROCEED	Average 20% from time of cost model to end of construction	30%	\$ 168,527.20 \$ 50,558.16	
WMR-07		Delays due to isolation issues	Josh Onstott	Delay to complete work due to shutdown failure	Undesirable	Possible	Medium	TAKE MITIGATION EFFORTS	Delay tie overs add cost standby cost	5%	\$ 133,312.41 \$ 39,993.72	
WMR-08		Concrete Quantity Growth	Josh Onstott	Due to alignment of watermain the expectation to ave increases in concrete aprons, ADA ramps, driveways.	Undesirable	Probable	Medium	TAKE MITIGATION EFFORTS	Try to avoid damage and work with COC on replacment on aprons to mitigate extra cost over planned quantities	50%	\$ 30,700.00 \$ 1,535.00	
WMR-09		Traffic Control Overrun of Allowance	Josh Onstott	Due to complex setup and multiple different scenerios at this time there could be chance of overrun with out having a defined plan.	Acceptable	Improbable	Low	OK TO PROCEED	Based on final discussion adjust TCP and schedule to account for outcome	20%	\$ 116,328.89 \$ 58,164.45	
WMR-10		Overrun Soft Dig Support	Josh Onstott	Due to the amount of utilities in the running line and the encountered digging conditions the budget established though conservative estimates could run over based on the time and depth to get around the existino utilities.	Acceptable	Possible	Low	OK TO PROCEED	Prepare contingency for 40 extra hours for additional soft dig support.	30%	\$ 123,750.00 \$ 24,750.00	
WMR-11		Fuel Escalation	Josh Onstott	Fuel raises over \$5.5 a gallon	Undesirable	Possible	Medium	OK TO PROCEED	Estimate for a contingency for a fuel increase of \$1.00 gallon over the life cycle of the project.	50%	\$ 20,400.00 \$ 6,120.00	
WMR-12		Overrun due to slower-than-expected production due to delays	Josh Onstott	All items listed could cause significant delays and would run the bypass over though the likely hood is	Tolerable	Possible	Medium	TAKE MITIGATION EFFORTS	Prepare a estimate on a daily run and standby of bypass and multiply by probability.	10%	\$ 114,000.00 \$ 57,000.00	
12-Inch Sewer Installation										Josh Onstott		
										Section Subtotal	\$ 1,133,861.62	\$ 337,034.12
										Totals	\$ 1,133,861.62	\$ 337,034.12
										Markup %	\$	53,352.50
										Potential Contractors Contingency	\$	390,386.62

Only 285881.94 is included in GMP-002. The remainder will be in GMP-003

\$ 285,881.94

April 26, 2023

Scott Riter – Construction Project Manager  
City of Chandler – Public Works & Utilities  
215 E Buffalo Street  
Chandler, AZ 85225

**RE: Name: Chandler Blvd and Dobson Road Watermain Replacement Project**  
**Project No.: WW2005.403**

**SUBJECT: Subcontractor and Material Selection – GMP-002**

Dear Mr. Riter,

B&F Contracting, Inc. respectfully submits, for your review, our GMP-002 subcontractor and material selection for the forementioned project.

Per the City of Chandler Contract: “Any subcontractor assumptions, clarifications, exclusions, terms & conditions, signature blocks, etc. included are strictly between the general contractor and their sub-consultants and do not apply to agreement between the general contractor and the city.”

Included in this package are the following documents:

- Subcontractor and Material Quotes
- Allowance Explanation

We are excited about the opportunity to work with the City of Chandler and look forward to discussing this soon. If you or your team have any questions or comments regarding the above items, please contact Josh Onstott at (623)238-3792.

Sincerely,

**Josh Onstott**

Josh Onstott – Executive Director  
Jonstott@bfcontracting.com  
B&F Contracting, Inc.

## **D6: SUBCONTRACTOR & MATERIAL SELECTION**



# Proposal

Corporate: 11011 N. 23rd Ave. Phoenix, AZ 85029

Office: 623-582-1170|Fax: 623-582-3761

Tucson: 1904 W. Prince Rd. Tucson, AZ 85705

Office: 520-207-8228|Fax: 520-305-3323

AZ Licenses: ROC-089744 A General Contracting

ROC-111282 B-04 General Engineering

## Subcontractor RFQ Analysis Report

<b>Project Name:</b> Chandler Dobson Water Install Project	<b>Customer:</b> City of Chandler
<b>Job Number:</b> W22351 <b>Bid Number:</b> W22351	<b>Billing Address:</b> Mail Stop 407, P.O. Box 4008
<b>Bid As:</b> B&F Contracting, Inc.	Chandler, AZ 85244 USA
<b>Estimator:</b> Joshua Onstott	<b>Phone:</b> 4807823310
<b>Project Address:</b> Chandler Blvd/ Dobson Rd, Chandler, AZ	<b>Contact:</b> Melanie Sikes
<b>Completion Date:</b> 8/1/2024	

## RFQ Group: Asphalt Pavement

### Subcontractor Information

Quote	Company Name	Location	Contact	Phone	Minority
1	<b>P1 Paving &amp; Construction</b>	<b>Peoria, AZ</b>		<b>(602) 359-0100</b>	
2	L&L Asphalt LLC	Phoenix, AZ		(623) 434-1200	
3	Gonzalez Asphalt, Inc.	Phoenix, AZ		(623) 594-2245	

### Item and Task Prices

Description	Quantity	UM	Quote 1	Quote 2	Quote 3	Quote 4
[1] - Asphalt Mobilization	16.00	EACH	<b>\$1,500.00</b>	\$1,500.00	\$0.00	\$0.00
[10] - Replace AC Trench Paving	3,345.00	SY	<b>\$80.70</b>	\$92.00	\$103.50	\$0.00
<b>Total Quoted Price:</b>			<b>\$293,941.50</b>	\$331,740.00	\$346,207.50	\$0.00
<b>Plug Total For Items and Tasks Not Quoted:</b>			<b>\$0.00</b>	\$0.00	\$0.00	\$0.00
<b>Adjustments:</b>			<b>\$0.00</b>	\$0.00	\$0.00	\$0.00
<b>Total Adjusted Price:</b>			<b>\$293,941.50</b>	\$331,740.00	\$346,207.50	\$0.00



# P1 Paving and Construction LLC

8550 N 91<sup>ST</sup> AVE STE. 65 PEORIA, ARIZONA 85345

OFFICE: (623) 594-7174 FAX: (623) 594-7159

## PROPOSAL

### CUSTOMER

**ATTN: Amit Satre – B&F Contracting**

**SUBJECT: Chandler Dobson Water Improvement Project**

**ADDRESS: Dobson Road & Chandler Blvd**

P1 Paving and Construction submits the following proposal for your consideration and acceptance.

A) Mill 6.5" depth, clean, furnish, place and compact 6.5" depth AC – 2 mixes – 5,100 SY –  
\$80.70 / SY  
\$411,570

B) Furnish, place and compact 6.5" depth AC – 2 mixes – 5,100 SY –  
\$67.90 / SY  
\$346,290

MOBILIZATION - \$1,500 each

All paving / patching includes crack seal. – Additional crack seal to be billed at \$.45 / SF and not to be done as a separate mobilization.

Fog seal – 32,000 SY – includes 2 mobilizations \$16,500

Proposal includes/excludes the following:

Saw Cutting	yes	___	no	<u>x</u>	Utility adjustments	yes	___	no	<u>x</u>	Prevailing Wage	yes	___	no	<u>x</u>
Survey & Engineering	yes	___	no	<u>x</u>	Slurry / Micro Seal	yes	___	no	<u>x</u>	Sales Tax	yes	___	no	<u>x</u>
Sub-Grade Prep	yes	___	no	<u>x</u>	Rubberized Asphalt	yes	___	no	<u>x</u>	Permits & Testing	yes	___	no	<u>x</u>
Concrete haul off	yes	___	no	<u>x</u>	Barricades	yes	___	no	<u>x</u>	Nights/Weekends	yes	___	no	<u>x</u>
Haul off Asphalt	yes	x	no	___	Hot Rubber Asphalt Joint	yes	x	no	___	Plant opening fees	yes	___	no	<u>x</u>
Removals	___	___	___	___	Sealer	___	___	___	___		___	___	___	___

### PROVISIONS:

1. All work is to be measured upon completion and will be billed at the unit cost for the measured quantities with minimum invoice for the quantity of work stated in the description of work above.
2. Work will not be scheduled until an acceptable contract containing these unit prices, inclusions, exclusions and provisions have been signed by both parties.

Matt Tormey

**P1 Paving and Construction LLC**

DATE: 04/11/2023

PRICE GOOD THRU: 08/31/2023

ACCEPTED BY: \_\_\_\_\_

**Gonzalez Asphalt Inc.**

3001 W Lincoln, Phoenix, AZ 85009

Tel 623-594-2245 Fax 623-243-6429

Estimating@gonzalezasphalt.com (Robert)

tony.rose@gonzalezasphalt.com (Tony)



<b>Project Name:</b>	Dobson/Chandler Intersection Water
<b>Project Location:</b>	
	Chandler AZ

<b>Proposal #</b>	2023-250
<b>Date:</b>	4/5/2023

Line Item #	Description of work	UNIT	Quantity	Unit Price	Total Price
1	Aasphalt Patching (6.5" depth) 5.5 wide areas 3100 SY 4.5 Wide areas 1800 SY Laterals 200sy  includes crackfill for the above work	SY	5100	103.50	527,850.00
2	Crackfill	LF	1	1.00	1.00
3	Fog Seal	SY	32000	1.62	51,840.00
	Asphalt 2" A12.5 on 4.5" A19				
	DBE/SBE Certified			Total	579,691.00

Lic # 283318 A Gen Engineering

Proposal Valid for 30 Days

Engineer:

Per plans

Plan Date:

**Exclusions:**

Bonds, permits, taxes, testing, engineering, striping and signage, Prime coat, Seal coat, Traffic control, traffic plan, barricades, concrete work, Underground Work, underground removals & relocations, Site Clearing, Site Grading Site Haul Off of Spoils

To accept this proposal, sign and date

X: \_\_\_\_\_

# L & L Asphalt LLC

P.O. Box 73440  
Phoenix, AZ 85050

Voice: 623-434-1200

Fax: 623-434-1202

City of Phoenix Certified WBE/DBE/SBE



# PROPOSAL

Proposal Number: 4701B  
Proposal Date: Apr 18, 2023  
Page: 1

Asphalt ROC 215796

## To:

B & F Contracting Inc  
11011 N. 23rd Ave  
Phoenix, AZ 85029

Phone 623-582-1170

## Job Name and Location:

B & F Contracting Inc  
Chandler Dobson Water Improvement  
Chandler & Dobson Road  
Chandler, AZ

Customer Phone Number	PO Number	Sales Rep Name
623-582-1170		
Customer Fax Number	Customer Contact	Payment Terms
623-582-3761	Mike Cruse	Net 30 Days

L & L Asphalt will furnish all labor, equipment, and materials to complete the scope of work as listed below for the unit prices below;

Quantity	Unit	Description	Unit Price	Amount
7,150.00	SY	6-1/2" Thick Asphalt Mill/Sweep & Haul Off. Finegrade & Compact Existing Base Course For New Asphalt Pavement.	28.00	200,200.00
7,150.00	SY	Permanent Asphalt Pavement 6-1/2" Thick. (4" Thick 3/4 EVAC PG70-10 Base Course & 2-1/2" Thick 1/2 EVAC PG70-10 Surface Course)	64.00	457,600.00
18.00	EA	Jobsite Mobilization PRICE INCLUDES CRACKFILL FOR ASPHALT TRENCH JOINTS ONLY MATERIAL PRICE GOOD TILL 9/30/23 ADD \$3.00 PER TON GOOD TILL 12/31/23.	1,500.00	27,000.00

## INCLUSIONS:

1. Apply tack coat to edges only.
2. Mobilizations Listed On Quote. Any additional will be charged at Price listed.
3. Payment based on actual field measurements and thicknesses.

## EXCLUSIONS: (Items listed are excluded from price unless noted otherwise.)

- |  |  |
|--|--|
| 1. Bond, Taxes and Permits/ Sales Tax On Material. | 6. Asphalt Milling/Sawcut Of Any Kind.           |
| 2. Testing (On or Off-Site).                       | 7. Utility Adjustments                           |
| 3. Surveying/Layout/ Staking.                      | 8. Subgrade Preparation Of Any Kind.             |
| 4. Water supply and usage charge.                  | 9. Stamped or decorative asphalt.                |
| 5. Traffic Control/Barricades of any kind.         | 10. Premium(Overtime) & Weekend Work.            |
|  | 11. Prime Coat/Crack Fill/Seal Coat/Slurry Seal. |

## SPECIAL PROVISIONS:

1. This proposal is valid until April 30, 2023. If work is scheduled after that time we reserve the right to revise our prices based on the s increases.

Subtotal	684,800.00
Sales Tax	
<b>TOTAL PROPOSAL AMOUNT</b>	<b>684,800.00</b>

Rita Lawrence: Rita@llasp.com  
Doerfler: JohnDoerfler@yahoo.com

L & L Asphalt, LLC

4/18/23  
Date

Accepted By: B & F Contracting Inc

Date



## RFQ Group: SWPPP

### Subcontractor Information

Quote	Company Name	Location	Contact	Phone	Minority
1	Argus Construction Services	Glendale, AZ		6022375967	

### Item and Task Prices

Description	Quantity	UM	Quote 1	Quote 2	Quote 3	Quote 4
[2] - SWPP Inspections	25.00	UNIT	<b>\$160.00</b>	\$0.00	\$0.00	\$0.00
[2] - SWPPP Dust Control Inspection	25.00	EACH	<b>\$35.00</b>	\$0.00	\$0.00	\$0.00
[2] - Dust Sign	1.00	EACH	<b>\$325.00</b>	\$0.00	\$0.00	\$0.00
<b>Total Quoted Price:</b>			<b>\$5,200.00</b>	\$0.00	\$0.00	\$0.00
<b>Plug Total For Items and Tasks Not Quoted:</b>			<b>\$0.00</b>	\$0.00	\$0.00	\$0.00
<b>Adjustments:</b>			<b>\$0.00</b>	\$0.00	\$0.00	\$0.00
<b>Total Adjusted Price:</b>			<b>\$5,200.00</b>	\$0.00	\$0.00	\$0.00



[www.arguscs.com](http://www.arguscs.com)

ATTN: Estimating Department  
B&F Contracting

**SWPPP Proposal**

**Chandler Blvd-Dobson Rd Water & Sewer  
Replacement and Rehabilitation Project  
City Project No. WW2005.403  
Job #22-4020-01**

PROPOSAL NO.: 2023638  
DATE: 4/20/2023  
Proposal valid until: 5/20/2023

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT	
1) SWPPP Manual & Plans	1) Provide the SWPPP Manual/Program in accordance with NPDES/AZPDES CGP  2) Includes a SWPPP Manual, Narrative and Plans (1 hard copy and PDF)	1	LS	\$2,800.00	\$2,800.00	
2) SWPPP Inspections	1) Provide SWPPP site inspections/reports performed by certified personnel.  2) All SWPPP Inspection Reports managed through a secure web based software. Client access available 24/7 with project specific login.  3) Maintain and update all aspects of SWPPP Manual and SWPP Plan	1	per visit	\$160.00	TBD	
3) Project SWPPP Sign (per NOI AZCN #)	<b>Option 1</b> Provide SWPPP 36" X 36" aluminum sign (Sign Only)  <b>Option 2</b> Provide SWPPP 36" X 36" aluminum sign - with portable stand  <b>Option 3</b> Provide SWPPP 48" X 48" printed banner - with grommets  <b>Option 4</b> None	1  1  1	EA  EA  EA	\$325.00  \$600.00  \$275.00	\$325.00  \$600.00  \$275.00	<input checked="" type="checkbox"/>      
4) Dust Binder	1) Includes all Dust Logs/Documents required by the 310 Rule Permit	1	LS	\$150.00	\$150.00	
5) Dust Site Audit	1) Review required Dust Logs/Documentation for accuracy and completeness  2) Inspect site for any violations  3) Per visit price only valid if it coincides with SWPPP Inspection	1	per visit	\$35.00	TBD	
6) Project Initial Setup	1) Administrative setup/Project Coordination  2) Assist with ADEQ NOI permit preparation	1	LS	\$250.00	\$250.00	

\* All of the above quoted items will be completed in accordance with project specifications and 2022 NPDES/2020 AZPDES CGP

**CONDITIONS:**

- Access to Engineer's electronic files.  
(Drawings PDF format if needed)
- No Retention to be held**
- Additional Manuals \$100.00 EA
- Inspection frequency every 14 days and storm events**
- SWPPP Management or SWPPP Inspection item amount TBD upon project duration**



Amanda Earnshaw  
Project Coordinator/Estimator  
Argus Construction Services

**EXCLUSIONS:**

- Permits, Fines, Penalties, and any associated Fees
- Review Fees**
- Sales Tax and Bond
- Analytical Monitoring program/testing
- SWPPP BMP materials, installation/maintenance
- SPCC Plan
- SWPPP/Construction schedule and sequencing plan to be provided and updated by others.
- Certified Payroll

Acceptance Signature

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

**B & F Contracting, Inc**

Project: Chandler Blvd.  
Location Dobson Rd to Chippements Place  
City: Chandler Blvd. **90% Plans**  
Bid Date:  
Document Name: B & F W22268, Chandler WW2005.203

Bid Item	Description	Qua.	Unit Price	Extension	FULLER FORM		WINWATER		FORTILINE		FERGUSON		Total Cost	Eligible Tax Credit Materials									
38	<b><u>12" DIP Water</u></b>																						
	12" RJ DIP	6900 LF			\$	69.17	\$	477,266.10	\$	71.44	\$	492,936.00	\$	71.43	\$	492,867.00	\$	50.43	\$	347,967.00	\$	347,967.00	
	FIELD LOCK	345 EA					\$	-			\$	-			\$	-		\$	188.09	\$	64,891.05	\$	64,891.05
							\$	-			\$	-			\$	-		\$	-		\$	-	
38	<b><u>12" Fittings</u></b>																						
	ID Tape (1000-ft Roll)	7 Rolls			\$	37.83	\$	264.83	\$	33.17	\$	232.19	\$	48.26	\$	337.82	\$	68.50	\$	479.50	\$	479.50	
	Locaror Wire AWG #14 THWN (500-ft0	15 Rolls			\$	76.67	\$	1,150.01			\$	-	\$	89.01	\$	1,335.15	\$	160.97	\$	2,414.55	\$	2,414.55	
	Poly Tape	50 Rolls			\$	5.95	\$	297.50	\$	6.75	\$	337.50	\$	9.78	\$	489.00	\$	6.00	\$	300.00	\$	300.00	
							\$	-			\$	-			\$	-		\$	-		\$	-	
	Poly Wrap For 12" DIP	7000 LF			\$	1.67	\$	11,692.80	\$	0.83	\$	5,810.00	\$	0.77	\$	5,390.00	\$	0.67	\$	4,690.00	\$	4,690.00	
	Poly Tape	50 Roll			\$	5.95	\$	297.50	\$	6.75	\$	337.50	\$	9.78	\$	489.00	\$	6.00	\$	300.00	\$	300.00	
							\$	-			\$	-			\$	-		\$	-		\$	-	
	12" Flg Tee	8 EA			\$	1,149.44	\$	9,195.55	\$	1,180.96	\$	9,447.68	\$	1,087.36	\$	8,698.88	\$	1,091.34	\$	8,730.72	\$	8,730.72	
	12" MJ X Flg Tee	1 EA			\$	746.77	\$	746.77	\$	767.25	\$	767.25	\$	492.83	\$	492.83	\$	882.34	\$	882.34	\$	882.34	
	12" MJ Tee	1 EA			\$	525.53	\$	525.53	\$	539.93	\$	539.93	\$	497.14	\$	497.14	\$	498.96	\$	498.96	\$	498.96	
	12"x8" MJ Tee	2 EA			\$	410.07	\$	820.14	\$	421.32	\$	842.64	\$	387.92	\$	775.84	\$	396.55	\$	793.10	\$	793.10	
	12"x8" Flg Tee	2 EA			\$	956.09	\$	1,912.18	\$	982.28	\$	1,964.56	\$	904.43	\$	1,808.86	\$	1,129.64	\$	2,259.28	\$	2,259.28	
	12"x6" MJ X Flg Tee	1 EA			\$	469.22	\$	469.22	\$	482.09	\$	482.09	\$	443.87	\$	443.87	\$	445.50	\$	445.50	\$	445.50	
	12" Flg X MJ Adapt	4 EA			\$	328.17	\$	1,312.68	\$	337.17	\$	1,348.68	\$	310.44	\$	1,241.76	\$	317.35	\$	1,269.40	\$	1,269.40	
	12" MJ 22-1/2 Bend	3 EA			\$	273.57	\$	820.71	\$	281.08	\$	843.24	\$	258.79	\$	776.37	\$	259.74	\$	779.22	\$	779.22	
	12" MJ 45 Bend	17 EA			\$	312.81	\$	5,317.82	\$	321.39	\$	5,463.63	\$	295.92	\$	5,030.64	\$	297.00	\$	5,049.00	\$	5,049.00	
	12" MJ Solid Sleeve	6 EA			\$	288.36	\$	1,730.14	\$	296.27	\$	1,777.62	\$	272.78	\$	1,636.68	\$	273.78	\$	1,642.68	\$	1,642.68	
							\$	-			\$	-			\$	-		\$	-		\$	-	
	12" Megalug For DIP	74 EA			\$	108.37	\$	8,019.31	\$	151.72	\$	11,227.28	\$	102.52	\$	7,586.48	\$	105.96	\$	7,841.04	\$	7,841.04	
	12" MJ Acc Set Less Gland	74 EA			\$	35.26	\$	2,609.46			\$	-	\$	36.67	\$	2,713.58	\$	50.02	\$	3,701.48	\$	3,701.48	
	8" Megalug For DIP	2 EA			\$	50.18	\$	100.37	\$	79.38	\$	158.76	\$	47.47	\$	94.94	\$	49.07	\$	98.14	\$	98.14	
	8" MJ Acc Set Less Gland	2 EA			\$	25.59	\$	51.19			\$	-	\$	26.62	\$	53.24	\$	35.28	\$	70.56	\$	70.56	
	12" Flg Bolt Set	4 EA			\$	40.90	\$	163.60	\$	49.31	\$	197.24	\$	68.25	\$	273.00	\$	34.24	\$	136.96	\$	136.96	
	12" Flg Gasket	4 EA			\$	10.80	\$	43.20			\$	-		\$	-		\$	19.93	\$	79.72	\$	79.72	
							\$	-			\$	-			\$	-		\$	-		\$	-	
38	<b><u>12" PC-350 TJ DIP</u></b>																						
	12" PC-350 TJ DIP	1400 LF			\$	49.80	\$	69,715.80	\$	51.61	\$	72,254.00	\$	51.61	\$	72,254.00	\$	50.43	\$	70,602.00	\$	70,602.00	
							\$	-			\$	-			\$	-		\$	-		\$	-	
38	<b><u>12" Fittings</u></b>																						
	12" ID Tape	4 Roll			\$	37.83	\$	151.33	\$	33.17	\$	132.68	\$	48.26	\$	193.04	\$	68.80	\$	275.20	\$	275.20	
	Locator Wire AWG #14 THWN	4 Roll			\$	76.67	\$	306.67	\$	125.25	\$	501.00	\$	89.01	\$	356.04	\$	160.97	\$	643.88	\$	643.88	
	Poly Tape	20 Roll			\$	5.95	\$	119.00	\$	6.75	\$	135.00	\$	9.78	\$	195.60	\$	6.00	\$	120.00	\$	120.00	
							\$	-			\$	-			\$	-		\$	-		\$	-	
	Poly Wrap For 12" DIP	1500 LF			\$	1.67	\$	2,505.45	\$	0.83	\$	1,245.00	\$	0.77	\$	1,155.00	\$	0.67	\$	1,005.00	\$	1,005.00	
	Poly Tape	Roll			\$	5.95	\$	-	\$	6.75	\$	-	\$	9.78	\$	-	\$	6.00	\$	-	\$	-	
							\$	-			\$	-			\$	-		\$	-		\$	-	
39	<b><u>8" DIP RJ</u></b>																						
	8" PC-350 RJ DIP	380 LF			\$	44.47	\$	16,900.12	\$	46.95	\$	17,841.00	\$	45.92	\$	17,449.60	\$	32.91	\$	12,505.80	\$	12,505.80	
							\$	-			\$	-			\$	-		\$	129.52	\$	-	\$	-
39	<b><u>8" Fittings</u></b>																						
	ID Tape						\$	-			\$	-			\$	-		\$	-		\$	-	
	Locator Wire AWG #14 THWN	1 Roll			\$	76.67	\$	76.67	\$	125.25	\$	125.25	\$	89.01	\$	89.01	\$	160.97	\$	160.97	\$	160.97	
	Poly Tape	5 Roll			\$	5.95	\$	29.75	\$	6.75	\$	33.75	\$	9.78	\$	48.90	\$	6.00	\$	30.00	\$	30.00	
							\$	-			\$	-			\$	-		\$	-		\$	-	

	Poly Wrap For 8" DIP	500 LF		\$	-	\$	0.55	\$	275.00	\$	0.57	\$	285.00	\$	0.60	\$	300.00	\$	300.00
	Poly Tape	Roll		\$	5.95	\$	6.75	\$	-	\$	9.78	\$	-	\$	6.00	\$	-	\$	-
				\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	12"x8" MJ Tee	1 EA		\$	410.07	\$	410.07	\$	421.32	\$	421.32	\$	387.92	\$	387.92	\$	396.55	\$	396.55
	12"x8" Flg Tee	1 EA		\$	956.07	\$	956.07	\$	982.28	\$	982.28	\$	904.43	\$	904.43	\$	1,129.64	\$	1,129.64
	12"x8" MJ X Flg Tee	3 EA		\$	520.98	\$	1,562.93	\$	535.26	\$	1,605.78	\$	492.83	\$	1,478.49	\$	615.56	\$	1,846.68
	8"x6" MJ Tee	1 EA		\$	218.40	\$	218.40	\$	224.39	\$	224.39	\$	206.60	\$	206.60	\$	211.20	\$	211.20
	8"x6" MJ X Flg Tee	3 EA		\$	245.13	\$	735.39	\$	251.86	\$	755.58	\$	231.90	\$	695.70	\$	289.64	\$	868.92
	8"x6" MJ Reducer	1 EA		\$	104.08	\$	104.08	\$	106.94	\$	106.94	\$	98.46	\$	98.46	\$	122.98	\$	122.98
	8" Flg X MJ Adapt	1 EA		\$	147.88	\$	147.88	\$	151.93	\$	151.93	\$	139.89	\$	139.89	\$	174.72	\$	174.72
	8" Flg Bolt Set	1 EA		\$	15.70	\$	15.70	\$	25.02	\$	25.02	\$	29.64	\$	29.64	\$	16.94	\$	16.94
	8" Flg Gasket	1 EA		\$	5.34	\$	5.34	\$	-	\$	-	\$	-	\$	15.52	\$	15.52	\$	15.52
	12" Megalug For DIP	8 EA		\$	108.37	\$	866.95	\$	151.72	\$	1,213.76	\$	102.52	\$	820.16	\$	105.96	\$	847.68
	12" MJ Acc Set Less Gland	8 EA		\$	35.26	\$	282.10	\$	-	\$	-	\$	36.67	\$	293.36	\$	50.02	\$	400.16
	8" Megalug For DIP	10 EA		\$	50.18	\$	501.84	\$	79.38	\$	793.80	\$	47.47	\$	474.70	\$	49.07	\$	490.70
	8" MJ Acc Set Less Gland	11 EA		\$	25.59	\$	281.53	\$	43.75	\$	481.25	\$	26.62	\$	292.82	\$	35.28	\$	388.08
	8" X 2" MJ Tapped Plug	3 EA		\$	126.83	\$	380.49	\$	114.54	\$	343.62	\$	119.98	\$	359.94	\$	149.86	\$	449.58
	8" MJ Solid Sleeve	1 EA		\$	179.16	\$	179.16	\$	184.08	\$	184.08	\$	169.48	\$	169.48	\$	211.68	\$	211.68
				\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	<b>16" Tie-In</b>			\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
46	16" X 8" Flg Tee	4 EA		\$	1,593.07	\$	6,372.28	\$	1,535.50	\$	6,142.00	\$	1,507.02	\$	6,028.08	\$	1,882.28	\$	7,529.12
46	16" MJ Solid Sleeve	2 EA		\$	551.12	\$	1,102.24	\$	566.23	\$	1,132.46	\$	521.35	\$	1,042.70	\$	651.17	\$	1,302.34
46	16" Flg X MJ Adapt	1 EA		\$	594.91	\$	594.91	\$	611.22	\$	611.22	\$	562.78	\$	562.78	\$	702.92	\$	702.92
46	16" PC 200 TJ DIP	4 LF		\$	74.07	\$	296.26	\$	85.39	\$	341.56	\$	74.08	\$	296.32	\$	80.18	\$	320.72
				\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
45	16" Flg X MJ Valve	1 EA		\$	7,755.44	\$	7,755.44	\$	7,215.91	\$	7,215.91	\$	9,601.00	\$	9,601.00	\$	8,493.75	\$	8,493.75
45	16" Megalug For DIP	6 EA		\$	205.30	\$	1,231.77	\$	272.23	\$	1,633.38	\$	194.21	\$	1,165.26	\$	240.43	\$	1,442.58
45	16" MJ Acc Set Less Gland	6 EA		\$	55.74	\$	334.43	\$	-	\$	-	\$	57.97	\$	347.82	\$	112.11	\$	672.66
45	16" Flg Gasket	2 EA		\$	73.24	\$	146.48	\$	74.86	\$	149.72	\$	72.74	\$	145.48	\$	44.66	\$	89.32
45	16" Flg Bolt Set	2 EA		\$	15.42	\$	30.84	\$	-	\$	-	\$	-	\$	-	\$	91.57	\$	183.14
				\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
45	VB Top Section	1 EA		\$	72.50	\$	72.50	\$	72.50	\$	72.50	\$	75.40	\$	75.40	\$	53.66	\$	53.66
45	VB Lid	1 EA		\$	-	\$	-	\$	55.00	\$	55.00	\$	51.94	\$	51.94	\$	63.92	\$	63.92
45	VB Bottom Section	1 EA		\$	72.50	\$	72.50	\$	92.50	\$	92.50	\$	62.78	\$	62.78	\$	62.40	\$	62.40
45	Debris Cap	1 EA		\$	64.67	\$	64.67	\$	65.63	\$	65.63	\$	63.05	\$	63.05	\$	79.29	\$	79.29
				\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
				\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
39	<b>Temp Cap For Testing</b>			\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	8"x2" MJ Tapped Cap	1 EA		\$	111.48	\$	111.48	\$	114.54	\$	114.54	\$	105.45	\$	105.45	\$	105.84	\$	105.84
	2" Galv St Ell	2 EA		\$	15.80	\$	31.60	\$	15.02	\$	30.04	\$	22.12	\$	44.24	\$	32.31	\$	64.62
	2"x6" Galv Nipple	1 EA		\$	9.35	\$	9.35	\$	11.59	\$	11.59	\$	11.59	\$	11.59	\$	116.66	\$	116.66
	2" Threaded Brass Gate Valve	1 EA		\$	53.74	\$	53.74	\$	53.41	\$	53.41	\$	53.41	\$	53.41	\$	48.54	\$	48.54
	8" Megalug For DIP	1 EA		\$	50.18	\$	50.18	\$	79.38	\$	79.38	\$	47.47	\$	47.47	\$	49.07	\$	49.07
	8" MJ Acc Set Less Gland	1 EA		\$	29.59	\$	29.59	\$	-	\$	-	\$	26.62	\$	26.62	\$	35.28	\$	35.28
				\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
				\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
				\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
40	<b>6" PC-350 DIP</b>			\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	6" PC-350 RJ DIP	240 LF		\$	33.93	\$	8,142.24	\$	35.82	\$	8,596.80	\$	35.03	\$	8,407.20	\$	24.99	\$	5,997.60
	6" FIELD LOCK	12		\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	95.63	\$	1,147.56
				\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	<b>6" Fittings</b>			\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	ID Tape	1 Roll		\$	37.83	\$	37.83	\$	33.17	\$	33.17	\$	48.26	\$	48.26	\$	68.80	\$	68.80
	Locator Wire AWG #14 THWN	1 Roll		\$	76.67	\$	76.67	\$	125.25	\$	125.25	\$	89.01	\$	89.01	\$	160.97	\$	160.97
	Poly Tape	1 Roll		\$	5.95	\$	5.95	\$	6.75	\$	6.75	\$	9.78	\$	9.78	\$	6.00	\$	6.00
				\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	Poly Wrap For 6" DIP	231 LF		\$	0.44	\$	101.64	\$	0.55	\$	127.05	\$	0.57	\$	131.67	\$	0.60	\$	138.60
	Poly Tape	5 Roll		\$	5.95	\$	29.75	\$	6.75	\$	33.75	\$	9.78	\$	48.90	\$	6.00	\$	30.00
				\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	12"x6" MJ X Flg Tee	4 EA		\$	469.22	\$	1,876.88	\$	482.09	\$	1,928.36	\$	443.87	\$	1,775.48	\$	445.50	\$	1,782.00
	6" MJ 90 Bend	6 EA		\$	122.85	\$	737.10	\$	126.22	\$	757.32	\$	116.21	\$	697.26	\$	116.64	\$	699.84
	6"x2" MJ Cap	3 EA		\$	80.19	\$	240.58	\$	82.40	\$	247.20	\$	75.86	\$	227.58	\$	76.14	\$	228.42

	12" Megalug For DIP	9 EA		\$	108.37	\$	975.32	\$	151.72	\$	1,365.48	\$	102.52	\$	922.68	\$	105.96	\$	953.64	\$	953.64		
	12" MJ Acc Set Less Gland	9 EA		\$	35.26	\$	317.37	\$	-	\$	-	\$	36.67	\$	330.03	\$	50.02	\$	450.18	\$	450.18		
							\$	-			\$	-			\$	-			\$	-	\$	-	
	6" Megalug For DIP	5 EA		\$	33.40	\$	166.98	\$	58.25	\$	291.25	\$	31.59	\$	157.95	\$	32.65	\$	163.25	\$	163.25		
	6" MJ Acc Set Less Gland	5 EA		\$	22.75	\$	113.75	\$	-	\$	-	\$	23.66	\$	118.30	\$	32.45	\$	162.25	\$	162.25		
							\$	-			\$	-			\$	-			\$	-	\$	-	
							\$	-			\$	-			\$	-			\$	-	\$	-	
							\$	-			\$	-			\$	-			\$	-	\$	-	
41	<b>4" Pipe</b>						\$	-			\$	-			\$	-			\$	-	\$	-	
	4" PC-350 TJ DIP	60 LF		\$	37.41	\$	2,244.78	\$	38.25	\$	2,295.00	\$	37.41	\$	2,244.60	\$	36.56	\$	2,193.60	\$	2,193.60		
							\$	-			\$	-			\$	-			\$	-	\$	-	
							\$	-			\$	-			\$	-			\$	-	\$	-	
41	<b>4" Fittings</b>						\$	-			\$	-			\$	-			\$	-	\$	-	
	ID Tape			\$	37.83	\$	-	\$	33.17	\$	-	\$	33.17	\$	-	\$	68.80	\$	-	\$	-	\$	-
	Poly Tape			\$	5.95	\$	-	\$	6.75	\$	-	\$	9.78	\$	-	\$	6.00	\$	-	\$	-	\$	-
							\$	-			\$	-			\$	-			\$	-	\$	-	
	Poly Wrap For 4" DIP	EA		\$	0.44	\$	-	\$	0.55	\$	-	\$	0.57	\$	-	\$	0.60	\$	-	\$	-	\$	-
	Poly Tape	EA		\$	5.95	\$	-	\$	6.75	\$	-	\$	9.78	\$	-	\$	6.00	\$	-	\$	-	\$	-
							\$	-			\$	-			\$	-			\$	-	\$	-	
	12"x4" MJ X Flg Tee	2 EA		\$	444.76	\$	889.53	\$	452.25	\$	904.50	\$	420.74	\$	841.48	\$	422.28	\$	844.56	\$	844.56		
	12" Megalug For DIP	4 EA		\$	108.37	\$	433.48	\$	151.72	\$	606.88	\$	102.52	\$	410.08	\$	105.96	\$	423.84	\$	423.84		
	12" MJ Acc Set Less Gland	4 EA		\$	35.26	\$	141.05	\$	-	\$	-	\$	36.67	\$	146.68	\$	50.02	\$	200.08	\$	200.08		
	4" Megalug For DIP	8 EA		\$	28.40	\$	227.16	\$	47.17	\$	377.36	\$	26.86	\$	214.88	\$	27.76	\$	222.08	\$	222.08		
	4" MJ Acc Set Less Gland	8 EA		\$	19.91	\$	159.25	\$	-	\$	-	\$	20.70	\$	165.60	\$	25.92	\$	207.36	\$	207.36		
	4" MJ 90	4 EA		\$	76.08	\$	304.30	\$	77.14	\$	308.56	\$	71.02	\$	284.08	\$	71.28	\$	285.12	\$	285.12		
							\$	-			\$	-			\$	-			\$	-	\$	-	
41	<b>Temp Cap For Testing</b>						\$	-			\$	-			\$	-			\$	-	\$	-	
	4"x2" MJ Tapped Cap	2 EA		\$	58.58	\$	117.16	\$	60.20	\$	120.40	\$	55.42	\$	110.84	\$	55.62	\$	111.24	\$	111.24		
	2" Galv St Ell	4 EA		\$	15.80	\$	63.20	\$	15.02	\$	60.08	\$	22.12	\$	88.48	\$	32.31	\$	129.24				
	2"x6' Galv Nipple	2 EA		\$	62.02	\$	124.04	\$	62.02	\$	124.04	\$	62.02	\$	124.04	\$	116.66	\$	233.32				
	2" Threaded Brass Gate Valve	2 EA		\$	53.74	\$	107.48	\$	58.95	\$	117.90	\$	53.41	\$	106.82	\$	48.54	\$	97.08				
	4" Megalug For DIP	2 EA		\$	28.40	\$	56.79	\$	47.17	\$	94.34	\$	26.86	\$	53.72	\$	27.76	\$	55.52	\$	55.52		
	4" MJ Acc Set Less Gland	2 EA		\$	19.91	\$	39.81	\$	-	\$	-	\$	20.70	\$	41.40	\$	25.92	\$	51.84	\$	51.84		
							\$	-			\$	-			\$	-			\$	-	\$	-	
							\$	-			\$	-			\$	-			\$	-	\$	-	
							\$	-			\$	-			\$	-			\$	-	\$	-	
	<b>12" Swing Tie-in At ACP</b>						\$	-			\$	-			\$	-			\$	-	\$	-	
50	12" Dresser ACP X DIP	4 EA		\$	523.28	\$	2,093.11	\$	549.44	\$	2,197.76	\$	392.11	\$	1,568.44	\$	615.89	\$	2,463.56	\$	2,463.56		
							\$	-			\$	-			\$	-			\$	-	\$	-	
	12" MJ 45 Bend	6 EA		\$	312.81	\$	1,876.88	\$	321.39	\$	1,928.34	\$	295.92	\$	1,775.52	\$	297.00	\$	1,782.00	\$	1,782.00		
	12" MJ 90 Bend	2 EA		\$	378.22	\$	756.44	\$	384.58	\$	769.16	\$	357.79	\$	715.58	\$	359.10	\$	718.20	\$	718.20		
							\$	-			\$	-			\$	-			\$	-	\$	-	
	12" Megalug For DIP	16 EA		\$	108.37	\$	1,733.90	\$	151.72	\$	2,427.52	\$	102.52	\$	1,640.32	\$	105.96	\$	1,695.36	\$	1,695.36		
	12" MJ Acc Set Less Gland	8 EA		\$	35.26	\$	282.10	\$	-	\$	-	\$	36.67	\$	293.36	\$	50.02	\$	400.16	\$	400.16		
							\$	-			\$	-			\$	-			\$	-	\$	-	
50	<b>Temp Cap For Testing</b>						\$	-			\$	-			\$	-			\$	-	\$	-	
	12"x2" MJ Tapped Cap	3 EA		\$	183.14	\$	549.41	\$	188.16	\$	564.48	\$	173.25	\$	519.75	\$	173.88	\$	521.64	\$	521.64		
	2" Galv St Ell	6 EA		\$	15.80	\$	94.80	\$	15.02	\$	90.12	\$	22.12	\$	132.72	\$	32.31	\$	193.86				
	2"x6' Galv Nipple	3 EA		\$	62.02	\$	186.06	\$	62.02	\$	186.06	\$	62.02	\$	186.06	\$	116.66	\$	349.98				
	2" Threaded Brass Gate Valve	3 EA		\$	53.74	\$	161.23	\$	58.95	\$	176.85	\$	53.41	\$	160.23	\$	48.54	\$	145.62				
	12" Megalug For DIP	3 EA		\$	108.37	\$	325.11	\$	151.72	\$	455.16	\$	102.52	\$	307.56	\$	105.96	\$	317.88	\$	317.88		
	12" MJ Acc Set Less Gland	3 EA		\$	35.26	\$	105.79	\$	-	\$	-	\$	36.67	\$	110.01	\$	50.02	\$	150.06	\$	150.06		
							\$	-			\$	-			\$	-			\$	-	\$	-	
							\$	-			\$	-			\$	-			\$	-	\$	-	
							\$	-			\$	-			\$	-			\$	-	\$	-	
52&53	<b>8" Swing Tie-in At ACP</b>						\$	-			\$	-			\$	-			\$	-	\$	-	
	8" Dresser ACP X DIP	4 EA		\$	335.13	\$	1,340.50	\$	351.89	\$	1,407.56	\$	224.81	\$	899.24	\$	418.77	\$	1,675.08	\$	1,675.08		
	8" Dresser PVC X DIP	1 EA		\$	335.13	\$	335.13	\$	351.89	\$	351.89	\$	224.81	\$	224.81	\$	418.77	\$	418.77	\$	418.77		
							\$	-			\$	-			\$	-			\$	-	\$	-	
	8" MJ 45 Bend	8 EA		\$	145.03	\$	1,160.25	\$	149.02	\$	1,192.16	\$	137.20	\$	1,097.60	\$	137.70	\$	1,101.60	\$	1,101.60		
	8" MJ 90 Bend	2 EA		\$	177.45	\$	354.90	\$	182.32	\$	364.64	\$	167.86	\$	335.72	\$	168.48	\$	336.96	\$	336.96		
							\$	-			\$	-			\$	-			\$	-	\$	-	
	8" Megalug For DIP	20 EA		\$	50.18	\$	1,003.68	\$	79.38	\$	1,587.60	\$	47.47	\$	949.40	\$	49.07	\$	981.40	\$	981.40		

	8" MJ Acc Set Less Gland	20 EA		\$	25.59	\$	511.88		\$	-	\$	26.62	\$	532.40		\$	35.28	\$	705.60	\$	705.60
							-			-				-					-		-
	<b>Temp Cap For Testing</b>						-			-				-					-		-
	8"x2" MJ Tapped Cap	6 EA		\$	111.48	\$	668.85	\$	114.54	\$	687.24	\$	105.45	\$	632.70	\$	105.84	\$	635.04	\$	635.04
	2" Galv St Ell	12 EA		\$	15.80	\$	189.60	\$	62.02	\$	744.24	\$	22.12	\$	265.44	\$	32.31	\$	387.72		
	2"x6" Galv Nipple	6 EA		\$	62.02	\$	372.12	\$	62.02	\$	372.12	\$	62.02	\$	372.12	\$	116.66	\$	699.96		
	2" Threaded Brass Gate Valve	6 EA		\$	53.74	\$	322.45	\$	58.95	\$	353.70	\$	53.41	\$	320.46	\$	48.54	\$	291.24		
	8" Megalug For DIP	6 EA		\$	50.18	\$	301.10	\$	79.38	\$	476.28	\$	47.47	\$	284.82	\$	49.07	\$	294.42	\$	294.42
	8" MJ Acc Set Less Gland	6 EA		\$	25.59	\$	153.56			\$	-	\$	26.62	\$	159.72	\$	35.28	\$	211.68	\$	211.68
							-			\$	-			\$	-				-		
							-			\$	-			\$	-				-		
							-			\$	-			\$	-				-		
54&55	<b>6" Swing Tie-in At ACP</b>						-			\$	-			\$	-				-		
	6" Dresser ACP X DIP	4 EA		\$	263.06	\$	1,052.23	\$	276.22	\$	1,104.88	\$	226.00	\$	904.00	\$	260.48	\$	1,041.92	\$	1,041.92
	6" Dresser PVC X DIP	1 EA		\$	263.06	\$	263.06	\$	276.22	\$	276.22	\$	226.00	\$	226.00	\$	260.48	\$	260.48	\$	260.48
	6" MJ 45 Bend	6 EA		\$	99.53	\$	597.19	\$	102.27	\$	613.62	\$	94.15	\$	564.90	\$	94.50	\$	567.00	\$	567.00
	6" MJ 90 Bend	5 EA		\$	122.85	\$	614.25	\$	126.22	\$	631.10	\$	116.21	\$	581.05	\$	116.64	\$	583.20	\$	583.20
							-			\$	-			\$	-				-		-
	6" Megalug For DIP	22 EA		\$	33.40	\$	734.69	\$	58.25	\$	1,281.50	\$	31.59	\$	694.98	\$	32.65	\$	718.30	\$	718.30
	6" MJ Acc Set Less Gland	22 EA		\$	22.75	\$	500.50			\$	-	\$	23.66	\$	520.52	\$	32.45	\$	713.90	\$	713.90
							-			\$	-			\$	-				-		-
40	<b>Temp Cap For Testing</b>						-			\$	-			\$	-				-		-
	6"x2" MJ Tapped Cap	4 EA		\$	80.19	\$	320.78	\$	82.40	\$	329.60	\$	75.86	\$	303.44	\$	76.14	\$	304.56	\$	304.56
	2" Galv St Ell	11 EA		\$	15.80	\$	173.80	\$	15.02	\$	165.22	\$	22.12	\$	243.32	\$	32.31	\$	355.41		
	2"x6" Galv Nipple	4 EA		\$	62.02	\$	248.08	\$	62.02	\$	248.08	\$	62.02	\$	248.08	\$	116.66	\$	466.64		
	2" Threaded Brass Gate Valve	4 EA		\$	53.74	\$	214.97	\$	58.95	\$	235.80	\$	53.41	\$	213.64	\$	48.54	\$	194.16		
	6" Megalug For DIP	4 EA		\$	33.40	\$	133.58	\$	58.25	\$	233.00	\$	31.59	\$	126.36	\$	32.65	\$	130.60	\$	130.60
	6" MJ Acc Set Less Gland	4 EA		\$	22.75	\$	91.00			\$	-	\$	23.66	\$	94.64	\$	32.45	\$	129.80	\$	129.80
							-			\$	-			\$	-				-		
							-			\$	-			\$	-				-		
							-			\$	-			\$	-				-		
56	<b>4" Swing Tie-in At ACP</b>						-			\$	-			\$	-				-		
	4" Dresser ACP X DIP	1 EA		\$	193.33	\$	193.33	\$	203.00	\$	203.00	\$	160.27	\$	160.27	\$	191.84	\$	191.84	\$	191.84
							-			\$	-			\$	-				-		-
	6"x4" MJ Reducer	1 EA		\$	71.66	\$	71.66	\$	73.63	\$	73.63	\$	67.79	\$	67.79	\$	84.68	\$	84.68	\$	84.68
							-			\$	-			\$	-				-		-
	6" Megalug For DIP	1 EA		\$	33.40	\$	33.40	\$	58.25	\$	58.25	\$	31.59	\$	31.59	\$	32.65	\$	32.65	\$	32.65
	6" MJ Acc Set Less Gland	1 EA		\$	22.75	\$	22.75			\$	-	\$	23.66	\$	23.66	\$	32.45	\$	32.45	\$	32.45
	4" Megalug For DIP	1 EA		\$	28.40	\$	28.40	\$	47.17	\$	47.17	\$	26.86	\$	26.86	\$	27.76	\$	27.76	\$	27.76
	4" MJ Acc Set Less Gland	1 EA		\$	19.91	\$	19.91			\$	-	\$	20.70	\$	20.70	\$	25.92	\$	25.92	\$	25.92
							-			\$	-			\$	-				-		-
	<b>Temp Cap For Testing</b>						-			\$	-			\$	-				-		-
	4"x2" MJ Tapped Cap	1 EA		\$	58.58	\$	58.58	\$	60.20	\$	60.20	\$	55.42	\$	55.42	\$	55.62	\$	55.62	\$	55.62
	2" Galv St Ell	2 EA		\$	15.80	\$	31.60	\$	15.02	\$	30.04	\$	22.12	\$	44.24	\$	32.31	\$	64.62		
	2"x6" Galv Nipple	1 EA		\$	62.02	\$	62.02	\$	62.02	\$	62.02	\$	62.02	\$	62.02	\$	116.66	\$	116.66		
	2" Threaded Brass Gate Valve	1 EA		\$	53.74	\$	53.74	\$	58.95	\$	58.95	\$	53.41	\$	53.41	\$	48.54	\$	48.54		
	4" Megalug For DIP	1 EA		\$	28.40	\$	28.40	\$	47.17	\$	47.17	\$	26.86	\$	26.86	\$	27.76	\$	27.76	\$	27.76
	4" MJ Acc Set Less Gland	1 EA		\$	19.91	\$	19.91			\$	-	\$	20.70	\$	20.70	\$	25.92	\$	25.92	\$	25.92
							-			\$	-			\$	-				-		
							-			\$	-			\$	-				-		
	<b>Half Vert. Realignment UP or Down</b>						-			\$	-			\$	-				-		
							-			\$	-			\$	-				-		
							-			\$	-			\$	-				-		
38	<b>12" Vert Realignment</b>	8 EA					-			\$	-			\$	-				-		
	12" MJ 22-1/2 Bend	2 EA		\$	273.57	\$	547.14	\$	281.08	\$	562.16	\$	258.79	\$	517.58	\$	259.74	\$	519.48	\$	519.48
	12" MJ 45 Bend	14 EA		\$	312.81	\$	4,379.38	\$	32.39	\$	453.46	\$	295.92	\$	4,142.88	\$	297.00	\$	4,158.00	\$	4,158.00
	12" Megalug For DIP	32 EA		\$	108.36	\$	3,467.52	\$	151.72	\$	4,855.04	\$	102.52	\$	3,280.64	\$	105.96	\$	3,390.72	\$	3,390.72
	12" MJ Acc Set Less Gland	32 EA		\$	35.26	\$	1,128.42			\$	-	\$	36.67	\$	1,173.44	\$	50.02	\$	1,600.64	\$	1,600.64
							-			\$	-			\$	-				-		-
39	<b>8" Vert Realignment</b>	5 EA					-			\$	-			\$	-				-		-
	8" MJ 45 Bend	10 EA		\$	145.03	\$	1,450.31	\$	149.02	\$	1,490.20	\$	137.20	\$	1,372.00	\$	137.70	\$	1,377.00	\$	1,377.00
	8" Megalug For DIP	20 EA		\$	50.18	\$	1,003.68	\$	79.38	\$	1,587.60	\$	47.47	\$	949.40	\$	49.07	\$	981.40	\$	981.40
	8" MJ Acc Set Less Gland	16 EA		\$	25.59	\$	409.50			\$	-	\$	26.62	\$	425.92	\$	35.28	\$	564.48	\$	564.48



40	<b>6" Vert Realignment</b>	1 EA			\$	-	\$	-	\$	-	\$	-	\$	-	\$	-						
		6" MJ 45 Bend	4 EA		\$	99.53	\$	398.12	\$	102.27	\$	409.08	\$	94.15	\$	376.60	\$	94.50	\$	378.00	\$	378.00
		6" Megalug For DIP	8 EA		\$	33.40	\$	267.16	\$	58.25	\$	466.00	\$	31.59	\$	252.72	\$	32.65	\$	261.20	\$	261.20
		6" MJ Acc Set Less Gland	4 EA		\$	22.75	\$	91.00	\$	-	\$	-	\$	23.66	\$	94.64	\$	32.45	\$	129.80	\$	129.80
<b>Full Vert. Realignment UP and Down</b>		5 EA																				
38	<b>12" Vert Realignment</b>																					
		12" MJ 45 Bend	18 EA		\$	312.81	\$	5,630.63	\$	321.39	\$	5,785.02	\$	295.92	\$	5,326.56	\$	297.00	\$	5,346.00	\$	5,346.00
		12" Megalug For DIP	36 EA		\$	108.37	\$	3,901.28	\$	151.72	\$	5,461.92	\$	102.52	\$	3,690.72	\$	105.96	\$	3,814.56	\$	3,814.56
		12" MJ Acc Set Less Gland	36 EA		\$	35.26	\$	1,269.47	\$	-	\$	-	\$	36.67	\$	1,320.12	\$	50.02	\$	1,800.72	\$	1,800.72
39	<b>8" Vert Realignment</b>																					
		8" MJ 45 Bend	16 EA		\$	145.03	\$	2,320.50	\$	149.02	\$	2,384.32	\$	137.20	\$	2,195.20	\$	137.70	\$	2,203.20	\$	2,203.20
		8" Megalug For DIP	32 EA		\$	50.18	\$	1,605.89	\$	79.38	\$	2,540.16	\$	47.47	\$	1,519.04	\$	49.07	\$	1,570.24	\$	1,570.24
		8" MJ Acc Set Less Gland	32 EA		\$	25.59	\$	819.01	\$	-	\$	-	\$	26.62	\$	851.84	\$	35.28	\$	1,128.96	\$	1,128.96
40	<b>6" Vert Realignment</b>																					
		6" MJ 45 Bend	16 EA		\$	99.53	\$	1,592.50	\$	102.27	\$	1,636.32	\$	94.15	\$	1,506.40	\$	94.50	\$	1,512.00	\$	1,512.00
		6" Megalug For DIP	32 EA		\$	33.40	\$	1,068.64	\$	58.25	\$	1,864.00	\$	31.59	\$	1,010.88	\$	32.65	\$	1,044.80	\$	1,044.80
		6" MJ Acc Set Less Gland	32 EA		\$	22.75	\$	728.00	\$	-	\$	-	\$	23.66	\$	757.12	\$	32.45	\$	1,038.40	\$	1,038.40
37	<b>12" Valve</b>																					
		12" Flg X MJ Valve	30 EA		\$	2,460.23	\$	73,807.02	\$	2,650.87	\$	79,526.10	\$	2,732.91	\$	81,987.30	\$	2,775.74	\$	83,272.20	\$	83,272.20
		12" MJ Valve	11 EA		\$	2,577.41	\$	28,351.49	\$	2,778.19	\$	30,560.09	\$	2,864.29	\$	31,507.19	\$	2,909.04	\$	31,999.44	\$	31,999.44
		12" Flg Bolt Set	30 EA		\$	40.90	\$	1,227.00	\$	49.31	\$	1,479.30	\$	68.25	\$	2,047.50	\$	34.24	\$	1,027.20	\$	1,027.20
		12" Flg Gasket	30 EA		\$	10.80	\$	324.00	\$	-	\$	-	\$	-	\$	-	\$	19.93	\$	597.90	\$	597.90
		12" Mega Lug For DIP	52 EA		\$	108.37	\$	5,635.19	\$	151.72	\$	7,889.44	\$	102.52	\$	5,331.04	\$	105.93	\$	5,508.36	\$	5,508.36
		12" MJ Acc Set Lass Gland	52 EA		\$	35.26	\$	1,833.68	\$	-	\$	-	\$	36.67	\$	1,906.84	\$	50.02	\$	2,601.04	\$	2,601.04
		VB Top Section	41 EA		\$	72.50	\$	2,972.50	\$	72.50	\$	2,972.50	\$	75.40	\$	3,091.40	\$	53.66	\$	2,200.06	\$	2,200.06
		VB Lid	41 EA		\$	41.88	\$	1,716.88	\$	55.00	\$	2,255.00	\$	51.94	\$	2,129.54	\$	63.92	\$	2,620.72	\$	2,620.72
		VB Bottom Section	41 EA		\$	72.50	\$	2,972.50	\$	92.00	\$	3,772.00	\$	62.78	\$	2,573.98	\$	62.40	\$	2,558.40	\$	2,558.40
		Debris Cap	41 EA		\$	64.67	\$	2,651.35	\$	65.63	\$	2,690.83	\$	63.05	\$	2,585.05	\$	79.29	\$	3,250.89	\$	3,250.89
		VB Stem Extention 8'	2 EA		\$	440.70	\$	881.40	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
		Small Dirt Ring	2 EA		\$	79.62	\$	159.25	\$	100.50	\$	201.00	\$	100.50	\$	201.00	\$	308.57	\$	617.14	\$	617.14
		VB Extention 8'	2 EA		\$	92.50	\$	185.00	\$	356.29	\$	712.58	\$	356.29	\$	712.58	\$	74.25	\$	148.50	\$	148.50
42 & 43	<b>12" Permaseal Insurtion Valve</b>																					
		12" Insertion Valve	6 EA																			
		VB Top Section	6 EA		\$	72.50	\$	435.00	\$	72.50	\$	435.00	\$	75.40	\$	452.40	\$	53.66	\$	321.96	\$	321.96
		VB Lid	6 EA		\$	41.88	\$	251.25	\$	92.50	\$	555.00	\$	51.94	\$	311.64	\$	63.92	\$	383.52	\$	383.52
		VB Bottom Section	6 EA		\$	72.50	\$	435.00	\$	55.00	\$	330.00	\$	62.78	\$	376.68	\$	62.40	\$	374.40	\$	374.40
		Debris Cap	6 EA		\$	64.67	\$	388.00	\$	65.00	\$	390.00	\$	63.05	\$	378.30	\$	72.29	\$	433.74	\$	433.74
		12" MJ Cap	1 EA		\$	152.99	\$	152.99	\$	157.20	\$	157.20	\$	144.73	\$	144.73	\$	180.77	\$	180.77	\$	180.77
		12" Megalug For DIP	1 EA		\$	108.37	\$	108.37	\$	151.72	\$	151.72	\$	102.52	\$	102.52	\$	105.96	\$	105.96	\$	105.96
		12" MJ Acc Set Less Gland	1 EA		\$	35.26	\$	35.26	\$	-	\$	-	\$	36.67	\$	36.67	\$	50.02	\$	50.02	\$	50.02



40	6" Flg X MJ Adapt	6 EA		\$	98.39	\$	590.36	\$	101.10	\$	606.60	\$	93.08	\$	558.48	\$	93.42	\$	560.52	\$	560.52
40	6" X 24" Grade Lock	1 EA		\$	654.65	\$	654.65	\$	404.56	\$	404.56	\$	486.24	\$	486.24	\$	867.28	\$	867.28	\$	867.28
40	6" MJ 90 Bend	3 EA		\$	122.85	\$	368.55	\$	126.22	\$	378.66	\$	116.21	\$	348.63	\$	116.64	\$	349.92	\$	349.92
40	6" MJ X Flg 90 Bend	1 EA		\$	150.72	\$	150.72	\$	154.61	\$	154.61	\$	142.58	\$	142.58	\$	178.08	\$	178.08	\$	178.08
40	12" Megalug For DIP	12 EA		\$	108.37	\$	1,300.43	\$	151.72	\$	1,820.64	\$	102.52	\$	1,230.24	\$	105.96	\$	1,271.52	\$	1,271.52
40	12" MJ Acc Set Less Gland	12 EA		\$	35.26	\$	423.16			\$	-	\$	36.67	\$	440.04	\$	50.02	\$	600.24	\$	600.24
40	8" Megalug For DIP	5 EA		\$	50.18	\$	250.92	\$	79.38	\$	396.90	\$	47.47	\$	237.35	\$	49.07	\$	245.35	\$	245.35
40	8" MJ Acc Set Less Gland	5 EA		\$	25.59	\$	127.97			\$	-	\$	26.62	\$	133.10	\$	35.28	\$	176.40	\$	176.40
40	6" Megalug For DIP	50 EA		\$	33.40	\$	1,669.75	\$	58.25	\$	2,912.50	\$	31.59	\$	1,579.50	\$	32.65	\$	1,632.50	\$	1,632.50
40	6" MJ Acc Set Less Gland	50 EA		\$	22.75	\$	1,137.50			\$	-	\$	23.66	\$	1,183.00	\$	32.45	\$	1,622.50	\$	1,622.50
40					\$	-				\$	-		\$	-				\$	-		-
40	6" Flg X MJ Valve	11 EA		\$	821.05	\$	9,031.59	\$	884.04	\$	9,724.44	\$	911.53	\$	10,026.83	\$	925.66	\$	10,182.26	\$	10,182.26
40	6" MJ Valve	2 EA		\$	821.05	\$	1,642.10	\$	884.04	\$	1,768.08	\$	911.53	\$	1,823.06	\$	925.66	\$	1,851.32	\$	1,851.32
40	VB Top Section	13 EA		\$	72.50	\$	942.50	\$	72.50	\$	942.50	\$	75.40	\$	980.20	\$	53.66	\$	697.58	\$	697.58
40	VB Lid	13 EA		\$	41.86	\$	544.15	\$	92.50	\$	1,202.50	\$	51.94	\$	675.22	\$	63.92	\$	830.96	\$	830.96
40	VB Bottom Section	13 EA		\$	72.50	\$	942.50	\$	55.00	\$	715.00	\$	63.05	\$	819.65	\$	62.40	\$	811.20	\$	811.20
40	Debris Cap	13 EA		\$	64.67	\$	840.67	\$	65.63	\$	853.19	\$	63.05	\$	819.65	\$	79.29	\$	1,030.77	\$	1,030.77
40					\$	-				\$	-		\$	-				\$	-		-
40	6" Flg Bolt Set	12 EA		\$	15.70	\$	188.40	\$	19.80	\$	237.60	\$	25.48	\$	305.76	\$	16.94	\$	203.28	\$	203.28
40	6" Flg Gasket	12 EA		\$	4.00	\$	48.00			\$	-		\$	-		\$	11.34	\$	136.08	\$	136.08
40					\$	-				\$	-		\$	-				\$	-		-
40	6" TJ DIP	220 LF		\$	24.77	\$	5,449.18	\$	26.15	\$	5,753.00	\$	25.58	\$	5,627.60	\$	24.99	\$	5,497.80	\$	5,497.80
40	6" TJ Joint Restraint	11 EA		\$	81.26	\$	893.85	\$	81.26	\$	893.86			\$	-	\$	95.63	\$	1,051.93	\$	1,051.93
					\$	-				\$	-		\$	-				\$	-		-
57	FH 4'6" Bury	13 EA		\$	2,596.84	\$	33,758.95	\$	2,767.83	\$	35,981.79	\$	2,844.52	\$	36,978.76	\$	2,965.38	\$	38,549.94	\$	38,549.94
57	"Out Of Service" Sign	13 EA		\$	10.00	\$	130.00	\$	46.56	\$	605.28	\$	11.92	\$	154.96	\$	8.76	\$	113.88		
					\$	-				\$	-		\$	-				\$	-		-
61	<b><u>2" Service</u></b>				\$	-				\$	-		\$	-				\$	-		-
					\$	-				\$	-		\$	-				\$	-		-
	12"x2" Saddle	3 EA		\$	304.02	\$	912.05	\$	273.41	\$	820.23	\$	347.24	\$	1,041.72	\$	306.25	\$	918.75	\$	918.75
	2" Corp	3 EA		\$	335.19	\$	1,005.58	\$	371.34	\$	1,114.02	\$	375.61	\$	1,126.83	\$	320.38	\$	961.14		
	2" cs male adapter	7 EA		\$	14.66	\$	102.63	\$	26.53	\$	185.71	\$	38.88	\$	272.16	\$	31.89	\$	223.23		
	2 cs 90	7 EA						\$	24.15	\$	169.05	\$	22.26	\$	155.82	\$	25.41	\$	177.87		
	2 cs 45	3 EA						\$	22.32			\$	32.68	\$	98.04	\$	21.35	\$	64.05		
	2" Meter Stop	3 EA		\$	400.20	\$	1,200.61	\$	436.09	\$	1,308.27	\$	495.23	\$	1,485.69	\$	324.05	\$	972.15		
	Meter Box	3 EA		\$	85.66	\$	256.99	\$	89.32	\$	267.96	\$	101.92	\$	305.76	\$	108.49	\$	325.47		
	Meter Box Lid	3 EA		\$	162.18	\$	486.53	\$	156.25	\$	468.75	\$	133.13	\$	399.39	\$	202.97	\$	608.91		
					\$	-				\$	-		\$	-				\$	-		-
	2" K-Hard Copper	80 LF		\$	21.08	\$	1,686.00	\$	20.39	\$	1,631.20	\$	20.54	\$	1,643.20	\$	19.18	\$	1,534.40		
	2" Copper Sweat 45 Bends	4 EA		\$	12.32	\$	49.29	\$	22.32	\$	89.28	\$	32.68	\$	130.72	\$	21.35	\$	85.40		
	2" Copper Sweat 90 Bends	7 EA		\$	13.28	\$	92.94	\$	24.15	\$	169.05	\$	22.26	\$	155.82	\$	23.01	\$	161.07		
					\$	-				\$	-		\$	-				\$	-		-
61	<b><u>Privat Side Tie-In</u></b>				\$	-				\$	-		\$	-				\$	-		-
	2" Meter Flg	3 EA		\$	85.02	\$	255.05	\$	45.66	\$	136.98	\$	94.70	\$	284.10	\$	48.06	\$	144.18		
	2" NB & G Set	4 EA		\$	6.60	\$	26.40			\$	-	\$	67.73	\$	270.92	\$	2.83	\$	11.34		
	2" Copper X MIP Adapt	4 EA		\$	14.66	\$	58.65	\$	26.53	\$	106.12	\$	38.88	\$	155.52	\$	25.41	\$	101.64		
	2" Copper Sweat 90 Bends	5 EA		\$	13.28	\$	66.39	\$	24.15	\$	120.75	\$	22.26	\$	111.30	\$	23.01	\$	115.05		
	2" K-Hard Copper	60 LF		\$	21.08	\$	1,264.50	\$	20.39	\$	1,223.40	\$	20.54	\$	1,232.40	\$	19.18	\$	1,150.80		
					\$	-				\$	-		\$	-				\$	-		-
61	<b><u>2" Water service Tie-in No Meter Box</u></b>				\$	-				\$	-		\$	-				\$	-		-
	12"x2" Service Saddle	2 EA		\$	304.02	\$	608.04	\$	273.41	\$	546.82	\$	347.24	\$	694.48	\$	306.25	\$	612.50	\$	612.50
	2" K-Hard Copper	100 LF		\$	21.08	\$	2,107.50	\$	20.39	\$	2,039.00	\$	20.54	\$	2,054.00	\$	19.18	\$	1,918.00		
	2" Copper Sweat 45 Bends	8 EA		\$	12.32	\$	98.58	\$	22.32	\$	178.56	\$	32.68	\$	261.44	\$	21.35	\$	170.80		
	2" Copper Sweat 90 Bends	4 EA		\$	13.28	\$	53.11	\$	24.15	\$	96.60	\$	22.26	\$	89.04	\$	23.01	\$	92.04		
	2" Copper Sweat Coupling	4 EA		\$	6.68	\$	26.71	\$	12.12	\$	48.48	\$	17.71	\$	70.84	\$	11.57	\$	46.28		
					\$	-				\$	-		\$	-				\$	-		-
					\$	-				\$	-		\$	-				\$	-		-
60	<b><u>1-1/2" Service</u></b>				\$	-				\$	-		\$	-				\$	-		-
					\$	-				\$	-		\$	-				\$	-		-
	12"x1-1/2" Saddle	12 EA		\$	298.63	\$	3,583.60	\$	264.60	\$	3,175.20	\$	341.04	\$	4,092.48	\$	300.83	\$	3,609.96	\$	3,609.96
	1-1/2" Corp	12 EA		\$	207.26	\$	2,487.06	\$	182.90	\$	2,194.80	\$	227.13	\$	2,725.56	\$	187.85	\$	2,254.20		



	1-1/2" cs mip adaptor	24 ea		\$	8.66	\$	207.89	\$	15.97	\$	383.28	\$	15.97	\$	383.28	\$	15.02	\$	360.48		
	1-1/2" Meter Stop	12 EA		\$	339.14	\$	4,069.72	\$	387.57	\$	4,650.84	\$	388.54	\$	4,662.48	\$	324.13	\$	3,889.56		
	Meter Box	12 EA		\$	85.66	\$	1,027.96	\$	89.32	\$	1,071.84	\$	101.92	\$	1,223.04	\$	108.49	\$	1,301.88		
	Meter Box Lid	12 EA		\$	162.18	\$	1,946.10	\$	156.25	\$	1,875.00	\$	133.13	\$	1,597.56	\$	202.97	\$	2,435.64		
				\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-		
	1-1/2" K-Hard Copper	380 LF		\$	14.02	\$	5,327.98	\$	13.45	\$	5,111.00	\$	11.85	\$	4,503.00	\$	13.62	\$	5,175.60		
	1-1/2" Copper Sweat 45 Bends	18 EA		\$	7.39	\$	132.93	\$	13.33	\$	239.94	\$	19.57	\$	352.26	\$	12.79	\$	230.22		
	1-1/2" Copper Sweat 90 Bends	22 EA		\$	7.29	\$	160.42	\$	13.61	\$	299.42	\$	12.72	\$	279.84	\$	12.64	\$	278.08		
	1-1/2" Copper Sweat Coupling	18 EA		\$	4.00	\$	72.00	\$	7.81	\$	140.58	\$	10.62	\$	191.16	\$	6.94	\$	124.92		
				\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-		
60	<b><u>Private Side Tie-In</u></b>			\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-		
	1-1/2" Meter Flg	12 EA		\$	65.11	\$	781.30	\$	43.89	\$	526.68	\$	73.55	\$	882.60	\$	44.39	\$	532.68		
	1-1/2" NB & G Set	12 EA		\$	6.60	\$	79.20	\$	-	\$	-	\$	39.89	\$	478.68	\$	1.69	\$	20.24		
	1-1/2" Copper X MIP Adapt	12 EA		\$	8.66	\$	103.94	\$	15.97	\$	191.64	\$	22.98	\$	275.76	\$	15.02	\$	180.24		
	1-1/2" Copper Sweat 90 Bends	22 EA		\$	7.29	\$	160.42	\$	13.61	\$	299.42	\$	12.72	\$	279.84	\$	12.64	\$	278.08		
	1-1/2" K-Hard Copper	140 LF		\$	14.02	\$	1,962.94	\$	7.81	\$	1,093.40	\$	11.85	\$	1,659.00	\$	13.62	\$	1,906.80		
				\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-		
				\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-		
60	<b><u>1-1/2" Service tie-in Existing Meter</u></b>			\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-		
				\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-		
	12"x1-1/2" Saddle	1 EA		\$	298.63	\$	298.63	\$	264.60	\$	264.60	\$	341.04	\$	341.04	\$	300.83	\$	300.83	\$	300.83
	1-1/2" Corp	1 EA		\$	207.26	\$	207.26	\$	182.90	\$	182.90	\$	227.13	\$	227.13	\$	187.85	\$	187.85		
	1-1/2" Copper X MIP Adapt	2 ea		\$	8.66	\$	17.32	\$	15.97	\$	31.94	\$	15.97	\$	31.94	\$	15.97	\$	31.94		
	1-1/2" Meter Stop	1 EA		\$	339.14	\$	339.14	\$	387.57	\$	387.57	\$	388.54	\$	388.54	\$	324.13	\$	324.13		
	1-1/2" K-Hard Copper	80 LF		\$	14.02	\$	1,121.68	\$	7.81	\$	624.80	\$	11.85	\$	948.00	\$	13.62	\$	1,089.60		
	1-1/2" Copper Sweat 90 Bends	5 EA		\$	7.29	\$	36.46	\$	13.61	\$	68.05	\$	12.72	\$	63.60	\$	12.64	\$	63.20		
	1-1/2" Copper Sweat 45 Bends	3 EA		\$	7.39	\$	22.16	\$	13.33	\$	39.99	\$	19.57	\$	58.71	\$	12.79	\$	38.37		
	1-1/2" Copper Sweat Coupling	3 EA		\$	4.00	\$	12.00	\$	7.81	\$	23.43	\$	10.62	\$	31.86	\$	6.94	\$	20.82		
				\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-		
				\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-		
				\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-		
59	<b><u>1" Water service</u></b>			\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-		
	12"x1" Service Saddle	5 EA		\$	264.78	\$	1,323.90	\$	252.76	\$	1,263.80	\$	302.35	\$	1,511.75	\$	266.72	\$	1,333.60	\$	1,333.60
	1" Corp	5 EA		\$	95.56	\$	477.79	\$	77.05	\$	385.25	\$	100.65	\$	503.25	\$	91.34	\$	456.70		
	1" K-soft Copper	130 LF		\$	9.67	\$	1,256.71	\$	9.31	\$	1,210.30	\$	10.32	\$	1,341.60	\$	10.03	\$	1,303.90		
	1" Meter Stop	5 EA		\$	171.08	\$	855.40	\$	182.55	\$	912.75	\$	186.31	\$	931.55	\$	163.49	\$	817.45		
	Meter Box Bottom	5 EA		\$	60.74	\$	303.72	\$	63.07	\$	315.35	\$	72.27	\$	361.35	\$	45.00	\$	225.00		
	Meter Box Lid	5 EA		\$	97.53	\$	487.63	\$	104.19	\$	520.95	\$	66.89	\$	334.45	\$	146.29	\$	731.45		
	4"x6' SCH-40 Steel Pipe Pe X Pe			\$	200.00	\$	-	\$	-	\$	-	\$	176.47	\$	-	\$	-	\$	-		
				\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-		
				\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-		
				\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-		
				\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-		
59	<b><u>Private Side Tie-in</u></b>			\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-		
	1" Meter Coupling	7 EA		\$	22.53	\$	157.70	\$	10.95	\$	76.65	\$	22.61	\$	158.27	\$	11.68	\$	81.76		
	1" K-soft Copper	70 LF		\$	9.67	\$	676.69	\$	9.31	\$	651.70	\$	10.32	\$	722.40	\$	10.03	\$	702.10		
	1" Coupling.	7 EA		\$	31.37	\$	219.58	\$	10.95	\$	76.65	\$	32.25	\$	225.75	\$	29.98	\$	209.86		
				\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-		
59	<b><u>1" Water service Tie-in No Meter Box</u></b>			\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-		
	12"x1" Service Saddle	1 EA		\$	264.78	\$	264.78	\$	252.76	\$	252.76	\$	302.35	\$	302.35	\$	266.72	\$	266.72	\$	266.72
	1" Corp	1 EA		\$	95.56	\$	95.56	\$	77.05	\$	77.05	\$	100.65	\$	100.65	\$	91.34	\$	91.34		
	1" K-soft Copper	20 LF		\$	9.67	\$	193.34	\$	9.31	\$	186.20	\$	10.32	\$	206.40	\$	10.03	\$	200.60		
	1" Corp Coupling	1 EA		\$	31.37	\$	31.37	\$	10.95	\$	10.95	\$	32.25	\$	32.25	\$	29.98	\$	29.98		
	1" Meter Stop	1 EA		\$	171.08	\$	171.08	\$	182.55	\$	182.55	\$	186.31	\$	186.31	\$	163.49	\$	163.49		
				\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-		
				\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-		
				\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-		
				\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-		
65	<b><u>2" RP Backflow Assembly</u></b>			\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-		
	2" RP Backflow Assembly	1 EA		\$	744.83	\$	744.83	\$	672.95	\$	672.95	\$	652.73	\$	652.73	\$	920.32	\$	920.32		
	2" Copper X MIP Adapt	2 EA		\$	14.66	\$	29.32	\$	26.53	\$	53.06	\$	38.88	\$	77.76	\$	25.41	\$	50.82		
	2" K-Hard Copper	40 LF		\$	21.08	\$	843.00	\$	20.39	\$	815.60	\$	20.54	\$	821.60	\$	19.18	\$	767.20		
	2" Sweat 90 Bends	4 EA		\$	13.28	\$	53.11	\$	24.15	\$	96.60	\$	22.26	\$	89.04	\$	23.01	\$	92.04		

	2" Copper Union	1 EA		\$	143.89	\$	143.89	\$	100.71	\$	100.71	\$	150.58	\$	150.58	\$	91.41	\$	91.41		
	Guard Shack	1 EA		\$	437.33	\$	437.33	\$	404.94	\$	404.94	\$	396.68	\$	396.68	\$	464.76	\$	464.76		
						\$	-			\$	-			\$	-			\$	-		
64	<b><u>1-1/2" RP Backflow Assembly</u></b>					\$	-			\$	-			\$	-			\$	-		
	1-1/2" RP Backflow Assembly	3 EA		\$	653.36	\$	1,960.09	\$	625.89	\$	1,877.67	\$	565.27	\$	1,695.81	\$	735.83	\$	2,207.49		
	1-1/2" Copper X MIP Adapt	6 EA		\$	8.66	\$	51.97	\$	10.00	\$	60.00	\$	22.98	\$	137.88	\$	15.02	\$	90.12		
	1-1/2" K-Hard Copper	80 LF		\$	14.02	\$	1,121.68	\$	8.30	\$	664.00	\$	11.85	\$	948.00	\$	13.62	\$	1,089.60		
	1-1/2" Sweat 90 Bends	12 EA		\$	7.29	\$	87.50	\$	6.51	\$	78.12	\$	12.72	\$	152.64	\$	12.64	\$	151.68		
	1-1/2" Copper Union	3 EA		\$	75.62	\$	226.85	\$	23.05	\$	69.15	\$	71.80	\$	215.40	\$	53.63	\$	160.89		
	Guard Shack	3 EA		\$	378.67	\$	1,136.00	\$	316.05	\$	948.15	\$	396.68	\$	1,190.04	\$	402.84	\$	1,208.52		
						\$	-			\$	-			\$	-			\$	-		
						\$	-			\$	-			\$	-			\$	-		
63	<b><u>1" RP Backflow Assembly</u></b>					\$	-			\$	-			\$	-			\$	-		
	1" RP Backflow Assembly	3 EA		\$	234.70	\$	704.10	\$	337.65	\$	1,012.95	\$	291.21	\$	873.63	\$	379.08	\$	1,137.24		
	1" Copper X MIP Adapt	14 EA		\$	5.09	\$	71.29	\$	10.00	\$	140.00	\$	13.65	\$	191.10	\$	8.92	\$	124.88		
	1" K-Hard Copper	80 LF		\$	8.70	\$	695.84	\$	8.30	\$	664.00	\$	7.27	\$	581.60	\$	10.03	\$	802.40		
	1" Sweat 90 Bends	14 EA		\$	3.09	\$	43.29	\$	6.51	\$	91.14	\$	8.37	\$	117.18	\$	5.47	\$	76.58		
	1" Copper Union	5 EA		\$	14.22	\$	71.08	\$	23.05	\$	115.25	\$	34.62	\$	173.10	\$	22.62	\$	113.10		
	Guard Shack	3 EA		\$	378.67	\$	1,136.00	\$	316.05	\$	948.15	\$	324.59	\$	973.77	\$	418.98	\$	1,256.94		
						\$	-			\$	-			\$	-			\$	-		
						\$	-			\$	-			\$	-			\$	-		
	<b><u>Fireline and FDC Modified Installation</u></b>					\$	-			\$	-			\$	-			\$	-		
	<b><u>Per Candler Detail FD103</u></b>					\$	-			\$	-			\$	-			\$	-		
						\$	-			\$	-			\$	-			\$	-		
						\$	-			\$	-			\$	-			\$	-		
67	<b><u>6" RP Backflow COC C-315</u></b>					\$	-			\$	-			\$	-			\$	-		
	6" RP Backflow Assembly	2 EA		\$	5,495.69	\$	10,991.38	\$	5,574.12	\$	11,148.24	\$	4,572.64	\$	9,145.28	\$	5,225.87	\$	10,451.74	\$	10,451.74
	6"x6' Flg Spool	4 EA		\$	779.38	\$	3,117.50	\$	775.31	\$	3,101.24	\$	794.17	\$	3,176.68	\$	983.40	\$	3,933.60	\$	3,933.60
	6"x4' Flg Spool	4 EA		\$	620.28	\$	2,481.10	\$	629.34	\$	2,517.36	\$	631.36	\$	2,525.44	\$	781.80	\$	3,127.20	\$	3,127.20
	6" Flg 90 Bend	8 EA		\$	213.85	\$	1,710.80	\$	629.34	\$	5,034.72	\$	202.30	\$	1,618.40	\$	203.04	\$	1,624.32	\$	1,624.32
	6" Flg X MJ Adapt	4 EA		\$	98.39	\$	393.58	\$	219.72	\$	878.88	\$	93.08	\$	372.32	\$	93.42	\$	373.68	\$	373.68
	6" Flg Bolt Set	20 EA		\$	15.70	\$	314.00	\$	101.10	\$	2,022.00	\$	25.48	\$	509.60	\$	16.94	\$	338.80	\$	338.80
	6" Flg Gasket	20 EA		\$	4.00	\$	80.00	\$	19.80	\$	396.00			\$	-	\$	11.34	\$	226.80	\$	226.80
	6" Megalug	4 EA		\$	33.40	\$	133.58			\$	-	\$	31.59	\$	126.36	\$	32.65	\$	130.60	\$	130.60
	6" MJ Acc Set Less Gland	4 EA		\$	22.75	\$	91.00	\$	52.25	\$	209.00	\$	23.66	\$	94.64	\$	32.45	\$	129.80	\$	129.80
	Pipe Support	4 EA		\$	68.40	\$	273.60	\$	64.38	\$	257.52	\$	66.74	\$	266.96	\$	71.99	\$	287.96		
						\$	-			\$	-			\$	-			\$	-		
	Guard Shack For 6" RP Backflow					\$	-			\$	-			\$	-			\$	-		
	C.O.C. Det C-315	2 EA		\$	2,336.00	\$	4,672.00	\$	1,524.40	\$	3,048.80	\$	2,336.00	\$	4,672.00	\$	2,200.00	\$	4,400.00		
						\$	-			\$	-			\$	-			\$	-		
						\$	-			\$	-			\$	-			\$	-		
						\$	-			\$	-			\$	-			\$	-		
66	<b><u>4" RP Backflow COC C-315</u></b>					\$	-			\$	-			\$	-			\$	-		
	4" RP Backflow Assembly	1 EA		\$	2,756.79	\$	2,756.79	\$	2,383.53	\$	2,383.53	\$	2,484.31	\$	2,484.31	\$	2,839.21	\$	2,839.21	\$	2,839.21
	4"x6' Flg Spool	2 EA		\$	636.94	\$	1,273.88	\$	646.27	\$	1,292.54	\$	647.35	\$	1,294.70	\$	801.60	\$	1,603.20	\$	1,603.20
	4"x4' Flg Spool	2 EA		\$	503.64	\$	1,007.28	\$	499.16	\$	998.32	\$	511.68	\$	1,023.36	\$	633.60	\$	1,267.20	\$	1,267.20
	4" Flg 90 Bend	4 EA		\$	138.21	\$	552.82	\$	142.03	\$	568.12	\$	130.74	\$	522.96	\$	131.22	\$	524.88	\$	524.88
	4" Flg X MJ Adapt	2 EA		\$	71.66	\$	143.33	\$	73.63	\$	147.26	\$	67.79	\$	135.58	\$	68.04	\$	136.08	\$	136.08
	4" Flg Bolt Set	10 EA		\$	9.56	\$	95.60	\$	12.50	\$	125.00	\$	17.03	\$	170.30	\$	8.53	\$	85.30	\$	85.30
	4" Flg Gasket	10 EA		\$	2.56	\$	25.60			\$	-			\$	-	\$	9.01	\$	90.10	\$	90.10
	4" Megalug	2 EA		\$	28.40	\$	56.79	\$	47.17	\$	94.34	\$	26.86	\$	53.72	\$	27.76	\$	55.52	\$	55.52
	4" MJ Acc Set Less Gland	2 EA		\$	19.90	\$	39.80			\$	-	\$	20.70	\$	41.40	\$	25.92	\$	51.84	\$	51.84
	Pipe Support	2 EA		\$	68.40	\$	136.80	\$	64.38	\$	128.76	\$	66.74	\$	133.48	\$	71.99	\$	143.98		
						\$	-			\$	-			\$	-			\$	-		
	<b><u>Added Item</u></b>					\$	-			\$	-			\$	-			\$	-		
69	<b><u>Air Release C-319</u></b>					\$	-			\$	-			\$	-			\$	-		
	12"x2" Service Saddle	2 EA		\$	304.02	\$	608.04	\$	273.41	\$	546.82	\$	347.24	\$	694.48	\$	306.25	\$	612.50	\$	612.50
	2" Corp	2 EA		\$	335.19	\$	670.39	\$	309.68	\$	619.36	\$	375.61	\$	751.22	\$	320.38	\$	640.76		
	2" Copper X MIP Adapt	2 ea		\$	14.66	\$	29.32	\$	26.53	\$	53.06	\$	26.53	\$	53.06	\$	26.53	\$	53.06		
	2" K-Hard Copper	80 EA		\$	24.09	\$	1,927.20	\$	20.39	\$	1,631.20	\$	20.54	\$	1,643.20	\$	19.19	\$	1,535.20		
	2" Sweat 90 Bend	6 EA		\$	13.28	\$	79.66	\$	32.84	\$	197.04	\$	22.26	\$	133.56	\$	23.01	\$	138.06		

	2" Sweat Coupling	1 EA		\$	6.68	\$	6.68	\$	12.12	\$	12.12	\$	17.71	\$	17.71	\$	11.57	\$	11.57		
	2" Corp PJ X IPT	2 EA		\$	406.23	\$	812.46	\$	309.68	\$	619.36	\$	396.27	\$	792.54	\$	392.76	\$	785.52		
	2"x6" Brass Nipple	2 EA		\$	34.18	\$	68.36	\$	32.30	\$	64.60	\$	42.84	\$	85.68	\$	34.63	\$	69.26		
	2" Brass St Ell	2 EA		\$	48.03	\$	96.06	\$	32.84	\$	65.68	\$	59.68	\$	119.36	\$	53.27	\$	106.54		
	2" Combo Air Release	2 EA		\$	693.54	\$	1,387.08	\$	531.25	\$	1,062.50	\$	468.61	\$	937.22	\$	647.26	\$	1,294.52		
	2" SCH-80 PVC Treaded Street Ell	4 EA		\$	6.82	\$	27.28	\$	6.82	\$	27.28	\$	13.48	\$	53.92	\$	24.17	\$	96.68		
	2" Threaded Cap w/Wire Mesh	2 EA		\$	9.21	\$	18.41	\$	29.40	\$	58.80	\$	24.36	\$	48.72	\$	42.88	\$	85.76		
	2" X Close Threaded SCH-80 PVC Nipple	2 EA		\$	35.13	\$	70.27	\$	35.15	\$	70.30	\$	4.26	\$	8.52	\$	5.69	\$	11.38		
	#4 Meter Box	4 EA		\$	85.66	\$	342.65	\$	89.32	\$	357.28	\$	101.92	\$	407.68	\$	108.49	\$	433.96		
	Polymer Meter Box Lid	2 EA		\$	154.18	\$	308.35	\$	156.25	\$	312.50	\$	266.26	\$	532.52	\$	202.97	\$	405.94		
					\$	-			\$	-			\$	-			\$	-			
					\$	-			\$	-			\$	-			\$	-			
	<b>Additional Material For Tie-ins</b>				\$	-			\$	-			\$	-			\$	-			
	<b><u>To Cap Pipe That will latter be abandoned.</u></b>				\$	-			\$	-			\$	-			\$	-			
					\$	-			\$	-			\$	-			\$	-			
30	12" Hymax Couplings	10 EA		\$	709.72	\$	7,097.19	\$	694.52	\$	6,945.20	\$	787.32	\$	7,873.20	\$	870.59	\$	8,705.90	\$	8,705.90
29	8" Hymax Couplings	10 EA		\$	390.69	\$	3,906.94	\$	384.52	\$	3,845.20	\$	433.41	\$	4,334.10	\$	479.26	\$	4,792.60	\$	4,792.60
28	6" Hymax Couplings	6 EA		\$	346.04	\$	2,076.26	\$	345.31	\$	2,071.86	\$	383.88	\$	2,303.28	\$	424.49	\$	2,546.94	\$	2,546.94
30	12" TJ DIP	80 LF		\$	49.98	\$	3,998.32	\$	51.61	\$	4,128.80	\$	51.61	\$	4,128.80	\$	50.43	\$	4,034.40	\$	4,034.40
29	8" TJ DIP	20 LF		\$	32.61	\$	652.22	\$	34.31	\$	686.20	\$	33.97	\$	679.40	\$	24.99	\$	499.80	\$	499.80
28	6" TJ DIP	20 LF		\$	24.77	\$	495.38	\$	26.15	\$	523.00	\$	25.58	\$	511.60	\$	32.91	\$	658.20	\$	658.20
30	2"x12" Galv Nipple	23 EA		\$	20.43	\$	469.78	\$	17.02	\$	391.46	\$	25.33	\$	582.59	\$	37.74	\$	868.02		
30	2" Galv Cap	23 EA		\$	6.06	\$	139.38	\$	7.42	\$	170.66	\$	8.45	\$	194.35	\$	12.63	\$	290.49		
30	2" Galv Street Ells	23 EA		\$	15.80	\$	363.40	\$	15.02	\$	345.46	\$	22.12	\$	508.76	\$	32.31	\$	743.13		
30	2" Ball Valve FIP X FIP	23 EA		\$	60.49	\$	1,391.32	\$	58.95	\$	1,355.85	\$	88.47	\$	2,034.81	\$	93.56	\$	2,151.88		
30	12" Megalugs and Glad W/Kit Testing	12 EA		\$	143.63	\$	1,723.58	\$	151.72	\$	1,820.64	\$	139.19	\$	1,670.28	\$	155.98	\$	1,871.76	\$	1,871.76
29	8" Megalugs and Glad W/Kit Testing	4 EA		\$	75.78	\$	303.11	\$	79.38	\$	317.52	\$	74.09	\$	296.36	\$	84.35	\$	337.40	\$	337.40
28	6" Megalugs and Glad W/Kit Testing	4 EA		\$	56.15	\$	224.58	\$	52.25	\$	209.00	\$	55.25	\$	221.00	\$	65.10	\$	260.40	\$	260.40
							\$ 1,038,388.53				\$ 1,068,361.73				\$ 1,067,581.88			\$ 1,002,877.86	\$	938,798.47	
																		Perma Seal / Insertavale	\$	\$ 128,898.57	
																		Applicable Tax Credit	\$	\$ 51,569.77	



FERGUSON WATERWORKS #1821  
1800 NORTH ARIZONA AVENUE  
CHANDLER, AZ 85225-7014

Phone: 602-495-8420  
Fax: 602-262-4276

Deliver To: EXP 12/2020 EM ECMS  
From: Gilbert Zavala  
Comments:

18:42:39 APR 06 2023

Page 1 of 15

FERGUSON WATERWORKS #3083

Price Quotation  
Phone: 602-495-8420  
Fax: 602-262-4276

**Bid No:** B399258  
**Bid Date:** 04/05/23  
**Quoted By:** HK

**Cust Phone:** 623-582-1170  
**Terms:** NET 10TH PROX

**Customer:** B & F CONTRACTING INC  
11011 N 23RD AVE  
CHANDLER BLVD AND DOBSON R  
PHOENIX, AZ 85029-4807

**Ship To:**

**Cust PO#:** CHANDLER, AZ

**Job Name:** CHANDLER BLVD

Item	Description	Quantity	Net Price	UM	Total
	----				
	CHANDLER CMAR CHANDLER, AZ ----				
	QUOTED PER CUSTOMER'S LIST QUOTED PER CHANDLER SPECS ----				
PT-QUOTE-NOTES	BID NOTES FOR CUSTOMER ***** ALL PVC, COPPER & VOLATILE COMMODITIES FOR THE TIME BEING WILL BE REPRICED AT TIME OF SHIPMENT. CURRENT PRICING SUBJECT TO CHANGE. ***** NOTE: AT THIS TIME PVC CURRENT LEAD TIMES TO BE DETERMINED AT TIME OF ORDER. ***** NOTE: DUE TO THE CURRENT STATE OF THE ECONOMY, LEAD TIMES FOR DIP ARE UNPREDICTABLE AND LONGER THAN USUAL PLEASE SEE YOUR SALESMAN DURING TIME OF AWARD FOR LEAD TIMES. ***** URGENT DIP NOTE: DUCTILE IRON PIPE SUBJECT TO REPRICING UPON SHIPPING UNTIL FURTHER NOTICE. ***** "Any reference to or incorporation of Executive Order 14042 and/or the EO-implementing Federal clauses (FAR 52.223 -99 and/or DFARS 252.223-7999) is expressly rejected by Seller and shall not apply as Seller is a materials supplier and	1		EA	



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<https://survey.medallia.com/?bidsorder&fc=3083&on=26821>

Fax: 602-262-4276

18:42:39 APR 06 2023

Reference No: B399258

Item	Description	Quantity	Net Price	UM	Total
	therefore exempt under the Executive Order." ***** ----- PT-QUOTE-NOTES ----- PT-DIP-LEAD-TIMES	1		EA	0.00
	DIP LEAD TIME AS OF 08/31/2022 ***** 4" FASTITE / FLEX RING 50 WEEKS 6" FASTITE / FLEX RING 50 WEEKS 8" FASTITE / FLEX RING 50 WEEKS 10" FASTITE / FLEX RING 50 WEEKS 12" FASTITE / FLEX RING 50 WEEKS 16" FASTITE / FLEX RING 40 WEEKS 18" FASTITE / FLEX RING 40 WEEKS 24" FAST/FLEX CL250 40 WEEKS ***** ----- PT-DIP-LEAD-TIMES ----- PT-CLOW-LEAD-TIMES	1		EA	0.00
	*LEAD TIMES AS OF 09/12/22* ***** GATE VALVES: 2"-8" - 12 WEEKS 10"-12" - 20 WEEKS 14" (NO GEAR) 14-16 WEEKS 16" (NO GEAR) 14-16 WEEKS 14"-16" (W/GEAR) 25-27 WEEKS 18"-20" - 25-27 WEEKS 24" - 25-27 WEEKS HYDRANTS: CLO860 - 11 WEEKS MEDALLION - 8 WEEKS ADMIRALS - 8 WEEKS EDDYS - 8 WEEKS IHYDRANT - 6-8 WEEKS ***** ----- PT-CLOW-LEAD-TIMES ----- 12" DIP WATER ----- AFT350P12 AFGRGSKT12	6880 344	50.430 188.090	FT EA	346958.40 64702.96
	SUBTOTAL				411661.36
	12" FITTINGS ----- PSD3105B52 TW14SLDUFBL500 PSPWT210	7 7000 50	68.800 160.970 6.000	EA M EA	481.60 1126.79 300.00
	27X308 POLYWRAP PERF 10 - 12 DIP PSPWT210	7392 50	0.670 6.000	FT EA	4952.64 300.00
	12 DI 125# C110 FLG TEE MJFTLA12 MJTLA12	8 1 1	1091.340 882.340 498.960	EA EA EA	8730.72 882.34 498.96

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<https://survey.medallia.com/?bidsorder&fc=3083&on=26821>



Fax: 602-262-4276

18:42:39 APR 06 2023

Reference No: B399258

Item	Description	Quantity	Net Price	UM	Total
MJTLA12X	12X8 MJ C153 TEE L/A	2	396.550	EA	793.10
FT12X	12X8 DI 125# C110 FLG TEE	2	1129.640	EA	2259.28
MJFTLA12U	12X6 MJXFLG C153 TEE L/A	1	445.500	EA	445.50
MJFALA12	12 MJXFLG C153 ADPT L/A	4	317.350	EA	1269.40
MJ2LA12	12 MJ C153 22-1/2 BEND L/A	3	259.740	EA	779.22
MJ4LA12	12 MJ C153 45 BEND L/A	17	297.000	EA	5049.00
MJLSLA12	12X12 MJ C153 LONG SLV L/A	6	273.780	EA	1642.68
----					
SSLDE12	12 DI MJ WDG REST GLND *ONELOK	74	105.960	EA	7841.04
IMJBGP12	12 MJ C153 BLT GSKT PK L/ GLAND	74	50.020	EA	3701.48
SSLDE8	8 DI MJ WDG REST GLND *ONELOK	1	49.070	EA	49.07
IMJBGPX	8 MJ C153 BLT GSKT PK L/ GLAND	1	35.280	EA	35.28
BP150A307BZN12	10-12 ZN 150# A307B FLG BLT KIT	4	34.240	EA	136.96
ATSGA12	12 FF 1/8 TORUSEAL NSF61 FLG GSKT	4	19.930	EA	79.72
----					
SUBTOTAL					41354.78
----					
12" TJ DIP					
----					
AFT350P12	12 CL350 CL DI FASTITE PIPE	1400	50.430	FT	70602.00
----					
SUBTOTAL					70602.00
----					
12" FITTINGS					
----					
PSD3105B52	3X1000 UG DET WTR BLUE	2	68.800	EA	137.60
TW14SLDUFBL500	14GA SLD COP UF WIRE BLUE 500	2000	160.970	M	321.94
T3889962	27X308 POLYWRAP PERF 10 - 12 DIP	1540	0.670	FT	1031.80
PSPWT210	2X100 10 MIL PIPE WRAP TAPE	20	6.000	EA	120.00
----					
SUBTOTAL					1611.34
----					
8" DIP RJ					
----					
AFT350PX	8 CL350 CL DI FASTITE PIPE	380	32.910	FT	12505.80
AFGRGSKTX	8 FAST GRIP GSKT ACIPCO	19	129.520	EA	2460.88
----					
SUBTOTAL					14966.68
----					
8" FITTINGS					
----					
PSD3105B52	3X1000 UG DET WTR BLUE	1	68.800	EA	68.80
TW14SLDUFBL500	14GA SLD COP UF WIRE BLUE 500	500	160.970	M	80.49
PSPWT210	2X100 10 MIL PIPE WRAP TAPE	5	6.000	EA	30.00
T3889961	20X308 POLYWRAP PERF 3 - 8 DIP	616	0.600	FT	369.60
----					
MJTLA12X	12X8 MJ C153 TEE L/A	1	396.550	EA	396.55
FT12X	12X8 DI 125# C110 FLG TEE	1	1129.640	EA	1129.64
MJFTLA12X	12X8 MJXFLG C153 TEE L/A	3	615.560	EA	1846.68
MJTLAXU	8X6 MJ C153 TEE L/A	1	211.200	EA	211.20
MJFTLAXU	8X6 MJXFLG C153 TEE L/A	3	289.640	EA	868.92
MJRLAXU	8X6 MJ C153 RED L/A	1	122.980	EA	122.98
MJFALAX	8 MJXFLG C153 ADPT L/A	1	174.720	EA	174.72
BP150A307BUX	6 - 8 150# A307B FLG BLT KIT *X	1	16.940	EA	16.94
ATSGAX	8 FF 1/8 TORUSEAL NSF61 FLG GSKT	1	15.520	EA	15.52
SSLDE12	12 DI MJ WDG REST GLND *ONELOK	8	105.960	EA	847.68
IMJBGP12	12 MJ C153 BLT GSKT PK L/ GLAND	8	50.020	EA	400.16



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Reference No: B399258

Item	Description	Quantity	Net Price	UM	Total
SSLDE8	8 DI MJ WDG REST GLND *ONELOK	10	49.070	EA	490.70
IMJBGPX	8 MJ C153 BLT GSKT PK L/ GLAND	11	35.280	EA	388.08
SSLDE6	6 DI MJ WDG REST GLND *ONELOK	4	32.650	EA	130.60
IMJBGPU	6 MJ C153 BLT GSKT PK L/ GLAND	4	32.450	EA	129.80
MJTPXK	8X2 MJ C153 TAP PLUG	3	149.860	EA	449.58
MJLSLAX	8X12 MJ C153 LONG SLV L/A	1	211.680	EA	211.68
SUBTOTAL					8380.32
16" TIE IN					
FT16X	16X8 DI 125# C110 FLG TEE	4	1882.280	EA	7529.12
MJLSLA16	16X15 MJ C153 LONG SLV L/A	2	651.170	EA	1302.34
MJFALA16	16 MJXFLG C153 ADPT L/A	1	702.920	EA	702.92
AFT250P16	16 CL250 CL DI FASTITE PIPE	20	80.180	FT	1603.60
C263816211176009	16 FLG X MJ RW OL GATE VLV C515	1	8493.750	EA	8493.75
SSLDE16	16 DI MJ WDG REST GLND *ONELOK	6	240.430	EA	1442.58
IMJBGP16	16 MJ C153 BLT GSKT PK L/ GLAND	6	112.110	EA	672.66
ATSGA16	16 FF 1/8 TORUSEAL NSF61 FLG GSKT	2	44.660	EA	89.32
BP150A307B16	16 150# A307B FLG BLT KIT	2	91.570	EA	183.14
IVBATS16	16 SLIP VLV BX TOP SECT	1	53.660	EA	53.66
IVBABS24	24 SLIP VLV BX BOT SECT	1	62.400	EA	62.40
SNPR600	NON POP BLACK CHANDLER VLV BX LID	1	63.920	EA	63.92
SDC457BL	DEBRIS CAP F/ 461S TOP BLUE	1	79.290	EA	79.29
SUBTOTAL					22278.70
TEMP CAP FOR TESTING					
MJTCAPLAXK	8X2 MJ C153 TAP CAP L/A	1	105.840	EA	105.84
IGS9K	2 GALV MI 150# ST 90 ELL	2	32.310	EA	64.62
IGNK72	2X72 GALV RDY CUT PIPE TBE	1	116.660	EA	116.66
PFXT300K	LF 2 BRS 200# THRD NRS GATE VLV	1	48.540	EA	48.54
SSLDE8	8 DI MJ WDG REST GLND *ONELOK	1	49.070	EA	49.07
IMJBGPX	8 MJ C153 BLT GSKT PK L/ GLAND	1	35.280	EA	35.28
SUBTOTAL					420.01
6" DIP					
AFT350PU	6 CL350 CL DI FASTITE PIPE	240	24.990	FT	5997.60
AFGRGSKTU	6 FAST GRIP GSKT ACIPCO	2	95.630	EA	191.26
SUBTOTAL					6188.86
6" FITTINGS					
PSD3105B52	3X1000 UG DET WTR BLUE	1	68.800	EA	68.80
TW14SLDUFBL500	14GA SLD COP UF WIRE BLUE 500	500	160.970	M	80.49
PSPWT210	2X100 10 MIL PIPE WRAP TAPE	1	6.000	EA	6.00
T3889961	20X308 POLYWRAP PERF 3 - 8 DIP	308	0.600	FT	184.80
PSPWT210	2X100 10 MIL PIPE WRAP TAPE	5	6.000	EA	30.00



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Reference No: B399258

Item	Description	Quantity	Net Price	UM	Total
MJFTLA12U	12X6 MJXFLG C153 TEE L/A	4	445.500	EA	1782.00
MJ9LAU	6 MJ C153 90 BEND L/A	6	116.640	EA	699.84
MJTCAPLAUK	6X2 MJ C153 TAP CAP L/A	3	76.140	EA	228.42
SSLDE12	12 DI MJ WDG REST GLND *ONELOK	8	105.960	EA	847.68
IMJBG12	12 MJ C153 BLT GSKT PK L/ GLAND	8	50.020	EA	400.16
SSLDE6	6 DI MJ WDG REST GLND *ONELOK	5	32.650	EA	163.25
IMJBGPU	6 MJ C153 BLT GSKT PK L/ GLAND	5	32.450	EA	162.25
	-----				
	SUBTOTAL				4653.69
	-----				
	4" PC-350 DIP				
	-----				
AFT350PP	4 CL350 CL DI FASTITE PIPE	60	36.560	FT	2193.60
	-----				
	SUBTOTAL				2193.60
	-----				
	4" FITTINGS				
	-----				
	POLYWRAP ABOVE				
	-----				
PSPWT210	2X100 10 MIL PIPE WRAP TAPE	1	6.000	EA	6.00
	-----				
MJFTLA12P	12X4 MJXFLG C153 TEE L/A	2	422.280	EA	844.56
SSLDE12	12 DI MJ WDG REST GLND *ONELOK	4	105.960	EA	423.84
IMJBG12	12 MJ C153 BLT GSKT PK L/ GLAND	4	50.020	EA	200.08
SSLDE4	4 DI MJ WDG REST GLND *ONELOK	8	27.760	EA	222.08
IMJBGPP	4 MJ C153 BLT GSKT PK L/ GLAND	8	25.920	EA	207.36
MJ9LAP	4 MJ C153 90 BEND L/A	4	71.280	EA	285.12
	-----				
	SUBTOTAL				2189.04
	-----				
	TEMP CAP FOR TESTING				
	-----				
MJTCAPLAPK	4X2 MJ C153 TAP CAP L/A	2	55.620	EA	111.24
IGS9K	2 GALV MI 150# ST 90 ELL	4	32.310	EA	129.24
IGNK72	2X72 GALV RDY CUT PIPE TBE	2	116.660	EA	233.32
PFXT300K	LF 2 BRS 200# THRD NRS GATE VLV	2	48.540	EA	97.08
SSLDE4	4 DI MJ WDG REST GLND *ONELOK	2	27.760	EA	55.52
IMJBGPP	4 MJ C153 BLT GSKT PK L/ GLAND	2	25.920	EA	51.84
	-----				
	SUBTOTAL				678.24
	-----				
	12" SWING TIE-IN AT ACP				
	-----				
P350612A	12 WIDERANGE COUP 12-75-14.38	4	615.890	EA	2463.56
	-----				
MJ4LA12	12 MJ C153 45 BEND L/A	6	297.000	EA	1782.00
MJ9LA12	12 MJ C153 90 BEND L/A	2	359.100	EA	718.20
SSLDE12	12 DI MJ WDG REST GLND *ONELOK	16	105.960	EA	1695.36
IMJBG12	12 MJ C153 BLT GSKT PK L/ GLAND	16	50.020	EA	800.32
	-----				
	SUBTOTAL				7459.44
	-----				



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Reference No: B399258

Item	Description	Quantity	Net Price	UM	Total
	----				
	TEMP CAP FOR TESTING				
	----				
MJTCAPLA12K	12X2 MJ C153 TAP CAP L/A	3	173.880	EA	521.64
IGS9K	2 GALV MI 150# ST 90 ELL	6	32.310	EA	193.86
IGNK72	2X72 GALV RDY CUT PIPE TBE	3	116.660	EA	349.98
PFXT300K	LF 2 BRS 200# THRD NRS GATE VLV	3	48.540	EA	145.62
SSLDE12	12 DI MJ WDG REST GLND *ONELOK	3	105.960	EA	317.88
IMJBG12	12 MJ C153 BLT GSKT PK L/ GLAND	3	50.020	EA	150.06
	----				
	SUBTOTAL				1679.04
	----				
	8" SWING TIE-IN AT ACP				
	----				
P350608A00000	8 POWERMAX WIDERANGE COUP 8.40-9.79	5	418.770	EA	2093.85
	----				
MJ4LAX	8 MJ C153 45 BEND L/A	8	137.700	EA	1101.60
MJ9LAX	8 MJ C153 90 BEND L/A	2	168.480	EA	336.96
	----				
SSLDE8	8 DI MJ WDG REST GLND *ONELOK	20	49.070	EA	981.40
IMJBG12	8 MJ C153 BLT GSKT PK L/ GLAND	20	35.280	EA	705.60
	----				
	TEMP CAP FOR TESTING				
	----				
MJTCAPLAXK	8X2 MJ C153 TAP CAP L/A	6	105.840	EA	635.04
IGS9K	2 GALV MI 150# ST 90 ELL	12	32.310	EA	387.72
IGNK72	2X72 GALV RDY CUT PIPE TBE	6	116.660	EA	699.96
PFXT300K	LF 2 BRS 200# THRD NRS GATE VLV	6	48.540	EA	291.24
SSLDE8	8 DI MJ WDG REST GLND *ONELOK	6	49.070	EA	294.42
IMJBG12	8 MJ C153 BLT GSKT PK L/ GLAND	6	35.280	EA	211.68
	----				
	SUBTOTAL				7739.47
	----				
	6" SWING TIE-IN AT ACP				
	----				
P350606A00000	6 POWERMAX WIDERANGE COUP 6.25-7.45	5	260.480	EA	1302.40
	----				
MJ4LAU	6 MJ C153 45 BEND L/A	6	94.500	EA	567.00
MJ9LAU	6 MJ C153 90 BEND L/A	5	116.640	EA	583.20
	----				
SSLDE6	6 DI MJ WDG REST GLND *ONELOK	22	32.650	EA	718.30
IMJBG12	6 MJ C153 BLT GSKT PK L/ GLAND	22	32.450	EA	713.90
	----				
	TEMP CAP FOR TESTING				
	----				
MJTCAPLAUK	6X2 MJ C153 TAP CAP L/A	4	76.140	EA	304.56
IGS9K	2 GALV MI 150# ST 90 ELL	11	32.310	EA	355.41
IGNK72	2X72 GALV RDY CUT PIPE TBE	4	116.660	EA	466.64
PFXT300K	LF 2 BRS 200# THRD NRS GATE VLV	4	48.540	EA	194.16
SSLDE6	6 DI MJ WDG REST GLND *ONELOK	4	32.650	EA	130.60
IMJBG12	6 MJ C153 BLT GSKT PK L/ GLAND	4	32.450	EA	129.80
	----				
	SUBTOTAL				5465.97
	----				
	4" SWING TIE-AT ACP				
	----				
P350604A00000	4 POWERMAX WIDERANGE COUP 4.20-5.33	1	191.840	EA	191.84
	----				



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Item	Description	Quantity	Net Price	UM	Total
MJRLAUP	6X4 MJ C153 RED L/A	1	84.680	EA	84.68
SSLDE6	6 DI MJ WDG REST GLND *ONELOK	1	32.650	EA	32.65
IMJBGPU	6 MJ C153 BLT GSKT PK L/ GLAND	1	32.450	EA	32.45
SSLDE4	4 DI MJ WDG REST GLND *ONELOK	1	27.760	EA	27.76
IMJBGPP	4 MJ C153 BLT GSKT PK L/ GLAND	1	25.920	EA	25.92
----					
	SUBTOTAL				395.30
----					
	TEMP CAP FOR TESTING				
----					
MJTCAPLAPK	4X2 MJ C153 TAP CAP L/A	1	55.620	EA	55.62
IGS9K	2 GALV MI 150# ST 90 ELL	2	32.310	EA	64.62
IGNK72	2X72 GALV RDY CUT PIPE TBE	1	116.660	EA	116.66
PFXT300K	LF 2 BRS 200# THRD NRS GATE VLV	1	48.540	EA	48.54
SSLDE4	4 DI MJ WDG REST GLND *ONELOK	1	27.760	EA	27.76
IMJBGPP	4 MJ C153 BLT GSKT PK L/ GLAND	1	25.920	EA	25.92
----					
	SUBTOTAL				339.12
----					
	1/2 VERT REALIGNMENT				
----					
MJ2LA12	12 MJ C153 22-1/2 BEND L/A	2	259.740	EA	519.48
MJ4LA12	12 MJ C153 45 BEND L/A	14	297.000	EA	4158.00
SSLDE12	12 DI MJ WDG REST GLND *ONELOK	32	105.960	EA	3390.72
IMJBG12	12 MJ C153 BLT GSKT PK L/ GLAND	32	50.020	EA	1600.64
----					
	SUBTOTAL				9668.84
----					
	8" VERT				
----					
MJ4LAX	8 MJ C153 45 BEND L/A	10	137.700	EA	1377.00
SSLDE8	8 DI MJ WDG REST GLND *ONELOK	20	49.070	EA	981.40
IMJBG1X	8 MJ C153 BLT GSKT PK L/ GLAND	20	35.280	EA	705.60
----					
	SUBTOTAL				3064.00
----					
	6" VERT				
----					
MJ4LAU	6 MJ C153 45 BEND L/A	4	94.500	EA	378.00
SSLDE6	6 DI MJ WDG REST GLND *ONELOK	8	32.650	EA	261.20
IMJBGPU	6 MJ C153 BLT GSKT PK L/ GLAND	8	32.450	EA	259.60
----					
	SUBTOTAL				898.80
----					
	FULL VERT				
----					
MJ4LA12	12 MJ C153 45 BEND L/A	18	297.000	EA	5346.00
----					
SSLDE12	12 DI MJ WDG REST GLND *ONELOK	36	105.960	EA	3814.56
IMJBG12	12 MJ C153 BLT GSKT PK L/ GLAND	36	50.020	EA	1800.72
----					
	SUBTOTAL				10961.28
----					



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Item	Description	Quantity	Net Price	UM	Total
----					
	8" VERT				
----					
MJ4LAX	8 MJ C153 45 BEND L/A	16	137.700	EA	2203.20
SSLDE8	8 DI MJ WDG REST GLND *ONELOK	32	49.070	EA	1570.24
IMJBGPX	8 MJ C153 BLT GSKT PK L/ GLAND	32	35.280	EA	1128.96
----					
	SUBTOTAL				4902.40
----					
	6" VERT				
----					
MJ4LAU	6 MJ C153 45 BEND L/A	16	94.500	EA	1512.00
SSLDE6	6 DI MJ WDG REST GLND *ONELOK	32	32.650	EA	1044.80
IMJBGPU	6 MJ C153 BLT GSKT PK L/ GLAND	32	32.450	EA	1038.40
----					
	SUBTOTAL				3595.20
----					
	12" VALVE				
----					
C263812211194009	12 DI MJ X FLG OL GATE VLV C515	30	2775.740	EA	83272.20
C263812301194009	12 DI MJ OL GATE VLV C515	11	2909.040	EA	31999.44
BP150A307BZN12	10-12 ZN 150# A307B FLG BLT KIT	30	34.240	EA	1027.20
ATSGA12	12 FF 1/8 TORUSEAL NSF61 FLG GSKT	30	19.930	EA	597.90
SSLDE12	12 DI MJ WDG REST GLND *ONELOK	52	105.960	EA	5509.92
IMJBGP12	12 MJ C153 BLT GSKT PK L/ GLAND	52	50.020	EA	2601.04
----					
IVBATS16	16 SLIP VLV BX TOP SECT	41	53.660	EA	2200.06
IVBABS24	24 SLIP VLV BX BOT SECT	41	62.400	EA	2558.40
SNPR600	NON POP BLACK CHANDLER VLV BX LID	41	63.920	EA	2620.72
SDC457BL	DEBRIS CAP F/ 461S TOP BLUE	41	79.290	EA	3250.89
----					
VSEX	8 FT VLV STEM EXT	2	308.570	EA	617.14
T3677017	SM DIRT RNG EXT STEM	2	74.250	EA	148.50
IVBABS24	24 SLIP VLV BX BOT SECT	8	62.400	EA	499.20
----					
	12" INSERTION VALVE BOXES				
----					
IVBATS16	16 SLIP VLV BX TOP SECT	6	53.660	EA	321.96
IVBABS24	24 SLIP VLV BX BOT SECT	6	62.400	EA	374.40
SNPR600	NON POP BLACK CHANDLER VLV BX LID	6	63.920	EA	383.52
SDC457BL	DEBRIS CAP F/ 461S TOP BLUE	6	79.290	EA	475.74
----					
MJSCAPLA12	12 MJ C153 SLD CAP L/A	1	180.770	EA	180.77
SSLDE12	12 DI MJ WDG REST GLND *ONELOK	1	105.960	EA	105.96
IMJBGP12	12 MJ C153 BLT GSKT PK L/ GLAND	1	50.020	EA	50.02
----					
	SUBTOTAL				138794.98
----					
	12" THRUST BLOCK				
----					
SSLDE12	12 DI MJ WDG REST GLND *ONELOK	10	105.960	EA	1059.60
IMJBGP12	12 MJ C153 BLT GSKT PK L/ GLAND	10	50.020	EA	500.20



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Item	Description	Quantity	Net Price	UM	Total
	----				
	SUBTOTAL				1559.80
	----				
	8" THRUST BLOCK				
	----				
SSLDE8	8 DI MJ WDG REST GLND *ONELOK	8	49.070	EA	392.56
IMJBGPIX	8 MJ C153 BLT GSKT PK L/ GLAND	8	35.280	EA	282.24
	----				
	SUBTOTAL				674.80
	----				
	6" THRUST BLOCK				
	----				
SSLDE6	6 DI MJ WDG REST GLND *ONELOK	2	32.650	EA	65.30
IMJBGPU	6 MJ C153 BLT GSKT PK L/ GLAND	2	32.450	EA	64.90
	----				
	SUBTOTAL				130.20
	----				
	8" VALVE				
	----				
C263808211194009	8 DI MJ X FLG OL GATE VLV C515	7	1446.460	EA	10125.22
C263808301194009	8 DI MJ OL GATE VLV C515	3	1474.360	EA	4423.08
BP150A307BUX	6 - 8 150# A307B FLG BLT KIT *X	7	16.940	EA	118.58
ATSGAX	8 FF 1/8 TORUSEAL NSF61 FLG GSKT	7	15.520	EA	108.64
SSLDE8	8 DI MJ WDG REST GLND *ONELOK	13	49.070	EA	637.91
IMJBGPIX	8 MJ C153 BLT GSKT PK L/ GLAND	13	35.280	EA	458.64
	----				
IVBATS16	16 SLIP VLV BX TOP SECT	10	53.660	EA	536.60
IVBABS24	24 SLIP VLV BX BOT SECT	10	62.400	EA	624.00
SNPR600	NON POP BLACK CHANDLER VLV BX LID	10	63.920	EA	639.20
SDC457BL	DEBRIS CAP F/ 461S TOP BLUE	10	79.290	EA	792.90
	----				
	SUBTOTAL				18464.77
	----				
	6" VALVE				
	----				
C263806211194009	6 DI MJ X FLG OL GATE VLV C515	7	925.660	EA	6479.62
ATSGAU	6 FF 1/8 TORUSEAL NSF61 FLG GSKT	7	11.340	EA	79.38
BP150A307BUX	6 - 8 150# A307B FLG BLT KIT *X	7	16.940	EA	118.58
SSLDE6	6 DI MJ WDG REST GLND *ONELOK	7	32.650	EA	228.55
IMJBGPU	6 MJ C153 BLT GSKT PK L/ GLAND	7	32.450	EA	227.15
	----				
IVBATS16	16 SLIP VLV BX TOP SECT	7	53.660	EA	375.62
SNPR600	NON POP BLACK CHANDLER VLV BX LID	7	63.920	EA	447.44
IVBABS24	24 SLIP VLV BX BOT SECT	7	62.400	EA	436.80
SDC457BL	DEBRIS CAP F/ 461S TOP BLUE	7	79.290	EA	555.03
	----				
	SUBTOTAL				8948.17
	----				
	4" VALVE				
	----				
C263804211194009	4 DI MJ X FLG OL GATE VLV C515	2	692.540	EA	1385.08
ATSGAP	4 FF 1/8 TORUSEAL NSF61 FLG GSKT	2	9.010	EA	18.02
BP150A307BP	4 150# A307B FLG BLT KIT & N	2	8.530	EA	17.06
SSLDE4	4 DI MJ WDG REST GLND *ONELOK	2	27.760	EA	55.52
IMJBGPP	4 MJ C153 BLT GSKT PK L/ GLAND	2	25.920	EA	51.84
	----				



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Item	Description	Quantity	Net Price	UM	Total
IVBATS16	16 SLIP VLV BX TOP SECT	2	53.660	EA	107.32
IVBABS24	24 SLIP VLV BX BOT SECT	2	62.400	EA	124.80
SNPR600	NON POP BLACK CHANDLER VLV BX LID	2	63.920	EA	127.84
SDC457BL	DEBRIS CAP F/ 461S TOP BLUE	2	79.290	EA	158.58
----					
	SUBTOTAL				2046.06
----					
----					
----					
	FIRE HYDRANT WITH 6" DIP				
----					
MJFTLAU	6 MJXFLG C153 TEE L/A	1	192.780	EA	192.78
MJTLAU	6 MJ C153 TEE L/A	1	167.400	EA	167.40
FTU	6 DI 125# C110 FLG TEE	3	369.600	EA	1108.80
MJTLAXU	8X6 MJ C153 TEE L/A	1	211.200	EA	211.20
MJFTLAXU	8X6 MJXFLG C153 TEE L/A	1	289.640	EA	289.64
MJFTLA12U	12X6 MJXFLG C153 TEE L/A	6	445.500	EA	2673.00
MJFALAU	6 MJXFLG C153 ADPT L/A	6	93.420	EA	560.52
AGOACBEU24	6X24 GRADELOK SWVL X MJ *X	1	867.280	EA	867.28
MJ9LAU	6 MJ C153 90 BEND L/A	3	116.640	EA	349.92
MJF9LAU	6 MJXFLG C153 90 BEND L/A	1	178.080	EA	178.08
SSLDE12	12 DI MJ WDG REST GLND *ONELOK	12	105.960	EA	1271.52
IMJBGP12	12 MJ C153 BLT GSKT PK L/ GLAND	12	50.020	EA	600.24
SSLDE8	8 DI MJ WDG REST GLND *ONELOK	4	49.070	EA	196.28
IMJBGPX	8 MJ C153 BLT GSKT PK L/ GLAND	4	35.280	EA	141.12
SSLDE6	6 DI MJ WDG REST GLND *ONELOK	49	32.650	EA	1599.85
IMJBGPU	6 MJ C153 BLT GSKT PK L/ GLAND	49	32.450	EA	1590.05
----					
C263806211194009	6 DI MJ X FLG OL GATE VLV C515	11	925.660	EA	10182.26
C263806301194009	6 DI MJ OL GATE VLV C515	2	925.660	EA	1851.32
IVBATS16	16 SLIP VLV BX TOP SECT	13	53.660	EA	697.58
IVBABS24	24 SLIP VLV BX BOT SECT	13	62.400	EA	811.20
SNPR600	NON POP BLACK CHANDLER VLV BX LID	13	63.920	EA	830.96
SDC457BL	DEBRIS CAP F/ 461S TOP BLUE	13	79.290	EA	1030.77
----					
BP150A307BUX	6 - 8 150# A307B FLG BLT KIT *X	17	16.940	EA	287.98
ATSGAU	6 FF 1/8 TORUSEAL NSF61 FLG GSKT	17	11.340	EA	192.78
----					
	SUBTOTAL				27882.53
----					
----					
	6" TJ DIP				
----					
AFT350PU	6 CL350 CL DI FASTITE PIPE	220	24.990	FT	5497.80
AFGRGSKTU	6 FAST GRIP GSKT ACIPCO	1	95.630	EA	95.63
T3889961	20X308 POLYWRAP PERF 3 - 8 DIP	308	0.600	FT	184.80
TW12SLDUFBL500	12GA SLD COP UF WIRE BLUE 500	500	307.750	M	153.88
PSPWT210	2X100 10 MIL PIPE WRAP TAPE	3	6.000	EA	18.00
----	TAPE ABOVE				
----					
	SUBTOTAL				5950.11
----					
----					
CF2545514LAOLRNST	5-1/4 VO F2545 HYD 4'6 OL L/A NST	13	2965.380	EA	38549.94
PP68508	4-1/2 OUT OF SERV HYD DISK WH/RE	13	8.760	EA	113.88
----					
	SUBTOTAL				38663.82



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Fax: 602-262-4276

18:42:39 APR 06 2023

Reference No: B399258

Item	Description	Quantity	Net Price	UM	Total
	----				
	----				
	2" SERVICE				
	----				
F202B1438IP7	12X2 IP DBL STRP BRZ SDL DI/AC	3	306.250	EA	918.75
FFB5007NL	LF 2 MIP X MIP BALL CORP	3	320.380	EA	961.14
CFAK	2 WROT CXF ADPT	3	31.890	EA	95.67
CMAK	2 WROT CXM ADPT	3	25.410	EA	76.23
FBFA13777WNL	LF 2 FIP X MTR FLG ANG BV LW	3	324.050	EA	972.15
CCMB4	#4 CONC MTR BX	3	108.490	EA	325.47
O20304002	4 PLYMR MTR BX CVR CHANDLER *X	3	202.970	EA	608.91
	----				
KHARDK20	2 X 20 K HARD COP TUBE	80	1918.450	C	1534.76
C4K	2 WROT CXC 45 ELL 2-1/8 OD	3	21.350	EA	64.05
C9K	2 WROT CXC 90 ELL 2-1/8 OD	7	23.010	EA	161.07
	----				
	SUBTOTAL				5718.20
	----				
	PRIVATE SIDE TIE-IN				
	----				
M431T08LF	LF 2 BRZ OVAL METER FLG	3	48.060	EA	144.18
GH4197G	2 RUB FF MTR GSKT	3	1.147	EA	3.44
MPBNSJK	1-1/2 - 2 MTR PLT N&B SET	3	1.687	EA	5.06
CMAK	2 WROT CXM ADPT	3	25.410	EA	76.23
C9K	2 WROT CXC 90 ELL 2-1/8 OD	5	23.010	EA	115.05
KHARDK20	2 X 20 K HARD COP TUBE	60	1918.450	C	1151.07
	----				
	SUBTOTAL				1495.03
	----				
	2" WATER SERVICE TIE-IN				
	NO METER BOX				
	----				
F202B1438IP7	12X2 IP DBL STRP BRZ SDL DI/AC	2	306.250	EA	612.50
KHARDK20	2 X 20 K HARD COP TUBE	80	1918.450	C	1534.76
C4K	2 WROT CXC 45 ELL 2-1/8 OD	6	21.350	EA	128.10
C9K	2 WROT CXC 90 ELL 2-1/8 OD	2	23.010	EA	46.02
CCK	2 WROT CXC COUP 2-1/8 OD	2	11.570	EA	23.14
	----				
	SUBTOTAL				2344.52
	----				
	1-1/2" SERVICE				
	----				
F202B1320IP6	12X1-1/2 IP DBL STRP BRS SDL	12	300.830	EA	3609.96
FFB5006NL	LF 1-1/2 MIP X MIP BALL CORP ST	12	187.850	EA	2254.20
CMAJ	1-1/2 WROT CXM ADPT	12	15.020	EA	180.24
CFAJ	1-1/2 WROT CXF ADPT	12	23.460	EA	281.52
FBFA13666WNL	LF 1-1/2 FIP X MTR FLG ANG BV LW	12	324.130	EA	3889.56
CCMB4	#4 CONC MTR BX	12	108.490	EA	1301.88
O20304002	4 PLYMR MTR BX CVR CHANDLER *X	12	202.970	EA	2435.64
	----				
KHARDJ20	1-1/2 X 20 K HARD COP TUBE	360	1361.810	C	4902.52
C4J	1-1/2 WROT CXC 45 ELL 1-5/8 OD	14	12.790	EA	179.06
C9J	1-1/2 WROT CXC 90 ELL 1-5/8 OD	18	12.640	EA	227.52
CCJ	1-1/2 WROT CXC COUP W/ STOP	14	6.940	EA	97.16
	----				
	SUBTOTAL				19359.26



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Fax: 602-262-4276

18:42:39 APR 06 2023

Reference No: B399258

Item	Description	Quantity	Net Price	UM	Total
	----				
	PRIVATE SIDE TIE-IN				
	----				
M431T07LF	LF 1-1/2 BRZ OVAL METER FLG	12	44.390	EA	532.68
MPBNSJK	1-1/2 - 2 MTR PLT N&B SET	12	1.687	EA	20.24
CMAJ	1-1/2 WROT CXM ADPT	12	15.020	EA	180.24
C9J	1-1/2 WROT CXC 90 ELL 1-5/8 OD	18	12.640	EA	227.52
KHARDJ20	1-1/2 X 20 K HARD COP TUBE	120	1361.810	C	1634.17
	----				
	SUBTOTAL				2594.85
	----				
	1-1/2 SERVICE TO EXISTING				
	----				
F202B1320IP6	12X1-1/2 IP DBL STRP BRS SDL	1	300.830	EA	300.83
FFB5006NL	LF 1-1/2 MIP X MIP BALL CORP ST	1	187.850	EA	187.85
FBFA13666WNL	LF 1-1/2 FIP X MTR FLG ANG BV LW	1	324.130	EA	324.13
KHARDJ20	1-1/2 X 20 K HARD COP TUBE	60	1361.810	C	817.09
C9J	1-1/2 WROT CXC 90 ELL 1-5/8 OD	3	12.640	EA	37.92
C4J	1-1/2 WROT CXC 45 ELL 1-5/8 OD	1	12.790	EA	12.79
CCJ	1-1/2 WROT CXC COUP W/ STOP	1	6.940	EA	6.94
	----				
	SUBTOTAL				1687.55
	----				
	1" WATER SERVICE				
	----				
F202B1438IP4	12X1 IP DBL STRP BRZ SDL DI/AC	5	266.720	EA	1333.60
FFB11004NL	LF 1 MIP X CTS PJ BALL CORP ST	5	91.340	EA	456.70
KSOFTG100	1 X 100 K SOFT COP TUBE	200	1002.550	C	2005.10
FBA43444WNL	LF 1 CTS X MTR ANG BV	5	163.490	EA	817.45
CCMB2	#2 CONC MTR BX	5	45.000	EA	225.00
O14224002	2 PLYMR MTR BX CVR CHANDLER *X	5	146.290	EA	731.45
	----				
	SUBTOTAL				5569.30
	----				
	PRIVATE SIDE TIE-IN				
	----				
M433T05LF	LF 1 WTR MTR COUP	5	11.680	EA	58.40
KSOFTG60	1 X 60 K SOFT COP TUBE	60	1002.550	C	601.53
FC4444NL	LF 1 CTS X CTS COMP COUP	5	29.980	EA	149.90
	----				
	SUBTOTAL				809.83
	----				
	1" WATER SERVICE TIE-IN				
	NO METER BOX				
	----				
F202B1438IP4	12X1 IP DBL STRP BRZ SDL DI/AC	1	266.720	EA	266.72
FFB11004QNL	LF 1 MIP X CTS QJ BALL CORP ST	1	91.340	EA	91.34
KSOFTG60	1 X 60 K SOFT COP TUBE	60	1002.550	C	601.53
FC4444NL	LF 1 CTS X CTS COMP COUP	1	29.980	EA	29.98
FBA43444WNL	LF 1 CTS X MTR ANG BV	1	163.490	EA	163.49
	----				
	SUBTOTAL				1153.06
	----				



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Reference No: B399258

Item	Description	Quantity	Net Price	UM	Total
	2" RP BACKFLOW ASSEMBLY				
	----				
WLF009M2QTFSK	2 LF RPZ BFP ASSY	1	920.320	EA	920.32
CMAK	2 WROT CXM ADPT	2	25.410	EA	50.82
KHARDK20	2 X 20 K HARD COP TUBE	20	1918.450	C	383.69
C9K	2 WROT CXC 90 ELL 2-1/8 OD	4	23.010	EA	92.04
CUK	LF 2 WROT CXC UNION	1	91.410	EA	91.41
BGS3	1/2 - 2 PWDR COAT MTL ENC	1	464.760	EA	464.76
	----				
	SUBTOTAL				2003.04
	----				
	1-1/2 RP BF ASSEMBLY				
	----				
WLF009M2QTFSJ	1 1/2 LF RPZ BFP ASSY	3	735.830	EA	2207.49
CMAJ	1-1/2 WROT CXM ADPT	6	15.020	EA	90.12
KHARDJ20	1-1/2 X 20 K HARD COP TUBE	60	1361.810	C	817.09
C9J	1-1/2 WROT CXC 90 ELL 1-5/8 OD	12	12.640	EA	151.68
CUJ	LF 1-1/2 WROT CXC UNION	3	53.630	EA	160.89
BGS2	1-1/4 - 1-1/2 PWDR COAT MTL ENC	3	402.840	EA	1208.52
	----				
	SUBTOTAL				4635.79
	----				
	1" RP BACKFLOW ASSEMBLY				
	----				
WLF009M2QTFSG	1 LF RPZ BFP ASSY	3	379.080	EA	1137.24
CMAG	1 WROT CXM ADPT	14	8.920	EA	124.88
KSOFTG60	1 X 60 K SOFT COP TUBE	60	1002.550	C	601.53
C9G	1 WROT CXC 90 ELL 1-1/8 OD	12	5.470	EA	65.64
CUG	LF 1 WROT CXC UNION	3	22.620	EA	67.86
BGS1	3/4 - 1 PWDR COAT MTL ENC	3	418.980	EA	1256.94
	----				
	SUBTOTAL				3254.09
	----				
	6" RP BACKFLOW COC C-315				
	----				
W957OSYU	*NLA LF 6 RPZ 957 ASSYOS&Y	2	5225.870	EA	10451.74
FFPUU	6X6'0 FLGXFLG CL BT DI SPL	4	983.400	EA	3933.60
FFPUP	6X4'0 FLGXFLG CL BT DI SPL	4	781.800	EA	3127.20
F9U	6 DI 125# C110 FLG 90 BEND	8	203.040	EA	1624.32
MJFALAU	6 MJXFLG C153 ADPT L/A	4	93.420	EA	373.68
BP150A307BUX	6 - 8 150# A307B FLG BLT KIT *X	20	16.940	EA	338.80
ATSGAU	6 FF 1/8 TORUSEAL NSF61 FLG GSKT	20	11.340	EA	226.80
SSLDE6	6 DI MJ WDG REST GLND *ONELOK	4	32.650	EA	130.60
IMJBGPU	6 MJ C153 BLT GSKT PK L/ GLAND	4	32.450	EA	129.80
PPS100S	PIPE SUPP W/ 1 RSR & SDL MNT	4	71.990	EA	287.96
	----				
SP-QE7.0	CLAMSHELL - 2 PIECE - 30"W X 48"H X	2	2200.000	EA	4400.00
	----				
	SUBTOTAL				25024.50
	----				
	4" RP BACKFLOW COC C-315				
	----				
W957OSYP	*NLA LF 4 RPZ 957 ASSY OS&Y	1	2839.210	EA	2839.21
FFPPU	4X6'0 FLGXFLG CL BT DI SPL	2	801.600	EA	1603.20



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Reference No: B399258

Item	Description	Quantity	Net Price	UM	Total
FFPPP	4X4'0 FLGXFLG CL BT DI SPL	2	633.600	EA	1267.20
F9P	4 DI 125# C110 FLG 90 BEND	4	131.220	EA	524.88
MJFALAP	4 MJXFLG C153 ADPT L/A	2	68.040	EA	136.08
BP150A307BP	4 150# A307B FLG BLT KIT & N	10	8.530	EA	85.30
ATSGAP	4 FF 1/8 TORUSEAL NSF61 FLG GSKT	10	9.010	EA	90.10
SSLDE4	4 DI MJ WDG REST GLND *ONELOK	2	27.760	EA	55.52
IMJBGPP	4 MJ C153 BLT GSKT PK L/ GLAND	2	25.920	EA	51.84
PPS100S	PIPE SUPP W/ 1 RSR & SDL MNT	2	71.990	EA	143.98
----					
SP-QE5	QE-5.0 24W X 40H X 63L TAN CAGE	1	1227.140	EA	1227.14
----					
	SUBTOTAL				8024.45
----					
AIR RELEASE C-319					
----					
F202B1438IP7	12X2 IP DBL STRP BRZ SDL DI/AC	2	306.250	EA	612.50
FFB5007NL	LF 2 MIP X MIP BALL CORP	2	320.380	EA	640.76
KHARDK20	2 X 20 K HARD COP TUBE	60	1918.450	C	1151.07
C9K	2 WROT CXC 90 ELL 2-1/8 OD	6	23.010	EA	138.06
CCK	2 WROT CXC COUP 2-1/8 OD	1	11.570	EA	11.57
FFB11007NL	LF 2 MIP X CTS PJ BALL CORP	2	392.760	EA	785.52
GBRNKU	LF 2X6 BRS NIP GBL	2	34.630	EA	69.26
IBRLFS9K	LF 2 BRS ST 90 ELL	2	53.270	EA	106.54
AD040K	2 COMB AIR RELEASE VLV	2	647.260	EA	1294.52
P80SF9K	2 PVC S80 SXF 90 ELL	4	24.170	EA	96.68
P80NKCL	2XCLOSE PVC S80 NIP	2	5.690	EA	11.38
AD040BUGSCREEN2	2 D040 BUG SCRIN *Z	2	42.880	EA	85.76
CCMB4	#4 CONC MTR BX	4	108.490	EA	433.96
O20304002	4 PLYMR MTR BX CVR CHANDLER *X	2	202.970	EA	405.94
TOTAL					975979.71
----					
ADDERD					
----					
K86054033416	12 HYMAX 2 OS REP COUP 13.15-14.41	9	870.590	EA	7835.31
K86054021716	8 HYMAX 2 REP COUP 8.54-9.84	9	479.260	EA	4313.34
K86054016316	6 HYMAX 2 REP COUP 6.42-7.68	5	424.490	EA	2122.45
AFT350P12	12 CL350 CL DI FASTITE PIPE	20	50.430	FT	1008.60
AFT350PU	6 CL350 CL DI FASTITE PIPE	20	24.990	FT	499.80
AFT350PX	8 CL350 CL DI FASTITE PIPE	20	32.910	FT	658.20
IGNK12	2X12 GALV STL NIP	23	37.740	EA	868.02
IGCAPK	2 GALV MI 150# CAP	23	12.630	EA	290.49
IGS9K	2 GALV MI 150# ST 90 ELL	23	32.310	EA	743.13
FNWX410CK	LF 2 BRS 600# WOG THRD 2PC FP BV	23	93.560	EA	2151.88
----					
	SUBTOTAL				20491.22
----					
Net Total:					\$996470.93



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**Reference No:** B399258

Quoted prices are based upon receipt of the total quantity for immediate shipment (48 hours). SHIPMENTS BEYOND 48 HOURS SHALL BE AT THE PRICE IN EFFECT AT TIME OF SHIPMENT UNLESS NOTED OTHERWISE. QUOTES FOR PRODUCTS SHIPPED FOR RESALE ARE NOT FIRM UNLESS NOTED OTHERWISE.

CONTACT YOUR SALES REPRESENTATIVE IMMEDIATELY FOR ASSISTANCE WITH DBE/MBE/WBE/SMALL BUSINESS REQUIREMENTS.

Seller not responsible for delays, lack of product or increase of pricing due to causes beyond our control, and/or based upon Local, State and Federal laws governing type of products that can be sold or put into commerce. This Quote is offered contingent upon the Buyer's acceptance of Seller's terms and conditions, which are incorporated by reference and found either following this document, or on the web at <https://www.ferguson.com/content/website-info/terms-of-sale>  
Govt Buyers: All items are open market unless noted otherwise.

LEAD LAW WARNING: It is illegal to install products that are not "lead free" in accordance with US Federal or other applicable law in potable water systems anticipated for human consumption. Products with \*NP in the description are NOT lead free and can only be installed in non-potable applications. Buyer is solely responsible for product selection.

COVID-19 ORDER: ANY REFERENCE TO OR INCORPORATION OF EXECUTIVE ORDER 14042 AND/OR THE EO-IMPLEMENTING FEDERAL CLAUSES (FAR 52.223-99 AND/OR DFARS 252.223-7999) IS EXPRESSLY REJECTED BY SELLER AND SHALL NOT APPLY AS SELLER IS A MATERIALS SUPPLIER AND THEREFORE EXEMPT UNDER THE EXECUTIVE ORDER.

Buyer shall accept delivery of products within 60 days of Seller receiving the products at Seller's warehouse. If Buyer causes or requests a delay in delivery of the products, Buyer may be subject to storage fees and additional costs caused by such delay. Seller reserves the right to requote the products and reschedule the delivery date, subject to manufacturer's lead times and price increases, if Buyer is unable to accept delivery within 60 days.

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Fullerform Systems Inc.  
24 East Pioneer St.  
PHOENIX, AZ 85040  
Phone (602) 268-5701



## Quotation

EXPIRATION DATE	QUOTE NUMBER
05/03/2023	S100019704
Fullerform Systems Inc. 24 East Pioneer St. PHOENIX, AZ 85040 Phone (602) 268-5701	
PAGE NO. 1 of 26	

QUOTE TO:

SHIP TO:

B&F CONTRACTING, INC  
11011 N. 23RD AVENUE  
PHOENIX, AZ 85029

B&F CONTRACTING, INC  
11011 N. 23RD AVENUE  
PHOENIX, AZ 85029

CUSTOMER NUMBER	CUSTOMER PO NUMBER	JOB NAME / RELEASE NUMBER	SALESPERSON	
129	Chandler Blvd Dobson Rd		JJ PARKINSON	
WRITER	SHIP VIA	TERMS	SHIP DATE	FREIGHT ALLOWED
JJ PARKINSON		1% disc 20 days, Net 30	04/03/2023	No
ORDER QTY	DESCRIPTION		UNIT PRICE	EXT PRICE
	Project: Chandler Blvd Dobson Rd to Chippements Place Spec: City of Chandler Bid Date: 4/3/2023 Pricing Valid: 30 Days			
	12" DIP WATER			
6876ft	12TR350 12" TR FLEX DIP CL350		69.169/ft	475602.61
	Subtotal -----			475602.61
	12" Fittings			
7ea	3DT-BLUE / 3DT-WATER 1000' ROLL OF DETECTABLE WATER TAPE BLUE		37.833/ea	264.83
15ea	14UF BLUE WIRE X 500		76.667/ea	1150.00
50ea	PWTAPE / TA-33-PW21 POLYTAPE 2" X 100' X 10 MIL		5.950/ea	297.50
23ea	27"X340', BLACK, POLYWRAP PERF 20' (10-12")    10-12" BLACK		203.547/ea	4681.57
50ea	PWTAPE / TA-33-PW21 POLYTAPE 2" X 100' X 10 MIL		5.950/ea	297.50
8ea	FTD1212 12" FLANGE TEE		1149.444/ea	9195.55

\*\* Continued on Next Page \*\*



# Quotation

EXPIRATION DATE	QUOTE NUMBER	PAGE NO.
05/03/2023	S100019704	2 of 26

ORDER QTY	DESCRIPTION	UNIT PRICE	EXT PRICE
1ea	MJFT1212 12" MJ X FLANGE TEE	746.769/ea	746.77
1ea	MJT1212 12" MJ TEE	525.525/ea	525.53
2ea	MJT1208 12" X 8" MJ TEE	410.069/ea	820.14
2ea	MJFT1208 12" MJ X 8" FLANGE TEE	520.975/ea	1041.95
2ea	FTD1208 12" X 8" FLANGE TEE	956.069/ea	1912.14
1ea	MJFT1206 12" MJ X 6" FLANGE TEE	469.219/ea	469.22
4ea	MJFA12 12" MJ X FLANGE ADAPTER	328.169/ea	1312.68
3ea	MJB2212 12" MJ 22-1/2 DEG BEND	273.569/ea	820.71
17ea	MJB4512 12" MJ 45 DEG BEND	312.813/ea	5317.81
6ea	MJSL12 12" MJ SOLID SLEEVE (LONG)	288.356/ea	1730.14
74ea	SGDP12 / 113850 12" DIP STARGRIP SERIES 3000 / TYLER SERIES 1000 TUFGRIP	108.369/ea	8019.29
74ea	MJBGAS12 12" MEGA LUG GASKET & BOLT KIT	35.263/ea	2609.43
1ea	SGDP08 / 113836 8" DIP STARGRIP SERIES 3000 / TYLER SERIES 1000 TUFGRIP	50.184/ea	50.18
1ea	MJBGAS08 8" MEGA LUG GASKET & BOLT KIT	25.594/ea	25.59
4ea	1012BN 10"-12" BOLT&NUT SET (12EA) 7/8" X 3-3/4" A307A ZINC    10"-12"BN	40.900/ea	163.60
4ea	12GASKET 12" FULL FACE 1/8" NEOPRENE GASKET	10.800/ea	43.20
	Subtotal -----		41495.33
	12" PC-350 TJ DIP -----		
1404ft	12TJ350 12" TJ DIP CL350    12DIP350	49.979/ft	70170.52
	Subtotal -----		70170.52

\*\* Continued on Next Page \*\*



# Quotation

EXPIRATION DATE	QUOTE NUMBER	PAGE NO.
05/03/2023	S100019704	3 of 26

ORDER QTY	DESCRIPTION	UNIT PRICE	EXT PRICE
	12" Fittings -----		
3ea	3DT-BLUE / 3DT-WATER 1000' ROLL OF DETECTABLE WATER TAPE BLUE	37.833/ea	113.50
4ea	14UF BLUE WIRE X 500	76.667/ea	306.67
20ea	PWTAPE / TA-33-PW21 POLYTAPE 2" X 100' X 10 MIL	5.950/ea	119.00
	.		
5ea	27"X340', BLACK, POLYWRAP PERF 20' (10-12")    10-12" BLACK	203.547/ea	1017.73
	Subtotal -----		1556.90
	8" DIP RJ -----		
378ft	8TR350 8" TR FLEX DIP CL350	44.474/ft	16811.06
	Subtotal -----		16811.06
	8" Fittings -----		
1ea	14UF BLUE WIRE X 500	76.667/ea	76.67
5ea	PWTAPE / TA-33-PW21 POLYTAPE 2" X 100' X 10 MIL	5.950/ea	29.75
	.		
1ea	MJT1208 12" X 8" MJ TEE	410.069/ea	410.07
1ea	FTD1208 12" X 8" FLANGE TEE	956.069/ea	956.07
3ea	MJFT1208 12" MJ X 8" FLANGE TEE	520.975/ea	1562.93
1ea	MJT0806 8" X 6" MJ TEE	218.400/ea	218.40
3ea	MJFT0806 8" MJ X 6" FLANGE TEE	245.131/ea	735.39
1ea	MJR0806 8" X 6" MJ REDUCER	104.081/ea	104.08
1ea	MJFA08 8" MJ X FLANGE ADAPTER	147.875/ea	147.88
1ea	68BN 6"-8" BOLT&NUT SET (8EA) 3/4" X 3-1/4" A307A ZINC    6"-8"BN	15.700/ea	15.70

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# Quotation

EXPIRATION DATE	QUOTE NUMBER	PAGE NO.
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ORDER QTY	DESCRIPTION	UNIT PRICE	EXT PRICE
1ea	8GASKET 8" FULL FACE 1/8" NEOPRENE GASKET	5.340/ea	5.34
8ea	SGDP12 / 113850 12" DIP STARGRIP SERIES 3000 / TYLER SERIES 1000 TUFGRIP	108.369/ea	866.95
8ea	MJBGAS12 12" MEGA LUG GASKET & BOLT KIT	35.263/ea	282.10
10ea	SGDP08 / 113836 8" DIP STARGRIP SERIES 3000 / TYLER SERIES 1000 TUFGRIP	50.184/ea	501.84
11ea	MJBGAS08 8" MEGA LUG GASKET & BOLT KIT	25.594/ea	281.53
3ea	MJP08T 8" X 2" MJ TAPPED PLUG	126.831/ea	380.49
1ea	MJSL08 8" MJ SOLID SLEEVE (LONG)	179.156/ea	179.16
	Subtotal -----		6754.35
	16" Tie-In -----		
4ea	FTD1608 16" X 8" FLANGE TEE	1593.069/ea	6372.28
2ea	MJSL16 16" MJ SOLID SLEEVE (LONG)	551.119/ea	1102.24
1ea	MJFA16 16" MJ X FLANGE ADAPTER	594.913/ea	594.91
18ft	16TJ250 16" TJ DIP CL250    16DIP250	74.065/ft	1333.18
1ea	2516-1 FxMJ 16" FL X MJ GATE VALVE 2516-1 NRS W/ 2" OP NUT	7755.435/ea	7755.43
6ea	SGDP16 / 113874 16" DIP STARGRIP SERIES 3000 / TYLER SERIES 1000 TUFGRIP	205.295/ea	1231.77
6ea	MJBGAS16 16" MEGA LUG GASKET & BOLT KIT	55.738/ea	334.43
2ea	16BN 16" BOLT&NUT SET (16EA) 1" X 4-1/2" A307A    16"BN	73.240/ea	146.48
2ea	16GASKET 16" FULL FACE 1/8" NEOPRENE GASKET	15.420/ea	30.84
1ea	VB-TOP-16" 562A/564A 16" VALVE BOX TOP	72.500/ea	72.50

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# Quotation

EXPIRATION DATE	QUOTE NUMBER	PAGE NO.
05/03/2023	S100019704	5 of 26

ORDER QTY	DESCRIPTION	UNIT PRICE	EXT PRICE
1ea	VB-LID-LV 562A/564A VALVE BOX LID LONG VANES (4" VANES LAS VEGAS / AVONDALE)	41.875/ea	41.88
1ea	VB-BOT-24" 562A 24" VALVE BOX BOTTOM	72.500/ea	72.50
1ea	DC457-BLUE BLUE 562A DEBRIS CAP	64.667/ea	64.67
	Subtotal -----		19153.11
	Temp Cap For Testing -----		
1ea	MJC08T 8" X 2" MJ TAPPED CAP	111.475/ea	111.48
2ea	2" GALV STREET 90 BEND    ZMGLST9008	15.800/ea	31.60
1ea	2" X 6" GALV NIPPLE    ZNG086	9.345/ea	9.34
1ea	514T08LF 2" IPS THREADED BRASS GATE VALVE	53.742/ea	53.74
1ea	SGDP08 / 113836 8" DIP STARGRIP SERIES 3000 / TYLER SERIES 1000 TUFGRIP	50.184/ea	50.18
1ea	MJBGAS08 8" MEGA LUG GASKET & BOLT KIT	25.594/ea	25.59
	Subtotal -----		281.93
	6" PC-350 DIP -----		
234ft	6TR350 6" TR FLEX DIP CL350	33.926/ft	7938.78
	Subtotal -----		7938.78
	6" Fittings -----		
1ea	3DT-BLUE / 3DT-WATER 1000' ROLL OF DETECTABLE WATER TAPE BLUE	37.833/ea	37.83
1ea	14UF BLUE WIRE X 500	76.667/ea	76.67
1ea	PWTAPE / TA-33-PW21 POLYTAPE 2" X 100' X 10 MIL	5.950/ea	5.95
	.		

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# Quotation

EXPIRATION DATE	QUOTE NUMBER	PAGE NO.
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ORDER QTY	DESCRIPTION	UNIT PRICE	EXT PRICE
1ea	20"X340', BLACK, POLYWRAP PERF 20' (6-8")    6-8" BLACK	150.960/ea	150.96
5ea	PWTAPE / TA-33-PW21 POLYTAPE 2" X 100' X 10 MIL	5.950/ea	29.75
4ea	MJFT1206 12" MJ X 6" FLANGE TEE	469.219/ea	1876.88
6ea	MJB9006 6" MJ 90 DEG BEND	122.850/ea	737.10
3ea	MJC06T 6" X 2" MJ TAPPED CAP	80.194/ea	240.58
9ea	SGDP12 / 113850 12" DIP STARGRIP SERIES 3000 / TYLER SERIES 1000 TUFGRIP	108.369/ea	975.32
9ea	MJBGAS12 12" MEGA LUG GASKET & BOLT KIT	35.263/ea	317.36
5ea	SGDP06 / 113829 6" DIP STARGRIP SERIES 3000 / TYLER SERIES 1000 TUFGRIP	33.395/ea	166.98
5ea	MJBGAS06 6" MEGA LUG GASKET & BOLT KIT	22.750/ea	113.75
Subtotal -----			4729.13
4" Pipe			
54ft	4TJ350 4" TJ DIP CL350    4DIP350	37.413/ft	2020.31
Subtotal -----			2020.31
4" Fittings			
2ea	MJFT1204 12" MJ X 4" FLANGE TEE	444.763/ea	889.53
4ea	SGDP12 / 113850 12" DIP STARGRIP SERIES 3000 / TYLER SERIES 1000 TUFGRIP	108.369/ea	433.48
4ea	MJBGAS12 12" MEGA LUG GASKET & BOLT KIT	35.263/ea	141.05
8ea	SGDP04 / 113812 4" DIP STARGRIP SERIES 3000 / TYLER SERIES 1000 TUFGRIP	28.395/ea	227.16
8ea	MJBGAS04 4" MEGA LUG GASKET & BOLT KIT	19.906/ea	159.25

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# Quotation

EXPIRATION DATE	QUOTE NUMBER	PAGE NO.
05/03/2023	S100019704	7 of 26

ORDER QTY	DESCRIPTION	UNIT PRICE	EXT PRICE
4ea	MJB9004 4" MJ 90 DEG BEND	75.075/ea	300.30
	Subtotal -----		2150.77
	Temp Cap for Testing -----		
2ea	MJC04T 4" X 2" MJ TAPPED CAP	58.581/ea	117.16
4ea	2" GALV STREET 90 BEND    ZMGLST9008	15.800/ea	63.20
2ea	2" X 6" GALV NIPPLE    ZNG086	9.345/ea	18.69
2ea	514T08LF 2" IPS THREADED BRASS GATE VALVE	53.742/ea	107.48
2ea	SGDP04 / 113812 4" DIP STARGRIP SERIES 3000 / TYLER SERIES 1000 TUFGRIP	28.395/ea	56.79
2ea	MJBGAS04 4" MEGA LUG GASKET & BOLT KIT	19.906/ea	39.81
	Subtotal -----		403.13
	12" Swing Tie-In At ACP -----		
4ea	242-1430 12" AC/SDR35/DIP/IPS MAXI COUPLING 12.50"-14.38"OD X 10" LONG	523.277/ea	2093.11
6ea	MJB4512 12" MJ 45 DEG BEND	312.813/ea	1876.88
2ea	MJB9012 12" MJ 90 DEG BEND	378.219/ea	756.44
16ea	SGDP12 / 113850 12" DIP STARGRIP SERIES 3000 / TYLER SERIES 1000 TUFGRIP	108.369/ea	1733.90
16ea	MJBGAS12 12" MEGA LUG GASKET & BOLT KIT	35.263/ea	564.20
	Subtotal -----		7024.53
	Temp Cap For Testing -----		

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# Quotation

EXPIRATION DATE	QUOTE NUMBER	PAGE NO.
05/03/2023	S100019704	8 of 26

ORDER QTY	DESCRIPTION	UNIT PRICE	EXT PRICE
3ea	MJC12T 12" X 2" MJ TAPPED CAP	183.138/ea	549.41
6ea	2" GALV STREET 90 BEND    ZMGLST9008	15.800/ea	94.80
3ea	2" X 6" GALV NIPPLE    ZNG086	9.345/ea	28.03
3ea	514T08LF 2" IPS THREADED BRASS GATE VALVE	53.742/ea	161.22
3ea	SGDP12 / 113850 12" DIP STARGRIP SERIES 3000 / TYLER SERIES 1000 TUFGRIP	108.369/ea	325.11
3ea	MJBGAS12 12" MEGA LUG GASKET & BOLT KIT	35.263/ea	105.79
	Subtotal -----		1264.36
	8" Swing Tie-In At ACP -----		
4ea	242-0960 8" AC/SDR35/DIP/IPS MAXI COUPLING 8.40"-9.75"OD X 10" LONG	335.125/ea	1340.50
1ea	242-0960 8" AC/SDR35/DIP/IPS MAXI COUPLING 8.40"-9.75"OD X 10" LONG	335.125/ea	335.12
	.		
8ea	MJB4508 8" MJ 45 DEG BEND	145.031/ea	1160.25
2ea	MJB9008 8" MJ 90 DEG BEND	177.450/ea	354.90
	.		
20ea	SGDP08 / 113836 8" DIP STARGRIP SERIES 3000 / TYLER SERIES 1000 TUFGRIP	50.184/ea	1003.68
20ea	MJBGAS08 8" MEGA LUG GASKET & BOLT KIT	25.594/ea	511.88
	Subtotal -----		4706.33
	Temp Cap For Testing -----		
6ea	MJC08T 8" X 2" MJ TAPPED CAP	111.475/ea	668.85
12ea	2" GALV STREET 90 BEND    ZMGLST9008	15.800/ea	189.60
6ea	2" X 6" GALV NIPPLE    ZNG086	9.345/ea	56.07

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# Quotation

EXPIRATION DATE	QUOTE NUMBER	PAGE NO.
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ORDER QTY	DESCRIPTION	UNIT PRICE	EXT PRICE
6ea	514T08LF 2" IPS THREADED BRASS GATE VALVE	53.742/ea	322.45
6ea	SGDP08 / 113836 8" DIP STARGRIP SERIES 3000 / TYLER SERIES 1000 TUFGRIP	50.184/ea	301.10
6ea	MJBGAS08 8" MEGA LUG GASKET & BOLT KIT	25.594/ea	153.56
	Subtotal -----		1691.63
	6" Swing Tie-In At ACP -----		
4ea	242-0760 6" AC/SDR35/DIP/IPS MAXI COUPLING 6.28"-7.60" X 10" LONG	263.058/ea	1052.23
1ea	242-0760 6" AC/SDR35/DIP/IPS MAXI COUPLING 6.28"-7.60" X 10" LONG	263.058/ea	263.06
6ea	MJB4506 6" MJ 45 DEG BEND	99.531/ea	597.19
5ea	MJB9006 6" MJ 90 DEG BEND	122.850/ea	614.25
22ea	SGDP06 / 113829 6" DIP STARGRIP SERIES 3000 / TYLER SERIES 1000 TUFGRIP	33.395/ea	734.69
22ea	MJBGAS06 6" MEGA LUG GASKET & BOLT KIT	22.750/ea	500.50
	Subtotal -----		3761.92
	Temp Cap for Testing -----		
4ea	MJC06T 6" X 2" MJ TAPPED CAP	80.194/ea	320.78
11ea	2" GALV STREET 90 BEND    ZMGLST9008	15.800/ea	173.80
4ea	2" X 6" GALV NIPPLE    ZNG086	9.345/ea	37.38
4ea	514T08LF 2" IPS THREADED BRASS GATE VALVE	53.742/ea	214.97
4ea	SGDP06 / 113829 6" DIP STARGRIP SERIES 3000 / TYLER SERIES 1000 TUFGRIP	33.395/ea	133.58
4ea	MJBGAS06 6" MEGA LUG GASKET & BOLT KIT	22.750/ea	91.00

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# Quotation

EXPIRATION DATE	QUOTE NUMBER	PAGE NO.
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ORDER QTY	DESCRIPTION	UNIT PRICE	EXT PRICE
	Subtotal -----		971.51
	4" Swing Tie-In At ACP -----		
1ea	242-0550 4" AC/DIP/SDR35/IPS MAXI COUPLING 4.22"-5.60"OD X 10" LONG	193.328/ea	193.33
1ea	MJR0604 6" X 4" MJ REDUCER	71.663/ea	71.66
1ea	SGDP06 / 113829 6" DIP STARGRIP SERIES 3000 / TYLER SERIES 1000 TUFGRIP	33.395/ea	33.40
1ea	MJBGAS06 6" MEGA LUG GASKET & BOLT KIT	22.750/ea	22.75
1ea	SGDP04 / 113812 4" DIP STARGRIP SERIES 3000 / TYLER SERIES 1000 TUFGRIP	28.395/ea	28.40
1ea	MJBGAS04 4" MEGA LUG GASKET & BOLT KIT	19.906/ea	19.91
	Subtotal -----		369.45
	Temp Cap For Testing -----		
1ea	MJC04T 4" X 2" MJ TAPPED CAP	58.581/ea	58.58
2ea	2" GALV STREET 90 BEND    ZMGLST9008	15.800/ea	31.60
1ea	2" X 6" GALV NIPPLE    ZNG086	9.345/ea	9.34
1ea	514T08LF 2" IPS THREADED BRASS GATE VALVE	53.742/ea	53.74
1ea	SGDP04 / 113812 4" DIP STARGRIP SERIES 3000 / TYLER SERIES 1000 TUFGRIP	28.395/ea	28.40
1ea	MJBGAS04 4" MEGA LUG GASKET & BOLT KIT	19.906/ea	19.91
	Subtotal -----		201.57
	Half Vert . Realignment Up or Down		

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# Quotation

EXPIRATION DATE	QUOTE NUMBER	PAGE NO.
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ORDER QTY	DESCRIPTION	UNIT PRICE	EXT PRICE
	-----		
2ea	12" Vert Realignment MJB2212	273.569/ea	547.14
14ea	12" MJ 22-1/2 DEG BEND MJB4512	312.813/ea	4379.38
32ea	12" MJ 45 DEG BEND SGDP12 / 113850	108.369/ea	3467.80
32ea	12" DIP STARGRIP SERIES 3000 / TYLER SERIES 1000 TUFGRIP MJBGAS12	35.263/ea	1128.40
	12" MEGA LUG GASKET & BOLT KIT		
10ea	8" Vert Realignment MJB4508	145.031/ea	1450.31
20ea	8" MJ 45 DEG BEND SGDP08 / 113836	50.184/ea	1003.68
16ea	8" DIP STARGRIP SERIES 3000 / TYLER SERIES 1000 TUFGRIP MJBGAS08	25.594/ea	409.50
	8" MEGA LUG GASKET & BOLT KIT		
4ea	6" Vert Realginment MJB4506	99.531/ea	398.13
	6" MJ 45 DEG BEND		
8ea	. SGDP06 / 113829	33.395/ea	267.16
4ea	6" DIP STARGRIP SERIES 3000 / TYLER SERIES 1000 TUFGRIP MJBGAS06	22.750/ea	91.00
	6" MEGA LUG GASKET & BOLT KIT		
	Subtotal -----		13142.50
	Full Vert. Realignment Up and Down -----		
18ea	12" Vert Realignment MJB4512	312.813/ea	5630.63
	12" MJ 45 DEG BEND		
36ea	. SGDP12 / 113850	108.369/ea	3901.28
	12" DIP STARGRIP SERIES 3000 / TYLER SERIES 1000 TUFGRIP		

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# Quotation

EXPIRATION DATE	QUOTE NUMBER	PAGE NO.
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ORDER QTY	DESCRIPTION	UNIT PRICE	EXT PRICE
36ea	MJBGAS12 12" MEGA LUG GASKET & BOLT KIT	35.263/ea	1269.45
	8" Vert Realignment		
16ea	MJB4508 8" MJ 45 DEG BEND	145.031/ea	2320.50
	.		
32ea	SGDP08 / 113836 8" DIP STARGRIP SERIES 3000 / TYLER SERIES 1000 TUFGRIP	50.184/ea	1605.88
32ea	MJBGAS08 8" MEGA LUG GASKET & BOLT KIT	25.594/ea	819.00
	6" Vert Realignment		
16ea	MJB4506 6" MJ 45 DEG BEND	99.531/ea	1592.50
	.		
32ea	SGDP06 / 113829 6" DIP STARGRIP SERIES 3000 / TYLER SERIES 1000 TUFGRIP	33.395/ea	1068.64
32ea	MJBGAS06 6" MEGA LUG GASKET & BOLT KIT	22.750/ea	728.00
	Subtotal -----		18935.88
	12" Valve		
	-----		
30ea	12" FL X MJ GATE VALVE 2512-1 NRS W/ 2" OP NUT	2460.234/ea	73807.01
11ea	12" MJ X MJ GATE VALVE 2512-1 NRS W/ 2" OP NUT	2577.408/ea	28351.48
30ea	1012BN 10"-12" BOLT&NUT SET (12EA) 7/8" X 3-3/4" A307A ZINC    10"-12"BN	40.900/ea	1227.00
30ea	12GASKET 12" FULL FACE 1/8" NEOPRENE GASKET	10.800/ea	324.00
52ea	SGDP12 / 113850 12" DIP STARGRIP SERIES 3000 / TYLER SERIES 1000 TUFGRIP	108.369/ea	5635.18
52ea	MJBGAS12 12" MEGA LUG GASKET & BOLT KIT	35.263/ea	1833.65
	.		
41ea	VB-TOP-16" 562A/564A 16" VALVE BOX TOP	72.500/ea	2972.50

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# Quotation

EXPIRATION DATE	QUOTE NUMBER	PAGE NO.
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ORDER QTY	DESCRIPTION	UNIT PRICE	EXT PRICE
41ea	VB-LID-LV 562A/564A VALVE BOX LID LONG VANES (4" VANES LAS VEGAS / AVONDALE)	41.875/ea	1716.88
41ea	VB-BOT-24" 562A 24" VALVE BOX BOTTOM	72.500/ea	2972.50
41ea	DC457-BLUE BLUE 562A DEBRIS CAP	64.667/ea	2651.33
2ea	8' VALVE STEM EXTENSION    VSE-8	440.700/ea	881.40
2ea	SMALL DIRT RING    SMALL DIRT RING	79.624/ea	159.25
4ea	VB-BOT-36" 564A 36" VALVE BOX BOTTOM	92.500/ea	370.00
	Subtotal -----		122902.18
	12" Permaseal Insertion Valve ----- *Permaseal Insertion Valves to be quoted by Tap Masters*		
6ea	VB-TOP-16" 562A/564A 16" VALVE BOX TOP	72.500/ea	435.00
6ea	VB-LID-LV 562A/564A VALVE BOX LID LONG VANES (4" VANES LAS VEGAS / AVONDALE)	41.875/ea	251.25
6ea	VB-BOT-24" 562A 24" VALVE BOX BOTTOM	72.500/ea	435.00
6ea	DC457-BLUE BLUE 562A DEBRIS CAP	64.667/ea	388.00
1ea	MJC12 12" MJ CAP	152.994/ea	152.99
1ea	SGDP12 / 113850 12" DIP STARGRIP SERIES 3000 / TYLER SERIES 1000 TUFGRIP	108.369/ea	108.37
1ea	MJBGAS12 12" MEGA LUG GASKET & BOLT KIT	35.263/ea	35.26
	Subtotal -----		1805.87
10ea	Thrust Block 12" Pipe ----- SGDP12 / 113850 12" DIP STARGRIP SERIES 3000 / TYLER SERIES 1000 TUFGRIP	108.369/ea	1083.69

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# Quotation

EXPIRATION DATE	QUOTE NUMBER	PAGE NO.
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ORDER QTY	DESCRIPTION	UNIT PRICE	EXT PRICE
	Subtotal -----		1083.69
8ea	Thrust Block 8" Pipe ----- SGDP08 / 113836 8" DIP STARGRIP SERIES 3000 / TYLER SERIES 1000 TUFGRIP	50.184/ea	401.47
	Subtotal -----		401.47
2ea	Thrust Block 6" Pipe ----- SGDP06 / 113829 6" DIP STARGRIP SERIES 3000 / TYLER SERIES 1000 TUFGRIP	33.395/ea	66.79
	Subtotal -----		66.79
7ea	8" Valve ----- 8" FL X MJ GATE VALVE 2508-1 NRS W/ 2" OP NUT	1311.139/ea	9177.97
3ea	8" MJ X MJ GATE VALVE 2508-1 NRS W/ 2" OP NUT	1335.522/ea	4006.57
7ea	68BN 6"-8" BOLT&NUT SET (8EA) 3/4" X 3-1/4" A307A ZINC    6"-8"BN	15.700/ea	109.90
7ea	8GASKET 8" FULL FACE 1/8" NEOPRENE GASKET	5.340/ea	37.38
13ea	SGDP08 / 113836 8" DIP STARGRIP SERIES 3000 / TYLER SERIES 1000 TUFGRIP	50.184/ea	652.39
13ea	MJBGAS08 8" MEGA LUG GASKET & BOLT KIT	25.594/ea	332.72
10ea	VB-TOP-16" 562A/564A 16" VALVE BOX TOP	72.500/ea	725.00
10ea	VB-LID-LV 562A/564A VALVE BOX LID LONG VANES (4" VANES LAS VEGAS / AVONDALE)	41.875/ea	418.75
10ea	VB-BOT-24" 562A 24" VALVE BOX BOTTOM	72.500/ea	725.00

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# Quotation

EXPIRATION DATE	QUOTE NUMBER	PAGE NO.
05/03/2023	S100019704	15 of 26

ORDER QTY	DESCRIPTION	UNIT PRICE	EXT PRICE
10ea	DC457-BLUE BLUE 562A DEBRIS CAP	64.667/ea	646.67
	Subtotal -----		16832.35
	6" Valve -----		
7ea	6" FL X MJ GATE VALVE 2506-1 NRS W/ 2" OP NUT	821.054/ea	5747.38
7ea	68BN 6"-8" BOLT&NUT SET (8EA) 3/4" X 3-1/4" A307A ZINC    6"-8"BN	15.700/ea	109.90
7ea	6GASKET 6" FULL FACE 1/8" NEOPRENE GASKET	4.000/ea	28.00
7ea	SGDP06 / 113829 6" DIP STARGRIP SERIES 3000 / TYLER SERIES 1000 TUFGRIP	33.395/ea	233.77
7ea	MJBGAS06 6" MEGA LUG GASKET & BOLT KIT	22.750/ea	159.25
7ea	VB-TOP-16" 562A/564A 16" VALVE BOX TOP	72.500/ea	507.50
7ea	VB-LID-LV 562A/564A VALVE BOX LID LONG VANES (4" VANES LAS VEGAS / AVONDALE)	41.875/ea	293.13
7ea	VB-BOT-24" 562A 24" VALVE BOX BOTTOM	72.500/ea	507.50
7ea	DC457-BLUE BLUE 562A DEBRIS CAP	64.667/ea	452.67
	Subtotal -----		8039.10
	4" Valve -----		
2ea	4" FL X MJ GATE VALVE 2504-1 NRS W/ 2" OP NUT	628.406/ea	1256.81
2ea	4BN 4" BOLT&NUT SET (8EA) 5/8" X 3" A307A ZINC    4BN	9.560/ea	19.12
2ea	4GASKET 4" FULL FACE 1/8" NEOPRENE GASKET	2.560/ea	5.12
2ea	SGDP04 / 113812 4" DIP STARGRIP SERIES 3000 / TYLER SERIES 1000 TUFGRIP	28.395/ea	56.79

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# Quotation

EXPIRATION DATE	QUOTE NUMBER	PAGE NO.
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ORDER QTY	DESCRIPTION	UNIT PRICE	EXT PRICE
2ea	MJBGAS04 4" MEGA LUG GASKET & BOLT KIT	19.906/ea	39.81
2ea	VB-TOP-16" 562A/564A 16" VALVE BOX TOP	72.500/ea	145.00
2ea	VB-LID-LV 562A/564A VALVE BOX LID LONG VANES (4" VANES LAS VEGAS / AVONDALE)	41.875/ea	83.75
2ea	VB-BOT-24" 562A 24" VALVE BOX BOTTOM	72.500/ea	145.00
2ea	DC457-BLUE BLUE 562A DEBRIS CAP	64.667/ea	129.33
	Subtotal -----		1880.73
	Fire Hydrant With 6" DIP Run -----		
1ea	MJFT0606 6" MJ X FLANGE TEE	203.044/ea	203.04
1ea	MJT0606 6" MJ TEE	176.313/ea	176.31
3ea	FTD0606 6" FLANGE TEE	312.813/ea	938.44
1ea	MJT0806 8" X 6" MJ TEE	218.400/ea	218.40
1ea	MJFT0806 8" MJ X 6" FLANGE TEE	245.131/ea	245.13
5ea	MJFT1206 12" MJ X 6" FLANGE TEE	469.219/ea	2346.09
1ea	MJFT1206 12" MJ X 6" FLANGE TEE	469.219/ea	469.22
6ea	MJFA06 6" MJ X FLANGE ADAPTER	98.394/ea	590.36
1ea	MJOH0624 6" X 24" MJ X SWIVEL OFFSET (GRADELOK)	654.650/ea	654.65
3ea	MJB9006 6" MJ 90 DEG BEND	122.850/ea	368.55
1ea	MJFB9006 6" MJ X FLANGE 90 DEG BEND	150.719/ea	150.72
12ea	SGDP12 / 113850 12" DIP STARGRIP SERIES 3000 / TYLER SERIES 1000 TUFGRIP	108.369/ea	1300.43
12ea	MJBGAS12 12" MEGA LUG GASKET & BOLT KIT	35.263/ea	423.15

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# Quotation

EXPIRATION DATE	QUOTE NUMBER	PAGE NO.
05/03/2023	S100019704	17 of 26

ORDER QTY	DESCRIPTION	UNIT PRICE	EXT PRICE
4ea	SGDP08 / 113836 8" DIP STARGRIP SERIES 3000 / TYLER SERIES 1000 TUFGRIP	50.184/ea	200.74
4ea	MJBGAS08 8" MEGA LUG GASKET & BOLT KIT	25.594/ea	102.38
49ea	SGDP06 / 113829 6" DIP STARGRIP SERIES 3000 / TYLER SERIES 1000 TUFGRIP	33.395/ea	1636.36
49ea	MJBGAS06 6" MEGA LUG GASKET & BOLT KIT	22.750/ea	1114.75
11ea	6" FL X MJ GATE VALVE 2506-1 NRS W/ 2" OP NUT	821.054/ea	9031.60
2ea	6" MJ X MJ GATE VALVE 2506-1 NRS W/ 2" OP NUT	821.054/ea	1642.11
13ea	VB-TOP-16" 562A/564A 16" VALVE BOX TOP	72.500/ea	942.50
13ea	VB-LID-LV 562A/564A VALVE BOX LID LONG VANES (4" VANES LAS VEGAS / AVONDALE)	41.875/ea	544.38
13ea	VB-BOT-24" 562A 24" VALVE BOX BOTTOM	72.500/ea	942.50
13ea	DC457-BLUE BLUE 562A DEBRIS CAP	64.667/ea	840.67
11ea	68BN 6"-8" BOLT&NUT SET (8EA) 3/4" X 3-1/4" A307A ZINC    6"-8"BN	15.700/ea	172.70
11ea	6GASKET 6" FULL FACE 1/8" NEOPRENE GASKET	4.000/ea	44.00
216ft	6TJ350 6" TJ DIP CL350    6DIP350	24.769/ft	5350.00
1ea	6" FIELD LOK GASKET    60102	81.259/ea	81.26
13ea	4'6"HYD-NST 4'6" WATEROUS HYDRANT SGC W/ 6" MJ SHOE 2EA 2-1/2"NST HOSE NOZZLES & 1EA 4-1/2"NST PUMPER	2596.842/ea	33758.95
13ea	HOS35-1 4-1/2" PUMPER HYDRANT OUT SERVICE RING (RED) HOS35-1	10.000/ea	130.00
Subtotal -----			64619.39
2" Service			

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# Quotation

EXPIRATION DATE	QUOTE NUMBER	PAGE NO.
05/03/2023	S100019704	18 of 26

ORDER QTY	DESCRIPTION	UNIT PRICE	EXT PRICE
3ea	12" X 2" DOUBLE STRAP BRONZE SADDLE FOR DIP    3826 12X2	304.018/ea	912.06
3ea	2" MIP X FIP BALL CORP NO LEAD    73149B-2	335.193/ea	1005.58
6ea	2" COPPER MALE ADAPTER (MPT X CU)    CCMA0200	14.662/ea	87.97
3ea	2" AMS FNPT X METER W/ LOCKWING NO LEAD    74604B-2-NL	400.202/ea	1200.61
3ea	#4 CONCRETE METER BOX OUTSIDE DIMENSION 22-3/4"x33-1/2"x12"	85.663/ea	256.99
3ea	A6001852-MAG4-H9 #4 POLYMER METER BOX COVER W/ TOUCH READ HOLE 19-1/2"x30" CHANDLER (FOR CONC BOX)	162.175/ea	486.53
80ft	2K20HARD 2" X 20' TYPE "K" HARD COPPER	21.075/ft	1686.02
3ea	2" COPPER 45 DEG ELBOW (CU)    CCLF0200	12.323/ea	36.97
7ea	2" COPPER 90 DEG ELBOW (CU)    CCLN0200	13.277/ea	92.94
	Private Side Tie-In		
3ea	7610F-2NL 2" METER FLANGE X FNPT	85.016/ea	255.05
3ea	112BN / 2BN 5/8" X 2-1/2" (2EA) BOLT&NUT SET ZINC FOR 1-1/2" & 2" METER FLANGE	6.600/ea	19.80
3ea	2" COPPER MALE ADAPTER (MPT X CU)    CCMA0200	14.662/ea	43.98
5ea	2" COPPER 90 DEG ELBOW (CU)    CCLN0200	13.277/ea	66.39
45ft	2K20HARD 2" X 20' TYPE "K" HARD COPPER	21.075/ft	948.39
	Subtotal -----		7099.28
	2" Water Service Tie-In No Meter Box		

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# Quotation

EXPIRATION DATE	QUOTE NUMBER	PAGE NO.
05/03/2023	S100019704	19 of 26

ORDER QTY	DESCRIPTION	UNIT PRICE	EXT PRICE
2ea	12" X 2" DOUBLE STRAP BRONZE SADDLE FOR DIP    3826 12X2	304.018/ea	608.04
80ft	2K20HARD	21.075/ft	1686.02
6ea	2" X 20' TYPE "K" HARD COPPER		
6ea	2" COPPER 45 DEG ELBOW (CU)    CCLF0200	12.323/ea	73.94
2ea	2" COPPER 90 DEG ELBOW (CU)    CCLN0200	13.277/ea	26.55
2ea	2" COPPER COUPLING    CCCP0200	6.677/ea	13.35
	Subtotal -----		2407.90
	1-1/2" Service		
	-----		
12ea	12" X1 1/2" DOUBLE STRAP BRONZE SADDLE FOR DIP    3826 12X1-1/2	298.633/ea	3583.60
12ea	1-1/2" MIP X FIP BALL CORP NO LEAD    73149B-112	207.255/ea	2487.06
24ea	1 1/2" COPPER MALE ADAPTER (MPT X CU)    CCMA0150	8.662/ea	207.88
12ea	1-1/2" AMS FIP X FLANGE NO LEAD BALL STYLE LOCK WING    74604B-1-1/2"	339.143/ea	4069.71
12ea	#4 CONCRETE METER BOX OUTSIDE DIMENSION 22-3/4"x33-1/2"x12"	85.663/ea	1027.95
12ea	A6001852-MAG4-H9 #4 POLYMER METER BOX COVER W/ TOUCH READ HOLE 19-1/2"x30" CHANDLER (FOR CONC BOX)	162.175/ea	1946.10
360ft	112K20HARD	14.021/ft	5047.63
14ea	1-1/2" X 20' TYPE "K" HARD COPPER		
14ea	1 1/2" COPPER 45 DEG ELBOW (CU)    CCLF0150	7.385/ea	103.39
18ea	1-1/2" COPPER 90 DEG ELBOW (CU)    CCLN0150	7.292/ea	131.26
14ea	1-1/2" COPPER COUPLING    CCCP0150	4.000/ea	56.00
	Subtotal -----		18660.58
	Private Side Tie-In Existing Meter		
	-----		
12ea	7610F-112NL 1-1/2" METER FLANGE X FNPT	65.108/ea	781.30

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# Quotation

EXPIRATION DATE	QUOTE NUMBER	PAGE NO.
05/03/2023	S100019704	20 of 26

ORDER QTY	DESCRIPTION	UNIT PRICE	EXT PRICE
12ea	112BN / 2BN 5/8" X 2-1/2" (2EA) BOLT&NUT SET ZINC FOR 1-1/2" & 2" METER FLANGE	6.600/ea	79.20
12ea	1 1/2" COPPER MALE ADAPTER (MPT X CU)    CCMA0150	8.662/ea	103.94
18ea	1-1/2" COPPER 90 DEG ELBOW (CU)    CCLN0150	7.292/ea	131.26
18ft	112K20HARD 1-1/2" X 20' TYPE "K" HARD COPPER	14.021/ft	252.38
	Subtotal -----		1348.08
	1 1/2" Service Tie-In Existing Meter -----		
1ea	12" X1 1/2" DOUBLE STRAP BRONZE SADDLE FOR DIP    3826 12X1-1/2	298.633/ea	298.63
1ea	1-1/2" MIP X FIP BALL CORP NO LEAD    73149B-112	207.255/ea	207.26
2ea	1 1/2" COPPER MALE ADAPTER (MPT X CU)    CCMA0150	8.662/ea	17.32
1ea	1-1/2" AMS FIP X FLANGE NO LEAD BALL STYLE LOCK WING    74604B-1-1/2"	339.143/ea	339.14
60ft	112K20HARD 1-1/2" X 20' TYPE "K" HARD COPPER	14.021/ft	841.27
3ea	1-1/2" COPPER 90 DEG ELBOW (CU)    CCLN0150	7.292/ea	21.88
1ea	1 1/2" COPPER 45 DEG ELBOW (CU)    CCLF0150	7.385/ea	7.38
1ea	1-1/2" COPPER COUPLING    CCCP0150	4.000/ea	4.00
	Subtotal -----		1736.88
	1" Water Service -----		
5ea	12" X 1" DOUBLE STRAP BRONZE SADDLE FOR DIP    3826 12X1	264.779/ea	1323.90
5ea	1" MIP X PJ CTS BALL CORP NO LEAD    74704B-22-1	95.558/ea	477.79
100ft	1K100SOFT 1" X 100' TYPE "K" SOFT COPPER	9.667/ft	966.71
60ft	1K60SOFT 1" X 60' TYPE "K" SOFT COPPER	9.667/ft	580.03

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# Quotation

EXPIRATION DATE	QUOTE NUMBER	PAGE NO.
05/03/2023	S100019704	21 of 26

ORDER QTY	DESCRIPTION	UNIT PRICE	EXT PRICE
5ea	1" AMS CTS X METER NO LEAD    74602B-22-1NL	171.079/ea	855.40
5ea	#2 CONCRETE METER BOX OUTSIDE DIMENSION 18"x25-3/4"x12"	60.743/ea	303.71
5ea	A6001832-MAG2-H9 #2 CHANDLER POLYMER METER BOX LID W/ TR HOLE 14-1/8"x21-3/4" (FOR CONC BOX)	97.525/ea	487.63
1ea	4" X 6' SCH40 GALV PLAIN END PIPE (FOR BOLLARDS) Non Return / Non Cancellable	200.000/ea	200.00
	Subtotal -----		5195.17
	Private Side Tie-In -----		
5ea	1"X1"X2.63 METER COUPLING X MIPT NO LEAD    74620-1NL	22.528/ea	112.64
60ft	1K60SOFT 1" X 60' TYPE "K" SOFT COPPER	9.667/ft	580.03
5ea	1" CPLG CTS X CTS NO LEAD    74758-22-1NL	31.369/ea	156.85
	Subtotal -----		849.52
	1" Water Service Tie-In No Meter Box -----		
1ea	12" X 1" DOUBLE STRAP BRONZE SADDLE FOR DIP    3826 12X1	264.779/ea	264.78
1ea	1" MIP X PJ CTS BALL CORP NO LEAD    74704B-22-1 *Use leftover copper from 60' roll above*	95.558/ea	95.56
1ea	1" CPLG CTS X CTS NO LEAD    74758-22-1NL	31.369/ea	31.37
1ea	1" AMS CTS X METER NO LEAD    74602B-22-1NL	171.079/ea	171.08
	Subtotal -----		562.79
	2" RP Backflow Assembly -----		

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# Quotation

EXPIRATION DATE	QUOTE NUMBER	PAGE NO.
05/03/2023	S100019704	22 of 26

ORDER QTY	DESCRIPTION	UNIT PRICE	EXT PRICE
1ea	LF009M2QT-2" / 391007	744.825/ea	744.83
	2" LF009M2-QT STRAIGHT RP BACKFLOW		
2ea	2" COPPER MALE ADAPTER (MPT X CU)    CCMA0200	14.662/ea	29.32
20ft	2K20HARD	21.075/ft	421.51
	2" X 20' TYPE "K" HARD COPPER		
4ea	2" COPPER 90 DEG ELBOW (CU)    CCLN0200	13.277/ea	53.11
1ea	2" COPPER UNION - LEAD FREE    CCCU0200-NL	143.892/ea	143.89
1ea	10"W X 24"H X 40"L HINGED GUARD SHACK    QE-3	437.333/ea	437.33
	Subtotal -----		1829.99
	1-1/2" RP Backflow Assembly		
	-----		
3ea	LF009M2-QT-1-1/2" / 391006	653.363/ea	1960.09
	1-1/2" LF009M2-QT STRAIGHT RP BACKFLOW		
6ea	1 1/2" COPPER MALE ADAPTER (MPT X CU)    CCMA0150	8.662/ea	51.97
60ft	112K20HARD	14.021/ft	841.27
	1-1/2" X 20' TYPE "K" HARD COPPER		
12ea	1-1/2" COPPER 90 DEG ELBOW (CU)    CCLN0150	7.292/ea	87.51
3ea	1-1/2" COPPER UNION - LEAD FREE    CCCU0112-NL	75.615/ea	226.85
3ea	10"W X 24"H X 30"L LIFT-OFF GUARD SHACK    QE-2	378.667/ea	1136.00
	Subtotal -----		4303.69
	1" RP Backflow Assembly		
	-----		
3ea	LF009M2-QT-1" / 391004	234.700/ea	704.10
	1" LF009M2-QT STRAIGHT RP BACKFLOW		
14ea	1" COPPER MALE ADAPTER (MPT X CU)    CCMA0100	5.092/ea	71.29
60ft	1K20HARD	8.698/ft	521.86
	1" X 20' TYPE "K" HARD COPPER		
12ea	1" COPPER 90 DEG ELBOW (CU)    CCLN0100	3.092/ea	37.11
3ea	1" COPPER UNION - LEAD FREE    CCCU0100-NL	14.215/ea	42.65

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# Quotation

EXPIRATION DATE	QUOTE NUMBER	PAGE NO.
05/03/2023	S100019704	23 of 26

ORDER QTY	DESCRIPTION	UNIT PRICE	EXT PRICE
3ea	10"W X 24"H X 30"L LIFT-OFF GUARD SHACK    QE-2	378.667/ea	1136.00
	Subtotal -----		2513.01
	Fireline and FDC Modified Installation Per Chandler Detail FD103  6" RP Backflow COC C-315 -----		
2ea	957-NRS-6" / 111605 6" 957NRS STRAIGHT RP BACKFLOW *Providing NRS Valves Due to Cage*	5495.688/ea	10991.38
4ea	6" X 6' FL SPOOL	779.375/ea	3117.50
4ea	6" X 4' FL SPOOL	620.275/ea	2481.10
8ea	FBD9006 6" FLANGE 90 DEG BEND	213.850/ea	1710.80
4ea	MJFA06 6" MJ X FLANGE ADAPTER	98.394/ea	393.58
20ea	68BN 6"-8" BOLT&NUT SET (8EA) 3/4" X 3-1/4" A307A ZINC    6"-8"BN	15.700/ea	314.00
20ea	6GASKET 6" FULL FACE 1/8" NEOPRENE GASKET	4.000/ea	80.00
4ea	SGDP06 / 113829 6" DIP STARGRIP SERIES 3000 / TYLER SERIES 1000 TUFGRIP	33.395/ea	133.58
4ea	MJBGAS06 6" MEGA LUG GASKET & BOLT KIT	22.750/ea	91.00
4ea	UNIVERSAL ADJ PIPE SUPPORT    *Guard Shack Not Typically Used on 6" Backflow Assembly Please verify Diemnsions Required. Price subject to change based on requirements*	68.400/ea	273.60
2ea	38"W X 60"H X 99.5"L CAMSHELL GUARD SHACK (2 PIECE)    QE-8	2336.000/ea	4672.00
4ea	34ATR 3/4" X 10' ALL THREAD ROD ZINC PLATED	35.080/ea	140.32
8ea	3/ 4 BRASS PLUG NO LEAD    B-PL04LF	3.859/ea	30.87
	Subtotal -----		24429.73

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# Quotation

EXPIRATION DATE	QUOTE NUMBER	PAGE NO.
05/03/2023	S100019704	24 of 26

ORDER QTY	DESCRIPTION	UNIT PRICE	EXT PRICE
	4" RP Backflow COC C-315 -----		
1ea	957-NRS-4" / 111604 4" 957NRS STRAIGHT RP BACKFLOW	2756.788/ea	2756.79
2ea	4" X 6' FL SPOOL	636.938/ea	1273.88
2ea	4" X 4' FL SPOOL	503.638/ea	1007.28
4ea	FBD9004 4" FLANGE 90 DEG BEND	138.206/ea	552.83
2ea	MJFA04 4" MJ X FLANGE ADAPTER	71.663/ea	143.33
10ea	4BN 4" BOLT&NUT SET (8EA) 5/8" X 3" A307A ZINC    4BN	9.560/ea	95.60
10ea	4GASKET 4" FULL FACE 1/8" NEOPRENE GASKET	2.560/ea	25.60
2ea	SGDP04 / 113812 4" DIP STARGRIP SERIES 3000 / TYLER SERIES 1000 TUFGRIP	28.395/ea	56.79
2ea	MJBGAS04 4" MEGA LUG GASKET & BOLT KIT	19.906/ea	39.81
2ea	UNIVERSAL ADJ PIPE SUPPORT	68.400/ea	136.80
4ea	1/ 2" BRASS PLUG - NO LEAD    B-PL03LF	3.365/ea	13.46
	Subtotal -----		6102.17
	Added Item Air Release C-319 -----		
2ea	12" X 2" DOUBLE STRAP BRONZE SADDLE FOR DIP    3826 12X2	304.018/ea	608.04
2ea	2" MIP X FIP BALL CORP NO LEAD    73149B-2	335.193/ea	670.39
2ea	2" COPPER MALE ADAPTER (MPT X CU)    CCMA0200	14.662/ea	29.32
60ft	2K60SOFT 2" X 60' TYPE "K" SOFT COPPER	24.091/ft	1445.44
6ea	2" COPPER 90 DEG ELBOW (CU)    CCLN0200	13.277/ea	79.66
1ea	2" COPPER COUPLING    CCCP0200	6.677/ea	6.68
2ea	2" CTS X FIPT CURB STOP NO LEAD    76102-22-2NL	406.232/ea	812.46
2ea	2" X 6" BRASS NIPPLE    NBR086	34.182/ea	68.36

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# Quotation

EXPIRATION DATE	QUOTE NUMBER	PAGE NO.
05/03/2023	S100019704	25 of 26

ORDER QTY	DESCRIPTION	UNIT PRICE	EXT PRICE
2ea	2" BRONZE STREET 90 ELBOW - NO LEAD    B-ST9008LF	48.028/ea	96.06
2ea	2" AIR / VAC CR-UL20.1    CR-UL20.1	693.538/ea	1387.08
4ea	2" SCH80 90 BEND    806-020	6.819/ea	27.27
2ea	2" X 6" SCH 80 NIPPLE    887-060	9.206/ea	18.41
2ea	MISC-BUG-2"-F-20 2" BUG SCREEN FOR ARV DETAIL FIPT W/ 20 MESH BUGSCREEN-2"	35.133/ea	70.27
4ea	#4 CONCRETE METER BOX OUTSIDE DIMENSION 22-3/4"x33-1/2"x12"	85.663/ea	342.65
2ea	20304001 / A6001852-MAG4 #4 POLYMER SOLID METER BOX COVER 19-1/2"x30" PHOENIX MESA AVONDALE (RETRO-FIT FOR CONC BOX)	154.175/ea	308.35
	Subtotal -----		5970.44
	Additional Material For Tie-Ins To Cap Pipe That Will Later Be Abandoned -----		
9ea	860-54-0334-16 12" HYMAX 2 FLIP COUPLING 13.15-14.41	709.719/ea	6387.47
9ea	860-54-0217-16 8" HYMAX 2 FLIP COUPLING 8.54-9.84	390.694/ea	3516.24
5ea	860-54-0163-16 6" HYMAX 2 FLIP COUPLING 6.42-7.68	346.044/ea	1730.22
18ft	12TJ350 12" TJ DIP CL350    12DIP350	49.979/ft	899.62
18ft	8TJ350 8" TJ DIP CL350    8DIP350	32.611/ft	586.99
18ft	6TJ350 6" TJ DIP CL350    6DIP350	24.769/ft	445.83
23ea	2" X 12" GALV NIPPLE    ZNG0812	20.425/ea	469.77
23ea	2" GALV CAP    ZMGCA08	6.060/ea	139.38
23ea	2" GALV STREET 90 BEND    ZMGLST9008	15.800/ea	363.40
23ea	759T08LF / 2117T-2 2" FULL PORT BRASS BALL VALVE FPTXFPT	60.492/ea	1391.33

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## Quotation

EXPIRATION DATE	QUOTE NUMBER	PAGE NO.
05/03/2023	S100019704	26 of 26

ORDER QTY	DESCRIPTION	UNIT PRICE	EXT PRICE
	Subtotal -----		15930.25
*ALL PRODUCTS WILL BE PRICED IN EFFECT AT TIME OF SHIPMENT. *DUE TO SUPPLY CHAIN PRICE INCREASES.			
	Subtotal		1017708.66
	S&H Charges		0.00
	Estimated Tax		0.00
	Amount Due		1017708.66



**OF PHOENIX**  
WATER • SEWER • STORM

11051 N 132ND AVE  
SURPRISE, AZ 85379

PHONE (623) 536-6192  
FAX (623) 536-9307

**Quoted To Customer**

B & F CONTRACTING INC  
11011 N 23RD AVE  
PHOENIX, AZ 85029-4828

Phone (623) 582-1170  
Fax (623) 582-3761

**Job Name**

CHANDLER PROJECT

**Quote No.**

0026414

**Date**

4/03/23

**Page**

1

**Expiration Date**

5/03/23

**Revised Date**

4/03/23

**Bid Due Date**

4/03/23

**Quoted By**

DANNY KOELLEN  
drkoellen@winwaterworks.com  
(623) 229-2804

Customer	Payment Terms	Quoted To	Salesperson	FOB
002037	2% 10TH, NET 25TH	DANNY KOELLEN	HOUSE ACCOUNT	S

Line	Qty.	Description	Unit Price	UOM	Extended Price
1.0	6876	12" CL350 DIP RESTRAINED JOINT	71.4400	FT	491221.44
2.0	7140	TR-FLEX CEMENT LINED			
		27 POLYWRAP BLACK 10-12 DIP	.8300	FT	5926.20
		340'			
3.0	7	3 X 1000 DETECTABLE WATER TAPE	33.1700	EA	232.19
4.0	15	12 GA BLUE TRACER WIRE 500'	125.2500	EA	1878.75
		SOLID CORE			
5.0	50	T17-102 2X100 10 MIL PVC TAPE	6.7500	EA	337.50
		Spec sheet: <a href="https://pimmedia.winsupplyinc.com/pim/SPEC/092017/JONES-STEPHENS-WORLD-AND-MAIN_T17102_140JT17102_SPEC.pdf">https://pimmedia.winsupplyinc.com/pim/SPEC/092017/JONES-STEPHENS-WORLD-AND-MAIN_T17102_140JT17102_SPEC.pdf</a>			
7.0	8	12 FE TEE CL-TC IMP	1180.9600	EA	9447.68
		132721 IMP L/ACC C110			
8.0	1	12 MJXFE TEE C153 CL-TC IMP	767.2500	EA	767.25
		422457 IMP L/ACC C153			
9.0	1	12 MJXMJ TEE C153 CL-TC IMP	539.9300	EA	539.93
		101116 IMP L/ACC C153			
10.0	2	12X8 DI MJ TEE F	421.3200	EA	842.64
		101215 IMP L/ACC C153			
11.0	2	12X8 FE TEE CL-TC IMP	982.2800	EA	1964.56
		132769 IMP L/ACC C110			
12.0	1	12X6 DI MJ X FLG TEE	482.0900	EA	482.09
		422488 IMP L/ACC C153			
13.0	4	12 DI MJ X FLANGE ADAPTER	337.1700	EA	1348.68
		371168 IMP L/ACC C153			
14.0	3	12 MJ 22-1/2 C153 CL-TC IMP	281.0800	EA	843.24
		099932 IMP L/ACC C153			
15.0	17	12 DI MJ 45	321.3900	EA	5463.63
		099956 IMP L/ACC C153			
16.0	6	12 DI MJ LONG SOLID SLEEVE	296.2700	EA	1777.62
		137337 IMP L/ACC C153			
18.0	74	12 TUFGRIP DI JNT REST &ACC F	151.7200	EA	11227.28
		114192 IMP W/ACC			
19.0	1	8 TUFGRIP DI JNT REST &ACC F	79.3800	EA	79.38
		114178 IMP W/ACC			
20.0	4	12 ZINK 150# FLANGE ACC KIT	49.3100	EA	197.24
		W/ 1/8" RR GASKET # FP12			
22.0	1404	12" CL350 DIP SJ	51.6100	FT	72460.44

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Line	Qty.	Description	Unit Price	UOM	Extended Price
23.0	1700	27 POLYWRAP BLACK 10-12 DIP 340'	.8300	FT	1411.00
24.0	2	3 X 1000 DETECTABLE WATER TAPE	33.1700	EA	66.34
25.0	4	12 GA BLUE TRACER WIRE 500' SOLID CORE	125.2500	EA	501.00
26.0	20	T17-102 2X100 10 MIL PVC TAPE Spec sheet: <a href="https://pimmedia.winsupplyinc.com/pim/SPEC/092017/JONES-STEPHENS-WORLD-AND-MAIN_T17102_40JT17102_SPEC.pdf">https://pimmedia.winsupplyinc.com/pim/SPEC/092017/JONES-STEPHENS-WORLD-AND-MAIN_T17102_40JT17102_SPEC.pdf</a>	6.7500	EA	135.00
28.0	378	8 CL350 DIP RESTRAINED JOINT TR-FLEX CEMENT LINED	46.9500	FT	17747.10
29.0	680	20 POLYWRAP BLACK 6-8 DIP 340' ROLL	.5500	FT	374.00
30.0	1	3 X 1000 DETECTABLE WATER TAPE	33.1700	EA	33.17
31.0	1	12 GA BLUE TRACER WIRE 500' SOLID CORE	125.2500	EA	125.25
32.0	5	T17-102 2X100 10 MIL PVC TAPE Spec sheet: <a href="https://pimmedia.winsupplyinc.com/pim/SPEC/092017/JONES-STEPHENS-WORLD-AND-MAIN_T17102_40JT17102_SPEC.pdf">https://pimmedia.winsupplyinc.com/pim/SPEC/092017/JONES-STEPHENS-WORLD-AND-MAIN_T17102_40JT17102_SPEC.pdf</a>	6.7500	EA	33.75
34.0	1	12X8 DI MJ TEE F 101215 IMP L/ACC C153	421.3200	EA	421.32
35.0	1	12X8 FE TEE CL-TC IMP 132769 IMP L/ACC C110	982.2800	EA	982.28
36.0	3	12X8 DI MJXFLG TEE 422495 IMP L/ACC C153	535.2600	EA	1605.78
37.0	1	8X6 DI MJ TEE 101475 IMP L/ACC C153	224.3900	EA	224.39
38.0	3	8X6 DI MJ X FLG TEE 422556 IMP L/ACC C153	251.8600	EA	755.58
39.0	1	8X6 DI ALL MJ REDUCER 100874 IMP L/ACC C153	106.9400	EA	106.94
40.0	1	8 MJ X FLG ADAPT 371205 IMP L/ACC C153	151.9300	EA	151.93
42.0	1	8 ZINC 150# FLANGE ACC KIT W/ 1/8" RR GASKET # FP08	25.0200	EA	25.02
43.0	8	12 TUFGRIP DI JNT REST &ACC F 114192 IMP W/ACC	151.7200	EA	1213.76
44.0	10	8 TUFGRIP DI JNT REST &ACC F 114178 IMP W/ACC	79.3800	EA	793.80
45.0	1	391869 8 MJ ACCY PK L/GLND DOM BOLTS AND GASKETS ONLY IMP.	43.7500	EA	43.75
46.0	3	8 DI MJ TAPT CAP 248156 IMP L/ACC C153	114.5400	EA	343.62
47.0	1	8 DI MJ LONG SOLID SLEEVE 137412 IMP L/ACC C153	184.0800	EA	184.08
50.0	4	16"X8" FLANGE TEE C110 IMPORT	1535.5000	EA	6142.00
51.0	2	16 MJ L/SLV C153 TC IMP 137450 IMP L/ACC C153	566.2300	EA	1132.46

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52.0	1	16 MJXFE ADPT C153 CL-TC IMP 129653 IMP L/ACC C153	611.2200	EA	611.22
53.0	18	16 CL350 DI PIPE SJ AC/CL TYTON JOINT	85.3900	EA	1537.02
54.0	1	8572 16 MJXFL RS GATE VALVE OL KENNEDY W/2" OP NUT SS STEM	7215.9100	EA	7215.91
56.0	6	16 TUFGRIP DI JNT REST &ACC F 114215 IMP W/ACC	272.2300	EA	1633.38
57.0	2	16" DI FLANGE ACCESSORY ZINC PLATED FFRR GASKET	74.8600	EA	149.72
59.0	1	6855-16T TOP SECTION SLIP LL 112228 IOMP L/ACC	72.5000	EA	72.50
60.0	1	6855-36B BOTTOM SECTION SLIP 112082 IMP L/ACC	92.5000	EA	92.50
61.0	1	NON-POP POLYMER LID - WATER	55.0000	EA	55.00
62.0	1	DC457 DEBRIS CAP BLUE - WATER	65.6300	EA	65.63
65.0	1	-----TEMP CAP - TESTING----- 8 DI MJ TAPT CAP 248156 IMP L/ACC C153	114.5400	EA	114.54
66.0	2	2" GALV MI 90 ST ELL 1M90S0909G	15.0200	EA	30.04
67.0	1	8 TUFGRIP DI JNT REST &ACC F 114178 IMP W/ACC	79.3800	EA	79.38
70.0	234	6" CL350 DIP RESTRAINED JOINT TR-FLEX CEMENT LINED	35.8200	FT	8381.88
71.0	340	20 POLYWRAP BLACK 6-8 DIP 340' ROLL	.5500	FT	187.00
72.0	1	3 X 1000 DETECTABLE WATER TAPE	33.1700	EA	33.17
73.0	1	12 GA BLUE TRACER WIRE 500' SOLID CORE	125.2500	EA	125.25
74.0	1	T17-102 2X100 10 MIL PVC TAPE Spec sheet: <a href="https://pimmedia.winsupplyinc.com/pim/SPEC/092017/JONES-STEPHENS-WORLD-AND-MAIN_T17102_140JT17102_SPEC.pdf">https://pimmedia.winsupplyinc.com/pim/SPEC/092017/JONES-STEPHENS-WORLD-AND-MAIN_T17102_140JT17102_SPEC.pdf</a>	6.7500	EA	6.75
76.0	4	12X6 DI MJ X FLG TEE 422488 IMP L/ACC C153	482.0900	EA	1928.36
77.0	6	6 DI MJ 90 100218 IMP L/ACC C153	126.2200	EA	757.32
78.0	3	6 DI MJ TAPT CAP 248118 IMP L/ACC C153	82.4000	EA	247.20
79.0	9	12 TUFGRIP DI JNT REST &ACC F 114192 IMP W/ACC	151.7200	EA	1365.48
80.0	5	6 TUFGRIP DI JNT REST &ACC F 114161 IMP W/ACC	58.2500	EA	291.25
83.0	54	4" TYTON DIP CL350 18'	38.2500	FT	2065.50

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		4" TYTON DIP			
85.0	2	12X4 MJXFE TEE C153 CL-TC IMP 422471 IMP L/ACC C153	452.2500	EA	904.50
86.0	4	12 TUFGRIP DI JNT REST &ACC F 114192 IMP W/ACC	151.7200	EA	606.88
87.0	8	4 TUFGRIP DI JNT REST &ACC F 114154 IMP W/ACC	47.1700	EA	377.36
88.0	4	4 DI MJ 90 100133 IMP L/ACC C153	77.1400	EA	308.56
		-----TEMP TEST CAP-----			
91.0	2	4 DI MJ TAPT CAP 248064 IMP L/ACC C153	60.2000	EA	120.40
92.0	4	2" GALV MI 90 ST ELL 1M90S0909G	15.0200	EA	60.08
93.0	2	2X48 GALV STEEL NIPPLE	62.0200	EA	124.04
94.0	2	0555125 2 LFFBV-4 TXT FP BALL VALVE Spec sheet: <a href="https://pimmedia.winsupplyinc.com/pim/SPEC/082017/WATTS-REGULATOR-DRAINAGE-CO_0555125_07700555125_SPEC.pdf">https://pimmedia.winsupplyinc.com/pim/SPEC/082017/WATTS-REGULATOR-DRAINAGE-CO_0555125_07700555125_SPEC.pdf</a>	58.9500	EA	117.90
95.0	2	4 TUFGRIP DI JNT REST &ACC F 114154 IMP W/ACC	47.1700	EA	94.34
		-----12" SWING TIE IN ACP-----			
98.0	4	242-1430 12 LONG OPTIMUM CPLG 12.50 - 14.38	549.4400	EA	2197.76
99.0	6	12 DI MJ 45 099956 IMP L/ACC C153	321.3900	EA	1928.34
100.0	2	12 MJ 90 ELL 099970 IMP L/ACC C153	384.5800	EA	769.16
101.0	16	12 TUFGRIP DI JNT REST &ACC F 114192 IMP W/ACC	151.7200	EA	2427.52
102.0	8	391883 12 MJ ACCY PK L/GLD DOM BOLTS AND GASKETS ONLY IMP.	68.7500	EA	550.00
		-----TEMP TEST CAP-----			
105.0	3	12 DI MJ TAPT CAP 247999 IMP L/ACC C153	188.1600	EA	564.48
106.0	6	2" GALV MI 90 ST ELL 1M90S0909G	15.0200	EA	90.12
107.0	3	2X48 GALV STEEL NIPPLE	62.0200	EA	186.06
108.0	3	0555125 2 LFFBV-4 TXT FP BALL VALVE Spec sheet: <a href="https://pimmedia.winsupplyinc.com/pim/SPEC/082017/WATTS-REGULATOR-DRAINAGE-CO_0555125_07700555125_SPEC.pdf">https://pimmedia.winsupplyinc.com/pim/SPEC/082017/WATTS-REGULATOR-DRAINAGE-CO_0555125_07700555125_SPEC.pdf</a>	58.9500	EA	176.85
109.0	3	12 TUFGRIP DI JNT REST &ACC F 114192 IMP W/ACC	151.7200	EA	455.16
		-----8" SWING TIE IN ACP-----			
112.0	5	242-0960 8 LONG OPTIMUM CPLG 8.40 - 9.75	351.8900	EA	1759.45



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113.0	8	8 DI MJ 45 100270 IMP L/ACC C153	149.0200	EA	1192.16
114.0	2	8 DI MJ 90 100294 IMP L/ACC C153	182.3200	EA	364.64
115.0	20	8 TUFGRIP DI JNT REST &ACC F 114178 IMP W/ACC	79.3800	EA	1587.60
		-----TEMP TEST CAP-----			
118.0	6	8 DI MJ TAPT CAP 248156 IMP L/ACC C153	114.5400	EA	687.24
119.0	12	2" GALV MI 90 ST ELL 1M90S0909G	15.0200	EA	180.24
120.0	6	2X48 GALV STEEL NIPPLE	62.0200	EA	372.12
121.0	6	0555125 2 LFFBV-4 TXT FP BALL VALVE Spec sheet: <a href="https://pimmedia.winsupplyinc.com/pim/SPEC/082017/WATTS-REGULATOR-DRAINAGE-CO_0555125_07700555125_SPEC.pdf">https://pimmedia.winsupplyinc.com/pim/SPEC/082017/WATTS-REGULATOR-DRAINAGE-CO_0555125_07700555125_SPEC.pdf</a>	58.9500	EA	353.70
122.0	6	8 TUFGRIP DI JNT REST &ACC F 114178 IMP W/ACC	79.3800	EA	476.28
		-----6" SWING TIE IN ACP-----			
125.0	5	242-0760 6 LONG OPTIMUM CPLG 6.28 - 7.60	276.2200	EA	1381.10
126.0	6	6 DI MJ 45 100195 IMP L/ACC C153	102.2700	EA	613.62
127.0	5	6 DI MJ 90 100218 IMP L/ACC C153	126.2200	EA	631.10
128.0	22	6 TUFGRIP DI JNT REST &ACC F 114161 IMP W/ACC	58.2500	EA	1281.50
		-----TEMP TEST CAP-----			
131.0	4	6 DI MJ TAPT CAP 248118 IMP L/ACC C153	82.4000	EA	329.60
132.0	8	2" GALV MI 90 ST ELL 1M90S0909G	15.0200	EA	120.16
133.0	4	2X48 GALV STEEL NIPPLE	62.0200	EA	248.08
134.0	4	0555125 2 LFFBV-4 TXT FP BALL VALVE Spec sheet: <a href="https://pimmedia.winsupplyinc.com/pim/SPEC/082017/WATTS-REGULATOR-DRAINAGE-CO_0555125_07700555125_SPEC.pdf">https://pimmedia.winsupplyinc.com/pim/SPEC/082017/WATTS-REGULATOR-DRAINAGE-CO_0555125_07700555125_SPEC.pdf</a>	58.9500	EA	235.80
135.0	4	6 TUFGRIP DI JNT REST &ACC F 114161 IMP W/ACC	58.2500	EA	233.00
		-----4" SWING TIE IN ACP-----			
138.0	1	242-0550 4 LONG OPTIMUM CPLG 4.22 - 5.60	203.0000	EA	203.00
139.0	1	6X4 DI ALL MJ REDUCER 100836 IMP L/ACC C153	73.6300	EA	73.63
140.0	1	6 TUFGRIP DI JNT REST &ACC F 114161 IMP W/ACC	58.2500	EA	58.25
141.0	1	4 TUFGRIP DI JNT REST &ACC F 114154 IMP W/ACC	47.1700	EA	47.17

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143.0	1	-----TEMP TEST CAP----- 4 DI MJ TAPT CAP 248064 IMP L/ACC C153	60.2000	EA	60.20
144.0	2	2" GALV MI 90 ST ELL 1M90S0909G	15.0200	EA	30.04
145.0	1	2X48 GALV STEEL NIPPLE	62.0200	EA	62.02
146.0	1	0555125 2 LFFBV-4 TXT FP BALL VALVE Spec sheet: <a href="https://pimmedia.winsupplyinc.com/pim/SPEC/082017/WATTS-REGULATOR-DRAINAGE-CO_0555125_07700555125_SPEC.pdf">https://pimmedia.winsupplyinc.com/pim/SPEC/082017/WATTS-REGULATOR-DRAINAGE-CO_0555125_07700555125_SPEC.pdf</a>	58.9500	EA	58.95
149.0	2	-----HALF VERTICAL----- 12 MJ 22-1/2 C153 CL-TC IMP 099932 IMP L/ACC C153	281.0800	EA	562.16
150.0	14	12 DI MJ 45 099956 IMP L/ACC C153	321.3900	EA	4499.46
151.0	32	12 TUFGRIP DI JNT REST &ACC F 114192 IMP W/ACC	151.7200	EA	4855.04
153.0	10	8 DI MJ 45 100270 IMP L/ACC C153	149.0200	EA	1490.20
154.0	20	8 TUFGRIP DI JNT REST &ACC F 114178 IMP W/ACC	79.3800	EA	1587.60
156.0	4	6 DI MJ 45 100195 IMP L/ACC C153	102.2700	EA	409.08
157.0	8	6 TUFGRIP DI JNT REST &ACC F 114161 IMP W/ACC	58.2500	EA	466.00
160.0	18	-----FULL VERTICAL----- 12 DI MJ 45 099956 IMP L/ACC C153	321.3900	EA	5785.02
161.0	36	12 TUFGRIP DI JNT REST &ACC F 114192 IMP W/ACC	151.7200	EA	5461.92
163.0	16	8 DI MJ 45 100270 IMP L/ACC C153	149.0200	EA	2384.32
164.0	36	8 TUFGRIP DI JNT REST &ACC F 114178 IMP W/ACC	79.3800	EA	2857.68
166.0	16	6 DI MJ 45 100195 IMP L/ACC C153	102.2700	EA	1636.32
167.0	32	6 TUFGRIP DI JNT REST &ACC F 114161 IMP W/ACC	58.2500	EA	1864.00
170.0	30	-----12" VALVE----- 12 MJXFL GATE VALVE 4572 W/ S.S. STEM OPEN LEFT	2650.8700	EA	79526.10
171.0	11	7571 12 MJXMJ RS GATE VALVE OL KENNEDY W/ 2" OP NUT SS STEM	2778.1900	EA	30560.09
172.0	30	12 ZINK 150# FLANGE ACC KIT W/ 1/8" RR GASKET # FP12	49.3100	EA	1479.30

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173.0	52	12 TUFGRIP DI JNT REST &ACC F 114192 IMP W/ACC	151.7200	EA	7889.44
175.0	41	6855-16T TOP SECTION SLIP LL 112228 IOMP L/ACC	72.5000	EA	2972.50
176.0	41	6855-36B BOTTOM SECTION SLIP 112082 IMP L/ACC	92.5000	EA	3792.50
177.0	41	NON-POP POLYMER LID - WATER	55.0000	EA	2255.00
178.0	41	DC457 DEBRIS CAP BLUE - WATER	65.6300	EA	2690.83
179.0	2	8' VALVE STEM EXTENSION	356.2900	EA	712.58
180.0	2	SSC-300 DIRT POCKET CAP ACTUAL SMALL DIRT RING	100.5000	EA	201.00
181.0	6	6855-36B BOTTOM SECTION SLIP 112082 IMP L/ACC	92.5000	EA	555.00
183.0	6	6855-16T TOP SECTION SLIP LL 112228 IOMP L/ACC	72.5000	EA	435.00
184.0	6	6855-36B BOTTOM SECTION SLIP 112082 IMP L/ACC	92.5000	EA	555.00
185.0	6	NON-POP POLYMER LID - WATER	55.0000	EA	330.00
186.0	6	DC457 DEBRIS CAP BLUE - WATER	65.6300	EA	393.78
187.0	1	12 MJ CAP C153 TC IMP 121503 IMP L/ACC C153	157.2000	EA	157.20
188.0	1	12 TUFGRIP DI JNT REST &ACC F 114192 IMP W/ACC	151.7200	EA	151.72
191.0	10	-----THRUST BLOCK 12" PIPE----- 12 TUFGRIP DI JNT REST &ACC F 114192 IMP W/ACC	151.7200	EA	1517.20
194.0	8	-----THRUST BLOCK 8" PIPE----- 8 TUFGRIP DI JNT REST &ACC F 114178 IMP W/ACC	79.3800	EA	635.04
197.0	2	-----THRUST BLOCK 6" PIPE----- 6 TUFGRIP DI JNT REST &ACC F 114161 IMP W/ACC	58.2500	EA	116.50
200.0	7	-----8" VALVE----- 7572 8 MJXFL RS GATE VALVE OL KENNEDY W/ 2" OP NUT SS STEM	1381.4300	EA	9670.01
201.0	3	7571 8 MJXMJ RS GATE VALVE OL KENNEDY W/ 2" OP NUT SS STEM	1408.0700	EA	4224.21
202.0	7	8 ZINC 150# FLANGE ACC KIT W/ 1/8" RR GASKET # FP08	25.0200	EA	175.14
203.0	13	8 TUFGRIP DI JNT REST &ACC F 114178 IMP W/ACC	79.3800	EA	1031.94
204.0	10	6855-16T TOP SECTION SLIP LL 112228 IOMP L/ACC	72.5000	EA	725.00
205.0	10	6855-36B BOTTOM SECTION SLIP 112082 IMP L/ACC	92.5000	EA	925.00
206.0	10	NON-POP POLYMER LID - WATER	55.0000	EA	550.00

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207.0	10	DC457 DEBRIS CAP BLUE - WATER	65.6300	EA	656.30
		-----6" VALVE-----			
210.0	7	7572 6 MJXFL RS GATE VALVE OL W/ 2" OP NUT S.S. STEM	884.0400	EA	6188.28
211.0	7	6 ZINC 150# FLANGE ACC KIT W/ 1/8" RR GASKET	19.8000	EA	138.60
212.0	7	6 TUFGRIP DI JNT REST &ACC F 114161 IMP W/ACC	58.2500	EA	407.75
213.0	7	6855-16T TOP SECTION SLIP LL 112228 IOMP L/ACC	72.5000	EA	507.50
214.0	7	6855-36B BOTTOM SECTION SLIP 112082 IMP L/ACC	92.5000	EA	647.50
215.0	7	NON-POP POLYMER LID - WATER	55.0000	EA	385.00
216.0	7	DC457 DEBRIS CAP BLUE - WATER	65.6300	EA	459.41
		-----4" VALVE-----			
219.0	2	7572 4 MJXFL RS GATE VALVE OL W/ 2" OP NUT S.S. STEM	661.4300	EA	1322.86
220.0	2	4 ZINC 150# FLANGE ACC KIT W/ 1/8" RR GASKET # FP04	12.5000	EA	25.00
221.0	2	4 TUFGRIP DI JNT REST &ACC F 114154 IMP W/ACC	47.1700	EA	94.34
222.0	2	6855-16T TOP SECTION SLIP LL 112228 IOMP L/ACC	72.5000	EA	145.00
223.0	2	6855-36B BOTTOM SECTION SLIP 112082 IMP L/ACC	92.5000	EA	185.00
224.0	2	NON-POP POLYMER LID - WATER	55.0000	EA	110.00
225.0	2	DC457 DEBRIS CAP BLUE - WATER	65.6300	EA	131.26
		---FIRE HYDRANT 6" DIP RUN---			
228.0	1	6 DI MJ X FLG TEE 422518 IMP L/ACC C153	208.6200	EA	208.62
229.0	1	6 MJ TEE 101291 IMP L/ACC C153	181.1500	EA	181.15
230.0	3	6 DI FLANGED TEE 132837 IMP L/ACC C110	321.3900	EA	964.17
231.0	1	8X6 DI MJ TEE 101475 IMP L/ACC C153	224.3900	EA	224.39
232.0	1	8X6 DI MJ X FLG TEE 422556 IMP L/ACC C153	251.8600	EA	251.86
233.0	6	12X6 DI MJ X FLG TEE 422488 IMP L/ACC C153	482.0900	EA	2892.54
234.0	6	6 MJ X FLG ADAPT 422181 IMP L/ACC C153	101.1000	EA	606.60
235.0	1	6X24 DI MJ OFFSET C-153 F MJ X PE 107682 IMP L/ACC C153	404.5600	EA	404.56
236.0	3	6 DI MJ 90 100218 IMP L/ACC C153	126.2200	EA	378.66
237.0	1	6 DI MJXFE 90 ELL 422341 IMP L/ACC C153	154.6100	EA	154.61
238.0	12	12 TUFGRIP DI JNT REST &ACC F	151.7200	EA	1820.64

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239.0	4	114192 IMP W/ACC 8 TUFGRIP DI JNT REST &ACC F	79.3800	EA	317.52
240.0	49	114178 IMP W/ACC 6 TUFGRIP DI JNT REST &ACC F	58.2500	EA	2854.25
241.0	11	114161 IMP W/ACC 7572 6 MJXFL RS GATE VALVE OL	884.0400	EA	9724.44
242.0	2	W/ 2" OP NUT S.S. STEM 7571 6 MJXMJ RS GATE VALVE OL	884.0400	EA	1768.08
243.0	13	KENNEDY W/ 2" OP NUT SS STEM 6855-16T TOP SECTION SLIP LL	72.5000	EA	942.50
244.0	13	112228 IOMP L/ACC 6855-36B BOTTOM SECTION SLIP	92.5000	EA	1202.50
245.0	13	112082 IMP L/ACC NON-POP POLYMER LID - WATER	55.0000	EA	715.00
246.0	13	DC457 DEBRIS CAP BLUE - WATER	65.6300	EA	853.19
247.0	11	6 ZINC 150# FLANGE ACC KIT W/ 1/8" RR GASKET	19.8000	EA	217.80
250.0	216	----- 6" TYTON DIP CL350 18' 18FT US PIPE	26.1500	FT	5648.40
251.0	13	K81D 3WAY 5-1/4 6MJ 4'6" BURY 1546345615102Y NST	2767.8300	EA	35981.79
252.0	13	HYDRANT OUT OF SERVICE SIGN 7" OD, 3-1/4" ID 05634 1A	46.5600	EA	605.28
255.0	3	-----2" METER SERVICE----- 3826 12X2 FPT DBL BALE SDL	273.4100	EA	820.23
256.0	3	74704B-22FT 2 CORP MIPX22 NL	371.3400	EA	1114.02
257.0	3	74602B-22 2 FLANGED ABV LW NL	436.0900	EA	1308.27
258.0	7	607 2 CXC 90 ELL	24.1500	EA	169.05
259.0	3	606 2 CXC 45 ELL	22.3200	EA	66.96
260.0	3	PHOENIX #4 CONCRETE METER BOX	89.3200	EA	267.96
261.0	3	CHANDLER #4 POLYMER LID	156.2500	EA	468.75
262.0	80	2 X 20 K HARD COPPER TUBE	20.3900	FT	1631.20
265.0	3	-----2" PRIVATE SIDE SERVICE----- 431T08SPLF 2 METER FLG W/BLTS (INCL: 1FLG 1GSKT 2BLT 1NUT)	45.6600	EA	136.98
266.0	3	604 2 CXMIP ADPT	26.5300	EA	79.59
267.0	5	607 2 CXC 90 ELL	24.1500	EA	120.75
268.0	45	2 X 20 K HARD COPPER TUBE	20.3900	FT	917.55
271.0	2	-----2" SERVICE TIE NO BOX----- 3826 12X2 FPT DBL BALE SDL	273.4100	EA	546.82
272.0	80	2 X 20 K HARD COPPER TUBE	20.3900	EA	1631.20
273.0	6	606 2 CXC 45 ELL	22.3200	EA	133.92
274.0	2	607 2 CXC 90 ELL	24.1500	EA	48.30
275.0	2	600 2 CPLG W/STOP	12.1200	EA	24.24
278.0	12	-----1-1/2" SERVICE----- 3826 12X1-1/2 FPT DBL BALE SDL	264.6000	EA	3175.20

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Line	Qty.	Description	Unit Price	UOM	Extended Price
279.0	12	74704B-22FT 1-1/2 BALL CORP NL ACTUAL 74704B-22 #5133173	182.9000	EA	2194.80
280.0	12	74602B-22 1-1/2 ANG BALL VL NL	387.5700	EA	4650.84
281.0	12	PHOENIX #4 CONCRETE METER BOX	89.3200	EA	1071.84
282.0	12	CHANDLER #4 POLYMER LID	156.2500	EA	1875.00
-----					
284.0	360	1-1/2 X 20 K HARD COPPER TUBE	13.4500	FT	4842.00
285.0	14	606 1-1/2 CXC 45 ELL	13.3300	EA	186.62
286.0	18	607 1-1/2 CXC 90 ELL	13.6100	EA	244.98
287.0	14	600 1-1/2 CPLG W/STOP	7.8100	EA	109.34
-----					
-----PRIVATE SIDE TIE IN-----					
290.0	12	431T07SPLF 1-1/2 METER FLG (INCL: 1FLG 1GSKT 2BLT 2NUT)	43.8900	EA	526.68
291.0	12	604 1-1/2 CXMIP ADPT	15.9700	EA	191.64
292.0	18	607 1-1/2 CXC 90 ELL	13.6100	EA	244.98
293.0	120	1-1/2 X 20 K HARD COPPER TUBE 1-1/2" SERVICE TIE IN EXISTING	13.4500	FT	1614.00
295.0	1	3826 12X1-1/2 FPT DBL BALE SDL	264.6000	EA	264.60
296.0	1	74704B-22FT 1-1/2 BALL CORP NL ACTUAL 74704B-22 #5133173	182.9000	EA	182.90
297.0	1	74602B-22 1-1/2 ANG BALL VL NL	387.5700	EA	387.57
298.0	60	1-1/2 X 20 K HARD COPPER TUBE	13.4500	FT	807.00
299.0	3	607 1-1/2 CXC 90 ELL	13.6100	EA	40.83
300.0	1	606 1-1/2 CXC 45 ELL	13.3300	EA	13.33
301.0	1	600 1-1/2 CPLG W/STOP	7.8100	EA	7.81
-----					
-----1" SERVICE-----					
304.0	5	3826 12X1 FPT DBL BALE SDL	252.7600	EA	1263.80
305.0	5	74704 1 CORP STOP MIPXFLR NL	77.0500	EA	385.25
306.0	5	74602B 1 ANGLE BALL VALVE NL FLARE X METER	182.5500	EA	912.75
307.0	100	1 X 100 K SOFT COPPER TUBE	9.3100	FT	931.00
308.0	60	1 X 60 K SOFT COPPER TUBE	9.3100	FT	558.60
309.0	5	PHOENIX #2 CONCRETE METER BOX	63.0700	EA	315.35
310.0	5	#2 POLYMER LID CHANDLER SPEC PC MAG TOUCHREAD	104.1900	EA	520.95
-----					
-----1" PRIVATE SIDE TIE IN-----					
312.0	5	WMC 1" WATER METER COUPLING	10.9500	EA	54.75
313.0	60	1 X 60 K SOFT COPPER TUBE	9.3100	FT	558.60
-----					
-----1" SERVICE TIE NO BOX---					
316.0	1	3826 12X1 FPT DBL BALE SDL	252.7600	EA	252.76
317.0	1	74704 1 CORP STOP MIPXFLR NL	77.0500	EA	77.05
318.0	1	74602B 1 ANGLE BALL VALVE NL FLARE X METER	182.5500	EA	182.55
319.0	1	WMC 1" WATER METER COUPLING	10.9500	EA	10.95
-----					
-----2" RBPB BACKFLOW W/ CAGE---					
323.0	1	2-975XL2 LF BF PREVENTER LEAD FREE	672.9500	EA	672.95

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Line	Qty.	Description	Unit Price	UOM	Extended Price
Spec sheet: <a href="https://pimmedia.winsupplyinc.com/pim/SPEC/102019/_2-975XL2_0773975XL22_SPEC.pdf">https://pimmedia.winsupplyinc.com/pim/SPEC/102019/_2-975XL2_0773975XL22_SPEC.pdf</a>					
324.0	2	604 2 CXMIP ADPT	26.5300	EA	53.06
325.0	20	2 X 20 K HARD COPPER TUBE	20.3900	FT	407.80
326.0	2	607 2 CXC 90 ELL	24.1500	EA	48.30
327.0	2	607-2 2 FTGXC 90 ST ELL	35.5400	EA	71.08
328.0	1	733 2 CXC UNION	100.7100	EA	100.71
329.0	1	EC-3 10X24X40 BACKFLOW CAGE QE3 CAGE	404.9400	EA	404.94
Spec sheet: <a href="https://pimmedia.winsupplyinc.com/pim/SPEC/042022/_EC-3_4219EC3_SPEC.pdf">https://pimmedia.winsupplyinc.com/pim/SPEC/042022/_EC-3_4219EC3_SPEC.pdf</a>					
-----					
332.0	3	--1-1/2" RBPB BACKFLOW W/ CAGE 112-975XL2 1-1/2 RPZ BFP LEAD FREE	625.8900	EA	1877.67
Spec sheet: <a href="https://pimmedia.winsupplyinc.com/pim/SPEC/102019/_112-975XL2_0773975XL2112_SPEC.pdf">https://pimmedia.winsupplyinc.com/pim/SPEC/102019/_112-975XL2_0773975XL2112_SPEC.pdf</a>					
333.0	6	604 1-1/2 CXMIP ADPT	15.9700	EA	95.82
334.0	60	1-1/2 X 20 K HARD COPPER TUBE	13.4500	FT	807.00
335.0	6	607 1-1/2 CXC 90 ELL	13.6100	EA	81.66
336.0	6	607-2 1-1/2 FTGXC 90 ST ELL	16.7900	EA	100.74
337.0	3	733 1-1/2 CXC UNION	60.3200	EA	180.96
338.0	3	271 BACKFLOW ENCLOSURE QE-2 10" X 24" X 30"	350.6200	EA	1051.86
-----					
341.0	3	----1" RBPB BACKFLOW W/CAGE--- 1-975XL2 1 RPZ BFP LEAD FREE	337.6500	EA	1012.95
Spec sheet: <a href="https://pimmedia.winsupplyinc.com/pim/SPEC/102019/_1-975XL2_0773975XL21_SPEC.pdf">https://pimmedia.winsupplyinc.com/pim/SPEC/102019/_1-975XL2_0773975XL21_SPEC.pdf</a>					
342.0	14	604 1 CXMIP ADPT	10.0000	EA	140.00
343.0	60	1 X 20 K HARD COPPER TUBE	8.3000	FT	498.00
344.0	6	607 1 CXC 90 ELL	6.5100	EA	39.06
345.0	6	607-2 1 FTGXC 90 ST ELL	9.0700	EA	54.42
346.0	3	633W 1 CXC UNION	23.0500	EA	69.15
347.0	3	251 BACKFLOW ENCLOSURE QE-1 10" X 24" X 22"	316.0500	EA	948.15
-----					
350.0	2	-----6" RBPB COMPLETE----- 6-375AST 6 RED PRESSURE ASSY 6" 375ASTOSY	5574.1200	EA	11148.24
351.0	4	6"X6'-0" DI FLXFL SPOOL CEMENT LINED TAR COATED	775.3100	EA	3101.24
352.0	4	6"X4'-0" DI FLXFL SPOOL CEMENT LINED TAR COATED	629.3400	EA	2517.36
353.0	8	6 DI FLANGED 90 132028 IMP L/ACC C110	219.7200	EA	1757.76
354.0	4	6 MJ X FLG ADAPT 422181 IMP L/ACC C153	101.1000	EA	404.40
355.0	20	6 ZINC 150# FLANGE ACC KIT W/ 1/8" RR GASKET	19.8000	EA	396.00
356.0	4	6 TUFGRIP DI JNT REST &ACC F	58.2500	EA	233.00

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0026414	4/03/23	12
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Line	Qty.	Description	Unit Price	UOM	Extended Price
357.0	4	114161 IMP W/ACC ADJUSTABLE PIPE STAND 24"-48"	64.3800	EA	257.52
358.0	2	QE-8.0 GS-8 CLAMSHELL-2 PIECE ----- ---4" RBPB BACKFLOW COMPLETE--	1524.4000	EA	3048.80
361.0	1	4-375ASTOSY 4 RDC PRS BFP	2383.5300	EA	2383.53
362.0	2	4"X6'-0" DI FLXFL SPOOL CEMENT LINED TAR COATED	646.2700	EA	1292.54
363.0	2	4"X4'-0" DI FLXFL SPOOL CEMENT LINED TAR COATED	499.1600	EA	998.32
364.0	4	4 DI FLANGED 90 131922 IMP L/ACC C110	142.0300	EA	568.12
365.0	2	4 MJ X FLG ADAPT 371175 IMP L/ACC C153	73.6300	EA	147.26
366.0	10	4 ZINC 150# FLANGE ACC KIT W/ 1/8" RR GASKET # FP04	12.5000	EA	125.00
367.0	2	4 TUFGRIP DI JNT REST &ACC F 114154 IMP W/ACC	47.1700	EA	94.34
368.0	2	ADJUSTABLE PIPE STAND 24"-48" ----- -----ARV C319-----	64.3800	EA	128.76
371.0	2	3826 12X2 FPT DBL BALE SDL	273.4100	EA	546.82
372.0	2	73149B 2 B CORP MIPXFIP NL	309.6800	EA	619.36
373.0	3	604 2 CXMIP ADPT	26.5300	EA	79.59
374.0	6	607 2 CXC 90 ELL	24.1500	EA	144.90
375.0	2	76102Q 2 CTSXFPT BALL CURB	405.2500	EA	810.50
376.0	2	2X6 RED BRASS NIPPLE	32.3000	EA	64.60
377.0	2	2 LF BRASS 90 ELBOW IMP	32.8400	EA	65.68
378.0	2	2" D040 AIR RELEASE/VAC VALVE	531.2500	EA	1062.50
379.0	2	2" MPT SS BUG SCREEN 2MBGSS ZZ SCR M02	29.4000	EA	58.80
380.0	4	PHOENIX #4 CONCRETE METER BOX	89.3200	EA	357.28
381.0	2	CHANDLER #4 POLYMER LID	156.2500	EA	312.50
382.0	60	2 X 20 K HARD COPPER TUBE	20.3900	FT	1223.40
383.0	1	600 2 CPLG W/STOP ----- ---ADD FOR TIE IN MATERIALS---	12.1200	EA	12.12
386.0	9	860-54-0334-16 HM2 13.15-14.41 12 HYMAX 2 WIDE RANGE COUPLING	694.5200	EA	6250.68
387.0	9	860-54-0217-16 HM2 8.54-9.84 8" HYMAX 2 WIDE RANGE COUPLING	384.5200	EA	3460.68
388.0	5	860-54-0163-16 HM2 6.42-7.68 6" HYMAX 2 WIDE RANGE COUPLING	345.3100	EA	1726.55
389.0	18	12" CL350 DIP SJ	51.6100	FT	928.98
390.0	18	8" TYTON DIP CL350 18'	34.3100	FT	617.58
391.0	18	6" TYTON DIP CL350 18' 18FT US PIPE	26.1500	FT	470.70
392.0	23	2X12 GALV STEEL NIPPLE	17.0200	EA	391.46
393.0	23	2 GALV MI CAP	7.4200	EA	170.66
394.0	23	2" GALV MI 90 ST ELL	15.0200	EA	345.46





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0026414	4/03/23	13
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Line	Qty.	Description	Unit Price	UOM	Extended Price
395.0	23	1M90S0909G 0555125 2 LFFBV-4 TXT FP BALL VALVE Spec sheet: <a href="https://pimmedia.winsupplyinc.com/pim/SPEC/082017/WATTS-REGULATOR-DRAINAGE-CO_0555125_07700555125_SPEC.pdf">https://pimmedia.winsupplyinc.com/pim/SPEC/082017/WATTS-REGULATOR-DRAINAGE-CO_0555125_07700555125_SPEC.pdf</a>	58.9500	EA	1355.85
		<b>SUBTOTAL</b>			<b>1058282.68</b>

<i>Tax Area Id</i>	<i>Net Sales</i>	<i>1,058,282.68</i>
<i>030130700</i>	<i>Freight</i>	<i>.00</i>
	<i>Tax</i>	<i>.00</i>
	<i>Quotation Total</i>	<i>1,058,282.68</i>

# QUOTE



Due to the continued cost and supply challenges in the DUCTILE IRON PIPE, PVC and HDPE markets, the pricing of these products will be based solely on the availability at the time of shipment. Also, given the volatility in these markets we will not be responsible for product availability and shipment delays, as they are out of our control. Bid prices should be considered an estimate, materials will only be priced at time of shipment until the current supply chain challenges are resolved. These terms are in leu of our standard terms. We appreciate your partnership.

CUSTOMER NO	QUOTING BRANCH	QUOTE NO	QUOTE DATE	PAGE
221074	FORTILINE PEORIA	6322133	4/03/23	1

CUSTOMER	PROJECT INFORMATION
B&F CONTRACTING INC 11011 N. 23RD AVENUE PHOENIX, AZ 85029	DOBSON RD TO CHIPPEMENTS PLACE

LINE	QTY	UOM	DESCRIPTION	UNIT PRICE	TOTAL PRICE
			<p>***** GIVEN THE CURRENT PRICING AND SUPPLY CHAIN CHALLENGES ALL MATERIAL WILL BE PRICED AT TIME OF SHIPMENT AND THE PRICES BELOW ARE TO BE USED AS AN ESTIMATE FOR BID PURPOSES ONLY *****</p> <p>***** ** FORTILINE WATERWORKS ** ** 8051 WEST OLIVE AVENUE ** ** PEORIA, AZ 85345 ** *****</p> <p>PHONE (623) 412-2333 FAX (623) 979-4555</p> <p>ATTENTION: CORINA NIMMO</p> <p>DATE: 04-04-2023</p> <p>NUMBER OF PAGES: 20</p> <p>QUOTATION BY: TODD CARRIGAN</p> <p>THIS TAKEOFF REPRESENTS THE TAKEOFF PROVIDED BY CORINA NIMMO. IT IS OFFERED UNDER FORTILINE WATERWORKS TERMS AND CONDITIONS, IF YOU NEED A COPY OF THOSE PLEASE CONTACT OUR OFFICE.</p> <p>SPECIAL ORDER MATERIAL MAY BE SUBJECT TO RESTOCKING CHARGES OR MAY NOT BE RETURNABLE.</p> <p>QUOTATION BASED ON PURCHASE OF TOTAL QUANTITY, ANY DEVIATION MAY RESULT IN PRICE CHANGES.</p> <p>I APPRECIATE THE OPPORTUNITY TO QUOTE YOU AND LOOK FORWARD TO WORKING WITH YOU ON THIS PROJECT.</p> <p>THANK YOU AND GOODLUCK!!!</p>		

## ALL STOCK DELIVERIES ARE SUBJECT TO SHIPPING CHARGES

All PVC and HDPE material is quoted for shipment within 7 days of quote/bid date. All other material is quoted for shipment within 30 days of quote/bid date.  
After 7 days for PVC and HDPE or 30 days for all other material, ALL quoted prices are subject to review based on current market conditions.

CUSTOMER NO	JOB NAME	QUOTE NO	QUOTE DATE	PAGE
221074	DOBSON RD TO CHIPPEMENTS PLACE	6322133	4/03/23	2

LINE	QTY	UOM	DESCRIPTION	UNIT PRICE	TOTAL PRICE
			***** *** CHANDLER BLVD. *** ***DOBSON RD TO CHIPPEMENTS*** *** CHANDLER AZ. *** *****		
			12" DIP WATER		
490	6876	FT	12" RJ DIP TR FLEX PR350	71.4300	491,152.68
			18-20 WEEK LEAD TIME		
510	7	EA	3"X1000' WATER DETECTOR TAPE	48.2600	337.82
			AS OF 4-3 STOCK IN MESA		
530	15	EA	14GA TRACER WIRE BLUE 500'	89.0100	1,335.15
			1-2 WEEK LEAD TIME		
550	50	EA	2"X100' POLY TAPE	9.7800	489.00
			AS OF 4-3 STOCK IN MESA		
570	7140	FT	27"X340' POLYWRAP BLACK F/10-12" DIP 20' PERFORATIONS	.7700	5,497.80
			1-2 WEEK LEAD TIME		
590	50	EA	2"X100' POLY TAPE	9.7800	489.00
			AS OF 4-3 STOCK IN PEORIA		
610	8	EA	12" FLG TEE C110	1,087.3600	8,698.88
			2-3 WEEK LEAD TIME		
630	1	EA	12"X8" MJXFLG TEE C153	492.8300	492.83
			AS OF 4-3 STOCK IN MESA		
650	1	EA	12" MJ TEE C153	497.1400	497.14
			AS OF 4-3 STOCK IN MESA		
670	2	EA	12"X8" MJ TEE C153	387.9200	775.84
			2-3 WEEK LEAD TIME		
690	2	EA	12"X8" FLG TEE C110	904.4300	1,808.86
			AS OF 4-3 STOCK IN MESA		
710	1	EA	12"X6" MJXFLG TEE C153	443.8700	443.87
			AS OF 4-3 STOCK IN MESA		
730	4	EA	12" MJXFLG ADPT C153	310.4400	1,241.76
			AS OF 4-3 STOCK IN PEORIA		
750	3	EA	12" MJ 22-1/2 C153	258.7900	776.37
			AS OF 4-3 STOCK IN MESA		
770	17	EA	12" MJ 45 C153	295.9200	5,030.64
			AS OF 4-3 STOCK IN MESA		
790	6	EA	12" MJ LONG SLEEVE C153	272.7800	1,636.68
			AS OF 4-3 STOCK IN MESA		
810	74	EA	12" STAR GRIP MJ REST DIP 3000	102.5200	7,586.48
			AS OF 4-3 STOCK IN MESA		
830	74	EA	12" MJ REGULAR ACC LESS GLAND	36.6700	2,713.58
			AS OF 4-3 STOCK IN MESA		
850	2	EA	8" STAR GRIP MJ REST DIP 3000	47.4700	94.94
			AS OF 4-3 STOCK IN MESA		
870	2	EA	8" MJ REGULAR ACC LESS GLAND	26.6200	53.24

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CUSTOMER NO	JOB NAME	QUOTE NO	QUOTE DATE	PAGE
221074	DOBSON RD TO CHIPPEMENTS PLACE	6322133	4/03/23	3

LINE	QTY	UOM	DESCRIPTION	UNIT PRICE	TOTAL PRICE
890	4	EA	AS OF 4-3 STOCK IN MESA 12" FLG BOLT KIT HDG A307B W/FF 1/8" MAG SBR GASKET PIZZA BOX STYLE	68.2500	273.00
			AS OF 4-3 STOCK IN MESA 12" PC-350 TJ DIP		
940	1404	FT	12" TJ DIP PR350	51.6100	72,460.44
			18-20 WEEK LEAD TIME		
960	3	EA	3"X1000' WATER DETECTOR TAPE	48.2600	144.78
			AS OF 4-3 STOCK IN MESA		
980	4	EA	14GA TRACER WIRE BLUE 500'	89.0100	356.04
			1-2 WEEK LEADD TIME		
1000	20	EA	2"X100' POLY TAPE	9.7800	195.60
			AS OF 4-3 STOCK IN MESA		
1020	1360	FT	27"X340' POLYWRAP BLACK F/10-12" DIP 20' PERFORATIONS	.7700	1,047.20
			1-2 WEEK LEAD TIME		
1040	10	EA	2"X100' POLY TAPE	9.7800	97.80
			AS OF 4-3 STOCK IN MESA		
			8" DIP RJ		
1090	378	FT	8" RJ DIP TR FLEX PR350	45.9200	17,357.76
			AS OF 4-3 STOCK IN PEORIA		
1110	1	EA	14GA TRACER WIRE BLUE 500'	89.0100	89.01
			1-2 WEEK LEAD TIME		
1130	5	EA	3"X1000' WATER DETECTOR TAPE	48.2600	241.30
			AS OF 4-3 STOCK IN MESA		
1150	340	FT	20"X340' POLYWRAP BLACK F/6-8" DIP 20' PERFORATIONS	.5700	193.80
			AS OF 4-3 STOCK IN MESA		
1170	5	EA	2"X100' POLY TAPE	9.7800	48.90
			AS OF 4-3 STOCK IN MESA		
1190	1	EA	12"X8" MJ TEE C153	387.9200	387.92
			2-3 WEEK LEAD TIME		
1210	1	EA	12"X8" FLG TEE C110	904.4300	904.43
			2-3 WEEK LEAD TIME		
1230	3	EA	12"X8" MJXFLG TEE C153	492.8300	1,478.49
			AS OF 4-3 STOCK IN MESA		
1250	1	EA	8"X6" MJ TEE C153	206.6000	206.60
			AS OF 4-3 STOCK IN PEORIA		
1270	3	EA	8"X6" MJXFLG TEE C153	231.8900	695.67
			AS OF 4-3 STOCK IN MESA		
1290	1	EA	8"X6" MJ REDUCER C153	98.4600	98.46
			AS OF 4-3 STOCK IN MESA		
1310	1	EA	8" MJXFLG ADPT C153	139.8900	139.89
			AS OF 4-3 STOCK IN MESA		

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CUSTOMER NO	JOB NAME	QUOTE NO	QUOTE DATE	PAGE
221074	DOBSON RD TO CHIPPEMENTS PLACE	6322133	4/03/23	4

LINE	QTY	UOM	DESCRIPTION	UNIT PRICE	TOTAL PRICE
1330	1	EA	8" FLG BOLT KIT HDG A307B W/FF 1/8" MAG SBR GASKET PIZZA BOX STYLE	29.6400	29.64
1350	8	EA	AS OF 4-3 STOCK IN MESA 12" STAR GRIP MJ REST DIP 3000	102.5200	820.16
1370	8	EA	AS OF 4-3 STOCK IN MESA 12" MJ REGULAR ACC LESS GLAND	36.6700	293.36
1390	11	EA	AS OF 4-3 STOCK IN MESA 8" STAR GRIP MJ REST DIP 3000	47.4700	522.17
1410	11	EA	2-3 WEEK LEAD TIME 8" MJ REGULAR ACC LESS GLAND	26.6200	292.82
1430	3	EA	2-3 WEEK LEAD TIME 8"X2" MJ TAPT PLUG C153	119.9800	359.94
1450	1	EA	2-3 WEEK LEAD TIME 8" MJ LONG SLEEVE C153	169.4800	169.48
			AS OF 4-3 STOCK IN MESA 16" TIE-IN		
1500	4	EA	16"X8" FLG TEE C110	1,507.0200	6,028.08
1520	2	EA	2-3 WEEK LEAD TIME 16" MJ LONG SLEEVE C153	521.3500	1,042.70
1540	1	EA	2-3 WEEK LEAD TIME 16" MJXFLG ADPT C153	562.7800	562.78
1560	18	FT	2-3 WEEK LEAD TIME 16" TJ DIP PR250	74.0800	1,333.44
1580	1	EA	AS OF 4-3 STOCK IN MESA 16" MJXF GV O/L A2361-19 L/ACC	9,601.0000	9,601.00
1600	6	EA	8-10 WEEK LEAD TIME 16" STAR GRIP MJ REST DIP 3000	194.2100	1,165.26
1620	6	EA	2-3 WEEK LEAD TIME 16" MJ REGULAR ACC LESS GLAND	57.9700	347.82
1640	2	EA	2-3 WEEK LEAD TIME 16" FLG BOLT KIT HDG A307B W/FF 1/8" NEOPRENE GSKT PIZZA BOX STYLE	72.7400	145.48
1660	1	EA	AS OF 4-3 STOCK IN MESA BLACK POLY LID F/562A VLV BOX CHANDLER SPEC	51.9400	51.94
1680	1	EA	AS OF 4/3 STOCK IN MESA 562A SLIP VB TOP L/LID	75.4000	75.40
1700	1	EA	AS OF 4-3 STOCK IN MESA 562AB SLIP VLV BOX BOTTOM	62.7800	62.78
1720	1	EA	AS OF 4-3 STOCK IN MESA DC457 BLUE DEBRIS CAP	63.0500	63.05
			AS OF 4-3 STOCK IN MESA TEMP CAP FOR TESTING		

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CUSTOMER NO	JOB NAME	QUOTE NO	QUOTE DATE	PAGE
221074	DOBSON RD TO CHIPPEMENTS PLACE	6322133	4/03/23	5

LINE	QTY	UOM	DESCRIPTION	UNIT PRICE	TOTAL PRICE
1770	1	EA	8"X2" MJ TAPT CAP C153	105.4500	105.45
1790	2	EA	AS OF 4-3 STOCK IN MESA 2" GALV STREET 90	22.1200	44.24
1810	1	EA	AS OF 4-3 STOCK IN MESA 2"X6" GALV NIPPLE	11.5900	11.59
1830	1	EA	1-2 WEEK LEAD TIME 2" THD BRASS GV NO LEAD	53.4100	53.41
1850	1	EA	AS OF 4-3 STOCK IN PEORIA 8" STAR GRIP MJ REST DIP 3000	47.4700	47.47
1870	1	EA	AS OF 4-3 STOCK IN MESA 8" MJ REGULAR ACC LESS GLAND	26.6200	26.62
			AS OF 4-3 STOCK IN MESA 6" PC-350 DIP		
1920	234	FT	6" RJ DIP TR FLEX PR350	35.0300	8,197.02
1940	1	EA	AS OF 4-3 STOCK IN PEORIA 3"X1000' WATER DETECTOR TAPE	48.2600	48.26
1960	1	EA	AS OF 4-3 STOCK IN MESA 14GA TRACER WIRE BLUE 500'	89.0100	89.01
1980	340	FT	1-2 WEEK LEAD TIME 20"X340' POLYWRAP BLACK F/6-8" DIP 20' PERFORATIONS	.5700	193.80
2000	6	EA	AS OF 4-3 STOCK IN MESA 2"X100' POLY TAPE	9.7800	58.68
2020	4	EA	AS OF 4-3 STOCK IN MESA 12"X6" MJXFLG TEE C153	443.8700	1,775.48
2040	6	EA	AS OF 4-3 STOCK IN MESA 6" MJ 90 C153	116.2100	697.26
2060	3	EA	1-2 WEEK LEAD TIME 6"X2" MJ TAPT CAP C153	75.8600	227.58
2080	9	EA	AS OF 4-3 STOCK IN PEORIA 12" STAR GRIP MJ REST DIP 3000	102.5200	922.68
2100	9	EA	2-3 WEEK LEAD TIME 12" MJ REGULAR ACC LESS GLAND	36.6700	330.03
2120	15	EA	2-3 WEEK LEAD TIME 6" STAR GRIP MJ REST DIP 3000	31.5900	473.85
2140	15	EA	AS OF 4-3 STOCK IN MESA 6" MJ REGULAR ACC LESS GLAND	23.6600	354.90
			AS OF 4-3 STOCK IN MESA 4" PIPE		
2190	54	FT	4" TJ DIP PR350	37.4100	2,020.14
2220	2	EA	20-22 WEEK LEAD TIME SEE ABOVE FOR TAPE,WIRE,PLOY 12"X4" MJXFLG TEE C153	420.7400	841.48
			2-3 WEEK LEAD TIME		

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221074	DOBSON RD TO CHIPPEMENTS PLACE	6322133	4/03/23	6

LINE	QTY	UOM	DESCRIPTION	UNIT PRICE	TOTAL PRICE
2240	4	EA	12" STAR GRIP MJ REST DIP 3000	102.5200	410.08
2260	4	EA	2-3 WEEK LEAD TIME 12" MJ REGULAR ACC LESS GLAND	36.6700	146.68
2280	8	EA	2-3 WEEK LEAD TIME 4" STAR GRIP MJ REST DIP 3000	26.8600	214.88
2300	8	EA	AS OF 4-3 STOCK IN MESA 4" MJ REGULAR ACC LESS GLAND	20.7000	165.60
2320	4	EA	AS OF 4-3 STOCK IN MESA 4" MJ 90 C153	71.0200	284.08
2340	2	EA	AS OF 4-3 STOCK IN MESA 4" FLG BOLT KIT HDG A307B W/FF 1/8" MAG SBR GASKET PIZZA BOX STYLE  AS OF 4-3 STOCK IN MESA TEMP CAP FOR TESTING	17.0300	34.06
2390	2	EA	4"X2" MJ TAPT CAP C153	55.4200	110.84
2410	4	EA	2-3 WEEK LEAD TIME 2" GALV STREET 90	22.1200	88.48
2430	2	EA	AS OF 4-3 STOCK IN MESA 2"X6" GALV NIPPLE	11.5900	23.18
2450	2	EA	1-2 WEEK LEAD TIME 2" THD BRASS GV NO LEAD	53.4100	106.82
2470	2	EA	AS OF 4-3 STOCK IN PEORIA 4" STAR GRIP MJ REST DIP 3000	26.8600	53.72
2490	2	EA	AS OF 4-3 STOCK IN MESA 4" MJ REGULAR ACC LESS GLAND  AS OF 4-3 STOCK IN MESA 12" SWING TIE-IN AT ACP	20.7000	41.40
2540	4	EA	12" QUANTUM CPLG 12.75-14.40 461-12751440-000 SMB	392.1100	1,568.44
2560	6	EA	2-3 WEEK LEAD TIME 12" MJ 45 C153	295.9200	1,775.52
2580	2	EA	AS OF 4-3 STOCK IN MESA 12" MJ 90 C153	357.7900	715.58
2600	16	EA	AS OF 4-3 STOCK IN MESA 12" STAR GRIP MJ REST DIP 3000	102.5200	1,640.32
2620	16	EA	2-3 WEEK LEAD TIME 12" MJ REGULAR ACC LESS GLAND  2-3 WEEK LEAD TIME TEMP CAP FOR TESTING	36.6700	586.72
2670	3	EA	12"X2" MJ TAPT CAP C153	173.2500	519.75
2690	6	EA	AS OF 4-3 STOCK IN MESA 2" GALV STREET 90	22.1200	132.72

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221074	DOBSON RD TO CHIPPEMENTS PLACE	6322133	4/03/23	7

LINE	QTY	UOM	DESCRIPTION	UNIT PRICE	TOTAL PRICE
2710	3	EA	1-2 WEEK LEAD TIME 2"X6" GALV NIPPLE	11.5900	34.77
2730	2	EA	1-2 WEEK LEAD TIME 2" THD BRASS GV NO LEAD	53.4100	106.82
2750	3	EA	AS OF 4-3 STOCK IN MESA 12" STAR GRIP MJ REST DIP 3000	102.5200	307.56
2770	3	EA	2-3 WEEK LEAD TIME 12" MJ REGULAR ACC LESS GLAND	36.6700	110.01
			2-3 WEEK LEAD TIME 8" SWING TIE-IN AT ACP		
2820	5	EA	8" QUANTUM CPLG 8.54-9.85 461-08540985-000 SMB	224.8100	1,124.05
2840	8	EA	2-3 WEEK LEAD TIME 8" MJ 45 C153	137.2000	1,097.60
2860	2	EA	AS OF 4-3 STOCK IN MESA 8" MJ 90 C153	167.8600	335.72
2880	20	EA	AS OF 4-3 STOCK IN MESA 8" STAR GRIP MJ REST DIP 3000	47.4700	949.40
2900	20	EA	2-3 WEEK LEAD TIME 8" MJ REGULAR ACC LESS GLAND	26.6200	532.40
			2-3 WEEK LEAD TIME TEMP CAP FOR TESTING		
2950	6	EA	8"X2" MJ TAPT CAP C153	105.4500	632.70
2970	12	EA	2-3 WEEK LEAD TIME 2" GALV STREET 90	22.1200	265.44
2990	6	EA	1-2 WEEK LEAD TIME 2"X6" GALV NIPPLE	11.5900	69.54
3010	6	EA	1-2 WEEK LEAD TIME 2" THD BRASS GV NO LEAD	53.4100	320.46
3030	6	EA	AS OF 4-3 STOCK IN MESA 8" STAR GRIP MJ REST DIP 3000	47.4700	284.82
3050	6	EA	2-3 WEEK LEAD TIME 8" MJ REGULAR ACC LESS GLAND	26.6200	159.72
			2-3 WEEK LEAD TIME 6" SWING TIE-IN AT ACP		
3100	5	EA	6" QUANTUM CPLG 6.54-7.65 461-06540765-000 SMB	226.0000	1,130.00
3120	6	EA	2-3 WEEK LEAD TIME 6" MJ 45 C153	94.1500	564.90
3140	5	EA	AS OF 4-3 STOCK IN MESA 6" MJ 90 C153	116.2100	581.05
3160	22	EA	1-2 WEEK LEAD TIME 6" STAR GRIP MJ REST DIP 3000	31.5900	694.98

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221074	DOBSON RD TO CHIPPEMENTS PLACE	6322133	4/03/23	8

LINE	QTY	UOM	DESCRIPTION	UNIT PRICE	TOTAL PRICE
3180	22	EA	2-3 WEEK LEAD TIME 6" MJ REGULAR ACC LESS GLAND	23.6600	520.52
			2-3 WEEK LEAD TIME TEMP CAP FOR TESTING		
3230	4	EA	6"X2" MJ TAPT CAP C153	75.8600	303.44
3250	11	EA	AS OF 4-3 STOCK IN PEORIA 2" GALV STREET 90	22.1200	243.32
3270	4	EA	1-2 WEEK LEAD TIME 2"X6" GALV NIPPLE	11.5900	46.36
3290	4	EA	1-2 WEEK LEAD TIME 2" THD BRASS GV NO LEAD	53.4100	213.64
3310	4	EA	6-8 WEEK LEAD TIME 6" STAR GRIP MJ REST DIP 3000	31.5900	126.36
3330	4	EA	2-3 WEEK LEAD TIME 6" MJ REGULAR ACC LESS GLAND	23.6600	94.64
			2-3 WEEK LEAD TIME 4" SWING TIE-IN AT ACP		
3380	1	EA	4" QUANTUM CPLG 4.46-5.60 461-04460560-000 SMB	160.2700	160.27
3400	1	EA	AS OF 4-3 STOCK IN PEORIA 6"X4" MJ REDUCER C153	67.7900	67.79
3420	1	EA	AS OF 4-3 STOCK IN MESA 6" STAR GRIP MJ REST DIP 3000	31.5900	31.59
3440	1	EA	2-3 WEEK LEAD TIME 6" MJ REGULAR ACC LESS GLAND	23.6600	23.66
3460	1	EA	2-3 WEEK LEAD TIME 4" STAR GRIP MJ REST DIP 3000	26.8600	26.86
3480	1	EA	AS OF 4-3 STOCK IN MESA 4" MJ REGULAR ACC LESS GLAND	20.7000	20.70
			AS OF 4-3 STOCK IN MESA TEMP CAP FOR TESTING		
3530	1	EA	4"X2" MJ TAPT CAP C153	55.4200	55.42
3550	2	EA	2-3 WEEK LEAD TIME 2" GALV STREET 90	22.1200	44.24
3570	1	EA	1-2 WEEK LEAD TIME 2"X6" GALV NIPPLE	11.5900	11.59
3590	1	EA	1-2 WEEK LEAD TIME 2" THD BRASS GV NO LEAD	53.4100	53.41
3610	1	EA	6-8 WEEK LEAD TIME 4" STAR GRIP MJ REST DIP 3000	26.8600	26.86
3630	1	EA	AS OF 4-3 STOCK IN MESA 4" MJ REGULAR ACC LESS GLAND	20.7000	20.70
			AS OF 4-3 STOCK IN MESA		

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221074	DOBSON RD TO CHIPPEMENTS PLACE	6322133	4/03/23	9

LINE	QTY	UOM	DESCRIPTION	UNIT PRICE	TOTAL PRICE
			HALF VERT. REALIGNMENT UP OR DOWN 12" VERT REALIGNMENT		
3700	2	EA	12" MJ 22-1/2 C153	258.7900	517.58
3720	14	EA	AS OF 4-3 STOCK IN PEORIA 12" MJ 45 C153	295.9200	4,142.88
3740	32	EA	AS OF 4-3 STOCK IN MESA 12" STAR GRIP MJ REST DIP 3000	102.5200	3,280.64
3760	32	EA	2-3 WEEK LEAD TIME 12" MJ REGULAR ACC LESS GLAND	36.6700	1,173.44
			2-3 WEEK LEAD TIME		
			8" VERT REALIGNMENT		
3810	10	EA	8" MJ 45 C153	137.2000	1,372.00
3830	20	EA	AS OF 4-3 STOCK IN MESA 8" STAR GRIP MJ REST DIP 3000	47.4700	949.40
3850	20	EA	2-3 WEEK LEAD TIME 8" MJ REGULAR ACC LESS GLAND	26.6200	532.40
			2-3 WEEK LEAD TIME		
			6" VERT REALIGNMENT		
3900	4	EA	6" MJ 45 C153	94.1500	376.60
3920	8	EA	6" VERT REALIGNMENT 6" STAR GRIP MJ REST DIP 3000	31.5900	252.72
3940	8	EA	2-3 WEEK LEAD TIME 6" MJ REGULAR ACC LESS GLAND	23.6600	189.28
			2-3 WEEK LEAD TIME		
			FULL VERT. REALIGNMENT UP AND DOWN 12" VERT REALIGNMENT		
4010	18	EA	12" MJ 45 C153	295.9200	5,326.56
4030	36	EA	AS OF 4-3 STOCK IN MESA 12" STAR GRIP MJ REST DIP 3000	102.5200	3,690.72
4050	36	EA	2-3 WEEK LEAD TIME 12" MJ REGULAR ACC LESS GLAND	36.6700	1,320.12
			2-3 WEEK LEAD TIME		
			8" VERT REALIGNMENT		
4100	16	EA	8" MJ 45 C153	137.2000	2,195.20
4120	32	EA	AS OF 4-3 STOCK IN MESA 8" STAR GRIP MJ REST DIP 3000	47.4700	1,519.04
4140	32	EA	2-3 WEEK LEAD TIME 8" MJ REGULAR ACC LESS GLAND	26.6200	851.84
			2-3 WEEK LEAD TIME		

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221074	DOBSON RD TO CHIPPEMENTS PLACE	6322133	4/03/23	10

LINE	QTY	UOM	DESCRIPTION	UNIT PRICE	TOTAL PRICE
			<b>6" VERT REALIGNMENT</b>		
4190	16	EA	6" MJ 45 C153	94.1500	1,506.40
			<b>AS OF 4-3 STOCK IN MESA</b>		
4210	32	EA	6" STAR GRIP MJ REST DIP 3000	31.5900	1,010.88
			<b>2-3 WEEK LEAD TIME</b>		
4230	32	EA	6" MJ REGULAR ACC LESS GLAND	23.6600	757.12
			<b>2-3 WEEK LEAD TIME</b>		
			<b>12" VALVE</b>		
4280	30	EA	12 MJXF GV O/L A2361-19SS/EPDM EVERDUR STEM	2,732.9100	81,987.30
			<b>12-16 WEEK LEAD TIME</b>		
4300	11	EA	12 MJ GV O/L A2361-23 SS/EPDM EVERDUR STEM	2,864.2900	31,507.19
			<b>12-16 WEEK LEAD TIME</b>		
4320	30	EA	12" FLG BOLT KIT HDG A307B W/FF 1/8" MAG SBR GASKET PIZZA BOX STYLE	68.2500	2,047.50
			<b>2-3 WEEK LEAD TIME</b>		
4340	52	EA	12" STAR GRIP MJ REST DIP 3000	102.5200	5,331.04
			<b>2-3 WEEK LEAD TIME</b>		
4360	52	EA	12" MJ REGULAR ACC LESS GLAND	36.6700	1,906.84
			<b>2-3 WEEK LEAD TIME</b>		
4380	41	EA	BLACK POLY LID F/562A VLV BOX CHANDLER SPEC	51.9400	2,129.54
			<b>4-6 WEEK LEAD TIME</b>		
4400	41	EA	562A SLIP VB TOP L/LID	75.4000	3,091.40
			<b>AS OF 4-3 STOCK IN MESA</b>		
4420	41	EA	562AB SLIP VLV BOX BOTTOM	62.7800	2,573.98
			<b>AS OF 4-3 STOCK IN MESA</b>		
4440	41	EA	DC457 BLUE DEBRIS CAP	63.0500	2,585.05
			<b>AS OF 4-3 STOCK IN MESA</b>		
			<b>12" PERMASEAL INSURTION VALVE</b>		
4490	6	EA	12" INSERTION VALVE PLUS INSTALLATION	32,972.9400	197,837.64
			<b>12-14 WEEK LEAD TIME</b>		
4530	6	EA	BLACK POLY LID F/562A VLV BOX CHANDLER SPEC	51.9400	311.64
			<b>4-6 WEEK LEAD TIME</b>		
4550	6	EA	562A SLIP VB TOP L/LID	75.4000	452.40
			<b>AS OF 4-3 STOCK IN MESA</b>		
4570	6	EA	562AB SLIP VLV BOX BOTTOM	62.7800	376.68
			<b>AS OF 4-3 STOCK IN MESA</b>		
4590	6	EA	DC457 BLUE DEBRIS CAP	63.0500	378.30
			<b>AS OF 4-3 STOCK IN MESA</b>		
4610	1	EA	12" MJ CAP C153	144.7300	144.73

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221074	DOBSON RD TO CHIPPEMENTS PLACE	6322133	4/03/23	11

LINE	QTY	UOM	DESCRIPTION	UNIT PRICE	TOTAL PRICE
4630	1	EA	AS OF 4-3 STOCK IN PEORIA 12" STAR GRIP MJ REST DIP 3000	102.5200	102.52
4650	1	EA	2-3 WEEK LEAD TIME 12" MJ REGULAR ACC LESS GLAND	36.6700	36.67
			2-3 WEEK LEAD TIME THRUST BLOCK 12"		
4700	10	EA	12" STAR GRIP MJ REST DIP 3000	102.5200	1,025.20
4720	10	EA	2-3 WEEK LEAD TIME 12" MJ REGULAR ACC LESS GLAND	36.6700	366.70
			2-3 WEEK LEAD TIME THRUST BLOCK 8" PIPE		
4770	8	EA	8" STAR GRIP MJ REST DIP 3000	47.4700	379.76
4790	8	EA	2-3 WEEK LEAD TIME 8" MJ REGULAR ACC LESS GLAND	26.6200	212.96
			2-3 WEEK LEAD TIME THRUST BLOCK 6" PIPE		
4840	2	EA	6" STAR GRIP MJ REST DIP 3000	31.5900	63.18
4860	2	EA	2-3 WEEK LEAD TIME 6" MJ REGULAR ACC LESS GLAND	23.6600	47.32
			2-3 WEEK LEAD TIME 8" VALVE		
4910	7	EA	8 MJXF GV O/L A2361-19 SS/EPDM EVERDUR STEM	1,424.4100	9,970.87
4930	3	EA	AS OF 4-3 STOCK IN MESA 8 MJ GV O/L A2361-23 SS/EPDM EVERDUR STEM	1,451.7800	4,355.34
4950	7	EA	AS OF 4-3 STOCK IN MESA 8" FLG BOLT KIT HDG A307B W/FF 1/8" MAG SBR GASKET PIZZA BOX STYLE	29.6400	207.48
4970	13	EA	AS OF 4-3 STOCK IN MESA 8" STAR GRIP MJ REST DIP 3000	47.4700	617.11
4990	13	EA	2-3 WEEK LEAD TIME 8" MJ REGULAR ACC LESS GLAND	26.6200	346.06
5010	10	EA	2-3 WEEK LEAD TIME BLACK POLY LID F/562A VLV BOX CHANDLER SPEC	51.9400	519.40
5030	10	EA	4-6 WEEK LEAD TIME 562A SLIP VB TOP L/LID	75.4000	754.00
5050	10	EA	AS OF 4-3 STOCK IN MESA 562AB SLIP VLV BOX BOTTOM	62.7800	627.80
5070	10	EA	AS OF 4-3 STOCK IN MESA DC457 BLUE DEBRIS CAP	63.0500	630.50
			AS OF 4-3 STOCK IN MESA 6" VALVE		

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221074	DOBSON RD TO CHIPPEMENTS PLACE	6322133	4/03/23	12

LINE	QTY	UOM	DESCRIPTION	UNIT PRICE	TOTAL PRICE
5120	7	EA	6 MJXF GV O/L A2361-19 SS/EPDM EVERDUR STEM	911.5300	6,380.71
5140	7	EA	<b>AS OF 4-3 STOCK IN MESA</b> 6" FLG BOLT KIT HDG A307B W/FF 1/8" MAG SBR GASKET PIZZA BOX STYLE	25.4800	178.36
5160	7	EA	<b>AS OF 4-3 STOCK IN MESA</b> 6" STAR GRIP MJ REST DIP 3000	31.5900	221.13
5180	7	EA	<b>2-3 WEEK LEAD TIME</b> 6" MJ REGULAR ACC LESS GLAND	23.6600	165.62
5200	7	EA	<b>2-3 WEEK LEAD TIME</b> BLACK POLY LID F/562A VLV BOX CHANDLER SPEC	51.9400	363.58
5220	7	EA	4-6 WEEK LEAD TIME 562A SLIP VB TOP L/LID	75.4000	527.80
5240	7	EA	AS OF 4-3 STOCK IN MESA 562AB SLIP VLV BOX BOTTOM	62.7800	439.46
5260	7	EA	AS OF 4-3 STOCK IN MESA DC457 BLUE DEBRIS CAP	63.0500	441.35
			<b>AS OF 4-3 STOCK IN MESA</b> <b>4" VALVE</b>		
5310	2	EA	4 MJXF GV O/L A2361-19 SS/EPDM EVERDUR STEM	681.8700	1,363.74
5330	2	EA	<b>AS OF 4-3 STOCK IN MESA</b> 4" FLG BOLT KIT HDG A307B W/FF 1/8" MAG SBR GASKET PIZZA BOX STYLE	17.0300	34.06
5350	2	EA	<b>AS OF 4-3 STOCK IN MESA</b> 4" STAR GRIP MJ REST DIP 3000	26.8600	53.72
5370	2	EA	<b>AS OF 4-3 STOCK IN MESA</b> 4" MJ REGULAR ACC LESS GLAND	20.7000	41.40
5390	2	EA	<b>AS OF 4-3 STOCK IN MESA</b> BLACK POLY LID F/562A VLV BOX CHANDLER SPEC	51.9400	103.88
5410	2	EA	4-6 WEEK LEAD TIME 562A SLIP VB TOP L/LID	75.4000	150.80
5430	2	EA	AS OF 4-3 STOCK IN MESA 562AB SLIP VLV BOX BOTTOM	62.7800	125.56
5450	2	EA	AS OF 4-3 STOCK IN MESA DC457 BLUE DEBRIS CAP	63.0500	126.10
			<b>AS OF 4-3 STOCK IN MESA</b> <b>FIRE HYDRANT WITH 6" DIP RUN</b>		
5500	1	EA	6" MJXFLG TEE C153	192.0800	192.08
5520	1	EA	<b>2-3 WEEK LEAD TIME</b> 6" MJ TEE C153	166.7900	166.79
5540	3	EA	<b>AS OF 4-3 STOCK IN MESA</b> 6" FLG TEE C110	295.9200	887.76
5560	1	EA	<b>2-3 WEEK LEAD TIME</b> 8"X6" MJ TEE C153	206.6000	206.60

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CUSTOMER NO	JOB NAME	QUOTE NO	QUOTE DATE	PAGE
221074	DOBSON RD TO CHIPPEMENTS PLACE	6322133	4/03/23	13

LINE	QTY	UOM	DESCRIPTION	UNIT PRICE	TOTAL PRICE
5580	1	EA	AS OF 4-3 STOCK IN MESA 8"X6" MJXFLG TEE C153	231.8900	231.89
5600	6	EA	AS OF 4-3 STOCK IN MESA 12"X6" MJXFLG TEE C153	443.8700	2,663.22
5620	6	EA	AS OF 4-3 STOCK IN MESA 6" MJXFLG ADPT C153	93.0800	558.48
5640	1	EA	AS OF 4-3 STOCK IN MESA 6"X24" GRADELOK MJXSWIVEL	486.2400	486.24
5660	3	EA	4-6 WEEK LEAD TIME 6" MJ 90 C153	116.2100	348.63
5680	1	EA	1-2 WEEK LEAD TIME 6" MJXFLG 90 C153	142.5800	142.58
5700	12	EA	AS OF 4-3 STOCK IN MESA 12" STAR GRIP MJ REST DIP 3000	102.5200	1,230.24
5720	12	EA	2-3 WEEK LEAD TIME 12" MJ REGULAR ACC LESS GLAND	36.6700	440.04
5740	4	EA	2-3 WEEK LEAD TIME 8" STAR GRIP MJ REST DIP 3000	47.4700	189.88
5760	4	EA	2-3 WEEK LEAD TIME 8" MJ REGULAR ACC LESS GLAND	26.6200	106.48
5780	49	EA	2-3 WEEK LEAD TIME 6" STAR GRIP MJ REST DIP 3000	31.5900	1,547.91
5800	49	EA	2-3 WEEK LEAD TIME 6" MJ REGULAR ACC LESS GLAND	23.6600	1,159.34
5820	11	EA	2-3 WEEK LEAD TIME 6 MJXF GV O/L A2361-19 SS/EPDM EVERDUR STEM	911.5300	10,026.83
5840	2	EA	AS OF 4-3 STOCK IN MESA 6 MJ GV O/L A2361-23 SS/EPDM EVERDUR STEM	911.5300	1,823.06
5860	13	EA	AS OF 4-3 STOCK IN MESA BLACK POLY LID F/562A VLV BOX CHANDLER SPEC	51.9400	675.22
5880	13	EA	4-6 WEEK LEAD TIME 562A SLIP VB TOP L/LID	75.4000	980.20
5900	13	EA	AS OF 4-3 STOCK IN MESA 562AB SLIP VLV BOX BOTTOM	62.7800	816.14
5920	13	EA	AS OF 4-3 STOCK IN MESA DC457 BLUE DEBRIS CAP	63.0500	819.65
5940	11	EA	AS OF 4-3 STOCK IN MESA 6" FLG BOLT KIT HDG A307B W/FF 1/8" MAG SBR GASKET PIZZA BOX STYLE	25.4800	280.28
5960	216	FT	AS OF 4-3 STOCK IN MESA 6" TJ DIP PR350	25.5800	5,525.28
5980	1	EA	AS OF 4-3 STOCK IN MESA 6" STAR GRIP BELL REST DIP 3100P	79.5800	79.58
6000	13	EA	AS OF 4-3 STOCK IN MESA 5-1/4VO HYD 4'6" 6MJ O/L A423	2,844.5200	36,978.76

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CUSTOMER NO	JOB NAME	QUOTE NO	QUOTE DATE	PAGE
221074	DOBSON RD TO CHIPPEMENTS PLACE	6322133	4/03/23	14

LINE	QTY	UOM	DESCRIPTION	UNIT PRICE	TOTAL PRICE
6040	13	EA	W/SS N&B, LOW ZINC STEM, L/ACC YELLOW 423-540444  AS OF 4-3 STOCK IN MESA CUSTOMER TO VERIFY HYDRANT DEPTH PRIOR TO PURCHASE 4-1/2" HYD RING OUT OF SERVICE  AS OF 4-3 STOCK IN PEORIA  2" SERVICE	11.9200	154.96
6090	3	EA	12X2 IP SDL BRZ AC/DIP DOUBLE STRAP 13.14-14.48	347.2400	1,041.72
6110	3	EA	16-18 WEEK LEAD TIME 2" BALL CORP MIPXPJC NL	375.6100	1,126.83
6130	3	EA	AS OF 4-3 STOCK IN MESA 2" BALL ANG VLV PJCXMTR FLG NL	495.2300	1,485.69
6150	3	EA	38 WEEK LEAD TIME #4 CONC MB 22-3/4X33-1/2X12	101.9200	305.76
6170	3	EA	AS OF 4-3 STOCK IN PEORIA #4 POLY LID W/READ HOLE F/CONC MAG METER BOX CHANDLER SPEC	133.1300	399.39
6190	80	FT	AS OF 4-3 STOCK IN PEORIA 2X20' TYPE K HARD COPPER TUBE	20.5400	1,643.20
6210	3	EA	14-16 WEEK LEAD TIME 2" COPPER SWEAT 45	32.6800	98.04
6230	7	EA	AS OF 4-3 STOCK IN MESA 2" COPPER SWEAT 90  AS OF 4-3 STOCK IN PEORIA  PRIVATE SIDE TIE-IN	22.2600	155.82
6280	3	EA	2" MTR GASKET DROP IN	.9600	2.88
6300	3	EA	AS OF 4-3 STOCK IN MESA 2" BRASS MTR FLG NL	94.7000	284.10
6320	3	EA	AS OF 4-3 STOCK IN PEORIA 2" BRASS METER BOLT & NUT SET	67.7300	203.19
6340	3	EA	AS OF 4-3 STOCK IN PEORIA 2" COPPER SWEAT MALE ADPT	38.8800	116.64
6360	5	EA	1-2 WEEK LEAD TIME 2" COPPER SWEAT 90	22.2600	111.30
6380	45	FT	1-2 WEEK LEAD TIME 2X20' TYPE K HARD COPPER TUBE  14-16 WEEK LEAD TIME  2" WATER SERVICE TIE-IN NO METER BOX	20.5400	924.30
6440	2	EA	12X2 IP SDL BRZ AC/DIP DOUBLE STRAP 13.14-14.48	347.2400	694.48
6460	80	FT	16-18 WEEK LEAD TIME 2X20' TYPE K HARD COPPER TUBE	20.5400	1,643.20

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CUSTOMER NO	JOB NAME	QUOTE NO	QUOTE DATE	PAGE
221074	DOBSON RD TO CHIPPEMENTS PLACE	6322133	4/03/23	15

LINE	QTY	UOM	DESCRIPTION	UNIT PRICE	TOTAL PRICE
6480	6	EA	14-16 WEEK LEAD TIME 2" COPPER SWEAT 45	32.6800	196.08
6500	2	EA	1-2 WEEK LEAD TIME 2" COPPER SWEAT 90	22.2600	44.52
6520	2	EA	1-2 WEEK LEAD TIME 2" COPPER SWEAT CPLG	17.7100	35.42
			AS OF 4-3 STOCK IN PEORIA 1-1/2" SERVICE		
6570	12	EA	12X1-1/2 IP SDL BRZ AC/DIP DOUBLE STRAP 13.14-14.48	341.0400	4,092.48
6590	12	EA	16-18 WEEK LEAD TIME 1-1/2" BALL CORP MIPXPJC NL	227.1300	2,725.56
6610	12	EA	38 WEEK LEAD TIME 1-1/2 BALL ANG VLV PCJXMTR FLG NO LEAD	388.5400	4,662.48
6630	12	EA	38 WEEK LEAD TIME #4 CONC MB 22-3/4X33-1/2X12 AS OF 4-3 STOCK IN MESA	101.9200	1,223.04
6650	12	EA	#4 POLY LID W/READ HOLE F/CONC MAG METER BOX CHANDLER SPEC	133.1300	1,597.56
6670	360	FT	AS OF 4-3 STOCK IN MESA 1-1/2X20' TYPE K HARD COPPER TUBING	11.8500	4,266.00
6690	14	EA	14-16 WEEK LEAD TIME 1-1/2" COPPER SWEAT 45	19.5700	273.98
6710	18	EA	1-2 WEEK LEAD TIME 1-1/2" COPPER SWEAT 90	12.7200	228.96
6730	14	EA	AS OF 4-3 STOCK IN MESA 1-1/2" COPPER SWEAT CPLG	10.6200	148.68
			AS OF 4-3 STOCK IN MESA PRIVATE SIDE TIE-IN		
6780	12	EA	1-1/2" MTR GASKET DROP IN AS OF 4-3 STOCK IN MESA	.9000	10.80
6800	12	EA	1-1/2" BRASS MTR FLG NL	72.5500	870.60
6820	12	EA	4-6 WEEK LEAD TIME 1-1/2 BRS METER BOLT & NUT SET	39.8900	478.68
6840	12	EA	3-5 WEEK LEAD TIME 1 1/2" COPPER SWEAT MALE ADPT	22.9800	275.76
6860	18	EA	1-2 WEEK LEAD TIME 1-1/2" COPPER SWEAT 90	12.7200	228.96
6880	120	FT	AS OF 4-3 STOCK IN MESA 1-1/2X20' TYPE K HARD COPPER TUBING	11.8500	1,422.00
			AS OF 4-3 STOCK IN MESA 1-1/2" SERVICE TIE-IN EXISTING METER		
6940	1	EA	12X1-1/2 IP SDL BRZ AC/DIP	341.0400	341.04

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221074	DOBSON RD TO CHIPPEMENTS PLACE	6322133	4/03/23	16

LINE	QTY	UOM	DESCRIPTION	UNIT PRICE	TOTAL PRICE
			DOUBLE STRAP 13.14-14.48		
6960	1	EA	16-18 WEEK LEAD TIME 1-1/2" BALL CORP MIPXPJC NL	227.1300	227.13
6980	1	EA	38 WEEK LEAD TIME 1-1/2 BALL ANG VLV PCJXMTR FLG NO LEAD	388.5400	388.54
7000	60	FT	38 WEEK LEAD TIME 1-1/2X20' TYPE K HARD COPPER TUBING	11.8500	711.00
7020	3	EA	14-16 WEEK LEAD TIME 1-1/2" COPPER SWEAT 90	12.7200	38.16
7040	1	EA	AS OF 4-3 STOCK IN MESA 1-1/2" COPPER SWEAT 45	19.5700	19.57
7060	1	EA	AS OF 4-3 STOCK IN MESA 1-1/2" COPPER SWEAT CPLG	10.6200	10.62
			AS OF 4-3 STOCK IN MESA 1" WATER SERVICE		
7110	5	EA	12X1 IP SDL BRZ AC/DIP DOUBLE STRAP 13.14-14.48	302.3500	1,511.75
7130	5	EA	14-16 WEEK LEAD TIME 1" BALL CORP MIPXPJC NL	100.6500	503.25
7150	100	FT	AS OF 4-3 STOCK IN MESA 1X100' TYPE K COPPER TUBING	10.3200	1,032.00
7170	60	FT	AS OF 4-3 STOCK IN MESA 1X60' TYPE K COPPER TUBING	10.3200	619.20
7190	5	EA	AS OF 4-3 STOCK IN MESA 1" BALL ANG VLV PJXMSN NL	186.3100	931.55
7210	5	EA	AS OF 4-3 STOCK IN PEORIA 18"X25-3/4" CONCRETE MAG MB #2	72.2700	361.35
7230	5	EA	48-52 WEEK LEAD TIME #2 POLY LID W/READ HOLE F/CONC MAG METER BOX CHANDLER SPEC	66.8900	334.45
7250	6	EA	AS OF 4-3 STOCK IN MESA 4"X6' SCH40 PIPE PEXPE	176.4700	1,058.82
			2-3 WEEK LEAD TIME PRIVATE SIDE TIE-IN		
7300	5	EA	1"X2-5/8 MTR CPLG NL	22.6100	113.05
7320	60	FT	AS OF 4-3 STOCK IN PEORIA 1X60' TYPE K COPPER TUBING	10.3200	619.20
7340	5	EA	AS OF 4-3 STOCK IN MESA 1" CPLG PJCXPJC E2609 LOW LEAD	32.2500	161.25
			38 WEEK LEAD TIME 1" WATER SERVICE TIE-IN NO METER BOX		

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221074	DOBSON RD TO CHIPPEMENTS PLACE	6322133	4/03/23	17

LINE	QTY	UOM	DESCRIPTION	UNIT PRICE	TOTAL PRICE
7400	1	EA	12X1 IP SDL BRZ AC/DIP DOUBLE STRAP 13.14-14.48	302.3500	302.35
7420	1	EA	<b>14-16 WEEK LEAD TIME</b> 1" BALL CORP MIPXPJC NL	100.6500	100.65
7440	60	FT	<b>AS OF 4-3 STOCK IN MESA</b> 1X60' TYPE K COPPER TUBING	10.3200	619.20
7460	1	EA	<b>AS OF 4-3 STOCK IN MESA</b> 1" CPLG PJCXPJC E2609 LOW LEAD	32.2500	32.25
7480	1	EA	<b>38 WEEK LEAD TIME</b> 1" BALL ANG VLV PJXMSN NL	186.3100	186.31
			<b>AS OF 4-3 STOCK IN PEORIA</b> <b>2" RP BACKFLOW ASSEMBLY</b>		
7530	1	EA	2" RED PRS BFP LF009M2QT LEAD FREE	652.7300	652.73
7550	2	EA	<b>AS OF 4-3 STOCK IN MESA</b> 2" COPPER SWEAT MALE ADPT	38.8800	77.76
7570	20	FT	<b>AS OF 4-3 STOCK IN PEORIA</b> 2X20' TYPE K HARD COPPER TUBE	20.5400	410.80
7590	4	EA	<b>14-16 WEEK LEAD TIME</b> 2" COPPER SWEAT 90	22.2600	89.04
7610	1	EA	<b>1-2 WEEK LEAD TIME</b> 2" CAST COPPER UNION	150.5800	150.58
7630	1	EA	<b>AS OF 4-3 STOCK IN MESA</b> 10"X24"X40" BACKFLOW CAGE BP-3 LIFT OFF	396.6800	396.68
			<b>1-2 WEEK LEAD TIME</b> <b>1-1/2" RP BACKFLOW ASSEMBLY</b>		
7680	3	EA	1-1/2" RED PRS BFP LF009M2QT LEAD FREE	565.2700	1,695.81
7700	12	EA	<b>1-1/2" RP BACKFLOW ASSEMBLY</b> 1-1/2" COPPER SWEAT 90	12.7200	152.64
7720	6	EA	<b>1-2 WEEK LEAD TIME</b> 1 1/2" COPPER SWEAT MALE ADPT	22.9800	137.88
7740	3	EA	<b>1-2 WEEK LEAD TIME</b> 1-1/2" CAST COPPER UNION	71.8000	215.40
7760	60	FT	<b>1-2 WEEK LEAD TIME</b> 1-1/2X20' TYPE K HARD COPPER TUBING	11.8500	711.00
7780	3	EA	<b>14-16 WEEK LEAD TIME</b> 10"X24"X40" BACKFLOW CAGE BP-3 LIFT OFF	396.6800	1,190.04
			<b>1-2 WEEK LEAD TIME</b> <b>1" RP BACKFLOW ASSEMBLY</b>		

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CUSTOMER NO	JOB NAME	QUOTE NO	QUOTE DATE	PAGE
221074	DOBSON RD TO CHIPPEMENTS PLACE	6322133	4/03/23	18

LINE	QTY	UOM	DESCRIPTION	UNIT PRICE	TOTAL PRICE
7830	3	EA	1" RED PRS BFP LF009M2QT LEAD FREE	291.2100	873.63
7850	12	EA	2-3 WEEK LEAD TIME 1" COPPER SWEAT 90	8.3700	100.44
7870	6	EA	1-2 WEEK LEAD TIME 1" COPPER SWEAT MALE ADPT	13.6500	81.90
7890	3	EA	1-2 WEEK LEAD TIME 1" COPPER SWEAT UNION	34.6200	103.86
7910	60	FT	AS OF 4-3 STOCK IN MESA 1X20' TYPE K HARD COPPER TUBE	7.2700	436.20
7930	3	EA	AS OF 4-3 STOCK IN MESA 10"X24"X22" BACKFLOW CAGE BP-1 LIFT OFF	324.5900	973.77
			AS OF 4-3 STOCK IN MESA  FIRELINE AND FDC MODIFIED INSTALLATION PER CANDLER DETAIL FD103  6" RP BACKFLOW COC C-315		
8020	2	EA	6" RED PRS BFP W/OSY 957OSY	4,572.6400	9,145.28
8040	4	EA	AS OF 4-3 IN STOCK LOCALLY 6" FLGXFLG DIP 6'00"	794.1700	3,176.68
8060	4	EA	AS OF 4-3 STOCK IN MESA 6" FLGXFLG DIP 4'00"	631.3600	2,525.44
8080	8	EA	2-3 WEEK LEAD TIME 6" FLG 90 C110	202.3000	1,618.40
8100	4	EA	AS OF 4-3 STOCK IN MESA 6" MJXFLG ADPT C153	93.0800	372.32
8120	20	EA	AS OF 4-3 STOCK IN MESA 6" FLG BOLT KIT HDG A307B W/FF 1/8" MAG SBR GASKET PIZZA BOX STYLE	25.4800	509.60
8140	4	EA	AS OF 4-3 STOCK IN MESA 6" STAR GRIP MJ REST DIP 3000	31.5900	126.36
8160	4	EA	2-3 WEEK LEAD TIME 6" MJ REGULAR ACC LESS GLAND	23.6600	94.64
8180	4	EA	2-3 WEEK LEAD TIME PS-100-S ADJ PIPE SUPPORT	66.7400	266.96
			AS OF 4-3 STOCK IN MESA  GUARD SHACK FOR 6" RP BACKFLOW  4" RP BACKFLOW COC C-315		
8260	1	EA	4" RED PRS BFP W/OSY 957OSY	2,484.3100	2,484.31
8280	2	EA	AS OF 4-3 IN STOCK LOCALLY 4" FLGXFLG DIP 6'00"	647.3500	1,294.70
			AS OF 4-3 STOCK IN MESA		

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221074	DOBSON RD TO CHIPPEMENTS PLACE	6322133	4/03/23	19

LINE	QTY	UOM	DESCRIPTION	UNIT PRICE	TOTAL PRICE
8300	2	EA	4" FLGXFLG DIP 4'00"	511.6800	1,023.36
8320	4	EA	AS OF 4-3 STOCK IN MESA 4" FLG 90 C110	130.7400	522.96
8340	2	EA	AS OF 4-3 STOCK IN MESA 4" MJXFLG ADPT C153	67.7900	135.58
8360	10	EA	AS OF 4-3 STOCK IN MESA 4" FLG BOLT KIT HDG A307B W/FF 1/8" MAG SBR GASKET PIZZA BOX STYLE	17.0300	170.30
8380	2	EA	AS OF 4-3 STOCK IN MESA 4" STAR GRIP MJ REST DIP 3000	26.8600	53.72
8400	2	EA	AS OF 4-3 STOCK IN MESA 4" MJ REGULAR ACC LESS GLAND	20.7000	41.40
8420	2	EA	AS OF 4-3 STOCK IN MESA PS-100-S ADJ PIPE SUPPORT	66.7400	133.48
			AS OF 4-3 STOCK IN MESA AIR RELEASE C-319		
8470	2	EA	12X2 IP SDL BRZ AC/DIP DOUBLE STRAP 13.14-14.48	347.2400	694.48
8490	2	EA	16-18 WEEK LEAD TIME 2" BALL CORP MIPXPJC NL	375.6100	751.22
8510	60	FT	AS OF 4-3 STOCK IN MESA 2X20' TYPE K HARD COPPER TUBE	20.5400	1,232.40
8530	6	EA	14-16 WEEK LEAD TIME 2" COPPER SWEAT 90	22.2600	133.56
8550	1	EA	1-2 WEEK LEAD TIME 2" COPPER SWEAT CPLG	17.7100	17.71
8570	2	EA	AS OF 4-3 STOCK IN PEORIA 2" BALL VALVE PJCXFIP P-25172N LOW LEAD	396.2700	792.54
8590	2	EA	38 WEEK LEAD TIME 2"X6" BRASS NIPPLE	42.8400	85.68
8610	2	EA	AS OF 4-3 STOCK IN MESA 2" BRASS STREET 90 NO LEAD	59.6800	119.36
8630	2	EA	AS OF 4-3 STOCK IN MESA 2" THD NYLON COMBO ARV D040P	468.6100	937.22
8650	4	EA	AS OF 4-3 STOCK IN PEORIA 2" SCH80 PVC 90 FXF	13.4800	53.92
8670	2	EA	AS OF 4-3 STOCK IN PEORIA 2"X CLOSE SCH80 PVC NIPPLE	4.2600	8.52
8690	2	EA	AS OF 4-3 STOCK IN MESA 2" BUG SCREEN MIPT F/ARV VALVE FOR ARV VALVE	24.3600	48.72
8710	4	EA	2-3 WEEK LEAD TIME #4 CONC MB 22-3/4X33-1/2X12	101.9200	407.68
			AS OF 4-3 STOCK IN MESA		

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221074	DOBSON RD TO CHIPPEMENTS PLACE	6322133	4/03/23	20

LINE	QTY	UOM	DESCRIPTION	UNIT PRICE	TOTAL PRICE
8730	2	EA	#4 POLY LID W/READ HOLE F/CONC MAG METER BOX CHANDLER SPEC  AS OF 4-3 STOCK IN MESA  ADDITIONAL MATERIAL FOR TIE-INS TO CAP PIPE THAT WILL BE ABANDONED LATER	133.1300	266.26
8800	9	EA	12" HYMAX2 OS CPLG 13.15-14.41 W/FLIP GASKET	787.3200	7,085.88
8820	9	EA	AS OF 4-3 STOCK IN PEORIA 8" HYMAX2 COUPLING 8.54-9.84 W/FLIP GASKET	433.4100	3,900.69
8840	5	EA	1-2 WEEK LEAD TIME 6" HYMAX2 COUPLING 6.42-7.68 W/FLIP GASKET	383.8800	1,919.40
8860	18	FT	1-2 WEEK LEAD TIME 12" TJ DIP PR350	51.6100	928.98
8880	18	FT	16-18 WEEK LEAD TIME 8" TJ DIP PR350	33.9700	611.46
8900	18	FT	AS OF 4-3 STOCK IN MESA 6" TJ DIP PR350	25.5800	460.44
8920	23	EA	AS OF 4-3 STOCK IN MESA 2"X12" GALV NIPPLE	25.3300	582.59
8940	23	EA	2-3 WEEK LEAD TIME 2" GALV CAP	8.4500	194.35
8960	23	EA	2-3 WEEK LEAD TIME 2" GALV STREET 90	22.1200	508.76
8980	23	EA	2-3 WEEK LEAD TIME 2" BRASS BALL VALVE NO LEAD  4-6 WEEK LEAD TIME	88.4700	2,034.81
				Subtotal:	1,249,555.46
				Tax:	.00
				Bid Total:	1,249,555.46

ALL STOCK DELIVERIES ARE SUBJECT TO SHIPPING CHARGES

All PVC and HDPE material is quoted for shipment within 7 days of quote/bid date. All other material is quoted for shipment within 30 days of quote/bid date.

After 7 days for PVC and HDPE or 30 days for all other material, ALL quoted prices are subject to review based on current market conditions.

Ent By TC3 4/04/23 14:01:27

SUPPLIER		MATERIAL AND UNIT RATES											
		MAG ABC		COLD PATCH		WASHED SAND	Hot Mix			NOTES			
Desert Ready Mix		\$	21.44		\$	45.45	P	\$	33.00				
Martin Marietta		\$	28.50	P	\$	148.20		\$	33.00				
Vulcan		\$	22.20		\$	148.20		\$	28.85	\$	83.35		
NOTES: Used \$22 dollars in the estimate to as a average cost between to the two lowest bidders.													



# DESERT READY MIX

READY MIX CONCRETE SALES AND SERVICE

4011 PRESIDIO STREET

MESA, AZ 85215

OFFICE: 480-428-2280 FAX: 480-985-4248

Begin Date: February 22, 2023

Expiration Date: **October 1, 2023**

Quote # : 18138

MAP/GRID 167-31

Customer: **B & F CONTRACTING INC**

Customer Code: BFCO001

Address: 11011 N 23RD AVE  
PHOENIX, AZ 85029

Contact: AMIT SATRE (ESTIMATOR)

Phone: 623-582-1170

Fax:

Project: **CHANDLER DOBSON SEWER IMPROVEMENTS**

Job Address: DOBSON ROAD & CHANDLER BLVD

Terms Description: **2% 10TH NET 30**

Item Code	Item Description	Est. Qty	Price
S500501	PHCLSM.5 (1/2 SACK SLURRY COP)	Per Yard	\$115.00
SRP104	1/2 SACK MAG CLSM (SRP MIX IF NEEDED)	Per Yard	\$115.00
S501001	PHCLSM1 (1 SACK SLURRY)	Per Yard	\$119.00
SRP105	1 SACK MAG CLSM (SRP MIX IF NEEDED)	Per Yard	\$119.00
A202001	MAG C 2000 PSI	Per Yard	\$146.00
A202501	MAG B 2500 PSI	Per Yard	\$150.00
A203001	MAG A 3000 PSI	Per Yard	\$154.00
A204001	MAG AA 4000 PSI	Per Yard	\$162.00
TC	TEMPERATURE CONTROL	Per Yard	\$1.00
AG010003	MAG SPEC ABC (NON-LIME) DELIVERED	Per Ton	\$18.50
AG010004	MAG SPEC ABC (LIME TREATED) DELIVERED	Per Ton	\$21.50
COLD MIX	ASPHALT COLD MIX DELIVERED	600	\$45.45

## Additional Fees

Fee ID *	UOM	Price
E01	Per Yard	\$3.25
<b>FSC</b>	<b>Per Load</b>	<b>\$TBD</b>

## Minimum Load Fee

Less than or equal to	UOM	Price
2 Yards	Load	\$0.00
3.5 Yards	Load	\$0.00
5.5 Yards	Load	\$0.00



# DESERT READY MIX

READY MIX CONCRETE SALES AND SERVICE

4011 PRESIDIO STREET

MESA, AZ 85215

OFFICE: 480-428-2280 FAX: 480-985-4248

- Normal operating hours are Mon-Fri, Sat, Sun or Holidays are subject to surcharges.
- Color added at no expressed guarantee.
- Drivers do not accept cash or make change.
- Desert Ready Mix reserves the right to increase prices due to RAW Material cost increases such as Cement, Fly Ash, Aggregates or unexpected Fuel increases.
- All specialized aggregate sales are based on availability.
- Concrete deliveries less than 6 Cubic yards and Aggregates deliveries are subject to our minimum load charges.
- This quote does not guarantee product or service availability
- All Aggregates and Concrete loads have an additional fuel surcharge.
- 10.31.23 \$10.00 per ton increase for Cold Mix.
- 10.31.23 \$1.00 per ton increase for Non-lime ABC.
- 10.31.23 \$2.00 per ton increase for Lime Treated ABC.

Quoted By:

BRUCE A. TABET





Account Name : B & F CONTRACTING INC

Account Number : 992678

Customer Address: 11011 N 23RD AVE, PHOENIX, AZ 85029-4828, US

Customer Contact:

**Project Name: DOBSON SEWER & WATER  
IMPRVTS PROJECT**

Project Address:

DOBSON RD & CHANDLER RD  
CHANDLER, AZ 85224, County

Quote ID: 50140153

Quote Date: 2/23/2023

**Quote Expiration: 4/30/2023**

Martin Marietta is pleased to quote prices on the following products for the above listed project:

Product	Product ID	Plant	Quantity	UM	Unit Price	Haul Rate	Truck Type	Total Price Per Unit
SAND - CONCRETE	4528	Coolidge Aggregates	1	TN	\$19.00	\$14.00 (Ton)		\$33.00
MAG ABC(AGGREGATE BASE COURSE)	4618	Coolidge Aggregates	1	TN	\$14.50	\$14.00 (Ton)		\$28.50

**PAYMENT TERMS NET 30 FROM DATE OF INVOICE**

**THE FOLLOWING PRICING IS FOR ACCEPTANCE BY THE QUOTE EXPIRATION DATE LISTED ABOVE. IF NOT ACCEPTED BY THE ABOVE DATE, ALL PRICES STATED HEREIN ARE VALID ONLY AT THE OPTION OF MARTIN MARIETTA MATERIALS INC.**

**ALL SALES ARE PRESUMED TO BE TAXABLE UNLESS AND UNTIL A COMPLETE AND ACCURATE SALES TAX EXEMPTION CERTIFICATE IS RECEIVED. QUOTED PRICES DO NOT INCLUDE SALES TAX.**



Account Name : B & F CONTRACTING INC

Account Number : 992678

Customer Address: 11011 N 23RD AVE, PHOENIX, AZ 85029-4828, US

Customer Contact:

#### Terms:

1. This quotation will be valid for a period of thirty (30) days unless otherwise set forth on the face hereof. In order to make it a binding agreement, the Customer must accept all of its terms by either signing and returning a copy to Martin Marietta or by accepting products sold by Martin Marietta within that period of time. Any quotation that does not become binding prior to the quote expiration date above will lapse.
2. If the terms of this quotation are accepted, it will constitute an agreement under which Martin Marietta will sell the products shown to the Customer, and the Customer will purchase such products from Martin Marietta, for the prices indicated, during the time period specified at the time of sale or agreed to by the parties in writing.
3. At the time of shipment, Martin Marietta warrants good title and conformance to the specifications set forth on the face hereof or, if no specifications are so referenced, the customary specifications of Martin Marietta for such products from the facility of Martin Marietta indicated above. No other specifications will apply, including, without limitation, those relating to moisture. Other than the warranties stated in the first sentence of this paragraph, MARTIN MARIETTA HEREBY EXCLUDES ANY AND ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, WRITTEN OR ORAL, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY AND ALL WARRANTIES OF FITNESS FOR ANY PARTICULAR PURPOSE AND ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AS TO THE PERFORMANCE OF ITS AGGREGATES, WHETHER WITH RESPECT TO ALKALI-AGGREGATE REACTIVITY. IF PRODUCT IS UNSATISFACTORY, MARTIN MARIETTA'S LIABILITY IS LIMITED TO FURNISHING REPLACEMENT MATERIAL. IN NO EVENT SHALL MARTIN MARIETTA BE LIABLE TO CUSTOMER FOR LOSS OF PROFITS OR REVENUE OR FOR ANY OTHER CONSEQUENTIAL, INCIDENTAL, SPECIAL OR PUNITIVE DAMAGES.
4. All products will be delivered FOB at the particular facility of Martin Marietta indicated above or as otherwise shown. Deliveries will occur in a manner that conforms to customary industry practice. If deliveries are to occur at a jobsite, a safe and secure delivery area must be provided by the Customer. Deliveries made inside curb line or on the lot are at Customer's risk only, and Martin Marietta accepts no responsibility whatsoever for damage resulting from such deliveries.
5. The Customer will be responsible for all compaction and other preparatory work required at the jobsite prior to the placement of the products shown. Martin Marietta will not be responsible for any problems that may arise if such preparatory work is not properly performed.
6. The prices set forth above are based upon the provisions of this quotation and the customary production and delivery practices of Martin Marietta. If the Customer hereafter requests action by Martin Marietta that is not customary, Martin Marietta will attempt to comply with the request, subject to the following:
  - A. If the Customer requests additives to products which are not a part of the applicable specifications described above, they will be added by Martin Marietta, if available, and an amount equal to the then standard price of Martin Marietta for such additives will be added to the purchase price. Customer remains responsible for determining appropriate specifications and additives, if any, appropriate for its specific project.
  - B. If the Customer requests delivery FOB at the jobsite in trucks or trailers that are different from customary tractors with end or bottom dump trailers, Martin Marietta will attempt to comply with such request and, if successful, will add the then standard prices of Martin Marietta for such trucks or trailers to the purchase price.
  - C. If the Customer requests deliveries of products at night or on weekends or holidays, Martin Marietta will attempt to comply with such request, subject to sufficient advance notice and a prior agreement with the Customer regarding additional charges for such services that will be added to the purchase price.
7. In addition, Martin Marietta may also add amounts to the purchase prices to reflect fuel surcharges that are imposed by third parties in connection with any shipment of the products shown or any materials that are used in the production thereof, or any other recuperative charges that are then applied by Martin Marietta to similar sales. Demurrage charges will begin after the first hour of waiting at the jobsite and will be \$50 per hour per truck, charged in no less than 30 minute increments.
8. Shipments are subject to prior credit approval. If credit is approved, all payments must be made in accordance with the then applicable credit policies of Martin Marietta, and if not so made, the agreement that is contemplated herein may be terminated by Martin Marietta immediately. Terms of payment are net 30 days following date of invoice, and payment is not dependent on receipt of payment by Customer from Owner or others. If not paid when due, Customer agrees to pay interest charges at the rate of 1.5% per month or the maximum lawful rate, whichever is lower, and Martin Marietta's reasonable costs of collection, including reasonable attorney's fees.
9. All deliveries of products are subject to delays that may be experienced by Martin Marietta in connection with adverse weather conditions, labor disputes, strikes, sabotage, war, governmental action, mechanical failures, inventory shortages, rail or truck transportation, and other similar events. Under such circumstances, Martin Marietta shall have the additional time needed to complete the order and/or the right to allocate the available supply in any manner it selects.
10. The Customer will be responsible for any taxes owed as a result of the sale of products hereunder unless the Customer provides Martin Marietta with a valid tax exemption certificate or other documentation properly indicating that such taxes should not be collected.
11. Martin Marietta shall not be deemed to have waived any right, power, privilege or remedy unless such waiver is expressly in writing and duly executed. No partial exercise, failure to exercise, delay in exercising or course of dealing with respect to any right, power, privilege or remedy shall operate as a waiver thereof by Martin Marietta or of any other right, power, privilege or remedy.
12. These terms shall control the sale and purchase of the products shown and shall be a part of the Customer's purchase agreement and may not be modified or altered in any way unless expressly approved in writing by a duly authorized representative of Martin Marietta. Any acceptance by the Customer that changes the terms hereof will not be effective. Martin Marietta is not bound by any Prime Contract between Owner and Customer which Seller has not signed.
13. The laws of the state of North Carolina shall govern the validity, interpretation, construction and effect of these terms and conditions and any Order,



Account Name : B & F CONTRACTING INC

Account Number : 992678

Customer Address: 11011 N 23RD AVE, PHOENIX, AZ 85029-4828, US

Customer Contact:

without regard to principles of conflict or choice of law.

BY SIGNING BELOW OR ACCEPTING PRODUCTS SOLD BY MARTIN MARIETTA, THE CUSTOMER AGREES TO BE BOUND BY THE TERMS AND CONDITIONS FOLLOWING THIS SIGNATURE LINE:

Signature

Print Name

Date

Should you have any questions concerning this quote, please contact  
**DONALD REA at [Donald.Rea@martinmarietta.com](mailto:Donald.Rea@martinmarietta.com)**

# Quotation

**Attn:** AMIT SATRE

**Quote Name:** DOBSON ROAD & CHANDLER BLVD INTERSE  
**Quote #:** 558491

B & F GENERAL CONTRACTING  
11011 N 23RD AVE  
PHOENIX, AZ 85029  
**Acct#:** 213518

**N DOBSON RD & W CHANDLER BLVD / CHAN**  
AZ051096  
CHANDLER, AZ 85224

<b>Date:</b>	Monday, February 27, 2023	<b>Sales Rep :</b>	Kristin Gigis
<b>Quote Created:</b>	Monday, February 27, 2023		2526 E University Drive
<b>Effective From:</b>	Monday, February 27, 2023	<b>Phone:</b>	PHOENIX, AZ 85034
<b>Quote Expiration:</b>	Sunday, March 26, 2023	<b>Fax :</b>	(480) 208-1056
<b>Price Expiration:</b>	Saturday, September 30, 2023	<b>Email:</b>	gigisk@vmcmail.com

## Special Instructions:

All daily orders under 100 tons of asphalt are subject to Gomez Pricing plus the haul.  
This quote is limited to acceptance within 30 days from the date of this quotation, after which time the quotation is subject to review and revision.

Material quoted based on no specs reviewed. If any changes or different materials are required, the material is subject to price adjustment.

## PLANT PREMIUMS

Prices quoted are for delivery during regular business hours - Monday thru Friday, 6 AM to 5 PM. Plant Premium for Monday - Friday night production (per 8-hour shifts) will be charged \$2,000.00 per shift. Plant Premium for Saturday production (per 8-hour shifts) will be charged \$1,000.00 per shift. Plant Premium for Sunday production (per 8-hour shifts) will be charged \$2,000.00 per shift. Any overtime will be charged at \$350.00 per hour.

## TRUCKING ADDITIONAL FEES

Trucking is based on availability. The delivered price is based on 23.50 tons (full load); a short load fee will apply if under 23.50 tons. Truck stand-by will be charged on-site after the first 20 minutes at the rate of \$100 per hour or \$1.67 per minute. All night work will be subject to an 8-hour minimum hourly haul charge and subject to additional charges pending the hauler charging an additional 8 hrs due to days worth of work that is lost. Any cancellation of night work needs to be done 24 hours ahead of schedule. All weekend work will be subject to a 4-hour minimum hourly haul charge. Vulcan materials will not be held responsible for schedule impacts due to trucking shortages.

Vulcan's obligation to supply asphalt to Customers pursuant to this quote is subject to availability of liquid asphalt. If liquid asphalt is not available to Vulcan in sufficient quantities due to shortages, allocations, or other factors beyond Vulcan's control, Vulcan shall have no obligation to supply asphalt to Customer pursuant to this quote. In the event of a conflict between the terms of this quote and the terms of any purchase order or any other agreement between Vulcan and Customer, the terms of this quote shall control.

Plant	Product Name	Product #	Qty	U/M	FOB Plant	Haul Rate	Delivered
LITCHFIELD RESALE	MAG SPEC ABC P105	1627P105	852	Tons	\$13.00	9.20	\$22.20
		<b>Truck Type</b>	STD FRT RATE				

## SAND & GRAVEL

Plant	Product Name	Product #	Qty	U/M	FOB Plant	Haul Rate	Delivered
WEST BROADWAY SAND & GRAVEL	MAG SPEC ABC	16272	852	Tons	\$16.50	13.80	\$30.30
		<b>Truck Type</b>	STD FRT RATE				
VAL VISTA SAND & GRAVEL	WASHED CONCRETE SAND	31822	1	Tons	\$19.00	9.85	\$28.85
		<b>Truck Type</b>	STD FRT RATE				

## ASPHALT

Plant	Product Name	Product #	Qty	U/M	FOB Plant	Haul Rate	Delivered
GOMEZ HMA	3/8 COLD	456800	30	Tons	\$135.00	13.20	\$148.20
		<b>Truck Type</b>	STD FRT RATE				

**Other Charges**

Environmental Fee -Agg & Asphalt at \$4.00 / Load

FUEL SURCHARGE HAUL ONLY at 10.00% / Percent of Amount

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**Prices quoted above do not include any state or local sales and use tax, if any applies for this project.**

**Prices quoted are for shipments during normal daytime working hours unless other shipping hours are mutually agreed upon in writing by both parties.**

Prices are FOB your jobsite as stated above. Terms are Net 15 prox. Please note standard terms and conditions apply. (Subject to credit approval)

This quote is limited to acceptance within 30 days from the date of this quotation after which time quotation is subject to review/revision. Please contact Sales prior to placing the order.

**Accepted by:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Sales Representative:** \_\_\_\_\_

**Date:** \_\_\_\_\_

We appreciate the opportunity to provide you this quote and trust that Vulcan will have the pleasure of serving your needs for this and future projects.

## GENERAL TERMS AND CONDITIONS

### PRICES AND TERMS

Prices are based on the terms and conditions set forth on page 1 of this Quotation, of which these General Terms and Conditions form a part, the terms and conditions stated in Customer's Application for Business Credit, and, if applicable, any terms and conditions relating to the delivery or shipment of materials by truck, barge, vessel, rail or other means which are provided by Vulcan to Customer in addition to this Quotation (each, a "Vulcan Sales Document", and collectively, the "Vulcan Sales Documents"). Prices are available only to the customer specifically named therein, and are only for the quantities mentioned in such Quotation or Sales Order plus or minus 10% of such quantities. A charge of 1.5% per month, (18% annum), will accrue on a daily basis from the date of invoice and will continue to accrue on a daily basis on any unpaid balance, both before and after judgment, until the date the balance is paid in full, or at the maximum amount permitted by law in which the sale occurred, whichever is less. **However, the assessment of a finance charge on invoices paid in full by the payment due date will be waived.** Quotation is offered for furnishing the total aggregate requirements for the project only. Customer's contract with Vulcan regarding the sale by Vulcan to Customer of the materials listed in this Quotation is subject to the terms and conditions set forth in the Vulcan Sales Documents. Prices reflect Customer's acceptance of materials at the quoted plant based upon gradation analysis performed and reported by Vulcan's certified plant quality control personnel. Any penalties that result from in place sampling shall be the full responsibility of Customer.

### THE TERMS AND CONDITIONS OF THE VULCAN SALES DOCUMENTS GOVERN THE RIGHTS AND OBLIGATIONS OF THE PARTIES

If Customer has issued a purchase order for the materials quoted by Vulcan in this Quotation, this Quotation is not an acceptance of said purchase order, or any of its terms or conditions, which are hereby rejected. Any sale by Vulcan to Customer of the materials listed in this Quotation shall be subject to the terms and conditions set forth in the Vulcan Sales Documents, and Customer's receipt or acceptance of said materials shall constitute acceptance of the offer that this Quotation constitutes. Any terms or conditions of a subsequent purchase order issued by Customer that are inconsistent with the terms and conditions of the Vulcan Sales Documents shall be null and void.

### SHIPMENT AND DELIVERY

Unless a "delivered" price is quoted by Vulcan in the Vulcan Sales Documents, all prices are F.O.B. point of shipment from the locations designated. All taxes applicable to the sale or delivery of materials that are not paid directly by Customer will be added to the sales price, invoiced to and paid by Customer, unless Customer provides Vulcan with satisfactory evidence of exemption from same. Shipment will be in accordance with Customer's reasonable instructions or, if none, then by whatever means Vulcan shall deem practicable. The quantities of material delivered to Customer shall be conclusively presumed to be the quantities shown on the tickets produced from a certified weigh scale at Vulcan's quarry or sales yard.

### CREDIT AND DEFAULT

Vulcan shall have no obligation to ship or deliver except upon its determination prior to each shipment or delivery that Customer is worthy of the credit to be extended and is not in default upon any obligation to Vulcan. Upon default, Customer agrees to pay all of Vulcan's collection expenses, including attorneys' fees.

### INSURANCE

A Memorandum of Insurance containing current information regarding Vulcan's insurance program is available at <https://marshdigital.marsh.com/marshconnect/viewMOI.action?clientId=632529479>.

### EXCULPATORY PROVISIONS

Vulcan shall have no liability for delay or failure to make shipments, or delivery, as a result of strikes, labor problems, severe weather conditions, casualty, mechanical breakdown or other conditions beyond Vulcan's reasonable control. In no event shall Vulcan be liable for any incidental or consequential damages. Vulcan's liability and Customer's exclusive remedy for any cause of action arising out of the provision of material quoted herein shall be the replacement of, or payment of the purchase price for, the materials which are the subject of this Quotation.

### CHANGE OF TERMS

Vulcan may change the price and/or quantity upon 30 days' notice to Customer. Vulcan shall also have right to change, modify or amend any other terms and conditions upon written notice of such change to customer. The effect of the change shall be as stated in the written notice and accepted by Customer upon placing of orders with seller following receipt of such notice.

### APPLICABLE LAW

All orders are subject to acceptance by Vulcan at the headquarters of its Mountain West Division in Phoenix, Arizona, and the laws of the state in which the materials was shipped from shall apply to the sale of all materials subject hereto. In the event material is imported into the U.S., the law in the state in which the material was sold to the customer will prevail. All disputes regarding finance charges shall be governed by Alabama law.

### LIMITED WARRANTY AND WARRANTY DISCLAIMER

Vulcan warrants for a period of one (1) year from date of delivery only that the material sold hereunder substantially complies with Vulcan's specifications for said material or the specifications set forth in Vulcan's quotation. **VULCAN HEREBY EXCLUDES ALL WARRANTIES OF MERCHANTABILITY AND FITNESS FOR ANY PURPOSE, AND ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, OF THE MATERIAL SOLD HEREUNDER, OTHER THAN THE EXPRESS WARRANTY STATED ABOVE.** In addition, except to the extent otherwise set forth in the specifications described above, Vulcan makes no warranty whatsoever with respect to specific gravity, absorption, whether the material is innocuous, non-deleterious, or non-reactive, or whether the material is in conformance with any plans, other specifications, regulations, ordinances, statutes, or other standards applicable to Customer's job or to said material as used by Customer. **VULCAN SHALL IN NO EVENT BE RESPONSIBLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGE CAUSED BY NON-COMPLIANCE OF THE MATERIAL WITH SPECIFICATIONS, OR FOR ANY DEFECTS IN THE MATERIAL SOLD HEREUNDER.**





**ARIZONA TAP MASTER**  
**5156 W. Olive Ave., #273**  
**Glendale, AZ 85302**  
**Phone (623) 776-3132 Fax (623) 776-3083**  
**ROC 257708**

# Quotation

**Date** 4/4/2023

**Quotation #**  
**Customer ID**

**Quotation For:**

Corina Nimmo  
 B&F Contracting, Inc  
 11011 N. 23rd Ave.  
 Phoenix, AZ 85029  
 Office: 623.582.1170  
 Cell: 623.692-3210  
 Email: corina.nimmo@bfcontracting.com

*Quotation valid until: 5/4/2023*  
*Prepared by: Don Hardin*

**Comments or Special Instructions:**

**Lead time up to 2-3 months unless in stock at time of purchase**

SALESPERSON	P.O. NUMBER	SHIP DATE	SHIP VIA	F.O.B. POINT	TERMS
Don Hardin	<b>REQUIRED</b>				NET 30

QUANTITY	DESCRIPTION	UNIT PRICE	AMOUNT
6	12" Mueller PermaSeal Insertion Valves on ACP, PVC, or DIP.  TMI to supply: 6 each 12" Mueller Perms Seal insertion valves, plus installation  Customer to supply: see below.          Address: TBD	29016.19	174,097.14
CONTACT NAME AND NUMBER TBD		<b>SUBTOTAL</b>	\$ 174,097.14
		<b>0.0000%</b>	\$ -
		<b>TOTAL</b>	\$ 174,097.14

If you have any questions concerning this quotation, contact Don Hardin  
 Phone: (623) 776-3132 - E-mail: azhottaps@gmail.com

**THANK YOU FOR YOUR BUSINESS!**



### **CUSTOMER TO SUPPLY**

All Excavation, shoring (if required), ladders, scaffolding, man lifts, lifting devices and rigging for all equipment and materials, clear access to pipe, schedule all inspections, permits and taxes required. All Material for pipe modifications, pipe modifications, design, detail & installations of thrust blocks. Crane, forklift, Backhoe, trackhoe, to lift all equipment on / off truck, into work area and set into place for all Hot Tap and line Stop equipment 16" or larger and / or if TMI cannot get service truck within 10' of excavation, for 6" through 12" Line Stops. Maintain a dry and workable environment within the excavation when possible. Chlorination of hot tap / line stop fitting's and piping of new and or existing. Containment and disposal for all spills, disposal of all asbestos pipe ( including all cut outs, coupons from all hot taps), and any hazardous and or non hazardous materials, and or liquids. Repair of any mortar lining/coating that may be damaged due to the hot tap or line stop insertion process for all CCP pipe. Supply all lighting if work is to be completed after hours after sundown. Any and all expedited freight cost for equipment and/or materials requested by the customer. Coordinate with the City to isolate and stop flow temporarily for all line stops 16" or larger during the insertion of the line stop('s) to insure that the line stop equipment is not damaged during this process. Customer to verify all pipe OD's and submit a list prior to ordering any and all line stop fittings.

### **SPECIAL CONDITIONS**

Any materials ordered and returned will be subject to a 30% restocking fee. All special-order materials may not be returned. PO is required prior to ordering any and all materials.

**This quote is based on normal business hours (unless otherwise noted).Any delays caused on jobsite that are of no fault to Tap Master, will be billed standby time at \$125.00 hr. for standard rate and \$165.00 /hr. for overtime rate per hour per man and \$195.00 /hr. for Premium time per hour per man.**

### **HOT TAPS**

Tap master does not guarantee the retrieval of the coupon. Mechanical failure could cause the coupon to enter the piping system. Hot tapping generates cutting chips. These chips may also enter the piping system. Both chips and coupons can be carried substantial distances by the flow. Tap Master is not responsible for retrieving the coupon or chips that may have entered the piping system and the customer agrees to hold Tap Master Inc. harmless from any damages or losses, direct or incidental, which might be caused by these materials. All cost associated with retrieving these materials will be the responsibility of the customer.

### **HOT TAPS / LINE STOPS ON CONCRETE LINED AND MORTAR COATED STEEL CYLINDER PIPE:**

There is no guarantee the concrete lining will be fully recovered. Tap Master accepts no responsibility of the recovery or repair of the pipe lining. Should part of the concrete lining be lost during the hot tap, all cost associated with retrieving the lining will be the responsibility of the customer. Tap Master will not be responsible for any pipe failure.

### **MECHANICAL BOLT ON TAPPING SLEEVES**

All mechanical bolt on hot tap/line stop sleeves are provided with a SBR or Buna gasket material that can expand and contract with temperature fluctuation causing the fitting to leak and should not be installed on pipe temperatures exceeding 180 degrees. Tap Master **cannot** be responsible for any leaking sleeves due to temperature fluctuation of piping system. If fluctuation is present on piping system please notify Tap Master to seek other alternatives.

### **PIPE FREEZE ISOLATION**

In order to complete a pipe freeze, there must be NO FLOW in the line. If system cannot be isolated to STOP FLOW, then a conventional line stop would be recommended. Tap Master will not be responsible for any pipe or pipe failure that may crack or split due to defective pipe during the pipe freezing process.

## **LINE STOPS**

Tap Master does not guarantee a 100% stop due to unknown and/or unforeseen internal pipe conditions, but will give a workable condition downstream of the line stop.

**AZ TMI makes no guarantee that the placement of the line stop head (s) into the pipe the first time will provide a workable stop. It may be necessary to remove the line stop(s) & replace the sealing element. This is not considered delay of work at the jobsite.**

***All hot tap and line stop fittings are rated to 150PSI (Customer to verify pipe pressure does not exceed 150PSI)***

Price is based on information provided by the customer. TMI to be notified by the customer of any changes in the scope of work within a reasonable time and/or as soon as they are aware of these changes. Price includes, Line Stop fittings, equipment and labor to complete (MISC.) Line Stop's (? PSI) and Line Stop Equipment to be onsite for up to ( ) days, ( ) technicians onsite for (?) consecutive business days at (8) hours per day / per man Monday Through Friday. No Weekend / Holiday's and or premium time included in cost.

**Extra Days for Equipment:** Each additional day equipment to be onsite will be charged and billed at (\$) per day per / line stop unit. Plus all Man Hours per day /per man at hourly rate.

**Extra hours for technicians:** will be charged at the rate of \$125.00 per hour / per man for straight time, \$165.00 per hour /per man for OT, and \$195.00 per hour /per man on Premium time. Straight Time defined as 7am - 3:30pm, Monday through Friday. Over Time defined as 3:30pm - 6:30pm, Monday through Friday and any weekend hours worked. Premium Time defined as any time after 12 hours work in a day and any time after 8 hours worked on weekends and any hours worked on a holiday.

**Additional Hotel Cost:** \$200.00 per night / per man for additional days past the (1) days included in price.

**Additional Per diem Cost:** \$50.00 per day / per man for additional days past the (1) days included in price.

Mobilization: ( ) one mobilization to jobsite included in price. Additional charges will apply for extra days onsite and or extra mobilizations to jobsite. Should work be cancelled or rescheduled, Customer to pay all cost and expenses incurred by AZ TMI.

## **HYDRA STOP VALVE INSERTIONS**

**Hydra Stop Insta Valve Plus Valve's are special order and are NON RETURNABLE**

***Even though Tap Master uses the latest technology, Valve Insertions cannot always guarantee 100% bubble tight seal. The Valve Insertion utilizes the pipe I.D. for the seal. Pipe I.D.'s can vary based on pipe size and type of pipe. The Valve Manufacturer says that the Insertion Valve seal will give the customer a workable condition downstream but will be based on the pipe condition inside. (The Manufacturer does not guarantee a 100% seal) Insertion Valves have a low end and a top end sealing range based on the pipe I.D. It is recommended that if the customer does not know the pipe I.D. based on the type and class of the pipe per the manufacturer that it is best to complete a test tap prior to ordering the Insertion Valve in order to determine the pipe I.D. If Tap Master is unable to complete a test tap prior to ordering the Insertion Valve fitting, then it will be the customers responsibility to provide Tap Master with all the correct information to ensure that the correct Insertion Valve is ordered for the pipe it will be installed on. If completing a pressure test against the Insertion Valve, you may only test up to the actual line pressure at its current pressure at that time. Tap Master will not be responsible for defective pipe or pipe failure should it break or crack during the installation of the Insert Valve.***

**PUBLIC WORKS OR PREVAILING WAGE CERTIFIED PAYROLL:**

*If this is a public works, prevailing wage or PLA agreement project requiring certified payroll please contact our office for a revised quote to include the additional labor costs if not noted on the quote.*

**INSURANCE:**

*Tap Master supplies most standard insurance certificates. If this project is OCIP/CCIP insurance job, please contact Tap Master for a revised quote. All modified or special insurance requests are priced on request.*

**Payment Terms: NET 30**

I have read the attached quote, terms and conditions and any special requirements necessary to complete the work. I agree that the technical data is correct and that I understand "Customer to Supply" requirements. Should I have any questions or need to make any changes to this quotation. I will have contacted Tap Master, Inc. and requested a revised quotation prior to signing and returning back this acceptance.

Signature:

\_\_\_\_\_

Name:

\_\_\_\_\_

Title:

\_\_\_\_\_

Company:

\_\_\_\_\_

Date:

\_\_\_\_\_

Pipe O.D

\_\_\_\_\_

Wall Thickness /

Pipe ID

/

\_\_\_\_\_

Type of Pipe

\_\_\_\_\_

Class of Pipe

\_\_\_\_\_

Line Pressure

\_\_\_\_\_





## SOLICITATION SUMMARY

### Concrete Replacement

**B&F CONTRACTING, INC.**

<b>Job Name:</b>	<b>Chandler Boulevard and Dobson Road Sewer and Water Improvements</b>
<b>Job Number:</b>	<b>WW2005.403</b>
<b>Owner:</b>	<b>City of Chandler</b>
<b>Address</b>	<b>975 E. Armstrong Way, Building L Chandler, Arizona - 85286</b>

**Corporate HQ: 11011 N. 23rd Ave., Phoenix, AZ 85029**  
**Office: 623-582-1170 | Fax: 623-582-3761**  
**Arizona Licenses: ROC-089744, ROC-111282**  
**Date: 3/13/2023**  
**Revision:**

SUPPLIER	MATERIAL AND UNIT RATES													
	Bus Bay		Curb & Gutter		Sidewalk		Median		Valley Gutter		Mobe		NOTES	
DBA	\$	43.30	\$	81.40	\$	28.00	\$	60.00	\$	43.00	\$	\$4,600.00		
B&F	\$	37.87	\$	33.91	\$	20.71	\$	67.00	\$	30.00	\$	-		
Hever Bueno														Non Responsive at bid time
NOTES: B&F is current in as self perform provides better flexibility to complete the work and avoid additional mobes and price is more competitive.														



Date: 04/07/23  
Proposal No. B&F23001

To: B&F Contracting  
11011 N 23rd Ave  
Phoenix, AZ  
ATTN: Amit Satre

### Chandler Blvd Waterline Improvements

DBA Construction proposes (unless otherwise noted) to furnish all labor, equipment, material and incidentals necessary to successfully complete the items listed below. We thank you for the opportunity to provide you with a comprehensive proposal for the above referenced project.

WORK ITEMS						
NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	EXTENSION	
1.	Mobilization	1	EA	\$ 4,600.00	\$	4,600.00
2.	Curb& Gutter MAG 220 Type A	3,579	LF	\$ 81.40	\$	291,330.60
3.	Sidewalk MAG 230	4,225	SF	\$ 21.00	\$	88,725.00
4.	Sidewalk Ramp MAG 236-5	358	SF	\$ 28.00	\$	10,024.00
5.	Median COC 225-1	60	LF	\$ 85.00	\$	5,100.00
6.	Valley Gutter MAG 240	1,472	SF	\$ 43.00	\$	63,296.00
7.	Bus Bay COC C 230	464	SF	\$ 43.30	\$	20,091.20
PROPOSAL TOTAL:					\$	483,166.80

#### Assumptions

Our proposal is based on the assumption that the following conditions exist on the project site:

1. Access to site to be provided for crews and equipment.

#### Clarifications

Our proposal requires further clarification on these points in order to be considered:

1. Median item is for the vertical curb and gutter. Interlocking pavers by others
2. Ready Mix Price is good through the end of this year.
3. Mobilization is priced as each

#### Exclusions

Our proposal excludes the following items and were not considered during the preparation to this estimate:

1. Survey, Materials Testing, SWPPP, Traffic Control, Demolition
2. Permits, Fees, Taxes, Bonds, Sanitary Facilities, Street Sweeping
3. Excavation, Backfill, Fine Grade
4. Special finishes, colored concrete

Regards,

Estimator



## SOLICITATION SUMMARY

## **B&F CONTRACTING, INC.**

### SLURRY/CONCRETE

**Job Name:** Chandler Boulevard and Dobson Road Sewer and Water Improvements  
**Job Number:** WW2005.252  
**Owner:** City of Chandler  
**Address:** 975 E. Armstrong Way, Building L  
Chandler, Arizona - 85286

**Corporate HQ:** 11011 N. 23rd Ave., Phoenix, AZ 85029  
**Office:** 623-582-1170 | Fax: 623-582-3761  
**Arizona Licenses:** ROC-089744, ROC-111282  
**Date:** 3/13/2023  
**Revision:** 0

SUPPLIER	MATERIAL AND UNIT RATES									
	1/2 SACK SLURRY	MAG C CONCRETE		MAG-B CONCRETE		MAG-A CONCRETE		MAG-AA CONCRETE	CHILLED WATER	SHORTLOAD
AZ MATERIAL	\$ 118.50	\$ 176.00	P	\$ 178.00	\$ 182.00	\$ 186.00	\$ 1.00			
Martin Marietta	\$ 133.00	P \$ 151.50		\$ 167.00	\$ 169.00	\$ 174.50	P \$ 1.00	P		
Average Price	\$ 125.75	\$ 163.75		\$ 172.50	\$ 175.50	\$ 180.25				

NOTES: Due to concrete scheduling we are using a blended price for the GMP to keep options open to avoid delay in concrete deliveries



Customer Service : 602-278-7777  
Fax : 602-278-3077  
3636 S 43rd Ave  
Phoenix, AZ 85009

## PROJECT QUOTATION

**Customer:** B & F Contracting, Inc  
Amit Satre -  
amit.satre@bfcontracting.com

**Project** Dobson Rd & Chandler Blvd Intersection Sewer & Water Improvements  
**Location** Dobson Rd & Chandler Blvd, Chandler, Arizona

**Quote #** 4973 (26)  
**Quote Date** 02/22/2023

### CONCRETE

**Est Quantity 1,989.00 CYDS**

Qty	Description	Mix ID	Price
950	1/2 Sack ABC Lean Slurry Mix (CLSM)	12011	\$115.00/CYD
950	1 Sack ABC Slurry, CLSM	12012	\$118.00/CYD
8	2000 PSI MAG C	12004	\$155.00/CYD
8	MAG-B 2500 PSI 1" Rock	12504	\$157.00/CYD
50	MAG-A 3000 PSI	13004	\$162.00/CYD
23	MAG-AA 4000 PSI, 1" Rock	14004	\$166.00/CYD
	Chilled Water		\$1.00/Per Yard
	Environmental		\$25.00/Each
	Fuel Surcharges		\$35.00/Each
	Hot Water		\$1.00/Per Yard
	Nitro		\$9.50/Per Yard
	SHORTLOAD CHARGES		\$200.00/Each

#### PRICE INCREASE SEPTEMBER 1ST & MARCH 1ST

+\$15 PCY FOR CONCRETE

+\$8 PCY FOR SLURRY

#### Concrete Terms & Conditions

Arizona Materials accepts no responsibility for any damage to curb and beyond curb line. It will be Buyers responsibility to contact Arizona Materials Quality Control Department with any concrete issue/concerns within 48 hours after placement. Buyer is responsible to provide safe access to point of delivery. All materials are produced in conformance with ACI / ASTM standards. Mixes quoted below, unless otherwise stated, conform to no specific water cement ratio, minimum sack content, shrinkage, temperature requirement, or the plans and specifications of this project.

All colored concrete loads have a 3 yard minimum.

Arizona Materials cannot guarantee compressive strengths of 5000 PSI or below for loads less than 3 yards.

5000 PSI or above must be 5 yards or more to guarantee compressive strength.

Payment is due and payable on or before the 15th day of the month following to receive 2% discount. Account must be current in full to be eligible to apply discount. A service charge not to exceed the maximum allowed by law applies on unpaid invoice amounts beginning the 1st day of the month following due date and daily thereafter until paid in full. Should litigation be commenced to enforce payment, the prevailing party is entitled to reimbursement of reasonable attorney fees and court costs.

Buyer has 30 days to validate quote with P.O. , signing issued quote, or written verification.

**Price quoted are applicable pending availability of materials and are subject to change prior to commitment.**

**Price Increases as follow:**

Price Increase #1: Add **\$15.00/CYD** on 09/01/2023

Price Increase #2: Add **\$15.00/CYD** on 03/01/2024

Price Increase #3: Add **\$15.00/CYD** on 09/01/2024

<b>Prepared &amp; Submitted By:</b>	<b>ACCEPTANCE (void if not accepted before 03/24/2023)</b>
Chris Nau 6023169931 cnau@azmatl.com  Prepared On 02/22/2023	<b>All prices expire on quoted expiration date: 09/30/2024</b>  <b>Signature:</b> _____ <b>Date:</b> _____  <b>Print Name/ Title:</b> _____





**Corporate Offices:**  
3636 S. 43rd Avenue  
Phoenix, AZ 85009  
Phone: 602-278-7777  
Fax: 602-442-6905  
[www.arizonamaterials.net](http://www.arizonamaterials.net)

## ***Terms and Conditions of Sale***

### **Additives**

\*Hot / Chilled Water - \$1.00 per cubic yard

**\*\$2.50 as of 3/1/23**

Nitrogen Cooling - \$9.50 per cubic yard

Non-Chloride Accelerator - \$2.00 per unit

Recover - \$2.50 per 1/2 Hour

### **Fiber**

Micro Fiber - \$7.50 per pound

Macro Fiber (Structural) - Priced as Quoted

### **Color**

Standard Liquid Color - See mix detail for per yard pricing

Color Washout - \$25.00 per load

### **Delivery**

**Fuel Surcharge - \$35.00 per load**

Wash Out System Buckets - \$25.00 per load (requested at time of order)

Standby Charges - \$1.50 per minute beyond 6 minutes per cubic yard

**Short Load Charges - 6 yards or less \$200.00 per load**

**Environmental Fee - \$25.00 per load**

Weekend Delivery - \$50.00 per load

Plant Opening Charge - \$500.00/hr, 4 hour minimum

Sunday / Holiday Opening - \$750.00/hr, 4 hour minimum

**All order backs/split loads under 11 yds on one order are subject to Short Load Charges.**

**Concrete Pricing subject to change based on market conditions**

**All materials are produced in conformance with ACI / ASTM Standards.**

**Contractor is responsible to provide safe access to the point of delivery.**

**Arizona Materials accepts no responsibility for damages to any curb and beyond the curb line.**

**It is Contractors responsibility to contact Arizona Materials Quality Control Department with any concrete issues/concerns no later than 48 Hours after placement.**



4025 S McClintock Dr Suite 202, Tempe, AZ 85282 Office: 602.685.3450

Proud to be American Owned and Operated

To: B & F CONTRACTING INC  
Attention: Amit Satre  
Customer #: 992678  
Phone: 602.402.5410  
E-Mail: Amit.Satre@BFContracting.com

Date: February 23, 2023  
Project: Chandler Dobson Sewer & Water Improvement Project  
Address: Dobson Rd & Chandler Blvd  
Chandler, AZ

### CONCRETE MATERIAL PRICE QUOTE

Mix #	Mix Use & Type	Strength @ 28 Days	Slump	Air	Aggregate Size	Estimated Volume	2023 Price per CY
2403141	Encasement Cover	4000	3-5	1 - 4%	1"	23	\$135.50
2303141	Encasement Cover	3000	3-5	1 - 4%	1"	50	\$130.00
2253141	Encasement Cover	2500	3-5	1 - 4%	1"	1	\$128.00
2203141	Encasement Cover	2000	3-5	1 - 4%	1"	1	\$122.50
PHCLSM	Backfill Material	50	7-11	1 - 4%	1"	1,900	\$94.00
PHCLSM1	Backfill Material	50	7-11	1 - 4%	1"	1,900	\$97.50

#### Please Note

All concrete as bid is per 90 minute max delivery and 95 degree max concrete temperature. All Concrete as Bid contains Type F Ash and normal weight aggregate unless specifically noted. All concrete pricing above is valid from Monday thru Friday during normal business hours. Aggregates are a naturally occurring material which can contain particles that degrade or stain concrete. It is not possible to completely remove all such particles; however, the occurrence is infrequent, and the bulk aggregate meets the Limits for Deleterious Substances and Physical Property Requirements of Coarse Aggregate for Concrete as outlined in ASTM C 33. Martin Marietta does not warranty against these infrequent occurrences.

Minimum amount of standard concrete for deliveries is 2 cubic yards, specialty concrete is 4 cubic yards. Buyer is responsible for safe access to work area, wash out containment area for all deliveries. Sales Tax owed unless exempt documentation is received before the first pour. *Please see page 2, item 7 for important tax information.*

#### Price Escalators:

Included Per Cubic Yard Price Increase 04/01/23

**\$10.00** Per Cubic Yard Price Increase 09/01/23 and TBD Per Cubic Yard Price Increase 04/01/24

#### Add:

\$25.00	Per Load Transportation Surcharge - Add to Above Pricing
\$2.00	Per Cubic Yard Environmental Fee - Add to Above Pricing
\$1.50	Per Cubic Yard Summer Service Fee (Jun 1 through Sep 30) - Add to Above Pricing
<b>\$2.00</b>	<b>Per Cubic Yard Winter Service Fee (Nov 1 through Feb 28) - Add to Above Pricing</b>

Prices are F.O.B. job site and do not include taxes.

TERMS: NET 30 DAYS, 18% APR Interest will be added to all past due accounts.

#### Add Miscellaneous Extra Charges:

- \$8.00 Per Cubic Yard Cancellation Fee within 24 Hours of Scheduled Start Time (\$200 minimum fee)
- \$5.00 Per Gallon Nitro (3 gallons is equivalent to 20 LBs. of ice) Call for Availability
- \$0.75 Per Pound Ice
- \$8.00 Per Cubic Yard per each 1% Non Chloride Accelerator (available in 0.25% increments)
- \$3.00 Per Cubic Yard per Each 30 Minute Increment of Hydration Stabilizer (Retarder)
- \$7.00 Per Cubic Yard Mono/Micro Fiber (1LB per Cubic Yard)
- \$10.50 Per Cubic Yard Fibrillated Fiber (1.5LBs per Cubic Yard)
- Call Per Cubic Yard Macro Fiber (contact your sales rep)
- \$2.00 Per Minute of Wait Time per Load After 45 Minutes (on job standby)
- \$100.00 Per Load Multi-Stop Delivery Fee (per stop)
- Per Cubic Yard Saturday Premium Charge

 **Martin Marietta**  
Quotation expires 30 days from above date

By:	Kyle Hall
Title:	Sales Representative
Mobile:	602.690.7317

E-mail:	<a href="mailto:Kyle.Hall@martinmarietta.com">Kyle.Hall@martinmarietta.com</a>
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## Terms and Conditions

4025 S McClintock Dr Suite 202, Tempe, AZ 85282 Office: 602.685.3450



1. Seller's quotation and offer contained herein shall be deemed withdrawn and of no further effect unless accepted by Purchaser by signing and returning a copy hereof to Seller within thirty (30) days after the date hereof. Acceptance of any order from Purchaser ("Order") is expressly made conditional on assent to these Terms and Conditions, either by written acknowledgment or by Purchaser's acceptance of the products sold hereunder. These Terms and Conditions also serve as Seller's objection to and rejection of any terms and conditions included in Purchaser's forms that are different from or additional to these Terms and Conditions.

2. Seller's obligation to deliver concrete at prices quoted is limited to deliveries on the project specified within six (6) months after date of quotation, unless otherwise specified on the front side thereof. Seller may refuse to commence or continue deliveries at prices quoted on projects not started within a reasonable time or on projects not continuously prosecuted after the commencement of deliveries.

3. All concrete ordered by Purchaser and delivered to the job, whether used or not, will be billed to Purchaser. Prices and quantities are based upon the wet volume at the time of discharge from delivery trucks. Receipt and delivery tickets shall be binding unless immediately disputed. The Purchaser is required to provide an area suitable for wash down of the truck to meet applicable local, state, and national environmental requirements.

4. Unless otherwise specified, prices quoted are based on delivery by trucks to jobsite during normal working hours, Monday through Friday. An additional charge may be made for deliveries after normal working hours. Purchaser is responsible for giving Seller reasonable and adequate notice for scheduling and delivering concrete. Seller will not be expected to hold trucks and equipment available for deliveries to Purchaser, and will not, without reimbursement, hold plants open and equipment available for pours for which adequate and reasonable notice has not been given. Seller will not honor back charges for delays in delivery due to inadequate notice by Purchaser or due to underestimation of quantities for a pour.

5. Deliveries by trucks are dependent upon accessibility to point of delivery. Roadways shall be deemed inaccessible if trucks cannot proceed with the full load (unless part loads are specifically ordered and agreed to by Seller) under its own power without damage to property or equipment. In the event Purchaser ordered delivery beyond curb line, Seller shall not be liable for damage to sidewalks, driveways, or other property, and Purchaser shall indemnify and hold Seller harmless against any and all liability, loss and expense, incurred as a result of such damages. All deliveries shall be made subject to applicable regulations governing the standard operating procedure of common carriers.

6. Prices quoted are based on prompt unloading of trucks. Seller reserves the right to make a standby charge as listed on the front page hereof. In case of repeated delays in unloading, Seller reserves the right to discontinue deliveries until conditions causing delay are corrected.

**7. Any sales, processing or similar tax imposed by any governmental authority which is now or hereafter becomes applicable to deliveries by Seller shall be paid by Purchaser unless otherwise provided by law in addition to the prices specified herein. Concrete pricing as quoted excludes sales tax. The applicable sales tax rate will be charged to Purchaser. If the project is tax exempt, the tax exempt certificate must be received by Seller prior to the first shipment to the project. If not received, purchaser is responsible for the sales tax payment.**

8. Seller warrants that all cementitious materials, aggregates and admixtures used by it in furnishing concrete pursuant to this quotation shall conform to current ASTM specifications for cementitious materials, aggregates and admixtures of the type specified and that all ready-mixed concrete delivered to Purchaser shall conform to applicable requirements of current ASTM Standard C 94. Where quantity of cementitious materials is specified, Seller warrants that the concrete delivered will contain the specified quantity of cementitious materials of the type specified within industry accepted tolerances for ready-mixed concrete. Where strength of concrete is specified and concrete is delivered by Seller, Seller warrants that the concrete furnished will meet or exceed the indicated design strength at the designated age when tested in accordance with the applicable and current ASTM Standards C 31, C 39, C 78, C 172, C 293, applicable provisions of C 94, and evaluated in accordance with applicable provisions of the ACI 318 Building Code. The addition of water to the mix by Purchaser relieves Seller of any responsibility as to strength of concrete provided the slump at time of delivery is equal to or greater than that specified. Where strength of concrete is designed in excess of 4500 psi or a "High Early" concrete is required, the minimum batch size shall be 4.0 cubic yards, for which Purchaser is required to pay. SELLER MAKES NO OTHER WARRANTY, EXPRESSED OR IMPLIED, OF MERCHANTABILITY OR FITNESS FOR ANY PURPOSE OR OF FUTURE PERFORMANCE OR OF ANY OTHER KIND. Seller's obligation under this warranty shall be limited to replacement or allowance of credit for nonconforming materials as provided herein.

9. Seller shall have no liability whatsoever to Purchaser or to any other person for delays in deliveries of orders accepted hereunder resulting from fire, casualties, calamities, strikes or other labor disputes, mechanical failures, war, insurrection, interruption or shortage of utility service or materials, acts or regulations of any governmental body or agency, or resulting from conditions or events beyond the reasonable control of Seller. Should Seller experience any delays or shortages of transportation or materials, Seller shall be permitted to allocate deliveries among its customers, but Seller shall use commercially reasonable efforts to meet any delivery schedule to which it has agreed hereunder.

10. Seller shall not be liable for loss or damage of any nature after delivery. Seller's only liability and obligation with respect to nonconforming (including defective) concrete shall be to replace such nonconforming concrete at point of delivery, or at Seller's option, to allow credit for such nonconforming concrete, provided that Purchaser shall be deemed to have waived all rights or claims hereunder with respect to nonconforming concrete not reported to Seller within one (1) year after the time of delivery thereof to Purchaser. Seller shall have no liability for loss or damage in excess of the price received for nonconforming or defective concrete delivered to Purchaser or for losses or damages of any nature (INCLUDING WITHOUT LIMITATION INCIDENTAL OR CONSEQUENTIAL DAMAGES) incurred or suffered by Purchaser or any other person or entity in repairing or replacing defective concrete or occasioned by defective concrete, and Seller shall have no other responsibility, obligation or liability whatsoever with respect to any concrete delivered hereunder whether predicated or alleged breach of contract or negligence or otherwise.

11. Shipments are subject to prior credit approval. If credit is approved, all payments must be made in accordance with the then applicable credit policies of Seller, and if not so made, the agreement that is contemplated herein may be terminated by Seller immediately. Terms of payment are net 30 days following date of invoice. If Purchaser fails to make timely payments or if, in Seller's opinion, the financial condition of Purchaser or other grounds for insecurity warrant such action, Seller may, without limiting its other remedies, (i) suspend shipments pending receipt of assurances or credit support satisfactory to Seller or (ii) terminate the Order, in which event unpaid invoices shall become immediately due and payable. Any past due account shall bear interest at the rate of 18% per annum. In the event the collection of any unpaid balance is placed in the hands of Seller's attorney, Purchaser shall pay a reasonable attorney's fee.

12. This quotation is made subject to all applicable governmental orders, rules and regulations and with respect to construction or the use of building materials. The parties agree that the laws of Arizona shall govern this Agreement and any disputes shall be heard in the courts of Maricopa County, Arizona. It is understood that there are no verbal agreements or understandings which are not incorporated herein.

## Noncompliance

Martin Marietta will not be responsible for failing concrete results derived from tests not adhering to the latest version of the pertinent ACI, ASTM or AASHTO code, standard or specification. This includes, but is not limited to, sampling, casting and initial curing of concrete cylinders, concrete cylinder transportation and final curing as well as reporting that does not meet the prescribed requirements. In the event that non-compliant test results are reported to customer it shall notify Martin Marietta within three days of such occurrence to allow time for investigation and response. In order for non-compliant results to be considered by Martin Marietta, documentation of the following items meeting the related code, standard or specification must be provided: (i) Evidence the concrete has been sampled and tested by a technician holding a current ACI Field 1 Certification; (ii) Evidence that the concrete was sampled at the point of discharge of the concrete truck as stated in ASTM C172 & ACI 318-19; (iii) Evidence that the concrete was tested in accordance with ASTM C39 and C231; and (iv) Evidence that the concrete strength specimens were made, cured and transported in accordance with ASTM C31. In the event of a non-compliant test result where it is determined that the above referenced procedures were not followed and the in-place concrete is found to be in compliance with agreed upon standards, all costs related to the investigation, including but not limited to, independent third-party testing, Martin Marietta management consultation fees, and all legal fees will be the responsibility of the customer.

**Customer**

By: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

**Martin Marietta**

By: Kyle Hall \_\_\_\_\_

Date: Thursday, February 23, 2023 \_\_\_\_\_

Expiration Date: Thursday, August 31, 2023 \_\_\_\_\_

## Job Information Sheet

4025 S McClintock Dr Suite 202, Tempe, AZ 85282 Office: 602.685.3450



Please return completed job information sheet along with signed quote to  
Kyle.Hall@martinmarietta.com

**\*\* Martin Marietta will not supply concrete to this project without completed form \*\***

To: B & F CONTRACTING INC  
Attention: Amit Satre  
Customer #: 992678  
Phone: 602.402.5410  
E-Mail: Amit.Satre@BFContracting.com

Date: February 23, 2023  
Project: Chandler Dobson Sewer & Water Improvement Project  
Address: Dobson Rd & Chandler Blvd  
Chandler, AZ

Please complete all sections listed below

Job Number/PO#: \_\_\_\_\_

Project Type (Please Select): Private { } Public { } State/Local { } Federal { } Residential { } Bond Job { }

Start Date: \_\_\_\_\_

Estimated Project Valuation (\$): \_\_\_\_\_

Owner Name: \_\_\_\_\_

Owner Address: \_\_\_\_\_

Lender Co.: \_\_\_\_\_

Lender Co. Address: \_\_\_\_\_

Loan #: \_\_\_\_\_

Bonding Co.: \_\_\_\_\_

Bonding Co. Address: \_\_\_\_\_

Bond #: \_\_\_\_\_

General/Direct Contractor: \_\_\_\_\_

☐

General/Direct Contractor Address: \_\_\_\_\_

☐

General/Direct Contractor Phone: \_\_\_\_\_

Is this project located on tribal community land (Please Select)? Yes { } No { }

If so, please provide which community \_\_\_\_\_

I hereby certify that the information provided in this form is complete,  
true and correct to the best of my knowledge.

By: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

Martin Marietta

By: Kyle Hall \_\_\_\_\_

Date: Thursday, February 23, 2023 \_\_\_\_\_

Expiration Date: Thursday, August 31, 2023 \_\_\_\_\_

Chandler Dobson Waterline Project WW2005.403  
Allowance Explaining

Item	Description	Total Cost	Explanation
F1	Traffic Control Allowance	\$585,922.68	Traffic control we utilized recent project with similar TCP requirments up down each day large intersection setups. 300 Days at 1,650 perday average cost, Visual message board for 84 days during the project. Multiple message board will be required upon start up a each direction per Chandler Traffic. Includes markup for OH&P 8.5%, Bond & Insurance 2.1% and Tax 4.83%
F2	Police Officer	\$270,567.92	1.5 police for the duration of the project at 800 dollars a day for 293 days
F3	Quality Control Testing	\$ 62,909.35	Took past cost from recent project and extending over the months on this project including waterline in arterial roadways. Includes markup for OH&P 8.5%, Bond & Insurance 2.1% and Tax 4.83%
F4	Construction Water	\$ 28,857.50	Utilized a plug number of 25000 which is roughly 2,500 a month Includes markup for OH&P 8.5%, Bond & Insurance 2.1% and Tax 4.83%
F5	Crack Seal	\$ 40,400.00	35000 lf at 1 dollar per foot. Includes markup for OH&P 8.5%, Bond & Insurance 2.1% and Tax 4.83%
F6	Paver Allowance	\$ 9,234.40	Received limited quotes we completed a bet estimate on the limited locations for repair. Includes markup for OH&P 8.5%, Bond & Insurance 2.1% and Tax 4.83%
F7	Public Outreach	\$ 28,900.00	Utilized similar number from preconstruction services. Includes markup for OH&P 8.5%, Bond & Insurance 2.1% and Tax 4.83%
F8	Survey	\$ 57,800.00	Received only one quote it was lump sum and they did not actually bid the job. We moved it to allowance because we thing that it will be less and the saving will go to the city. Includes markup for OH&P 8.5%, Bond & Insurance 2.1% and Tax 4.83%

## AGREEMENT BETWEEN CLIENT AND ENGINEER

**This is an agreement for services to be performed. Services shall commence hereunder upon receipt by Engineer of Agreement signed by Client. One fully executed copy will be returned to Client. Should any of the information shown hereon not be in accordance with Client's understanding, Client should immediately advise Engineer. Unless signed and returned by Client within 60 days from the date hereon, this Agreement shall be null and void.**

**Date:** April 10, 2023

**Client:** B+F Contracting Inc.

**Engineer:** Entellus, Inc.

**Address:** 11011 North 23<sup>rd</sup> Ave.  
Phoenix, Arizona 85029

**Address:** 3033 North 44th Street, Suite 250  
Phoenix, Arizona 85018

**Telephone:** (623) 582-1170  
**FAX:**

**Telephone:** (602) 244-2566  
**FAX:** (602) 244-8947

**Attention:** Amit Satre

**Attention:** Erick Welch, RLS, CFedS

**Project Description:**

(Entellus Project No. \_\_\_\_\_)

The Client and Engineer for mutual consideration hereinafter set forth, agree as follows:

**A. Engineer agrees to perform the following professional services:**

Per attached Exhibit "A"

**B. Client agrees to compensate Engineer for such services as follows:**

Per attached Exhibit "A"

**C. The standard provisions set forth upon the following pages and EXHIBIT A are incorporated hereinto and made part of this Agreement.**

IN WITNESS WHEREOF, the parties hereto have accepted, made and executed this Agreement upon the terms, conditions, and provisions above stated and on the following pages and EXHIBIT A, the day and year first above written.

\_\_\_\_\_  
**Client**

\_\_\_\_\_  
**Engineer**

\_\_\_\_\_  
**By:**

\_\_\_\_\_  
**By:**

\_\_\_\_\_  
Title Date

\_\_\_\_\_  
Title Date

## STANDARD PROVISIONS OF AGREEMENT BETWEEN CLIENT AND ENGINEER

### PAYMENT

1. Engineer shall render invoices to Client from time to time as services are provided as set forth in Section A and the fee schedule set forth in Section B on the reverse side. Invoices shall be due and payable when rendered.
2. Client shall promptly review invoices and notify Engineer of any objections hereto; absent such objection in writing within ten (10) days of the date of the invoice; the invoice shall be deemed proper and acceptable.
3. In the event any invoice is not paid within thirty (30) days after rendering of the invoice, it shall commence bearing interest on the date the invoice was rendered at the rate of 10% per annum (or such base rate as may be maximum interest permissible under applicable law) and Client agrees to pay all accrued interest, together with the charges for services rendered.
4. Client's failure to pay Engineer's invoice in full, within sixty (60) days of the invoice date, shall be a default of Client's obligations under this Agreement. If such default is not cured within ten (10) days after Engineer gives notice of this default, this agreement shall be terminated and Engineer shall be excused from all further obligations to provide services under this Agreement. Notwithstanding such termination, Client shall remain liable to Engineer for all fees, charges, and services performed by Engineer to the date of termination.
5. Client shall pay the cost of all reimbursable items such as fees, permits, bond premiums, title company charges, delivery charges, blueprints and reproductions, and all other charges and expenses not specifically covered by the terms of this Agreement. In the event such reimbursable items are paid directly by Engineer, then such charges and expenses shall be invoiced at direct cost plus 15% for handling.
6. The term of this Agreement shall commence and become effective as of the date hereon and shall continue until all of the work set forth in Section A on the reverse side has been completed or April 13<sup>th</sup>, 2024, whichever occurs first. During the term of this Agreement, the fee for any work items listed in Section A yet to be completed as of April 13<sup>th</sup>, 2024, and any work yet to be completed each subsequent year thereafter will be escalated by 10%.
7. No claim of offset will be permitted unless it is made within ten (10) days of the date of discovery. In the event of a claim, the parties hereto will immediately meet and negotiate to resolve the claim. If the claim is not resolved within twenty (20) days from the date of notice, Engineer has the right to stop work and will have no liability for stopping work whether or not the claimed offset is ultimately sustained.

### GENERAL

8. Client agrees to cooperate in any and every way or manner with Engineer on project.
9. All sketches, drawings, tracings, computations, survey notes, and other original documents are and shall remain the property of the Engineer subject to the requirements of the public agencies.
10. All agreements on the Engineer's part are contingent upon, and subject to, the fact that Engineer shall not be responsible for damages or be in default or be deemed to be in default by reason of delays in performance by reason of strike, lockouts, accidents, acts of God, and other delays unavoidable or beyond the Engineer's reasonable control, or due to shortages or unavailability of labor at established area wage rate, or delays caused by failure of Client or Client's agents to furnish information or to approve or disapprove Engineer's work promptly, or due to late or slow, or faulty performance by the Client, other contractors, or governmental agencies, the performance of whose work is precedent to or concurrent with the performance of Engineer's work. In the case of the happening of any such cause of delay, the time of completion shall be extended accordingly.
11. In the event that all the services required to be performed under this Agreement have not been performed by April 13<sup>th</sup>, 2024, for any reason other than a default by Engineer hereunder, Engineer shall have the right, upon giving thirty (30) days prior written notice to the Client, to terminate this Agreement and to be paid to the date of termination for all services rendered and costs incurred hereunder.
12. In the event the project being undertaken by Client for any reason is terminated or abandoned, Engineer shall be paid for the services to date on the basis as set forth in Section B on the reverse side, plus 15% of the total compensation earned to time of termination to account for Engineer's rescheduling adjustments, reassignment of personnel, and related costs incurred due to termination. Client shall notify Engineer of termination or abandonment in writing.
13. In the event that any staking is destroyed by an act of God or parties other than Engineer, the cost of restaking shall be paid for by Client as extra work.
14. Engineer makes no warranty either express or implied, as to his findings, recommendations, specifications, or professional advice except that these were promulgated after being prepared in accordance with generally accepted engineering and/or surveying practices and under the direction of registered professional engineers and/or licensed land surveyors.
15. Engineer makes no representations concerning soil conditions unless specifically included in writing in this Agreement, and he is not responsible for any liability that may arise out of the making or failure to make soil surveys, or sub-surface soil test, or general soil testing.
16. Engineer makes no representations concerning the cost figures made in connection with maps, plans, specifications, or drawings other than that all cost figures are estimates only and the Engineer shall not be responsible for fluctuations in cost factors.



17. In consideration of the Engineer's fee for services, the Client agrees that the Engineer will perform no on-site construction review for this project, that such services will be provided by others, and that the Client shall defend, indemnify, and hold the Engineer harmless from any and all liability, real or alleged, that might be occasioned by others performing construction review for this project.
18. The Client agrees that in accordance with generally accepted construction practices, the construction contractor will be required to assume sole and complete responsibility for job site conditions during the course of construction of the project, including safety of all persons and property; that his requirement shall be made to apply continuously and not be limited to normal working hours; and the Client further agrees to defend, indemnify and hold the Engineer harmless from any and all liability, real or alleged, in connection with the performance of work on this project, excepting liability arising from the sole negligence of the Engineer.
19. The Client agrees to limit the Engineer's liability to the Client and to all contractors and subcontractors on the project, due to professional negligent acts, errors or omissions of the Engineer to the amount of Engineer's fee.
20. Upon written request, each of the parties hereto shall execute and deliver or cause to be executed and delivered, such additional instruments and documents which may be necessary and proper to carry out the terms of this Agreement.
21. The terms and provisions of this Agreement shall not be construed to alter, waive, or affect any lien or stop notice rights, which the Engineer may have for the performance of services under this Agreement.
22. No conditions or representations, altering, detracting from, nor adding to the terms hereof shall be valid unless printed or written hereon or evidenced in writing by either party to this Agreement and accepted in writing by the other.
23. One or more waivers of any term, condition, or covenant by the Engineer shall not be construed by the Client as a waiver of a subsequent breach of the same or any other term, condition or covenant.
24. In the event any provision of this Agreement shall be held to be invalid and unenforceable, the other provisions of this Agreement shall be valid and binding on the parties hereto.
25. Should litigation be necessary to enforce any term or provision of this Agreement, or to collect any portion of the amount payable under this Agreement, then all litigation and collection expenses, witness fees and court costs, and attorney's fees shall be paid to the prevailing party.
26. This Agreement binds Engineer and Client and their successors, assigns, and partners. Neither party shall assign, sublet or transfer his interests, rights or obligations in this Agreement without the written consent of the other party hereto.
27. There are no understandings or agreements except as herein expressly stated.
28. This Agreement shall be construed and enforced in accordance with the laws of the State of Arizona.

## INDEMNIFICATION

29. Client shall indemnify and hold harmless Engineer, and all Engineer's agents, employees or sub-consultants from and against any and all claims, costs, losses and damages, including all professional fees, caused in whole or in part by the negligent acts of Client, or Client's agents, employees, or consultants.
30. In addition, Client shall indemnify and hold harmless Engineer, Engineer's agents, employees, and consultants from and against all claims, costs, losses and damages, including professional fees, caused by, arising out of, or relating to the presence, discharge, release or escape of Asbestos, PCBs, Petroleum, Hazardous or Toxic Waste, Radioactive Material, or any other noxious or harmful substance or emission at, on, under, or from the Project site.

## ALLOCATION OF RISKS

31. **Exclusion of Special, Incidental, Indirect And Consequential Damages.** To the fullest extent permitted by law, and notwithstanding any other provision in the Agreement to the contrary, Engineer and Engineer's officers, directors, partners, employees, agents and Engineer's consultants shall not be liable to Client for any special, incidental, indirect or consequential damages whatsoever, arising out of, resulting from or in any way related to the Agreement from any cause or causes, including, but not limited to, any such damages caused by negligence, professional errors or omissions, strict liability, breach of contract or warranty express or implied of Engineer and Engineer's officers, directors, partners, employees, agents and Engineer's consultants, or any of them.
32. Client acknowledges that Engineer is providing only professional services as Client's agent in connection with the Work covered by this Agreement. Engineer shall not be deemed an owner, operator, generator, transporter, disposer, or someone who arranges for transport or disposal of hazardous or toxic substances, by reason of its professional services as agent for the Client pursuant to this Agreement.

## DISPUTE RESOLUTION

33. All claims, disputes, and other matters arising out of or relating to the Agreement in which the disputed sum is less than \$50,000.00 shall be decided in accordance with the Construction Industry Arbitration Rules of the American Arbitration Association. This agreement so to arbitrate and any other agreement or consent to arbitrate entered into in accordance herewith will be specifically enforceable under the prevailing arbitration law of any court having jurisdiction.

34. The prevailing party in any dispute arising out of or relating to this Agreement will be entitled to recover a reasonable sum in compensation of its attorneys' fees incurred, plus costs of suit, including the reasonable costs of any testifying expert retained for purposes of the dispute.

35. Notwithstanding any other provision of this Dispute Resolution Section to the contrary, Client and Engineer may mutually agree to mediation or some other form of alternative dispute resolution procedure in the event they deem such procedure necessary and appropriate to resolve a dispute. In that event, Client and Engineer shall mutually agree on the terms under which such alternative dispute resolution procedure shall be conducted; the issues to be submitted to such procedure; the time for conducting such procedure; and the coordination of such procedure with any other arbitration or litigation in which the parties may then be involved or contemplating.

36. The award rendered by the arbitrator(s), or any written settlement made by Client and Engineer through mediation or other alternative dispute resolution procedure, shall be final and binding; judgment may be entered upon it in any court having jurisdiction thereof; and it will not be subject to modification or appeal except to the extent permitted by state or federal law concerning the confirmation or modification of arbitration awards.

## EXHIBIT "A"

**Client: B+F Contracting Inc.**  
**Owner: City of Chandler**  
**Project: Dobson Road & Chandler Blvd Water Main Improvements**  
**Site Address: Chandler Road – From Dobson Rd to North Alma School Rd**  
**Chandler, Arizona**

### SCOPE OF SERVICES

Entellus will provide the labor, equipment, and materials necessary to perform the following survey work:

1. Staking waterline every 50 feet and at horizontal and vertical fittings.
2. Record as-built survey information to plans as described below and return to Client.

This survey will utilize plans as provided by the Client for the project site and prepared by Dibble, Rev.0, dated February 2023. The Client will need to provide AutoCAD versions of the plans to assist with work.

### **ESTIMATED PROJECT FEE**

Total lump sum fee ..... **\$25,100.00**

Requests to perform re-staking or work otherwise outside this Scope of Services will be billed at the following hourly rates:

Survey CAD Tech- \$90/hour

Survey Crew- \$165/hour

Project Surveyor- \$131/hour

Survey Manager- \$190/hour

Administration Support- \$80/hour

## Josh Onstott

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**From:** Amit Satre  
**Sent:** Monday, April 17, 2023 9:27 AM  
**To:** tpooole@atwell-group.com  
**Cc:** Josh Onstott  
**Subject:** RE: B&F Contracting: Chandler Dobson Water Improvement Project - Survey and As-builts

Tim,

Just following up to see if you had an update on the bid proposal for the Chandler Dobson Project. Please let me know if you might have any questions.

Thank you,

**NON - Responsive**



**Amit D. Satre**  
Assistant Project Manager  
Mobile: 602-402-5410 | [amit.satre@bfcontracting.com](mailto:amit.satre@bfcontracting.com)

**B&F Contracting, Inc.** | 11011 N 23rd Ave, Phoenix, AZ 85029  
Office: 623-582-1170 | Fax: 623-582-3761 | [www.bfcontracting.com](http://www.bfcontracting.com)  
ROC08974 A | ROC111282 B-4

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**From:** Amit Satre  
**Sent:** Wednesday, April 12, 2023 12:14 PM  
**To:** tpooole@atwell-group.com  
**Cc:** Josh Onstott <jonstott@bfcontracting.com>  
**Subject:** B&F Contracting: Chandler Dobson Water Improvement Project - Survey and As-builts

Tim,

B&F is working on the 100% GMP Cost Model for an upcoming project with City of Chandler. I have attached the 100% plans and specifications for your reference. Can you please review and submit a bid for the Survey and As-builts scope of work? Below is the project information:

**Project Name:** Dobson Road and Chandler Boulevard Intersection Water Improvements  
**Project Number:** WW2005.403  
**Project Owner:** City of Chandler  
**Project Contractor:** B&F Contracting, Inc.

**Please NOTE:**

1. Subcontractor will be responsible to submit the as-builts to B&F Contracting, Inc. on the timely basis per the City of Chandler GIS Data Specifications (Attached for reference).
2. Survey for the project will be per B&F's request. Please specify the minimum LF required per survey request. Survey team to locate all valves, any bends, main run (stake at every 50' and provide offsets) and services, etc.
3. We anticipate 500-600 LF per week. Please ensure availability for at least 3-4 days per week. There will be weeks when we will need a surveyor on-site to as built all week.

**Due date** for submitting the Proposal: **April 13, 2023.**

Please let me know if you might have any questions.

Thank you,



***Built on Integrity!***

**Amit D. Satre**

**Assistant Project Manager**

**Mobile:** 602-402-5410 | [amit.satre@bfcontracting.com](mailto:amit.satre@bfcontracting.com)

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**B&F Contracting, Inc.** | 11011 N 23rd Ave, Phoenix, AZ 85029

**Office:** 623-582-1170 | **Fax:** 623-582-3761 | [www.bfcontracting.com](http://www.bfcontracting.com)

ROC08974 A | ROC111282 B-4

## Josh Onstott

---

**From:** Amit Satre  
**Sent:** Saturday, April 1, 2023 3:56 PM  
**To:** 'jheath@hunterengineeringpc.com'  
**Cc:** Josh Onstott  
**Subject:** B&F Contracting: Chandler Dobson Water Improvement Project - Survey and As-builts  
**Attachments:** Subcontractor RFQ Bid Quantity - Hunter Engineering.pdf; GIS-GPS-DataSpecifications.docx; WW2005.403\_Water\_90p\_Drawings.pdf

### NON - Responsive

Good afternoon,

B&F is working on the 100% GMP Cost Model for an upcoming project with City of Chandler. I have attached the 100% plans and specifications for your reference. Can you please review and submit a bid for the Survey and As-builts scope of work? Below is the project information:

**Project Name:** Dobson Road and Chandler Boulevard Intersection Water Improvements

**Project Number:** WW2005.403

**Project Owner:** City of Chandler

**Project Contractor:** B&F Contracting, Inc.

#### Please NOTE:

1. Subcontractor will be responsible to submit the as-builts to B&F Contracting, Inc. on the timely basis per the City of Chandler GIS Data Specifications (Attached for reference).
2. Survey for the project will be per B&F's request. Please specify the minimum LF required per survey request. Survey team to locate all valves, any bends, main run (stake at every 50' and provide offsets) and services, etc.
3. We anticipate 500-600 LF per week. Please ensure availability for at least 2-3 days per week, if needed all week.

**Due date** for submitting the Proposal: **April 05, 2023.**

Please let me know if you might have any questions.

Thank you,



**Amit D. Satre**  
Assistant Project Manager  
**Phone:** (623)-582-1170  
**Mobile:** (602)-402-5410  
**Email:** [amit.satre@bfcontracting.com](mailto:amit.satre@bfcontracting.com)

11011 N 23<sup>rd</sup> Avenue  
Phoenix, AZ 85029  
[www.bfcontracting.com](http://www.bfcontracting.com)



**City Council Memorandum      Management Services      Memo No. 23-057**

**Date:** May 22, 2023  
**To:** Mayor and Council  
**Thru:** Joshua H. Wright, City Manager  
Dawn Lang, Deputy City Manager - CFO  
**From:** Matthew Dunbar, Budget and Policy Assistant Director  
**Subject:** Resolution No. 5694, Adopting the Fiscal Year (FY) 2023-24 Tentative Budget and 2024-2033 Tentative Capital Improvement Program (CIP) and Giving Notice of the Dates and Times for Hearing Taxpayers for Final Adoption of the Budget and for Setting the Tax Levies and Tax Rates

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**Proposed Motion:**

Move City Council pass and adopt Resolution No. 5694, adopting the FY 2023-24 Tentative Budget and 2024-2033 Tentative CIP and giving notice of the dates and times for hearing taxpayers for final adoption of the budget and for setting the tax levies and tax rates.

**Background:**

Resolution No. 5694 will adopt the FY 2023-24 Tentative Budget and the State Auditor General Schedules (budget forms), as prescribed by Arizona Revised Statutes 42-17101 and 42-17102. The Tentative Budget sets the total expenditure amount for the fiscal year.

As required, the budget forms will be published in the Arizona Republic newspaper, as will a notice that the City Council will meet on June 15, 2023, at 6:00 p.m., for the purpose of a public hearing and for final adoption of the FY 2023-24 Budget, and will further meet for the purpose of setting the tax levies on June 29, 2023, at 6:00 p.m.

**Discussion:**

In summary, the FY 2023-24 Budget totals \$1,656,274,385 and includes funding for departmental operating budgets of \$562,831,306 which includes the Public Safety Personnel Retirement System (PSPRS) projected payoff of \$73 million (34%); funding for bond debt service of \$75,546,185 (4.6%); budget for equipment, technology, and vehicle replacements of \$11,983,298 (0.7%); and contingencies and reserves in the amount of \$149,444,982 (9%) in various funds. The capital budget totals \$856,468,614 (51.7%) and includes \$358,254,615 in new appropriation, capital carryforward of \$497,763,999, and contingency and reserve funding of \$450,000.

Included in the projected operating revenues of \$721,272,909 is revenue from a property tax levy of \$42,862,435 based on a reduced rate of \$1.0926 per \$100 assessed property valuation, the majority of which funds the debt service on General Obligation bonds that fund capital projects.

The Proposed Budget, as provided at the all-day Budget Briefing on April 28, 2023, is currently online. Since that day, Council-requested updates have been incorporated, including the reduced property tax rate and shift of the passport agent position from one-time to ongoing funding. The resulting Proposed (Tentative) Budget and Resolution, budget forms, and 2024-2033 Tentative CIP are also available for public review and inspection on the City's official website <http://www.chandleraz.gov/budget> or by calling the Budget Division at 480-782-2254.

As in past years, Section 4 of the Resolution includes certain delegations to the City Manager or designee to transfer funds for specific administrative purposes such as year-end encumbrances, capital project carryforward, and the allocation of personnel budgets to departments following final approval of memorandums of understanding (MOUs) and general employee merit and market adjustments as approved by City Council. There are no changes to the delegations.

### **Financial Implications:**

The Tentative Budget adoption sets the total FY 2023-24 budget (expenditure limitation), which once approved cannot increase. The purpose of the budget is to set the legal spending authority for the new fiscal year after public input and feedback.

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## **Attachments**

Auditor General Budget Forms FY 24



Presentation  
Resolution 5694

**City of Chandler**  
**Summary Schedule of estimated revenues and expenditures/expenses**  
**Fiscal year 2024**

Fiscal year	S c h		Funds							
			General Fund	Special Revenue Fund	Debt Service Fund	Capital Projects Fund	Permanent Fund	Enterprise Funds Available	Internal Service Funds	Total all funds
2023	Adopted/adjusted budgeted expenditures/expenses*	E 1	371,902,877	150,127,673	41,006,427	372,880,546	0	366,262,408	50,478,605	1,352,658,536
2023	Actual expenditures/expenses**	E 2	311,239,239	61,280,708	40,656,425	53,332,102	0	147,944,873	39,526,705	653,980,052
2024	Beginning fund balance/(deficit) or net position/(deficit) at July 1***	3	218,914,901	27,332,688	0	191,899,557	0	175,103,258	8,421,479	621,671,883
2024	Primary property tax levy	B 4	8,582,038							8,582,038
2024	Secondary property tax levy	B 5			33,541,656					33,541,656
2024	Estimated revenues other than property taxes	C 6	357,497,062	77,264,300	764,168	76,881,774	0	236,344,504	34,627,000	783,378,808
2024	Other financing sources	D 7	0	0	0	209,100,000	0	0	0	209,100,000
2024	Other financing (uses)	D 8	0	0	0	0	0	0	0	0
2024	Interfund transfers in	D 9	8,678,182	431,000	7,436,432	133,327,429	0	26,416,240	15,046,923	191,336,206
2024	Interfund Transfers (out)	D 10	152,883,408	685,401	0	23,459,800	0	14,285,044	22,553	191,336,206
2024	Line 11: Reduction for fund balance reserved for future budget year expenditures	11								
	Maintained for future debt retirement									0
	Maintained for future capital projects									0
	Maintained for future financial stability									0
										0
										0
2024	Total financial resources available	12	440,788,775	104,342,587	41,742,256	587,748,960	0	423,578,958	58,072,849	1,656,274,385
2024	Budgeted expenditures/expenses	E 13	440,788,775	104,342,587	41,742,256	587,748,960	0	423,578,958	58,072,849	1,656,274,385

**Expenditure limitation comparison**

- 1 Budgeted expenditures/expenses
- 2 Add/subtract: estimated net reconciling items
- 3 Budgeted expenditures/expenses adjusted for reconciling items
- 4 Less: estimated exclusions
- 5 Amount subject to the expenditure limitation
- 6 EEC expenditure limitation

	2023	2024
1	\$ 1,352,658,536	\$ 1,656,274,385
2		
3	1,352,658,536	1,656,274,385
4		
5	\$ 1,352,658,536	\$ 1,656,274,385
6	\$	\$

☐ The city/town does not levy property taxes and does not have special assessment districts for which property taxes are levied. Therefore, Schedule B has been omitted.

\* Includes expenditure/expense adjustments approved in the current year from Schedule E.

\*\* Includes actual amounts as of the date the proposed budget was prepared, adjusted for estimated activity for the remainder of the fiscal year.

\*\*\* Amounts on this line represent beginning fund balance/(deficit) or net position/(deficit) amounts except for nonspendable amounts (e.g., prepaids and inventories) or amounts legally or contractually required to be maintained intact (e.g., principal of a permanent fund).

**City of Chandler**  
**Tax levy and tax rate information**  
**Fiscal year 2024**

	<u>2023</u>	<u>2024</u>
1. Maximum allowable primary property tax levy. A.R.S. §42-17051(A)	\$ <u>21,253,844</u>	\$ <u>22,839,839</u>
2. Amount received from primary property taxation in the <b>current year</b> in excess of the sum of that year's maximum allowable primary property tax levy. A.R.S. §42-17102(A)(18)	\$ <u>                    </u>	
3. Property tax levy amounts		
A. Primary property taxes	\$ <u>8,507,940</u>	\$ <u>8,582,038</u>
Property tax judgment		
B. Secondary property taxes	<u>31,822,477</u>	<u>33,541,656</u>
Property tax judgment		
C. Total property tax levy amounts <sup>(1)</sup>	\$ <u>40,330,417</u>	\$ <u>42,123,694</u>
4. Property taxes collected*		
A. Primary property taxes		
(1) <b>Current</b> year's levy	\$ <u>8,507,940</u>	
(2) Prior years' levies <sup>(2)</sup> <input type="checkbox"/>	<u>50,000</u>	
(3) Total primary property taxes	\$ <u>8,557,940</u>	
B. Secondary property taxes		
(1) <b>Current</b> year's levy	\$ <u>31,822,477</u>	
(2) Prior years' levies <sup>(2)</sup> <input type="checkbox"/>	<u>200,000</u>	
(3) Total secondary property taxes	\$ <u>32,022,477</u>	
C. Total property taxes collected	\$ <u>40,580,417</u>	
5. Property tax rates		
A. City/Town tax rate		
(1) Primary property tax rate	<u>0.2326</u>	<u>0.2226</u>
Property tax judgment		
(2) Secondary property tax rate	<u>0.8700</u>	<u>0.8700</u>
Property tax judgment		
(3) Total city/town tax rate	<u>1.1026</u>	<u>1.0926</u>
B. Special assessment district tax rates		
Secondary property tax rates—As of the date the proposed budget was prepared, the city was not operating <u>any</u> special assessment districts for which secondary property taxes are levied. For information pertaining any special assessment districts and their tax rates, please contact the city.		

\* Includes actual property taxes collected as of the date the proposed budget was prepared, plus estimated property tax collections for the remainder of the fiscal year.

**City of Chandler**  
**Revenues other than property taxes**  
**Fiscal Year 2024**

Source of revenues	Estimated revenues 2023	Actual revenues* 2023	Estimated revenues 2024
<b>General Fund</b>			
<b>Local taxes</b>			
Franchise Fees	\$ 3,451,000	\$ 3,630,000	\$ 3,471,000
Property Taxes (prior year's levies)	50,000	50,000	50,000
Transaction Privilege License Taxes/Fees	174,858,400	202,658,400	196,758,400
<b>Licenses and permits</b>			
Building Division Permits	7,665,000	9,005,000	7,665,000
Miscellaneous Licenses	915,500	1,000,300	1,028,300
<b>Intergovernmental</b>			
State			
Smart and Safe Shared Revenue	605,000	1,100,000	1,100,000
State Shared Sales Taxes	32,000,000	39,000,000	39,000,000
Urban Revenue Sharing	42,720,000	52,000,000	74,000,000
County			
Auto Lieu Taxes	13,500,000	13,000,000	13,000,000
<b>Charges for services</b>			
Engineering Fees	1,469,100	1,652,700	1,508,700
Library Revenues	339,000	321,800	321,500
Parks and Recreation Fees	3,220,100	3,161,830	3,342,086
Planning Fees	299,500	319,906	299,100
Public Safety Miscellaneous Revenue	5,558,700	5,652,500	5,949,502
<b>Fines and forfeits</b>			
Court Fines	3,273,600	3,828,900	3,380,400
Library Fines	18,000	14,200	10,000
Miscellaneous Violation Fines	122,200	176,700	149,700
<b>Interest on investments</b>			
Interest on Investments	2,317,000	3,056,600	3,818,000
<b>In-lieu property taxes</b>			
Voluntary Contributions	105,138	105,138	99,573
<b>Miscellaneous</b>			
Leases	144,000	158,000	144,000
Other Receipts	1,354,400	1,537,300	1,922,401
Property Rentals	134,700	63,400	69,400
Sale of Fixed Assets	400,000	355,000	410,000
<b>Total General Fund</b>	<b>\$ 294,520,338</b>	<b>\$ 341,847,674</b>	<b>\$ 357,497,062</b>

\* Includes actual revenues recognized on the modified accrual or accrual basis as of the date the proposed budget was prepared, plus estimated revenues for the remainder of the fiscal year.

**City of Chandler**  
**Revenues other than property taxes**  
**Fiscal Year 2024**

Source of revenues	Estimated revenues 2023	Actual revenues* 2023	Estimated revenues 2024
<b>Special revenue funds</b>			
<b>Forfeiture Fund</b>			
Police Forfeiture Reimbursement	750,000	630,000	750,000
	\$ 750,000	\$ 630,000	\$ 750,000
<b>Proposition 400 Fund</b>			
Regional Transportation Sales Taxes	302,000	6,956	60,000
Interest on Investments			
	\$ 302,000	\$ 6,956	\$ 60,000
<b>Highway User Revenue Fund</b>			
Highway Users Taxes	17,744,011	16,800,000	17,000,000
Interest on Investments	363,000	480,100	606,000
	\$ 18,107,011	\$ 17,280,100	\$ 17,606,000
<b>Local Transportation Assistance Fund</b>			
HB2565 RPTA Grant Funds	673,600	673,600	673,600
Bus Shelter Revenue	159,600	160,905	159,600
Interest on Investments	55,000	67,500	85,000
	\$ 888,200	\$ 902,005	\$ 918,200
<b>Grant Funds</b>			
Grants-In-Aid	59,484,522	24,905,085	20,037,400
Community Development Block Grant	5,680,000	5,680,000	5,680,000
Housing Urban Development	28,770,000	25,770,000	28,770,000
Public Housing Authority	3,075,000	3,075,000	3,075,000
Interest on Investments	91,000	110,700	154,000
	\$ 97,100,522	\$ 59,540,785	\$ 57,716,400
<b>Expendable Trust Funds</b>			
Library Trust	80,000	66,300	85,300
Museum Trust		3,100	1,100
Parks and Recreation Trust	80,900	35,900	119,300
Interest on Investments	5,000	5,900	8,000
	\$ 165,900	\$ 111,200	\$ 213,700
<b>Total special revenue funds</b>	\$ 117,313,633	\$ 78,471,046	\$ 77,264,300

\* Includes actual revenues recognized on the modified accrual or accrual basis as of the date the proposed budget was prepared, plus estimated revenues for the remainder of the fiscal year.

**Debt service funds**

Property Taxes (prior year's levies)	200,000	200,000	200,000
Voluntary Contributions	393,249	393,249	389,168
Interest on Investments	138,000	128,500	175,000
	\$ 731,249	\$ 721,749	\$ 764,168
<b>Total debt service funds</b>	\$ 731,249	\$ 721,749	\$ 764,168

**City of Chandler**  
**Revenues other than property taxes**  
**Fiscal Year 2024**

Source of revenues	Estimated revenues 2023	Actual revenues* 2023	Estimated revenues 2024
<b>Capital projects funds</b>			
<b>System Development Fees</b>			
Arterial Streets	6,000,000	7,900,000	6,000,000
Library	115,000	115,000	115,000
Parks	2,879,000	750,000	449,000
Public Building	277,000	250,000	277,000
Public Safety - Fire	553,000	500,000	553,000
Public Safety - Police	312,000	312,000	312,000
Wastewater	10,100,300	2,010,300	10,100,300
Water	6,300,000	1,170,000	6,300,000
Capital Grants	47,427,475	13,021,514	46,667,193
Capital Replacement	423,098	423,068	440,696
Interest on Investments	1,890,500	2,059,100	2,328,000
Municipal Arts Contributions	359,000	234,357	173,987
Sale of Fixed Assets	300,000	218,864	300,000
Vehicle Replacement	2,793,349	2,766,212	2,865,598
	<u>\$ 79,729,722</u>	<u>\$ 31,730,415</u>	<u>\$ 76,881,774</u>
<b>Total capital projects funds</b>	<u>\$ 79,729,722</u>	<u>\$ 31,730,415</u>	<u>\$ 76,881,774</u>

\* Includes actual revenues recognized on the modified accrual or accrual basis as of the date the proposed budget was prepared, plus estimated revenues for the remainder of the fiscal year.

**Enterprise funds**

Airport Services	881,000	926,605	984,988
Reclaimed Water Services	1,536,370	1,592,500	1,656,500
Solid Waste Services	18,465,964	18,321,200	18,751,994
Wastewater Services	131,692,076	66,479,005	157,550,949
Water Services	55,961,932	55,194,720	54,582,073
Interest on Investments	2,527,000	2,576,300	2,818,000
	<u>\$ 211,064,342</u>	<u>\$ 145,090,330</u>	<u>\$ 236,344,504</u>
<b>Total enterprise funds</b>	<u>\$ 211,064,342</u>	<u>\$ 145,090,330</u>	<u>\$ 236,344,504</u>

\* Includes actual revenues recognized on the modified accrual or accrual basis as of the date the proposed budget was prepared, plus estimated revenues for the remainder of the fiscal year.

**Internal service funds**

Self-Insurance Premiums	31,166,200	28,286,500	33,055,000
Other Receipts	210,000	214,596	210,000
Interest on Investments	384,000	600,800	1,362,000
	<u>\$ 31,760,200</u>	<u>\$ 29,101,896</u>	<u>\$ 34,627,000</u>
<b>Total internal service funds</b>	<u>\$ 31,760,200</u>	<u>\$ 29,101,896</u>	<u>\$ 34,627,000</u>
<b>Total all funds</b>	<u>\$ 735,119,484</u>	<u>\$ 626,963,110</u>	<u>\$ 783,378,808</u>

\* Includes actual revenues recognized on the modified accrual or accrual basis as of the date the proposed budget was prepared, plus estimated revenues for the remainder of the fiscal year.

**City of Chandler**  
**Other financing sources/(uses) and interfund transfers**  
**Fiscal year 2024**

Fund	Other financing 2024		Interfund transfers 2024	
	Sources	(Uses)	In	(Out)
<b>General Fund</b>				
General Fund	\$	\$	\$ 8,678,182	\$ 152,883,408
<b>Total General Fund</b>	\$	\$	\$ 8,678,182	\$ 152,883,408
<b>Special revenue funds</b>				
Proposition 400	\$	\$	\$	\$ 60,000
Highway User Revenue				123,665
Local Transportation Assistance				1,736
Grants				500,000
Housing			431,000	
<b>Total special revenue funds</b>	\$	\$	\$ 431,000	\$ 685,401
<b>Debt service funds</b>				
Genral Obligation Debt Service	\$	\$	\$ 7,436,432	\$
<b>Total debt service funds</b>	\$	\$	\$ 7,436,432	\$
<b>Capital projects funds</b>				
General Government Capital Projects	\$	\$	\$ 127,979,127	\$
Arterial Street Impact Fees				2,750,000
Computer Replacement			4,238,302	
Capital Grants			500,000	
Park Bonds	65,050,000			50,000
Park Impact Fees				4,673,432
Library Impact Fees				13,000
Library Bonds	1,600,000			
Museum Bonds			50,000	
Public Faciltiy Bonds	2,600,000			
Public Building Impact Fees				100,000
Public Safety Bonds - Fire	4,500,000			
Public Safety Impact Fees - Fire				350,000
Public Safety Bonds - Police	700,000			
Public Safety Impact Fees - Police				250,000
Reclaimed Water System Development Fees				500,000
Street Bonds	42,000,000		60,000	
Storm Sewer General Obligation Bonds	3,250,000			
Wastewater Bonds	17,850,000			
Wastewater System Development Fees			500,000	10,000,000
Water Bonds	71,550,000			
Water System Development Fees				4,773,368
<b>Total capital projects funds</b>	\$ 209,100,000	\$	\$ 133,327,429	\$ 23,459,800
<b>Enterprise funds</b>				
Airport Operating	\$	\$	\$ 6,403,448	\$ 115,047
Reclaimed Water Operating			2,650,232	2,716,946
Solid Waste Operating				1,068,549
Wastewater Operating			11,200,392	3,873,314
Water Operating			6,162,168	5,874,358
Wastewater Industrial Process Treatment				636,830
<b>Total enterprise funds</b>	\$	\$	\$ 26,416,240	\$ 14,285,044
<b>Internal service funds</b>				
Self-Insurance Funds	\$	\$	\$ 15,046,923	\$ 22,553
<b>Total Internal Service Funds</b>	\$	\$	\$ 15,046,923	\$ 22,553
<b>Total all funds</b>	\$ 209,100,000	\$	\$ 191,336,206	\$ 191,336,206

**City of Chandler  
Expenditures/expenses by fund  
Fiscal year 2024**

<b>Fund/Department</b>	<b>Adopted budgeted expenditures/ expenses 2023</b>	<b>Expenditure/ expense adjustments approved 2023</b>	<b>Actual expenditures/ expenses* 2023</b>	<b>Budgeted expenditures/ expenses 2024</b>
<b>General Fund</b>				
City Clerk	\$ 1,033,622	\$ 153,433	\$ 830,100	\$ 836,937
City Magistrate	5,025,617	255,035	4,991,350	5,400,966
City Manager	18,646,048	2,153,547	19,190,756	20,359,467
Communications and Public Affairs	2,682,072	493,606	3,095,391	3,809,110
Community Services	29,928,146	3,388,231	32,094,652	33,452,125
Cultural Development	4,001,437	329,547	4,257,023	4,542,297
Development Services	10,008,386	808,322	10,202,457	10,980,344
Information Technology	16,084,234	2,026,190	17,209,458	21,304,000
Law	4,236,416	285,097	4,426,555	4,687,089
Management Services	7,486,762	484,787	7,375,253	8,188,881
Mayor and Council	1,184,388	37,071	1,191,483	1,262,159
Neighborhood Resources	4,114,985	4,465,028	7,163,156	6,700,823
Non-Departmental	79,383,795	(16,640,418)	52,200,692	100,261,981
Public Safety - Fire	39,238,155	5,854,545	43,879,143	44,819,411
Public Safety - Police	83,324,801	10,573,260	91,713,278	92,895,766
Public Works & Utilities	10,314,947	1,637,205	11,418,492	10,597,467
Contingency/Reserves	55,223,300	(16,318,720)		70,689,952
<b>Total General Fund</b>	<b>\$ 371,917,111</b>	<b>\$ (14,234)</b>	<b>\$ 311,239,239</b>	<b>\$ 440,788,775</b>
<b>Special revenue funds</b>				
Police Forfeiture Fund	\$	\$	\$	\$
Public Safety - Police	750,000	36,949	500,000	750,000
Contingency/Reserves	22,000	(22,000)		33,000
Development Services	737,115	83,676	749,640	803,232
Public Works & Utilities	27,005,774	(1,744,075)	9,734,556	36,080,333
Non-Departmental	318,800	(219,200)		269,600
Contingency/Reserves	1,435,000	(934,999)		976,000
City Manager	2,274,806	(227,499)	584,441	2,584,678
Public Works & Utilities		83,549		83,549
Non-Departmental	300			300
Contingency/Reserves	59,000	(59,000)		56,000
City Magistrate		979,651	812,708	
City Manager		4,614,712	2,633,343	1,600,000
Community Services	174,750	1,819,529	1,384,908	40,000
Cultural Development		19,590	18,190	
Development Services		1,319,107	1,085,507	
Information Technology		5,349,736	5,130,788	
Law		10,000	10,000	
Management Services		1,026,307	873,414	
Mayor & Council		138,097	113,933	
Neighborhood Resources	37,400	7,148,094	3,471,473	
Public Safety - Fire	180,816	1,631,979	1,044,412	
Public Safety - Police	59,835	10,567,575	8,316,779	
Public Works & Utilities		29,650		
Non-Departmental		21,533	9,630	
Contingency/Reserves	89,649,051	(42,603,882)		21,397,400
Neighborhood Resources	4,510,457	27,950	3,761,831	3,358,879
Contingency/Reserves	1,169,543			2,321,121
Neighborhood Resources	29,354,946	204,753	20,855,956	29,780,121
Non-Departmental	102,900	(102,730)		85,000
Contingency/Reserves	3,010,510	(189,749)		3,809,116
Community Services	201,438	241	145,104	251,925
Cultural Development	55,210	7,478	44,095	55,333
Non-Departmental	400	(400)		
Contingency/Reserves	7,000	(6,000)		7,000
<b>Total special revenue funds</b>	<b>\$ 161,117,051</b>	<b>\$ (10,989,378)</b>	<b>\$ 61,280,708</b>	<b>\$ 104,342,587</b>
<b>Debt service funds</b>				
General Obligation Debt Service	\$ 40,656,427	\$	\$ 40,656,425	\$ 41,367,104
Contingency/Reserves	350,000			375,152
<b>Total debt service funds</b>	<b>\$ 41,006,427</b>	<b>\$</b>	<b>\$ 40,656,425</b>	<b>\$ 41,742,256</b>
<b>Capital projects funds</b>				
City Manager	\$ 24,779,958	\$ 643,511	\$ 2,345,186	\$ 43,099,783
Communications and Public Affairs	136,560		104,907	
Community Services	54,923,304	(2,494,574)	5,459,580	93,519,617
Cultural Development	4,031,203	(71,936)	365,284	9,431,648
Development Services	8,866,024	663,371	355,326	11,481,720
Information Technology	12,694,632	(136,001)	1,270,591	16,459,914
Management Services		52,974		
Neighborhood Resources	2,703,659	(1)	2,625,000	78,658
Public Safety - Fire	13,225,069	166,344	2,956,178	13,587,335
Public Safety - Police	10,998,591	499,581	2,068,473	16,024,339
Public Works & Utilities	201,158,532	(7,335,850)	21,845,915	368,974,405
Non-Departmental	11,200,115	3,966,882	13,935,662	7,120,014
Contingency/Reserves	12,751,680	19,456,918		7,971,527
<b>Total capital projects funds</b>	<b>\$ 357,469,327</b>	<b>\$ 15,411,219</b>	<b>\$ 53,332,102</b>	<b>\$ 587,748,960</b>
<b>Enterprise funds</b>				
City Manager	\$ 5,895,710	\$ (39,412)	\$ 1,588,982	\$ 7,075,933
Information Technology	1,445,391	(6,600)	102,000	3,735,817
Public Works & Utilities	313,993,276	3,706,273	114,490,966	340,592,335
Non-Departmental	1,974,500	(1,045,731)	102,366	2,403,040
Contingency/Reserves	15,989,625	(7,311,985)		35,592,752
Debt Service	31,661,361		31,660,559	34,179,081
<b>Total enterprise funds</b>	<b>\$ 370,959,863</b>	<b>\$ (4,697,455)</b>	<b>\$ 147,944,873</b>	<b>\$ 423,578,958</b>
<b>Internal service funds</b>				
Self-Insurance	\$	\$	\$	\$
City Manager	1,948,888	495,282	2,101,952	2,095,590
Law	7,580,228	138,906	7,265,674	7,644,602
Management Services	1,239,092	189,589	1,011,629	7,881,795
Non-Departmental	33,795,629	(9,009)	29,147,450	34,234,900
Contingency/Reserves	5,624,920	(524,920)		6,215,962
<b>Total internal service funds</b>	<b>\$ 50,188,757</b>	<b>\$ 289,848</b>	<b>\$ 39,526,705</b>	<b>\$ 58,072,849</b>
<b>Total all funds</b>	<b>\$ 1,352,658,536</b>	<b>\$</b>	<b>\$ 653,980,052</b>	<b>\$ 1,656,274,385</b>

\* Includes actual expenditures/expenses recognized on the modified accrual or accrual basis as of the date the proposed budget was prepared, plus estimated expenditures/expenses for the remainder of the fiscal year.



**City of Chandler**  
**Expenditures/expenses by department**  
**Fiscal year 2024**

Department/Fund	Adopted budgeted expenditures/ expenses 2023	Expenditure/ expense adjustments approved 2023	Actual expenditures/ expenses* 2023	Budgeted expenditures/ expenses 2024
<b>City Clerk</b>				
General Fund	\$ 1,033,622	\$ 153,433	\$ 830,100	\$ 836,937
<b>Department total</b>	<b>\$ 1,033,622</b>	<b>\$ 153,433</b>	<b>\$ 830,100</b>	<b>\$ 836,937</b>
<b>City Magistrate</b>				
General Fund	\$ 5,025,617	\$ 255,035	\$ 4,991,350	\$ 5,400,966
Special Revenue Fund - Grant		979,651	812,708	
<b>Department total</b>	<b>\$ 5,025,617</b>	<b>\$ 1,234,686</b>	<b>\$ 5,804,058</b>	<b>\$ 5,400,966</b>
<b>City Manager</b>				
General Fund	\$ 18,646,048	\$ 2,153,547	\$ 19,190,756	\$ 20,359,467
Special Revenue Fund - LTAF	2,274,806	(227,499)	584,441	2,584,678
Special Revenue Fund - Grants		4,614,712	2,633,343	1,600,000
Capital Projects Fund - Gen Gov't Capital Project	13,163,161	516,719	2,024,673	18,005,557
Capital Projects Fund - Fleet		150,136	70,880	92,900
Capital Projects Fund - Grants	11,293,657	(3,396)	233,457	21,988,310
Capital Projects Fund - Bonds	323,140	(19,948)	16,176	3,013,016
Enterprise Fund - Water	2,892	(2,892)		
Enterprise Fund - Airport	5,892,818	(36,520)	1,588,982	7,075,933
Internal Service Fund - Self Insurance	1,948,888	495,282	2,101,952	2,095,590
<b>Department total</b>	<b>\$ 53,545,410</b>	<b>\$ 7,640,141</b>	<b>\$ 28,444,660</b>	<b>\$ 76,815,451</b>
<b>Communications and Public Affairs</b>				
General Fund	\$ 2,682,072	\$ 493,606	\$ 3,095,391	\$ 3,809,110
Capital Projects Fund - Equipment	136,560		104,907	
<b>Department total</b>	<b>\$ 2,818,632</b>	<b>\$ 493,606</b>	<b>\$ 3,200,298</b>	<b>\$ 3,809,110</b>
<b>Community Services</b>				
General Fund	\$ 29,928,146	\$ 3,388,231	\$ 32,094,652	\$ 33,452,125
Special Revenue Fund - Grants	174,750	1,819,529	1,384,908	40,000
Special Revenue Fund - Trust	201,438	241	145,104	251,925
Capital Projects Fund - Gen Gov't Capital Project	9,456,523	(310,395)	854,802	10,024,324
Capital Projects Fund - Fleet	37,200	245,792	60,461	62,000
Capital Projects Fund - Grants	10,578,776	(185,068)	638,019	10,255,689
Capital Projects Fund - Bonds	30,919,517	(1,107,724)	1,834,406	69,971,387
Capital Projects Fund - Impact Fees	3,931,288	(1,137,179)	2,071,892	3,206,217
<b>Department total</b>	<b>\$ 85,227,638</b>	<b>\$ 2,713,427</b>	<b>\$ 39,084,244</b>	<b>\$ 127,263,667</b>
<b>Cultural Development</b>				
General Fund	\$ 4,001,437	\$ 329,547	\$ 4,257,023	\$ 4,542,297
Special Revenue Fund - Grants		19,590	18,190	
Special Revenue Fund - Trust	55,210	7,478	44,095	55,333
Capital Projects Fund - Gen Gov't Capital Project	1,891,792	(101,935)	223,152	5,358,705
Capital Projects Fund - Grants	371,287	(1)		528,286
Capital Projects Fund - Municipal Art	380,000	5,000	107,000	301,665
Capital Projects Fund - Bonds	1,388,124	25,000	35,132	3,242,992
<b>Department total</b>	<b>\$ 8,087,850</b>	<b>\$ 284,679</b>	<b>\$ 4,684,592</b>	<b>\$ 14,029,278</b>
<b>Development Services</b>				
General Fund	\$ 10,008,386	\$ 808,322	\$ 10,202,457	\$ 10,980,344
Special Revenue Fund - HURF	737,115	83,676	749,640	803,232
Special Revenue Fund - Grants		1,319,107	1,085,507	
Capital Projects Fund - Gen Gov't Capital Project	2,180,811	(2,004)	49,026	4,406,781
Capital Projects Fund - Fleet		141,522	137,073	35,100
Capital Projects Fund - Grants	4,715,737	548,501	155,233	5,109,005
Capital Projects Fund - Bonds	1,969,476	(24,648)	13,994	1,930,834
<b>Department total</b>	<b>\$ 19,611,525</b>	<b>\$ 2,874,476</b>	<b>\$ 12,392,930</b>	<b>\$ 23,265,296</b>

**City of Chandler**  
**Expenditures/expenses by department**  
**Fiscal year 2024**

Department/Fund	Adopted budgeted expenditures/ expenses 2023	Expenditure/ expense adjustments approved 2023	Actual expenditures/ expenses* 2023	Budgeted expenditures/ expenses 2024
<b>Information Technology</b>				
General Fund	\$ 16,084,234	\$ 2,026,190	\$ 17,209,458	\$ 21,304,000
Special Revenue Fund - Grants		5,349,736	5,130,788	
Capital Projects Fund - Gen Gov't Capital Project	12,694,632	(163,384)	1,243,208	16,459,914
Capital Projects Fund - Fleet		27,383	27,383	
Enterprise Fund - Water	684,694	(6,600)	102,000	1,639,256
Enterprise Fund - Wastewater	523,915			1,327,351
Enterprise Fund - Solid Waste	225,266			753,854
Enterprise Fund - Airport	11,516			15,356
<b>Department total</b>	<b>\$ 30,224,257</b>	<b>\$ 7,233,325</b>	<b>\$ 23,712,837</b>	<b>\$ 41,499,731</b>
<b>Law</b>				
General Fund	\$ 4,236,416	\$ 285,097	\$ 4,426,555	\$ 4,687,089
Special Revenue Fund - Grants		10,000	10,000	
Internal Service Fund - Self Insurance	7,580,228	138,906	7,265,674	7,644,602
<b>Department total</b>	<b>\$ 11,816,644</b>	<b>\$ 434,003</b>	<b>\$ 11,702,229</b>	<b>\$ 12,331,691</b>
<b>Management Services</b>				
General Fund	\$ 7,486,762	\$ 484,787	\$ 7,375,253	\$ 8,188,881
Special Revenue Fund - Grants		1,026,307	873,414	
Capital Projects Fund - Fleet		52,974		
Internal Service Fund - Self Insurance	94,514	4,816	91,150	101,082
Internal Service Fund - Uninsured Liability	1,144,578	184,773	920,479	7,780,713
<b>Department total</b>	<b>\$ 8,725,854</b>	<b>\$ 1,753,657</b>	<b>\$ 9,260,296</b>	<b>\$ 16,070,676</b>
<b>Mayor and Council</b>				
General Fund	\$ 1,184,388	\$ 37,071	\$ 1,191,483	\$ 1,262,159
Special Revenue Fund - Grants		138,097	113,933	
<b>Department total</b>	<b>\$ 1,184,388</b>	<b>\$ 175,168</b>	<b>\$ 1,305,416</b>	<b>\$ 1,262,159</b>
<b>Neighborhood Resources</b>				
General Fund	\$ 4,114,985	\$ 4,465,028	\$ 7,163,156	\$ 6,700,823
Special Revenue Fund - Grants	33,902,803	7,380,797	28,089,260	33,119,000
Capital Projects Fund - Grants	2,703,659	(1)	2,625,000	78,658
<b>Department total</b>	<b>\$ 40,721,447</b>	<b>\$ 11,845,824</b>	<b>\$ 37,877,416</b>	<b>\$ 39,898,481</b>
<b>Non-Departmental - Includes Contingencies</b>				
General Fund	\$ 134,607,095	\$ (32,959,138)	\$ 52,200,692	\$ 170,951,933
Special Revenue Fund - Police Forfeiture	22,000	(22,000)		33,000
Special Revenue Fund - HURF	1,753,800	(1,154,199)		1,245,600
Special Revenue Fund - LTAF	59,300	(59,000)		56,300
Special Revenue Fund - Grants	93,932,004	(42,874,828)	9,630	27,632,637
Special Revenue Fund - Trust	7,400	(6,400)		7,000
Debt Service - General Obligation	350,000			375,152
Capital Projects Fund - Gen Gov't Capital Project	9,008,326	7,655,968	9,781,988	2,212,216
Capital Projects Fund - Equip/Tech/Fleet	7,414,289	(926,849)	4,033,070	10,592,914
Capital Projects Fund - Grants		14,900,116		
Capital Projects Fund - Municipal Art	20,000	(20,000)		31,000
Capital Projects Fund - Bonds	300	142,123		114,200
Capital Projects Fund - Impact/System Dev Fees	7,508,880	1,672,442	120,604	2,141,211
Enterprise Fund - Water	9,474,700	(3,814,500)	37,300	16,006,355
Enterprise Fund - Reclaimed Water	663,700	(141,900)	1,500	674,800
Enterprise Fund - Wastewater	5,578,300	(3,617,198)	38,600	17,605,237
Enterprise Fund - Solid Waste	2,009,200	(849,638)	24,966	3,527,300
Enterprise Fund - Airport	238,225	65,520		182,100
Internal Service Fund - Self Insurance	38,798,529	(422,809)	29,147,450	39,780,962
Internal Service Fund - Uninsured Liability	622,020	(111,120)		669,900
<b>Department total</b>	<b>\$ 312,068,068</b>	<b>\$ (62,543,410)</b>	<b>\$ 95,395,800</b>	<b>\$ 293,839,817</b>

**City of Chandler**  
**Expenditures/expenses by department**  
**Fiscal year 2024**

Department/Fund	Adopted budgeted expenditures/ expenses 2023	Expenditure/ expense adjustments approved 2023	Actual expenditures/ expenses* 2023	Budgeted expenditures/ expenses 2024
<b>Public Safety - Fire</b>				
General Fund	\$ 39,238,155	\$ 5,854,545	\$ 43,879,143	\$ 44,819,411
Special Revenue Fund - Grants	180,816	1,631,979	1,044,412	
Capital Projects Fund - Fleet				362,100
Capital Projects Fund - Grants				1,340,000
Capital Projects Fund - Gen Gov't Capital Project	2,604,659	560,299	453,993	4,160,965
Capital Projects Fund - Bonds	10,620,410	(393,955)	2,502,185	7,724,270
<b>Department total</b>	<b>\$ 52,644,040</b>	<b>\$ 7,652,868</b>	<b>\$ 47,879,733</b>	<b>\$ 58,406,746</b>
<b>Public Safety - Police</b>				
General Fund	\$ 83,324,801	\$ 10,573,260	\$ 91,713,278	\$ 92,895,766
Special Revenue Fund - Police Forfeiture	750,000	36,949	500,000	750,000
Special Revenue Fund - Grants	59,835	10,567,575	8,316,779	
Capital Projects Fund - Gen Gov't Capital Project	7,516,901	(521,231)	931,980	9,468,110
Capital Projects Fund - Equipment/Fleet	2,141,404	1,048,512	1,041,736	5,068,400
Capital Projects Fund - Bonds	1,340,286	(27,700)	94,757	1,487,829
<b>Department total</b>	<b>\$ 95,133,227</b>	<b>\$ 21,677,365</b>	<b>\$ 102,598,530</b>	<b>\$ 109,670,105</b>
<b>Public Works &amp; Utilities</b>				
General Fund	\$ 10,314,947	\$ 1,637,205	\$ 11,418,492	\$ 10,597,467
Special Revenue Fund - HURF	27,005,774	(1,744,075)	9,734,556	36,080,333
Special Revenue Fund - LTAF		83,549		83,549
Special Revenue Fund - Grants		29,650		
Capital Projects Fund - Gen Gov't Capital Project	21,869,005	629,278	931,730	57,882,555
Capital Projects Fund - Fleet	460,100	301,848	76,057	1,455,000
Capital Projects Fund - Grants	49,923,328	(5,691,913)	3,952,035	57,555,608
Capital Projects Fund - Bonds	76,939,245	838,351	12,765,796	206,345,219
Capital Projects Fund - Impact/System Dev Fees	51,966,854	(3,426,614)	4,120,297	45,736,023
Enterprise Fund - Water	58,039,204	3,274,696	41,134,662	69,864,389
Enterprise Fund - Reclaimed Water	1,510,583	178,546	2,274,388	1,534,091
Enterprise Fund - Wastewater	235,913,227	68,944	54,332,229	247,601,930
Enterprise Fund - Solid Waste	18,530,262	197,287	16,749,687	21,591,925
<b>Department total</b>	<b>\$ 552,472,529</b>	<b>\$ (3,623,248)</b>	<b>\$ 157,489,929</b>	<b>\$ 756,328,089</b>
<b>Debt Service</b>				
Debt Service - General Obligation	\$ 40,656,427		\$ 40,656,425	\$ 41,367,104
Enterprise Fund - Water	13,685,273		13,685,059	15,749,298
Enterprise Fund - Wastewater	17,976,088		17,975,500	18,429,783
<b>Department total</b>	<b>\$ 72,317,788</b>		<b>\$ 72,316,984</b>	<b>\$ 75,546,185</b>
<b>Total All Departments</b>	<b>1,352,658,536</b>		<b>653,980,052</b>	<b>1,656,274,385</b>

\* Includes actual expenditures/expenses recognized on the modified accrual or accrual basis as of the date the proposed budget was prepared, plus estimated expenditures/expenses for the remainder of the fiscal year.

**City of Chandler**  
**Full-time employees and personnel compensation**  
**Fiscal year 2024**

<b>Fund</b>	<b>Full-time equivalent (FTE) 2024</b>	<b>Employee salaries and hourly costs 2024</b>	<b>Retirement costs 2024</b>	<b>Healthcare costs 2024</b>	<b>Other benefit costs 2024</b>	<b>Total estimated personnel compensation 2024</b>
<b>General Fund</b>	1,436.29	\$ 157,290,230	\$ 105,121,454	\$ 19,285,533	\$ 15,551,614	\$ 297,248,831
<b>Special revenue funds</b>						
Highway User Revenue	49.25	\$ 3,695,006	\$ 469,109	\$ 619,867	\$ 377,652	\$ 5,161,634
Local Transportation Assistance		29,247	2,922	1,462	2,272	35,903
HOME Program	0.12	7,228	969	1,738	637	10,572
Community Development Block Grants	4.50	325,365	39,674	25,658	31,482	422,179
PHA Family Sites	6.65	476,181	56,023	87,576	46,019	665,799
PHA Elderly & Scattered Sites	3.15	255,975	28,588	41,089	24,543	350,195
PHA Management	5.10	529,589	65,263	75,195	50,538	720,585
PHA Family Self Sufficiency	2.00	154,793	19,376	33,656	15,549	223,374
PHA Section 8	4.30	293,347	35,067	53,630	28,266	410,310
PHA Capital Fund Program		22,796	912	1,140	1,920	26,768
Proceeds Reimbursement Projects	0.09	5,421	727	1,304	476	7,928
Museum Trust		1,142	46	57	88	1,333
Parks and Recreation Trust		4,638	186	232	469	5,525
<b>Total special revenue funds</b>	75.16	\$ 5,800,728	\$ 718,862	\$ 942,604	\$ 579,911	\$ 8,042,105
<b>Capital projects funds</b>						
In-House Capital	18.00	\$ 1,952,286	\$ 241,556	\$ 193,810	\$ 166,086	\$ 2,553,738
<b>Total capital projects funds</b>	18.00	\$ 1,952,286	\$ 241,556	\$ 193,810	\$ 166,086	\$ 2,553,738
<b>Enterprise funds</b>						
Water Operating	97.96	\$ 8,633,010	\$ 1,090,350	\$ 1,355,045	\$ 843,907	\$ 11,922,312
Reclaimed Water Operating	4.09	334,292	42,324	44,141	34,474	455,231
Wastewater Operating	60.85	5,338,539	675,935	843,188	530,927	7,388,589
WW Industrial Process Treatment	17.00	1,495,021	184,249	213,736	149,712	2,042,718
Solid Waste Operating	22.20	1,514,703	189,393	316,688	130,414	2,151,198
Airport Operating	7.00	660,612	83,155	74,775	67,939	886,481
<b>Total enterprise funds</b>	209.10	\$ 17,976,177	\$ 2,265,406	\$ 2,847,573	\$ 1,757,373	\$ 24,846,529
<b>Internal service funds</b>						
Workers' Compensation Self Insurance	4.55	\$ 415,359	\$ 52,199	\$ 70,278	\$ 33,855	\$ 571,691
Insured Liability Self Insurance	4.00	428,640	53,241	52,012	34,015	567,908
Uninsured Liability Self Insurance	5.00	464,606	58,789	56,872	37,920	618,187
Short Term Disability Self Insurance	0.40	39,480	4,716	4,064	231,058	279,318
Medical Self Insurance	3.50	355,552	44,311	44,965	296,569	741,397
<b>Total internal service fund</b>	17.45	\$ 1,703,637	\$ 213,256	\$ 228,191	\$ 633,417	\$ 2,778,501
<b>Total all funds</b>	1,756.00	\$ 184,723,058	\$ 108,560,534	\$ 23,497,711	\$ 18,688,401	\$ 335,469,704



**Res. # 5694**

# **Tentative Budget Adoption**

FY 2023-24 Proposed Budget

2024-2033 Capital Improvement Program (CIP)

**Council Chambers**  
**Thursday, May 25, 2023**





# Statutory Budget Process

## A.R.S. 42-17101 to 17108

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- Adopt a tentative budget that sets forth the different amounts that will be required to meet the political subdivision's public expense for the fiscal year
  - Enter into the minutes or the governing body
  - Prepare according to forms supplied by the auditor general
  - Publish on the website for public review
  - Once tentatively adopted, budget cannot increase
- After tentative adoption, a public hearing shall be had wherein any taxpayer may be heard in favor of or against any proposed expenditure or tax levy (set for June 15, 2023)
- Hold Special meeting after public hearing to adopt the Budget
- Adopt final tax rate on or before 14 days before taxes are levied, but after the public hearing (set for June 29, 2023)





# FY 2023-24 Proposed Budget

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## “Innovation at Work”

- Total Budget \$1,656,274,385 (all funds)
- General Fund Only \$610,510,158

22.5% increase overall  
\$800M operating (+5.9%)  
\$856M capital (+43.4%)

23.8% increase in General Fund  
\$483M operating (+16.9%)  
\$128M capital (+59.2%)

- Adheres to financial policies
- Structurally balanced
- Uses Strategic Framework to guide decisions
- Provides for cost-effective, quality services
- Maintains long-term financial sustainability
- Engaged Residents through input opportunities
  - Budget Survey, Kickoff, & Two Workshops
  - All-day Budget Briefing
  - Tentative and Final Adoption

# FY 2023-24 Proposed Budget Increase Drivers (all funds)

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## Revenues

- Increased revenues to reflect actual economic environment
- Increases are coming from continued development, inflation and strong consumer spending
- Increased State Shared revenues with updated projections



## Expenditures

- Inflation increasing operations and capital budgets
- Personnel costs increasing to invest in City workforce and retain employees; market, merit, and healthcare
- Capital projects increased to address aging infrastructure, bond authorized projects, and grant funded projects
- Infrastructure projects to support Intel expansion (FY 2022-23 \$148M & FY 2023-24 \$30.5M)



## Grants

- Includes \$20M in American Rescue Plan Act (ARPA) funds included in FY 2023-24 budget as carryforward
- Continued focus on Grant opportunities and having “shovel ready” projects that may qualify

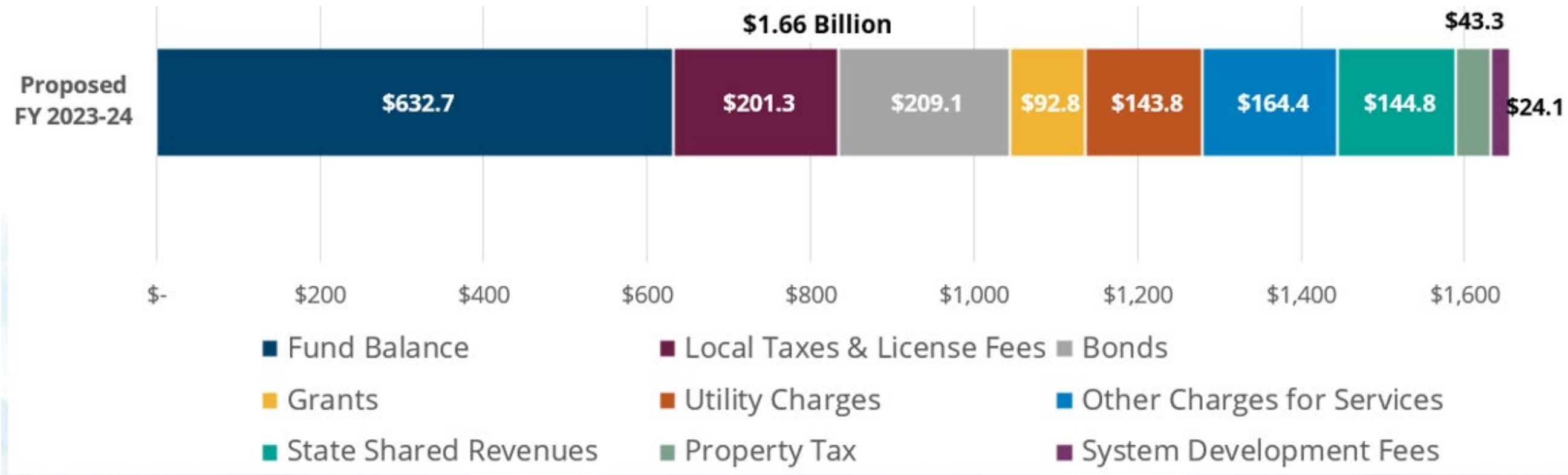


## Debt

- Additional one-time payment of \$73M to pay-off PSPRS unfunded liability and generate ongoing savings

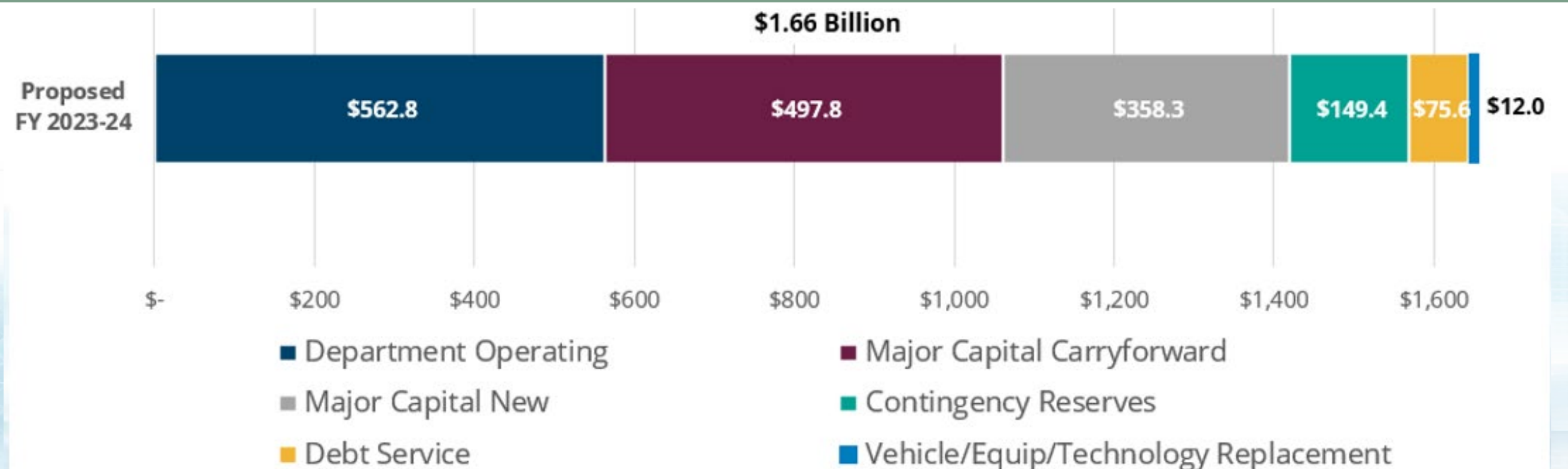


# Total Annual Proposed Budget All Funds (in millions)



“Where the  
Money Comes  
From”

“Where the  
Money Goes”



# Operating Budget Highlights

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**Reduces City property tax rate for the 8<sup>th</sup> consecutive year**

**No change to Transaction Privilege Tax (TPT) rates**

**Anticipates Water, Wastewater, and Solid Waste rate changes to continue to move toward Cost of Service recommendations**

**Budget maintains existing service levels and enhances programs tied to Strategic Framework**

**Adds funding for labor association commitments and general employee merit/market**

**Plans towards debt reduction: \$73M in one-time funding for pay-off of Public Safety Personnel Retirement System (PSPRS) liability**

**Maintains strong reserves (includes 15% General Fund contingency reserve and \$20M budget stabilization reserve)**

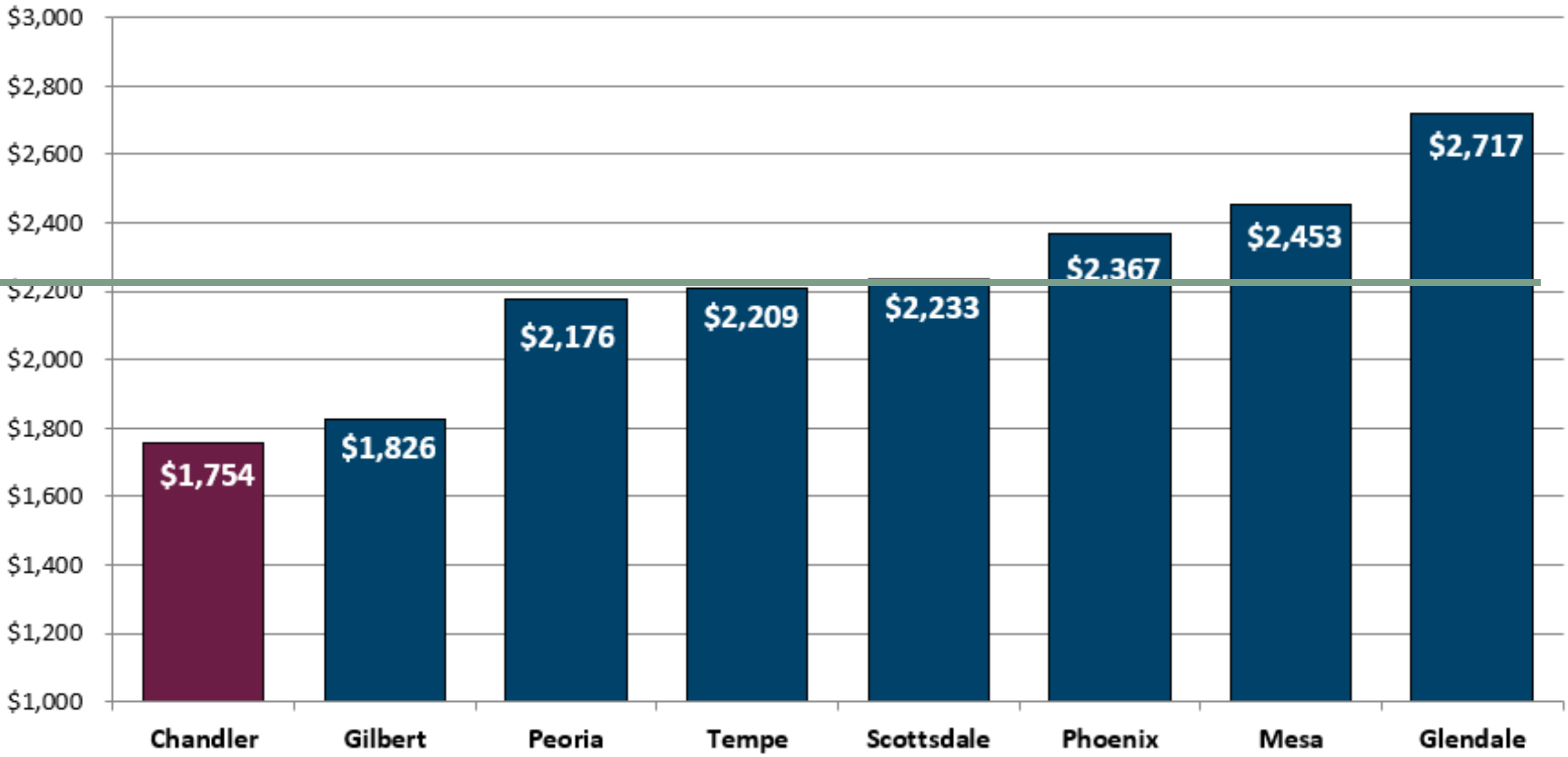
**Potential State Legislative revenue impacts continue to be monitored**

# Average Annual Residential Cost Comparison for Direct Services

## Estimated Annual Cost of Services

*Average Residential Cost for Water, Wastewater, Solid Waste, Property Tax, and Sales Tax*

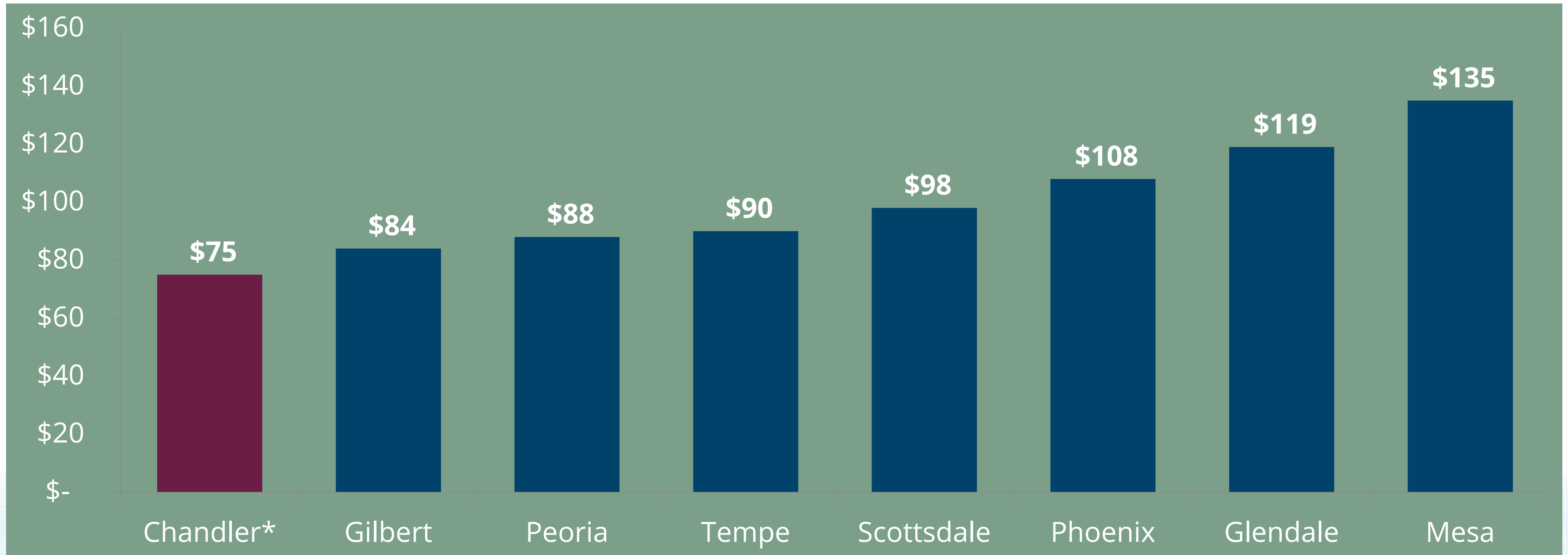
The average annual  
cost of services across  
the valley is:  
**\$2,217**



*Source: City of Tempe Cost of Services Study July 2022*



# Average Residential Cost Comparison for Water, Wastewater and Solid Waste



Based on Tempe Cost of Service July 2022 results at 10,000 gallons single family residential rates for FY 2022-23  
\* Incorporates Chandler's planned rate increases for FY 2023-24



# 2024-2033 CIP Highlights

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- 2024-2033 CIP total is \$1,963,967,457 (\$299M more than the 2023-2032 CIP)
- Updated to reflect inflationary pressures
- Increased focus on aging infrastructure
- Includes \$178.5M in projects for infrastructure to support Intel expansion
- Bond authorization longevity shortened by inflation and additional projects



# Proposed FY 2023-24 CIP Appropriation (all funds)

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**Capital  
Carryforward  
\$497.7M**

**Contingency &  
Reserves  
\$0.45M**

**New  
Funding  
\$358.3M**

**\$856.5M  
Total CIP  
Appropriation**



# Key Budget Dates

Budget Event		Date
Council Budget Kickoff		Completed Oct.
Citizen Budget Survey		Completed Dec.
Council Workshop #1		Completed Feb.
Council Workshop #2		Completed Mar.
All Day Budget Briefing		Completed Apr.
Council Meetings and Statutory Requirements	Tentative Budget/CIP Adoption	5/25/2023
	Budget Public Hearing and Final Adoption	06/15/2023
	Adoption of Tax Levies	06/29/2023



For your consideration:  
Res. #5694 approves the Tentative Budget

Questions?



## **RESOLUTION NO. 5694**

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF CHANDLER, ARIZONA, ADOPTING THE TENTATIVE ESTIMATES OF THE AMOUNTS REQUIRED FOR THE PUBLIC EXPENSE FOR THE CITY OF CHANDLER FOR THE FISCAL YEAR 2023-24; ADOPTING A TENTATIVE BUDGET; SETTING FORTH THE RECEIPTS AND EXPENDITURES, THE AMOUNTS ACTUALLY LEVIED AND THE AMOUNTS ESTIMATED AS COLLECTIBLE FOR THE PREVIOUS FISCAL YEAR, AND THE AMOUNT PROPOSED TO BE RAISED BY DIRECT PROPERTY TAXATION FOR THE VARIOUS PURPOSES; GIVING NOTICE OF THE DATES AND TIMES FOR HEARING TAXPAYERS, FOR FINAL ADOPTION OF BUDGET, AND FOR SETTING THE TAX LEVIES AND TAX RATES; AND ADOPTING A TENTATIVE 2024-2033 CAPITAL IMPROVEMENT PROGRAM FOR THE CITY OF CHANDLER.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Chandler, Arizona, as follows:

- Section 1. That the statements/exhibits herein contained are hereby adopted for the purpose as hereinafter set forth as the Tentative Budget for the City of Chandler, Arizona, for the Fiscal Year (FY) 2023-24.
- Section 2. That the City Clerk be and is hereby authorized and directed to publish in the manner prescribed by law the estimates of expenditures, as hereinafter set forth, together with a notice that the City Council will meet for the purpose of final hearing of taxpayers and for adoption of the FY 2023-24 Annual Budget for the City of Chandler, Arizona, on the 15th day of June, 2023, at the hour of 6:00 p.m., in the Council Chambers, 88 East Chicago Street, Chandler, Arizona, and will further meet for the purpose of making tax levies on the 29th day of June, 2023, at the hour of 6:00 p.m., in the Council Chambers, 88 East Chicago Street, Chandler, Arizona.
- Section 3. That Section 5.07 of the Chandler City Charter requires the City Manager to prepare and submit a Five-Year Capital Improvement Program; and the City Manager has prepared and submitted a Ten-Year Capital Improvement Program to the City Council for its tentative adoption; and the Council has duly considered the contents of said Capital Improvement Program and finds it to be in the best interest of the City of Chandler to tentatively adopt a ten-year improvement program.
- Section 4. That the City of Chandler adopt an Expenditure Control Budget System (ECB) wherein the budget for specific functions may increase annually by a percent increase based on an adjustment factor which can be derived from growth and inflation or other economic factors, if funds are available to do so. Budgets may also change by Departments submitting budget requests based on specific service

needs, or remain constant based on economic factors. Additionally, the following delegations to the City Manager or City Manager's designee are defined:

- a. Current personnel policies and practices, including salary schedules and benefits previously approved by the City Council are to continue except as hereinafter changed by separate action. The classification plan may be amended by the City Manager from time to time to create or abolish classes or positions. The City Manager shall assign each new classification a grade in the salary schedule so that all positions substantially similar with respect to duties, responsibilities, authority, and character of work receive the same schedules of compensation;
- b. Consistent with the responsibilities, duties, authority and performance of the employee, the City Manager may assign employees a salary within the salary rate schedules approved by the City Manager;
- c. The City Manager or City Manager's designee is authorized to transfer appropriation in the non-departmental, salary accounts to the various departmental salary accounts in the appropriate funds and departments;
- d. The City Manager or City Manager's designee is authorized to transfer part or all of any unencumbered appropriation balance among divisions within a department. Upon written request by the City Manager, the City Council may transfer part or all of any unencumbered appropriation balance from one department to another;
- e. The City Manager or City Manager's designee is authorized to transfer part or all of any encumbrance or carryforward reserve within or to a department's budget within or to another fund if necessary;
- f. The City Manager or City Manager's designee is authorized to transfer all or part of savings from prior appropriations in a department's budget from the non-departmental contingency reserves to the appropriate department;
- g. The City Manager or City Manager's designee is authorized to transfer appropriation in the non-departmental, fuel and utility reserve accounts to the various departmental fuel and utility accounts in the appropriate funds and departments;
- h. The City Manager or City Manager's designee is authorized to transfer appropriation in the non-departmental lump sum agreement account to a department or departments to utilize these funds on a specific capital project or other improvement;
- i. The City Manager or City Manager's designee is authorized to transfer appropriation in the non-departmental grant or grant match contingency reserve

account to the various departments upon the City's receipt and acceptance of federal, state, or local grants;

- j. The City Manager or City Manager's designee is authorized to transfer appropriation in the non-departmental vehicle replacement contribution reserve account to the vehicle replacement contribution account in the appropriate funds and department cost centers;
- k. The City Manager or City Manager's designee is authorized to transfer appropriation in the non-departmental technology reserve account to the appropriate funds and department cost centers;
- l. The City Manager or City Manager's designee is authorized to transfer appropriation in the non-departmental fire academy/paramedic school education and training reserve account to the appropriate department cost centers;
- m. The funds appropriated by the resolution are authorized to be expended as necessary and proper for municipal purposes;
- n. In the event that revenues collected are less than appropriated projected revenues, the City Manager or City Manager's designee is authorized to reduce expenditure appropriation accordingly;
- o. In accordance with A.R.S., Section 9-500.04E, Council elects to exercise a waiver of the minimum fleet conversion requirement to alternative fuel;

Section 5. That money from any fund may be used for any of these appropriations, except money specifically restricted by State law or by City Code or resolution.

Section 6. That the statement/exhibits of the tentative budget, as described in Schedules A through G below, are attached hereto and by reference adopted herein.

Schedule A	Summary Schedule of Estimated Revenues and Expenditures/ Expenses
Schedule B	Summary of Tax Levy and Tax Rate Information
Schedule C	Summary by Fund Type of Revenues Other Than Property Taxes
Schedule D	Summary by Fund Type of Other Financing Sources/ <Uses> and Interfund Transfers
Schedule E	Summary by Department of Expenditures/Expenses Within Each Fund Type
Schedule F	Summary by Department of Expenditures/Expenses
Schedule G	Full-Time Employees and Personnel Compensation

PASSED AND ADOPTED by the City Council of the City of Chandler, Arizona, this \_\_\_\_ day of May, 2023.

ATTEST:

\_\_\_\_\_  
CITY CLERK

\_\_\_\_\_  
MAYOR

CERTIFICATION

I HEREBY CERTIFY that the above and foregoing Resolution No. 5694 was duly passed by the City Council of the City of Chandler, Arizona, at a regular meeting held on the \_\_\_\_ day of May, 2023, and that a quorum was present thereat.

\_\_\_\_\_  
CITY CLERK

APPROVED AS TO FORM:

\_\_\_\_\_  
CITY ATTORNEY

JMB



**City Council Memorandum      Cultural Development Memo No.**

**Date:** May 22, 2023  
**To:** Mayor and Council  
**Thru:** Joshua H. Wright, City Manager  
Andy Bass, Deputy City Manager  
**From:** Kim Moyers, Cultural Development Director  
**Subject:** Resolution No. 5692 Approving the Fiscal Year 2023-2024 Annual Assessment for the City of Chandler, Arizona, Downtown Chandler Enhanced Municipal Services District

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**Proposed Motion:**

Move City Council pass and adopt Resolution No. 5692 approving the Fiscal Year 2023-2024 Annual Assessment for City of Chandler, Arizona, Downtown Chandler Enhanced Municipal Services District.

**Background:**

On March 23, 2023, City Council approved Resolution No. 5674, which authorized modification of the Assessment Diagram, making a statement and estimate of expenses for the Downtown Chandler Enhanced Municipal Services District, completing the assessment, and setting the date for the Public Hearing on the assessments for the May 25, 2023, City Council meeting. Prior to the May meeting, staff published notice of the date of the Public Hearing for five consecutive days in the Arizona Republic as required by Arizona Revised Statutes.

Downtown Chandler Community Partnership staff also sent a notice of the Public Hearing to all property owners in the District. The letter advised the property owners that they could file an objection with the City Clerk, should they desire to do so. To date, no objections have been received in the City Clerk's Office. Upon completion of the Public Hearing and authorization of this item, staff will forward the calculated Assessment Roll to the Maricopa County Assessor's Office. The first assessments for the District will be mailed to property owners with their tax bill in July 2023.

## **Financial Implications:**

Assessments in the District are based on three factors, including assessed value (one-third of the assessment), building square footage (one-third of the assessment), and land square footage (one-third of the assessment). All properties are assessed at the same rate, with the exception of buildings along the Historic Square, which are assessed double the building square footage rate.

The Downtown Chandler Community Partnership (DCCP) has requested a 5% inflation adjustment be added to this year's EMSD assessment to all private properties as well the City's voluntary contribution. The DCCP has not requested an increase to account for inflation since its inception in 2005. The total of all assessments is \$324,170.26, of which privately-owned property in the District contributes \$199,426.06 (62%). In addition, the assessment for City-owned property is capped at \$124,744.20, which represents 38% of the total District operating funds for FY 23-24. Funds to provide for the City's contribution to the District have been requested in Downtown Redevelopment's operating budget for FY 23-24.

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## **Attachments**

Resolution No. 5692

Affidavit of Mailing

Notice of Hearing on Assessment

## **RESOLUTION NO. 5692**

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF CHANDLER, ARIZONA, APPROVING THE FISCAL YEAR 2023-24 ANNUAL ASSESSMENT FOR CITY OF CHANDLER, ARIZONA, DOWNTOWN CHANDLER ENHANCED MUNICIPAL SERVICES DISTRICT.

WHEREAS, the Mayor and Council of the City of Chandler, Arizona (the City), initiated a district known as City of Chandler, Arizona, Downtown Chandler Enhanced Municipal Services District (the District) by the adoption of Resolution No. 3905 (the Resolution of Intention); and

WHEREAS, the City acquired jurisdiction to proceed with such District and the Mayor and Council adopted Resolution No. 3924 (the Resolution Ordering the Work); and

WHEREAS, Mayor and Council adopted Resolution No. 5674 authorizing modification of the assessment diagram, making an annual statement and estimate of the expenses of the District for the fiscal year commencing July 1, 2023 and ending June 30, 2024; and did assess the total sum upon the several lots within the District; and

WHEREAS, Mayor and Council ordered that May 25, 2023, be set as the date for hearing the assessment and all proceedings theretofore had and taken and ordered that notice be given as provided by law; and

WHEREAS, notice of such hearing was given by publication for five days in the Arizona Republic newspaper of general circulation in the City, and by mailing notices of the hearing by first class mail, at least twenty (20) days prior to the date set for hearing, to all persons owning real property affected by the Assessment as the names and addresses appear on the last assessment roll for state and county purposes; and

WHEREAS, no written objections have been filed with the City Clerk; and

WHEREAS, it appears that the total annual costs and expenses of the District have been assessed upon each of the several lots included within the District, in proportion to the benefits to be received by each of said lots, and that none of the respective lots have been assessed in excess of the benefits to be received from the District by such respective lots; and

WHEREAS, said Assessment in all respects complies with the laws providing for such Assessments and under which said District was formed.

NOW, THEREFORE, BE IT RESOLVED that the City Council of the City of Chandler, Arizona, as follows:

Section 1. Fully and finally confirms and approves the annual Assessment for City of Chandler, Arizona, Downtown Chandler Enhanced Municipal Services District for the fiscal year commencing July 1, 2023 and ending June 30, 2024, as so made.

Section 2. Ratifies and confirms all acts of the Clerk, the Superintendent of Streets and any person acting for such officials or the City in setting the date for the hearing on the assessment and causing notice thereof to be mailed and published.

PASSED AND ADOPTED by the City Council of the City of Chandler, Arizona, this \_\_\_\_ day of May, 2023.

ATTEST:

\_\_\_\_\_  
CITY CLERK

\_\_\_\_\_  
MAYOR

CERTIFICATION

I HEREBY CERTIFY that the above and foregoing Resolution No. 5692 was duly passed and adopted by the City Council of the City of Chandler, Arizona, at a regular meeting held on the \_\_\_\_ day of May, 2023 and that a quorum was present thereat.

\_\_\_\_\_  
CITY CLERK

APPROVED AS TO FORM:

\_\_\_\_\_  
CITY ATTORNEY

TA



**AFFIDAVIT OF MAILING  
NOTICE OF HEARING ON ASSESSMENT  
THE DOWNTOWN CHANDLER ENHANCED MUNICIPAL SERVICES DISTRICT  
IN THE CITY OF CHANDLER, ARIZONA**

State of Arizona  
County of Maricopa

The undersigned affiant being first duly sworn, deposes and says:

That affidavit is the Executive Director of the Enhanced Municipal Services District in the City of Chandler.

That on **April 12, 2023**, affiant caused to be mailed to each of the persons set forth on the list attached hereto and marked Exhibit A, by first class mail, a copy of the notice of assessment hearing attached hereto and marked Exhibit B.

That the names and addresses of the persons on said Exhibit A are, to the best of affiant's knowledge, information and belief, all persons owning real property affected by the assessments as the names and addresses appear on the last certified property tax roll for the Downtown Chandler Enhanced Municipal Services District in the City of Chandler, Arizona.

Rebecca Hill  
Name  
Executive Director  
Title

Subscribed and sworn to before me this 14<sup>th</sup> day of April, 2023.

Damian Hector Arellano  
Notary Public

My commission expires:

October 20<sup>th</sup> 2026



Attachments:

Exhibit A: List of Names and Addresses of Property Owners

Exhibit B: Form of Notice Hearing



REPORTS OF THE

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CHANDLER, AZ  
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201 South LLC

2. Jack in the Box  
9357 Spectrum Center Blvd  
San Diego, CA 92123

Dr. Investments 7700 Chicago St. #6  
Chandler, AZ 85225

4. 95 West 66 77 W Chicago St #8  
Chandeur, AZ 85225

5. Dustin Popelars  
P.O. Box 2120  
Queencreek AZ 85142

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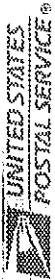
Signature of receiving employee) *[Signature]*

Total Number of Pieces Transmitted by Sender	Total Number of Pieces Received at Post Office
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Firm Mailing Book For Accountable Mail

Name and Address of Sender:

Check type of mail or service

- ☐ Adult Signature Required  
☐ Adult Signature Restricted Delivery  
☐ Certified Mail  
☐ Certified Mail Restricted Delivery  
☐ Collect on Delivery (COD)  
☐ Insured Mail  
☐ Priority Mail
- ☐ Priority Mail Express  
☐ Registered Mail  
☐ Return Receipt for Merchandise  
☐ Signature Confirmation  
☐ Signature Confirmation Restricted Delivery

USPS Tracking/Article Number

Addressee (Name, Street, City, State, & ZIP Code™)

Affix  
(for each  
Postage)

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APR 13, 2023

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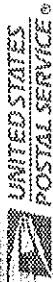
- CS Chandler  
Real Estate LLC  
1328 E. Stetson Dr.  
Chandler, AZ 85251
- PSCL Investments LLC  
71 W. Chicago St. #6  
Chandler, AZ 85225
- Sciacca  
Peter George  
81 W. Boston St.  
Chandler, AZ 85225
- SSPA LLC  
802 Grey Gull St. Ste 200  
Columbia, SC 29201
- AP AJ LLC  
8 S. San Marcos Pl.  
Chandler, AZ 85225
- Mountain Field  
LLC  
81 W. Boston St.  
Chandler, AZ 85225
- 77 LLC  
8 S. San Marcos  
Chandler, AZ 85225

Total Number of Pieces  
Listed by Sender

Total Number of Pieces  
Received at Post Office

Postmaster, Per (Name of receiving employee)

*[Signature]*



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Firm Mailbox Back For Accountants Mail

Name and Address of Sender

Check type of mail or service

- ☐ Adult Signature Required  
☐ Adult Signature Restricted Delivery  
☐ Certified Mail  
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☐ Collect on Delivery (COD)  
☐ Insured Mail  
☐ Priority Mail
- ☐ Priority Mail Express  
☐ Registered Mail  
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☐ Signature Confirmation  
☐ Signature Confirmation Restricted Delivery

Affix Stamp  
(for additional postage)  
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U.S. POSTAGE PAID

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AMOUNT

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USPS Tracking/Article Number	Addressee (Name, Street, City, State, & ZIP Code™)	Postage (Extra Service) Fee	Charge	Signature	Value	Sender's COD	Fee	Fee	Fee	Fee	Fee	Fee
1. R + V Holding LLC	4509 E. Joybelle Rd. Phoenix, AZ 85044											
2. Thomas Holdings LLC	5105 N. Casa Bianca Rd #317 Paradise Valley, AZ 85253											
3. Lavenue LLC	5100 N. Benson Lane Chandler, AZ 85224											
4. 55 LLC	5100 N. Benson Lane Chandler, AZ 85224											
5. Hall Investment Prop. IV LLC	620 W. San Marcos Dr Chandler, AZ 85225											
6. D & B Rental Properties LLC	67 W. Boston Chandler, AZ 85225											
7. Chandler city of	P.O. Box 4008 MS606 Chandler, AZ 85244											
8. DTS Rentals LLC	67 W. Boston, Chandler, AZ											

Total Number of Pieces Listed by Sender

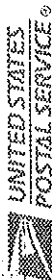
Postmaster, Per (Name of receiving employee)

PS Form 3877, January 2017 (Page 1 of 2)

Complete in ink

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PSN 7530-02-000-8098



UNITED STATES  
POSTAL SERVICE

Firm Mailing Book For Accountable Mail

Name and Address of Sender	Check type of mail or service	Postage	(Extra Service) Fee	Handling Charge	Actual Value if Registered	Insured Value	Due Sender's COD	ASR Fee	ASRD Fee	RD Fee	RR Fee	SC Fee	SCRD Fee	SH Fee
1. Polerel Darrin / Rebbeus.	<input type="checkbox"/> Adult Signature Required <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Certified Mail <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery (COD) <input type="checkbox"/> Insured Mail <input type="checkbox"/> Priority Mail	2715 Washington St. Chandler, AZ 85225												
2. Desert Viking - Ditchandler LLC		3002 E. Washington St. Phoenix, AZ 85034												
3. Saba Bro. Rentals LLC		3270 N. Colorado St. Chandler, AZ 85225												
4. LaVenne LLC		560 N. Benson Lane Chandler, AZ 85224												
5. 55 N. AEPi-LLC		3821 N 54th Ct Phoenix, AZ 85018												
6. The chandler business LLC		404 S. Wells St., Suite 400 Chicago, IL 60607												
7. Circle K stores Inc.		P.O. Box 52085 Phoenix, AZ 85072												
8. Desert Hospitality chandler LLC		P.O. Box 9189 Rapid City, SD 57709												

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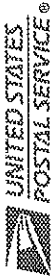
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APR 13 2023  
USPS

Postmaster, Per (Name of receiving employee)

*[Signature]*

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UNITED STATES  
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Name and Address of Sender

Check type of mail or service  
☐ Adult Signature Required  
☐ Adult Signature Restricted Delivery  
☐ Certified Mail  
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☐ Priority Mail  
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☐ Signature Confirmation Restricted Delivery

Affix Stamp  
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USPS Tracking/Article Number

Addressee (Name, Street, City, State, & ZIP Code™)

Postage

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1. Specht commercial  
properties

1728 W. LARK DRIVE  
CHANDLER, AZ 85286

2. New Square LLC

2577 Queen Creek Rd, Ste III  
Chandler, AZ 85248

3. Quest Corp.

1801 California St. 25th Floor  
Denver, CO 80202

4. DT Development LLC

1854 E. Main Ave W-101  
Queen Creek, AZ 85142

5. Jam management  
LLC

24021 S. 22nd St  
Chandler, AZ 85249

6. Nightwalk LLC

24416 S. Sunbrook Dr.  
Sun Lakes, AZ 85248

7. Lyrehe Investments  
LLC / Altan Dan

2707 Congress St. STE 1R  
San Diego, CA 92110

8. Exquisite Properties  
LLC

3105 W. Matthew Dr  
Phoenix, AZ 85027

Total Number of Pieces  
Listed by Sender

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Postmaster, Per (Name of receiving employee)

*[Signature]*

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APR 13, 2023

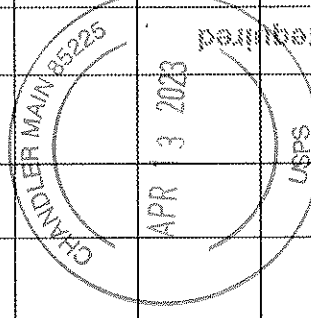
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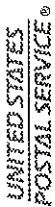
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Addressee (Name, Street, City, State, &amp; ZIP Code™)

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101 W. Boston  
Chandler, AZ 85224

<sup>2</sup>Boston st properties

11308 E. Chestnut Dr  
Grandeur, AZ 85249

## Ennabe Properties

11316 Valley Blvd  
El Monte, CA 91731

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Janes/Debrah sum

1212 S. 124<sup>th</sup> St.  
Grandview A7 85249

5 Fuller Randall

128 W. Boston St  
Chandler, AZ 85225

Shano Fam,  
Partnership UP

41 S. Arizona Ave  
Chandler AZ 85224

AP San Marcos PL LLC

802 Geruys St. Ste 200  
Columbia SC 29201

8. Downtown total  
116

153 S. Payne Stewart Dr  
Anson, MO 65616

Total Number of Pieces  
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PS Form 3877, January 2017 (Page 1 of 2)

FD-302 (Rev. 1-25-60)

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APR 13, 23

**AMOUNT**  
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85223



CHANDLER  
101 N COLORADO ST  
CHANDLER, AZ 85225-9998  
(800)275-8777

04/13/2023

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Product	Qty	Unit Price	Price
US Flags 8k't/20	3	\$12.60	\$37.80
CTOM - Firm - Domestic	8		\$4.32
CTOM - Firm - Domestic	8		\$4.32
CTOM - Firm - Domestic	8		\$4.32
CTOM - Firm - Domestic	8		\$4.32
CTOM - Firm - Domestic	8		\$4.32
CTOM - Firm - Domestic	5		\$2.70

Grand Total \$62.10

Credit Card Remit \$62.10

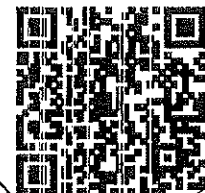
Card Name: VISA  
Account #: XXXXX(XXXXXXXXX)9278  
Approval #: 043339  
Transaction #: 943  
AID: A0000000980340 Chip  
AL: US DEBIT  
PIN: Not Required

In a hurry? Self-service kiosks offer quick and easy check-out. Any Retail Associate can show you how.

Preview your Mail  
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Sign up for FREE @  
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All sales final on stamps and postage.  
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or scan this code with your mobile device,



or call 1-800-410-7420.

UFN: 031480-0200  
Receipt #: 840-58520331-4-6606761-2  
Clerk: 9



**NOTICE OF HEARING ON ASSESSMENT**

**TO THE PROPERTY OWNERS AND ALL PERSONS CLAIMING AN INTEREST IN ANY PROPERTY WITHIN THE DOWNTOWN CHANDLER ENHANCED MUNICIPAL SERVICES DISTRICT IN THE CITY OF CHANDLER, ARIZONA.**

**NOTICE IS HEREBY GIVEN** of the time fixed for hearing and passing upon the annual assessments and proceedings heretofore had and taken for enhanced municipal services in the City of Chandler, Arizona (the "City") as described in Resolution of Intention No. 3905 (the "Resolution of Intention").

Pursuant to the provisions of Title 48, Chapter 4, Article 2, Arizona Revised Statutes, and specifically A.R.S. § 48-575, and all amendments thereto, PUBLIC NOTICE IS HEREBY GIVEN that the Mayor and Council of the City made a statement and estimate of all annual expenses for the Downtown Chandler Enhanced Municipal Services District (the "District") for the fiscal year commencing July 1, 2023, and ending June 30, 2024, and assessed the total cost thereof against the lots within the District. The work proposed to be done in the District is described in the Resolution of Intention on file with the Clerk of the City and in the Plans and Specifications therefore on file with the Clerk of the City, to which Resolution, Plans and Specifications reference is hereby made for a more particular description of the work.

**NOTICE IS FURTHER GIVEN** that the Mayor and Council have fixed the time and place of hearing and passing upon the said assessments and proceedings heretofore had and taken with respect thereto at:

<b>TIME:</b>	6:00 p.m.
<b>DATE:</b>	May 25, 2023
<b>LOCATION:</b>	Council Chambers City Hall 88 E. Chicago Street Chandler, Arizona 85225

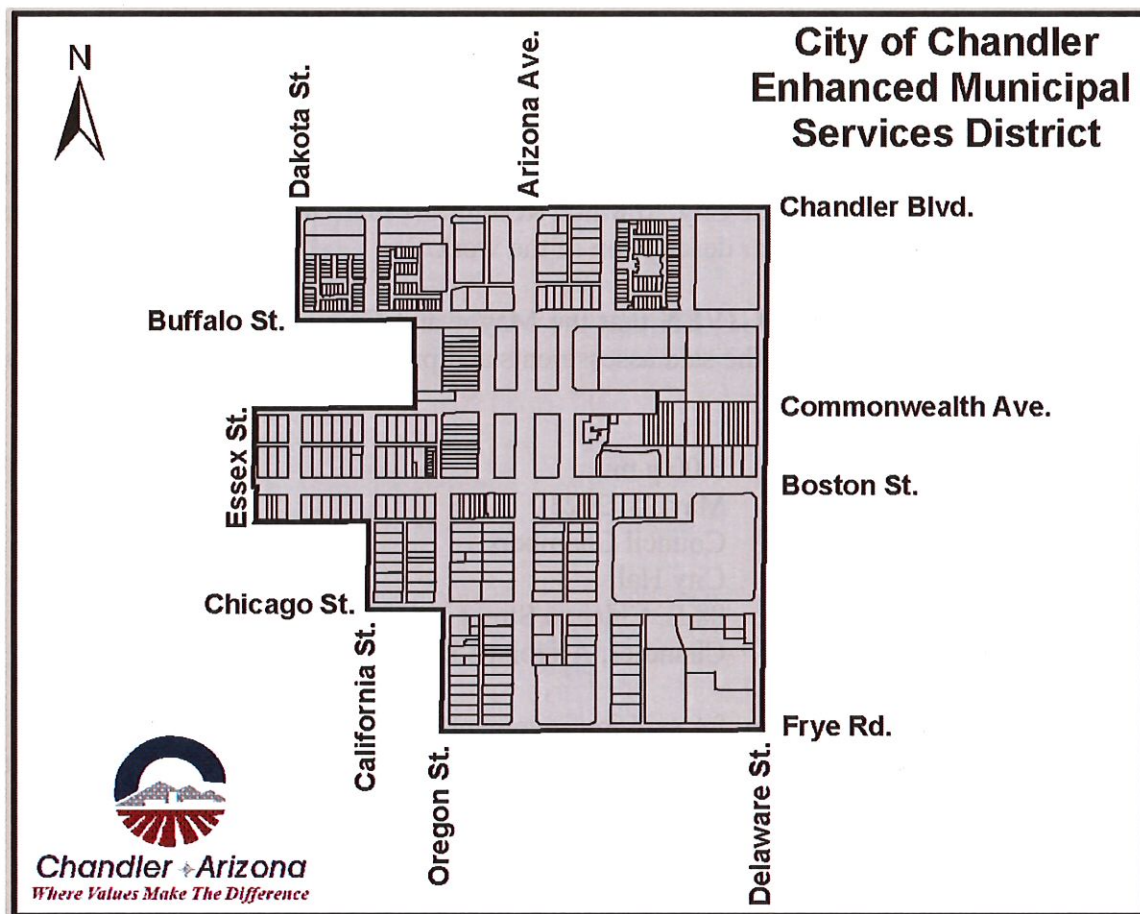
The property assessed to pay for said improvement comprises all lots included within the District in said City as described in the Resolution of Intention. The area subject to assessment is shown on the map below.

Any property owner and all other persons directly interested in the work or in the assessment having any objection to the legality of the assessment or to any of the previous proceedings connected therewith, may, at any time prior to the time fixed for said hearing, file with the City Clerk a written notice briefly specifying the grounds for such objection and at the time fixed for said hearing or at a time or times not later than ten (10) days thereafter, to which such hearing may be postponed, the Mayor and City Council will hear and pass upon all objections so made and filed.

All decisions and determinations of the Mayor and Council upon the hearing aforesaid will be final and conclusive upon all persons entitled to object as to all errors, informalities and irregularities which the Mayor and Council might have remedied or avoided at any time during the progress of the proceedings.

/s/ Dana DeLong

CITY CLERK





**City Council Memorandum      Management Services      Memo No. MS 23-056**

**Date:** May 22, 2023  
**To:** Mayor and Council  
Joshua H. Wright, City Manager  
**Thru:** Dawn Lang, Deputy City Manager - CFO  
Kristi Smith, Financial Services Assistant Director  
**From:** Christina Pryor, Procurement & Supply Senior Manager  
**Subject:** Contracts and Agreements Administratively Approved, Month of April 2023

---

**Background/Discussion**

On November 7, 2022, City Council adopted Ordinance No. 5030 amending the Code of the City of Chandler, Chapter 3, raising the threshold for Council approval of contracts and agreements for materials, services, equipment, and construction from \$50,000 to \$100,000. The threshold for Council approval contracts and agreements for professional services was raised from \$30,000 to \$100,000. The changes allow contracts and agreements valued less than \$100,000 to be approved administratively. As part of the changes, Council requested a monthly summary of contracts and agreements administratively approved under the newly adopted thresholds that would have required Council approval under the previous thresholds. The attached report summarizes the administratively approved contracts and agreements for materials, services, equipment, and construction valued between \$50,000 and \$99,999, and professional services valued between \$30,000 and \$99,999.

---

**Attachments**

Contracts and Agreements Administratively Approved

**Informational Procurement Council Item – April 2023 Administrative Approvals**

**Administrative Approval of Contracts and Agreements for Materials, Services, Equipment and Construction Valued Between \$50,000 and \$99,999 and Professional Services Valued Between \$30,000 and \$99,999**

Agreement No.: WW2210.451

Subject: Price Road Frontage Road Sewer Rehabilitation

Contractor: Entellus, Inc.

Value: \$41,501.72

Agreement No.: PR2106.203

Subject: Tumbleweed Park Diamond Field Complex CLOMR and LOMR

Contractor: Gavan & Barker, Inc.

Value: \$49,793.94

Agreement No.: PR2106.271

Subject: Tumbleweed Park Diamond Field Complex

Contractor: Gavan & Barker, Inc.

Value: \$99,951.00

Agreement No.: ST2110.451

Subject: Chandler Video Detection Cameras

Contractor: Dibble CM, LLC

Value: \$99,225.00

Agreement No.: TP2203.201

Subject: Ashley Trail and Paseo Trail Connection

Contractor: Y2K Engineering, LLC

Value: \$91,201.39

Agreement No.: ST2006.452

Subject: Traffic Signal at Warner Road and Nevada Street

Contractor: Ardurra Group, Inc.

Value: \$42,625.00

Agreement No.: WA1903.271

Subject: Arrowhead Water Production Facility Rehabilitation

Contractor: Wilson Engineers, LLC

Value: \$38,140.00

Agreement No.: CS9-966-4008  
Subject: Printing of Breaktime Magazine  
Contractor: Century Graphics, Inc.  
Value: \$45,000

**Contracts or Agreements with Significant (+50%) Price Changes Valued Between \$50,000 and \$99,999**

Agreement No.:  
Subject:  
Contractor:  
Value:  
Notes: