



CITY OF CHANDLER JOB ORDER PROJECT AGREEMENT

Project Name: **SEWER MANHOLE REHABILITATION**

Project No. **WW2014.402**

This JOB ORDER PROJECT AGREEMENT ("Job Order") is made this _____ day of _____ 2021 ("Effective Date"), by and between the City of Chandler, an Arizona municipal corporation, ("City") and **FPS Civil, LLC**, an Arizona limited liability company, ("JOC Contractor") and is entered into pursuant to Job Order Master Agreement No. JOC1902.401 ("JOC Master Agreement"). City and JOC Contractor may be referred to individually as "Party" or collectively as "Parties").

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

RECITALS

A. On or about January 14, 2020, the Parties entered into the JOC Master Agreement, which terms and conditions are made a part of and incorporated into this Job Order Project Agreement by this reference.

B. City proposes to engage JOC Contractor to rehabilitate and repair existing sanitary manholes as more fully described in **Exhibit "A"**, which is attached to and made a part of this Job Order by this reference.

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

ARTICLE 1. DESCRIPTION OF WORK

The Parties enter into this Job Order Project Agreement for the **SEWER MANHOLE REHABILITATION**, Project Number **WW2014.402**. The scope of work consists of rehabilitating and repairing existing sanitary sewer manholes, all as more particularly set forth in **Exhibit "A"** attached hereto and incorporated herein by reference.

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

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

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

ARTICLE 2. PROJECT PRICE

City will pay JOC Contractor for completion of the Work in accordance with the JOC Master Agreement a fee not to exceed the Guaranteed Maximum Price of **\$1,046,278.53** Dollars determined and payable as set forth in JOC Master Agreement and **Exhibit "B"** attached hereto and made a part hereof by reference.

ARTICLE 3. CONTRACT TIME & SCHEDULE

JOC Contractor agrees to complete all Construction within **180** calendar days from the Notice to Proceed (NTP) Date.

ARTICLE 4. PARTICIPANTS

CITY:	Project Manager: Paul Ahlas	
	Phone:	480-782-3328
	Email:	Paul.ahlas@chandleraz.gov
JOC CONTRACTOR:	FPS Civil, LLC	
	22849 N. 19th Avenue Ste 120	
	Phoenix, AZ 85027	
	JOC Contractor Representative: Warren France	
	Phone:	602-721-3628
	Email:	Wfrance@fpscivil.com

SIGNATURE PAGE TO FOLLOW

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

"CITY"

CITY OF CHANDLER:

MAYOR Date

Recommended By:



Andrew Goh, P.E.
CIP City Engineer

APPROVED AS TO FORM:

City Attorney

By:



ATTEST:

City Clerk

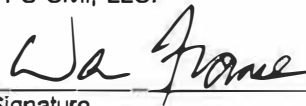
SEAL

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

"JOC CONTRACTOR"

FPS Civil, LLC:

Signature Date



Warren France
Print Name

President
Title

ATTEST: If Corporation

Secretary

ADDRESS FOR NOTICE

FPS Civil, LLC

22849 N. 19th Ave. Suite 120

Phoenix, AZ 85027

EXHIBIT A
SCOPE OF WORK



EXHIBIT A: SCOPE OF WORK

FPS Civil LLC proposes to rehabilitate the manholes identified in Exhibit B per the City's assessment and scope of work narrative below:

1. Rehabilitate existing manholes by installing composite inserts:
 - a. Call in Blue Stake. Set plugs, clean out deteriorated concrete and sand blast, remove plugs
 - b. Rebuild concrete bench
 - c. Set debris shields. Cut/mill asphalt. Remove asphalt and excavate
 - d. Install composite insert, grout and slurry back fill
 - e. Wash and coat invert and bench.
 - f. Install ring, cover and concrete collar
 - g. Pave patch
 - h. Set plugs. Spark test and patch. Let patches cure. Remove plugs
 - i. Demobilize equipment and remove traffic controls
2. Rehabilitated existing manhole benches:
 - a. Set plugs, clean out deteriorated concrete and sand blast
 - b. Rebuild concrete bench
 - c. Wash and coat invert and bench.
 - d. Install ring, cover and concrete collar
 - e. Pave patch
 - f. Set plugs. Spark test and patch. Let patches cure. Remove plugs
 - g. Demobilize equipment and remove traffic controls
3. Pavement replacement shall be 5" AC on 12" ABC or match existing
4. All products shall be per the City's approved product list
5. Traffic control will be per the City's barricade manual
6. Debris shields and flow-through plugs will be used at each manhole.
7. Proposal Exclusions:
 - a. It is not anticipated that by-pass pumping will be required and is excluded in this proposal
 - b. Removing, replacing and/or relocating burred utilities in conflict with the work
 - c. Handling/disposal of hazardous materials
 - d. Hard Dig
 - e. Temporary easement costs
 - f. City permit and plan review fees, City inspection and testing costs, impact fees, utility fees

Construction Duration: FPS Civil proposes to complete the work described above in 150 calendar days from NTP to substantial completion and 180 calendar days from NTP to final completion. With an anticipated NTP of April 19th substantial completion would be September 16th and final completion October 16th.

**EXHIBIT B
FEE SCHEDULE**



Exhibit 'B'

JOB ORDER COST PROPOSAL SUMMARY SHEET

Negotiated Prices

Price of Subcontractor(s)	\$	695,987.00
Price of Subconsultant(s)	\$	-
General Conditions	\$	119,154.52
Preconstruction Labor (if applicable)	\$	-
Construction Labor, Equipment, Materials (if applicable)	\$	48,919.36
SUBTOTAL (NEGOTIATED PRICES):		\$ 864,060.88

Overhead and Profit (Coefficient per Job Order Master Agreement)	8.00%	\$ 69,124.87
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TOTAL (NEGOTIATED + OVERHEAD & PROFIT): \$ 933,185.75

Insurance, Bonds, & Taxes

Sales Tax	5.07%	\$ 47,312.52
General Liability Insurance	0.74%	\$ 6,905.57
Builder's Risk Insurance	0.10%	\$ 933.19
Payment & Performance Bond	0.87%	\$ 8,118.72
		\$ -

SUBTOTAL (INSURANCE, BONDS, & TAXES): \$ 63,269.99

COMBINED TOTAL (TOTAL + INSURANCE, BONDS, & TAXES): \$ 996,455.74

City's Allowance	5.00%	\$ 49,822.79
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TOTAL JOB ORDER: \$ 1,046,278.53

Per the Job Order Master Agreement - This Fee Table includes all fees, costs, insurance and bond premiums, allowances, construction contingency, and taxes of any type necessary to fully, properly and timely perform and construct the Work. Also per the Job Order Master Agreement - For any portion of the Work which, either through this Contract, Change Order or otherwise, is performed and paid for on a cost, or time and materials basis, the costs may be reimbursed to JOC Contractor and chargeable against the Contract Price will be determined as set forth in MAG 109.5.

CBS Outline Report

FPS CIVIL LLC

Job Code: 4238-3 - Chandler JOC MH Repairs Rev3

Description:

From Cost Item: .

To Cost Item: .

Code Description	Forecast (T/O) Quantity	Unit of Measure	Unit Cost	Total Cost (Forecast)
1 Traffic Control Setup #1 (MH 8841, 6864)				
1.1 Traffic Control - (Trafficade Plan #7)	12.00	Day	988.60	11,863.19
1.2 Mobilization	1.00	LS	259.96	259.96
1.2.1 Pick-Up/Transport - Owner Supplied Materials (Frame/Cover)	1.00	Each	56.30	56.30
1.2.2 Mobilization - Regular Haul (420, Skid-Steer)	0.00	Each	0.00	0.00
1.2.3 Mobilization - Runners	1.00	Each	203.66	203.66
1.3 MH 8841 (Bench)	1.00	Each	6,855.37	6,855.37
1.4 MH 6864 (Insert)	1.00	Each	29,682.73	29,682.73
Total: Traffic Control Setup #1 (MH 8841, 6864)				48,661.24
2 Traffic Control Setup #2 (MH 3149)				
2.1 Traffic Control - (Trafficade Plan #9)	10.00	Day	856.95	8,569.52
2.2 Mobilization	1.00	LS	259.96	259.96
2.2.1 Pick-Up/Transport - Owner Supplied Materials (Frame/Cover)	1.00	Each	56.30	56.30
2.2.2 Mobilization - Regular Haul (420, Skid-Steer)	0.00	Each	0.00	0.00
2.2.3 Mobilization - Runners	1.00	Each	203.66	203.66
2.3 MH 3149 (Insert)	1.00	Each	31,589.12	31,589.12
Total: Traffic Control Setup #2 (MH 3149)				40,418.61
3 Traffic Control Setup #3 (MH 0812, 4715)				
3.1 Traffic Control - (Trafficade Plan #11)	8.00	Day	656.33	5,250.64
3.2 Mobilization	1.00	LS	259.96	259.96
3.2.1 Pick-Up/Transport - Owner Supplied Materials (Frame/Cover)	1.00	Each	56.30	56.30
3.2.2 Mobilization - Regular Haul (420, Skid-Steer)	0.00	Each	0.00	0.00
3.2.3 Mobilization - Runners	1.00	Each	203.66	203.66
3.3 MH 0812 (Bench)	1.00	Each	6,855.37	6,855.37
3.4 MH 4715 (Bench)	1.00	Each	6,855.37	6,855.37
Total: Traffic Control Setup #3 (MH 0812, 4715)				19,221.33
4 Traffic Control Setup #4 (MH 4737)				
4.1 Traffic Control - (Trafficade Plan #10)	10.00	Day	1,285.92	12,859.19
4.2 Mobilization	1.00	LS	259.96	259.96
4.2.1 Pick-Up/Transport - Owner Supplied Materials (Frame/Cover)	1.00	Each	56.30	56.30
4.2.2 Mobilization - Regular Haul (420, Skid-Steer)	0.00	Each	0.00	0.00
4.2.3 Mobilization - Runners	1.00	Each	203.66	203.66
4.3 MH 4737 (Insert)	1.00	Each	31,835.11	31,835.11
Total: Traffic Control Setup #4 (MH 4737)				44,954.26
5 Traffic Control Setup #5 (MH 2445, 2446)				
5.1 Traffic Control - (Trafficade Plan #22)	14.00	Day	650.21	9,102.93
5.2 Mobilization	1.00	LS	259.96	259.96
5.2.1 Pick-Up/Transport - Owner Supplied Materials (Frame/Cover)	1.00	Each	56.30	56.30
5.2.2 Mobilization - Regular Haul (420, Skid-Steer)	0.00	Each	0.00	0.00
5.2.3 Mobilization - Runners	1.00	Each	203.66	203.66
5.3 MH 2445 (Insert)	1.00	LS	29,313.75	29,313.75

Code Description	Forecast (T/O) Quantity	Unit of Measure	Unit Cost	Total Cost (Forecast)
5.4 MH 2446 (Insert)	1.00	LS	27,653.34	27,653.34
Total: Traffic Control Setup #5 (MH 2445, 2446)				66,329.97
6 Traffic Control Setup #6 (MH 2447, 0485)				
6.1 Traffic Control - (Trafficade Plan #24)	12.00	Day	653.39	7,840.68
6.2 Mobilization	1.00	LS	259.96	259.96
6.2.1 Pick-Up/Transport - Owner Supplied Materials (Frame/Cover)	1.00	Each	56.30	56.30
6.2.2 Mobilization - Regular Haul (420, Skid-Steer)	0.00	Each	0.00	0.00
6.2.3 Mobilization - Runners	1.00	Each	203.66	203.66
6.3 MH 2447 (Insert)	1.00	LS	27,222.86	27,222.86
6.4 MH 0485 (Bench)	1.00	LS	6,855.37	6,855.37
Total: Traffic Control Setup #6 (MH 2447, 0485)				42,178.87
7 Traffic Control Setup #7 (MH 2468, 6603, 8547)				
7.1 Traffic Control - (Trafficade Plan #27)	18.00	Day	645.97	11,627.43
7.2 Mobilization	1.00	LS	259.96	259.96
7.2.1 Pick-Up/Transport - Owner Supplied Materials (Frame/Cover)	1.00	Each	56.30	56.30
7.2.2 Mobilization - Regular Haul (420, Skid-Steer)	0.00	Each	0.00	0.00
7.2.3 Mobilization - Runners	1.00	Each	203.66	203.66
7.3 MH 2468 (Insert)	1.00	Each	27,345.85	27,345.85
7.4 MH 6603 (Insert)	1.00	Each	27,284.36	27,284.36
7.5 MH 8547 (Insert)	1.00	Each	26,669.39	26,669.39
Total: Traffic Control Setup #7 (MH 2468, 6603, 8547)				93,186.99
8 Traffic Control Setup #8 (MH 8228, 1641)				
8.1 Traffic Control - (Trafficade Plan #12)	12.00	Day	851.24	10,214.87
8.2 Mobilization	1.00	LS	259.96	259.96
8.2.1 Pick-Up/Transport - Owner Supplied Materials (Frame/Cover)	1.00	Each	56.30	56.30
8.2.2 Mobilization - Regular Haul (420, Skid-Steer)	0.00	Each	0.00	0.00
8.2.3 Mobilization - Runners	1.00	Each	203.66	203.66
8.3 MH 8228 (Insert)	1.00	Each	26,238.91	26,238.91
8.4 MH 1641 (Bench)	1.00	Each	6,855.37	6,855.37
Total: Traffic Control Setup #8 (MH 8228, 1641)				43,569.11
9 Traffic Control Setup #9 (MH 7735, 7734, 5832, 9716)				
9.1 Traffic Control - (Trafficade Plan #1)	14.00	Day	1,155.97	16,183.60
9.2 Mobilization	1.00	LS	259.96	259.96
9.2.1 Pick-Up/Transport - Owner Supplied Materials (Frame/Cover)	1.00	Each	56.30	56.30
9.2.2 Mobilization - Regular Haul (420, Skid-Steer)	0.00	Each	0.00	0.00
9.2.3 Mobilization - Runners	1.00	Each	203.66	203.66
9.3 MH 7735 (Bench)	1.00	Each	6,855.37	6,855.37
9.4 MH 7734 (Bench)	1.00	Each	6,855.37	6,855.37
9.5 MH 5832 (Bench)	1.00	Each	6,855.37	6,855.37
9.6 MH 9716 (Bench)	1.00	Each	6,855.37	6,855.37
Total: Traffic Control Setup #9 (MH 7735, 7734, 5832, 9716)				43,865.03
10 Traffic Control Setup #10 (MH 5655)				
10.1 Traffic Control - (Trafficade Plan #17)	6.00	Day	1,223.41	7,340.48
10.2 Mobilization	1.00	LS	259.96	259.96
10.2.1 Pick-Up/Transport - Owner Supplied Materials (Frame/Cover)	1.00	Each	56.30	56.30
10.2.2 Mobilization - Regular Haul (420, Skid-Steer)	0.00	Each	0.00	0.00

Code Description	Forecast (T/O) Quantity	Unit of Measure	Unit Cost	Total Cost (Forecast)
10.2.3 Mobilization - Runners	1.00	Each	203.66	203.66
10.3 MH 5655 (Bench)	1.00	Each	6,855.37	6,855.37
Total: Traffic Control Setup #10 (MH 5655)				14,455.81
11 Traffic Control Setup #11 (MH 7733, 1637, 5824, 5819, 1635)				
11.1 Traffic Control - (Trafficade Plan # 19)	14.00	Day	985.06	13,790.82
11.2 Mobilization	1.00	LS	259.96	259.96
11.2.1 Pick-Up/Transport - Owner Supplied Materials (Frame/Cover)	1.00	Each	56.30	56.30
11.2.2 Mobilization - Regular Haul (420, Skid-Steer)	0.00	Each	0.00	0.00
11.2.3 Mobilization - Runners	1.00	Each	203.66	203.66
11.3 MH 7733 (Bench)	1.00	LS	6,855.37	6,855.37
11.4 MH 1637 (Bench)	1.00	LS	6,855.37	6,855.37
11.5 MH 5824 (Bench)	1.00	LS	6,855.37	6,855.37
11.6 MH 5819 (Bench)	1.00	LS	6,855.37	6,855.37
11.7 MH 1635 (Bench)	1.00	LS	6,855.37	6,855.37
Total: Traffic Control Setup #11 (MH 7733, 1637, 5824, 5819, 1635)				48,327.61
12 Traffic Control Setup #12 (MH 1636, 8272)				
12.1 Traffic Control - (Trafficade Plan #20)	12.00	Day	2,126.55	25,518.56
12.2 Mobilization	1.00	LS	259.96	259.96
12.2.1 Pick-Up/Transport - Owner Supplied Materials (Frame/Cover)	1.00	Each	56.30	56.30
12.2.2 Mobilization - Regular Haul (420, Skid-Steer)	0.00	Each	0.00	0.00
12.2.3 Mobilization - Runners	1.00	Each	203.66	203.66
12.3 MH 1636 (Bench)	1.00	Each	6,855.37	6,855.37
12.4 MH 8272 (Insert)	1.00	Each	26,361.91	26,361.91
Total: Traffic Control Setup #12 (MH 1636, 8272)				58,995.79
13 Traffic Control Setup #13 (MH 1594, 0203, 2180, 0204)				
13.1 Traffic Control - (Trafficade Plan #1)	16.00	Day	1,079.75	17,276.04
13.2 Mobilization	1.00	LS	259.96	259.96
13.2.1 Pick-Up/Transport - Owner Supplied Materials (Frame/Cover)	1.00	Each	56.30	56.30
13.2.2 Mobilization - Regular Haul (420, Skid-Steer)	0.00	Each	0.00	0.00
13.2.3 Mobilization - Runners	1.00	Each	203.66	203.66
13.3 MH 1594 (Insert)	1.00	Each	25,992.93	25,992.93
13.4 MH 0203 (Bench)	1.00	Each	6,855.37	6,855.37
13.5 MH 2180 (Bench)	1.00	Each	6,855.37	6,855.37
13.6 MH 0204 (Bench)	1.00	Each	6,855.37	6,855.37
Total: Traffic Control Setup #13 (MH 1594, 0203, 2180, 0204)				64,095.03
14 Traffic Control Setup #14 (MH 1596, 0206)				
14.1 Traffic Control - (Trafficade Plan #2)	8.00	Day	730.68	5,845.45
14.2 Mobilization	1.00	LS	259.96	259.96
14.2.1 Pick-Up/Transport - Owner Supplied Materials (Frame/Cover)	1.00	Each	56.30	56.30
14.2.2 Mobilization - Regular Haul (420, Skid-Steer)	0.00	Each	0.00	0.00
14.2.3 Mobilization - Runners	1.00	Each	203.66	203.66
14.3 MH 1596 (Bench)	1.00	Each	6,855.37	6,855.37
14.4 MH 0206 (Bench)	1.00	Each	6,855.37	6,855.37
Total: Traffic Control Setup #14 (MH 1596, 0206)				19,816.14
15 Traffic Control Setup #15 (MH 2301)				

Code Description	Forecast (T/O) Quantity	Unit of Measure	Unit Cost	Total Cost (Forecast)
15.1 Traffic Control - (Trafficade Plan #3)	6.00	Day	1,223.41	7,340.48
15.2 Mobilization	1.00	LS	259.96	259.96
15.2.1 Pick-Up/Transport - Owner Supplied Materials (Frame/Cover)	1.00	Each	56.30	56.30
15.2.2 Mobilization - Regular Haul (420, Skid-Steer)	0.00	Each	0.00	0.00
15.2.3 Mobilization - Runners	1.00	Each	203.66	203.66
15.3 MH 2301 (Bench)	1.00	Each	6,855.37	6,855.37
Total: Traffic Control Setup #15 (MH 2301)				14,455.81
16 Traffic Control Setup #16 (MH 1638, 0296)				
16.1 Traffic Control - (Trafficade Plan #4)	12.00	Day	722.70	8,672.40
16.2 Mobilization	1.00	LS	259.96	259.96
16.2.1 Pick-Up/Transport - Owner Supplied Materials (Frame/Cover)	1.00	Each	56.30	56.30
16.2.2 Mobilization - Regular Haul (420, Skid-Steer)	0.00	Each	0.00	0.00
16.2.3 Mobilization - Runners	1.00	Each	203.66	203.66
16.3 MH 1638 (Bench)	1.00	Each	6,855.37	6,855.37
16.4 MH 0296 (Insert)	1.00	Each	25,193.47	25,193.47
Total: Traffic Control Setup #16 (MH 1638, 0296)				40,981.20
17 Traffic Control Setup #17 (MH 0990)				
17.1 Traffic Control - (Trafficade Plan #5)	6.00	Day	667.29	4,003.72
17.2 Mobilization	1.00	LS	259.96	259.96
17.2.1 Pick-Up/Transport - Owner Supplied Materials (Frame/Cover)	1.00	Each	56.30	56.30
17.2.2 Mobilization - Regular Haul (420, Skid-Steer)	0.00	Each	0.00	0.00
17.2.3 Mobilization - Runners	1.00	Each	203.66	203.66
17.3 MH 0990 (Bench)	1.00	Each	6,855.37	6,855.37
Total: Traffic Control Setup #17 (MH 0990)				11,119.05
18 Install Composite Adjustment Rings, Frames, and Covers. Install Conc. Collars	21.00	Each	1,441.64	30,274.51
Total: Install Composite Adjustment Rings, Frames, and Covers. Install Conc. Collars				30,274.51
19 General Conditions				
19.1 Job Managment	18.00	Week	5,996.64	107,939.52
19.2 General Expense	1.00	LS	11,215.00	11,215.00
Total: General Conditions				119,154.52
Grand Total:				864,060.88

Compare and Award
FPS CIVIL LLC

Job Code: 4238-3 - Chandler JOC MH Repairs Rev3
Description:

Cost Items
(1 of 1)

Quote Description: Plug											
Awarded Total: 0.00											
Quoted Items Total: 30,030.00											
Special Conditions: 0.00											
Quoted Total: 30,030.00											
Last Update: 5/5/2021 2:14:04 PM											
Comparable Total: 555,945.83											
Seller: JFC											
Buyer's Special Terms & Conditions:											
Seller's Special Terms & Conditions:											
Quote Group	Code	Description	Quantity	Unit	Unit	Total	Unit	Total	Unit	Total	Total
1.3	NH 8841 (Branch)	1.00 Each	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83
1.4	NH 8804 (Insert)	1.00 Each	31,084.07	31,084.07	31,084.07	31,084.07	31,084.07	31,084.07	31,084.07	31,084.07	31,084.07
2.3	NH 3149 (Insert)	1.00 Each	32,161.07	32,161.07	32,161.07	32,161.07	32,161.07	32,161.07	32,161.07	32,161.07	32,161.07
3.3	NH 0812 (Branch)	1.00 Each	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83
3.4	NH 4715 (Branch)	1.00 Each	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83
4.3	NH 4737 (Insert)	1.00 Each	32,161.07	32,161.07	32,161.07	32,161.07	32,161.07	32,161.07	32,161.07	32,161.07	32,161.07
5.3	NH 2445 (Insert)	1.00 LS	30,164.07	30,164.07	30,164.07	30,164.07	30,164.07	30,164.07	30,164.07	30,164.07	30,164.07
5.4	NH 2446 (Insert)	1.00 LS	29,087.07	29,087.07	29,087.07	29,087.07	29,087.07	29,087.07	29,087.07	29,087.07	29,087.07
6.3	NH 2447 (Insert)	1.00 LS	28,456.88	28,456.88	28,456.88	28,456.88	28,456.88	28,456.88	28,456.88	28,456.88	28,456.88
6.4	NH 0485 (Branch)	1.00 LS	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83
7.3	NH 2458 (Insert)	1.00 Each	29,151.84	29,151.84	29,151.84	29,151.84	29,151.84	29,151.84	29,151.84	29,151.84	29,151.84
7.4	NH 8803 (Insert)	1.00 Each	29,087.07	29,087.07	29,087.07	29,087.07	29,087.07	29,087.07	29,087.07	29,087.07	29,087.07
7.5	NH 8547 (Insert)	1.00 Each	28,167.07	28,167.07	28,167.07	28,167.07	28,167.07	28,167.07	28,167.07	28,167.07	28,167.07
8.3	NH 8228 (Insert)	1.00 Each	27,756.07	27,756.07	27,756.07	27,756.07	27,756.07	27,756.07	27,756.07	27,756.07	27,756.07
8.4	NH 1641 (Branch)	1.00 Each	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83
9.3	NH 7735 (Branch)	1.00 Each	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83
9.4	NH 7734 (Branch)	1.00 Each	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83
9.5	NH 5832 (Branch)	1.00 Each	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83
9.6	NH 9716 (Branch)	1.00 Each	7,020.83	7,020.83	7,020.83	7,020.83	7,020.83	7,020.83	7,020.83	7,020.83	7,020.83
10.3	NH 5855 (Branch)	1.00 Each	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83
11.3	NH 7733 (Branch)	1.00 LS	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83
11.4	NH 1637 (Branch)	1.00 LS	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83
11.5	NH 5824 (Branch)	1.00 LS	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83
11.6	NH 5819 (Branch)	1.00 LS	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83
11.7	NH 1635 (Branch)	1.00 LS	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83
12.3	NH 1636 (Branch)	1.00 Each	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83
12.4	NH 8272 (Insert)	1.00 Each	27,756.07	27,756.07	27,756.07	27,756.07	27,756.07	27,756.07	27,756.07	27,756.07	27,756.07
13.3	NH 1594 (Insert)	1.00 Each	27,756.07	27,756.07	27,756.07	27,756.07	27,756.07	27,756.07	27,756.07	27,756.07	27,756.07
13.4	NH 0203 (Branch)	1.00 Each	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83
13.5	NH 2180 (Branch)	1.00 Each	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83	6,920.83

13.6	MH 0204 (Bench)	1.00 Each	6,920.83	6,920.83	6,920.83	6,920.83		6,855.37	6,855.37
14.3	MH 1586 (Bench)	1.00 Each	7,310.63	7,310.63	7,310.63	7,310.63		6,855.37	6,855.37
14.4	MH 0206 (Bench)	1.00 Each	7,310.63	7,310.63	7,310.63	7,310.63		6,855.37	6,855.37
15.3	MH 2301 (Bench)	1.00 Each	7,310.63	7,310.63	7,310.63	7,310.63		6,855.37	6,855.37
16.3	MH 1638 (Bench)	1.00 Each	6,920.83	6,920.83	6,920.83	6,920.83		6,855.37	6,855.37
16.4	MH 0206 (Insert)	1.00 Each	26,509.93	26,509.93	26,509.93	26,509.93		25,193.47	25,193.47
17.3	MH 0990 (Bench)	1.00 Each	26,170.07	26,170.07	26,170.07	26,170.07		6,855.37	6,855.37
18	Install Composite Adjustment Rings, Frames, and Covers, Install Conc. Collars	21.00 Each	1,430.00	30,030.00	1,430.00	30,030.00		1,441.64	30,274.51

Exhibit B3

Cost Breakdown Structure Details

FPS CIVIL LLC

Job Code: 4238-3 - Chandler JOC MH Repairs Rev3

Description:

CBS Position Code	CI Description	Cost Source	Cost Item		Unit Cost	Total Cost	Unit and Total Costs by Category				
			Forecast (T/O) Quantity UM				Labor	Equipment	Rented Equipment	Materials	Fees
Pay Item: 0019 (General Conditions)											
19	General Conditions	Detail	1.00 LS		119,154.52	119,154.52	87,471.36	18,848.16	4,250.00	1,945.00	6,640.00
							87,471.36	18,848.16	4,250.00	1,945.00	6,640.00

Pay Item Assignment: 0019 (General Conditions)

Production:

Duration	Days	Hours	Cost / Duration	Cost/Day	Cost/Hour
UM / Duration	UM/Day	UM/Hour	Duration / UM	Days/UM	Hours/UM
	0.01	0.00		72.00	165.49
				72.00	720.00

19.1	Job Management	Detail	18.00 Week		5,996.64	107,939.62	4,859.52	1,947.12	0.00	90.00	0.00
							87,471.36	18,848.16	0.00	1,620.00	0.00

Pay Item Assignment: 0019 (General Conditions)

Production:

Duration	Days	Hours	Cost / Duration	Cost/Day	Cost/Hour
UM / Duration	UM/Day	UM/Hour	Duration / UM	Days/UM	Hours/UM
	0.25	0.03		72.00	149.92
				4.00	40.00

Resource Code	Description	Quantity	Pay Hours UM	Unit Cost	Total Cost	Unit and Total Costs by Category					
PM116	Project Manager	0.25	180.00 Each	99.52	17,913.60	99.02	0.00	0.00	0.00	1.50	0.00
						17,643.60	0.00	0.00	0.00	270.00	0.00
PE	Project Engineer	0.25	180.00 Each	51.06	9,194.40	49.58	0.00	0.00	0.00	1.50	0.00
						8,924.40	0.00	0.00	0.00	270.00	0.00
FE116	Field Engineer	0.00	0.00 Each	52.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						0.00	0.00	0.00	0.00	0.00	0.00
SUPER	Superintendent	1.00	720.00 Each	78.11	56,239.20	76.61	0.00	0.00	0.00	1.50	0.00
						55,159.20	0.00	0.00	0.00	1,080.00	0.00
SM116	Safety Manager	0.10	72.00 Each	79.78	5,744.16	79.78	0.00	0.00	0.00	0.00	0.00
						5,744.16	0.00	0.00	0.00	0.00	0.00
P3500	Pickup 3500 (1 ton 4x4)	1.00	720.00 Each	16.66	12,139.20	0.00	16.66	0.00	0.00	0.00	0.00
						0.00	12,139.20	0.00	0.00	0.00	0.00
PV	Passenger Vehicle	0.00	432.00 Each	15.53	6,708.96	0.00	15.53	0.00	0.00	0.00	0.00
						0.00	6,708.96	0.00	0.00	0.00	0.00

19.2	General Expense	Detail	1.00 LS		11,215.00	11,215.00	0.00	0.00	4,250.00	325.00	6,640.00
							0.00	0.00	4,250.00	325.00	6,640.00

Pay Item Assignment: 0019 (General Conditions)

Production:

2/11/2021 2:38 PM

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1 of 3

CBS Position Code	CI Description	Cost Source	Cost Item		Unit Cost	Total Cost	Unit and Total Costs by Category					Fee
			Forecast (T/O)	Quantity UM			Labor	Equipment	Rented Equipment	Materials		
			Hours									
			UM/Day									
UM / Duration	UM/Day	UM/Hour	Duration / UM	Days/UM	Hours/UM							
	0.00	0.00		0.00	0.00							
	0.00	0.00		0.00	0.00							

CBS Position Code	CI Description	Cost Item		Unit Cost	Total Cost	Unit and Total Costs by Category				
		Cost Source	Forecast (T/O) Quantity U/M			Labor	Equipment	Rented Equipment	Materials	Fees
	Contractor Sign		5.00 Each	50.00	250.00	0.00	0.00	0.00	50.00	0.00
						0.00	0.00	0.00	250.00	0.00
	Lot rental (3 months)		1.00 LS	3,000.00	3,000.00	0.00	0.00	0.00	0.00	3,000.00
						0.00	0.00	0.00	0.00	3,000.00
Grand Total					119,154.52	87,471.36	16,848.16	4,250.00	1,945.00	6,640.00



J. P. C. I. SERVICES

Joseph Painting Company, Inc.

4702 E. Virginia Street • Mesa, Arizona 85215-9101

(480) 986-1212 • Fax (480) 380-4461

License No. ROC197873 KE AZ • ROC199485 KE AZ • ROC242450 KE AZ • ROC218119 A AZ

ROC107144 CR34 AZ • CA Lic 280286 C-33 & A • NV Lic N0. 0058702-A15, No.0058579-C-4

PROPOSAL

TO: Andrew Durda - FSP Civil, LLC
22849 N 19th Ave, Suite 120, Phoenix, AZ 85027

PHONE: 602-708-7377

FAX:

DATE February 1, 2021

CELL: 602-359-1658

RE: City of Chandler Sewer Manhole JOC WW2014.402

We propose to complete the work listed below of 34 existing manholes as specified below;

Benches Rehabilitation

- 1 - Sandblast interior of manholes to open voids and remove deteriorated concrete.
- 2 - Fill extensive voids in concrete using C-120 acid proof cement when needed .
- 3 - Apply Sewer Shield 150 to benches of manholes at 1/8" thickness.
- 4 - Spark test Sewer Shield at 15,500 volts to check for pinholes, if found repair and retest.

Install Manhole Insert

- 5 - Install 54" Dia. Sewer Shield Composite manholes insert,

Install Rings, Frames & Covers (provided by Chandler) install Concrete collar

- 6 - Set Ring & Covers, repair surface patch after installing composite
- 7 - Repair surface / patch asphalt after installing composite
- 8 - Pour concrete collar

ITEM # A				Prepare and install composites in 13 existing manholes, 21 Bench Rehabs			
Quarter Section	MH #	Size	Cost / MH #	Quarter Section	MH #	Size	Cost / MH #
Composite Install	6864	5 Dia X 25.3	\$29,443.00	Bench, Ring & Cover	7733	5 Dia	\$8,230.00
Composite Install	3149	5 Dia X 28.4	\$31,334.00	Bench, Ring & Cover	1637	5 Dia	\$8,230.00
Composite Install	4737	5 Dia X 28.8	\$31,578.00	Bench, Ring & Cover	5824	5 Dia	\$8,230.00
Composite Install	2445	5 Dia X 24.7	\$29,077.00	Bench, Ring & Cover	5819	5 Dia	\$8,230.00
Composite Install	2446	5 Dia X 22.0	\$27,430.00	Bench, Ring & Cover	1636 a	5 Dia	\$8,230.00
Composite Install	2447	5 Dia X 21.3	\$27,003.00	Bench, Ring & Cover	1636b	5 Dia	\$8,230.00
Composite Install	2468	5 Dia X 21.5	\$27,125.00	Bench, Ring & Cover	203	5 Dia	\$8,230.00
Composite Install	6603	5 Dia X 21.4	\$27,064.00	Bench, Ring & Cover	2180	5 Dia	\$8,230.00
Composite Install	8547	5 Dia X 20.4	\$26,454.00	Bench, Ring & Cover	204	5 Dia	\$8,230.00
Bench, Ring & Cover	8841	5 Dia	\$8,230.00	Bench, Ring & Cover	1596	5 Dia	\$8,230.00
Bench, Ring & Cover	812	5 Dia	\$8,230.00	Bench, Ring & Cover	206	5 Dia	\$8,230.00
Bench, Ring & Cover	485	5 Dia	\$8,230.00	Bench, Ring & Cover	2301	5 Dia	\$8,230.00
Bench, Ring & Cover	1641	5 Dia	\$8,230.00	Composite Install	8228	5 Dia X 19.7	\$26,027.00
Bench, Ring & Cover	7734	5 Dia	\$8,230.00	Composite Install	8272	5 Dia X 19.9	\$26,149.00
Bench, Ring & Cover	5832	5 Dia	\$8,230.00	Composite Install	1594	5 Dia X 19.3	\$25,783.00
Bench, Ring & Cover	9716	5 Dia	\$8,230.00	Composite Install	296	5 Dia X 18.0	\$24,990.00
Bench, Ring & Cover	5655	5 Dia	\$8,230.00	Bench, Ring & Cover	990	5 Dia	\$8,230.00

A Amount

\$532,287.00

ITEM # B

Third Party testing of concrete

B Amount

Cost Plus 15%

TOTAL PROPOSAL AMOUNT:

TPT Tax paid on materials at point of purchase per MRRR Tax Regulations

The above proposal amount is based on a standard 40 hour per week work schedule. Extended hours, weekend and holiday work will be an add to the contract amount. Due to current work load work orders need to give JPCI Services a minimum of 5 months notice before the start of the project.

The above proposal **excludes the cost of payment, performance and/or warranty bonds, traffic control, bypass pumping, and permit fees.** Prices above are based on standard payroll wages and standard JPCI Insurance coverage's. Please feel free to call should you have any questions. We are a City of Phoenix Certified Small Business Enterprise.

Sincerely,

Joe Nuciforo Jr / Beckey Durfee
Estimator,

If you accept this proposal, please complete the information requested below and fax to (480)380-4461, along with a site map.

Accepted by:

Phone:

Estimated Start Date:

PO/Contract #:

This proposal is confidential and proprietary and is intended solely for the use of the individual or entity to whom it is addressed. If you are not the intended recipient be advised that you have received this proposal in error and that its use, dissemination, forwarding, printing, or copying of this proposal is strictly prohibited. If you have received this proposal in error, please immediately notify our office by telephone at 480-986-1212 or via email at bdurfee@jpciservices.com.

**WE PROVIDE:**

BARRICADES

TRAFFIC CONTROL

TRAFFIC PLANS

PLATES & SHORING

PAVEMENT MILLING

SAWING & CORING

BARRIER WALL

SAFETY SUPPLIES

CUSTOM SIGNS

SIGN INSTALLATIONS

ASPHALT PAVING

Locations:**Phoenix**

2533 W. Holly St.
Phoenix, AZ 85009
(602) 431-0911

Chandler

17046 S. Weber Dr.
Chandler, AZ 85226
(602) 431-0911

Tucson

2802 N. Flowing Wells
Tucson, AZ 85705
(520) 624-0465

Prescott

11580 E. Santa Fe Loop
Dewey, AZ 86327
(928) 759-0094

Flagstaff

5301 E. Commerce Ave.
Flagstaff, AZ 86004
(928) 759-0094

FPS Civil LLC

Atte: Jessica Magouirk (602) 708-0548

Re: City of Chandler Project 3 & 4.

Location: McQueen Rd- Pecos To Ray Rd/
Elliot Rd-Dobson To Alma School Rd.

Bid Date: 9-8-2020

04B

TRAFFIC CONTROL DAILY ESTIMATE**(PLAN 2, 4, 13 OR 18) ONE DIRECTION SINGLE LANE CLOSURE- WORK AREA: 300 FT. DAY TIME SET UP.**

- Estimated cost for equipment rental daily is \$80.00*.
- Estimated initial cost for one-time safety items & (1) TCP is \$190.00*.
- Estimated labor cost to set up, take down OR pick up this lane closure is \$200.00* per occurrence.

(PLAN 6, 8, 9, 12 OR 25) ONE DIRECTION SINGLE LANE CLOSURE- WORK AREA: 300 FT. 24 HRS SET UP.

- Estimated cost for equipment rental daily is \$95.00*.
- Estimated initial cost for one-time safety items & (1) TCP is \$340.00*.
- Estimated labor cost to set up OR pick up this lane closure is \$250.00* per occurrence.

(PLAN 10) ONE DIRECTION SINGLE LANE CLOSURE AND SIDE STREET MIDBLOCK SET UP- WORK AREA: 200 FT. 24 HRS SET UPS.

- Estimated cost for equipment rental daily is \$125.00*.
- Estimated initial cost for one-time safety items & (1) TCP is \$495.00*.
- Estimated labor cost to set up OR pick up these lane closures is \$440.00* per occurrence.

(PLAN 7 OR 19) ONE DIRECTION SINGLE LANE CLOSURE AND SIDE STREET MIDBLOCK SET UP- WORK AREA: 200 FT. DAY TIME SET UPS.

- Estimated cost for equipment rental daily is \$95.00*.
- Estimated initial cost for one-time safety items & (1) TCP is \$295.00*.
- Estimated labor cost to set up, take down OR pick up these lane closures is \$320.00* per occurrence.

(PLAN 14, 15 OR 16) ONE DIRECTION SINGLE LANE CLOSURE AND 2-WAY LEFT TURN LN CLOSURE- WORK AREA: 300 FT. DAY TIME SET UPS.

- Estimated cost for equipment rental daily is \$95.00*.
- Estimated initial cost for one-time safety items & (1) TCP is \$295.00*.
- Estimated labor cost to set up, take down OR pick up these lane closures is \$320.00* per occurrence.

(PLAN 1) ONE DIRECTION SINGLE LANE CLOSURE AND 2-WAY LEFT TURN LN CLOSURE- WORK AREA: 1500 FT. DAY TIME SET UPS.

- Estimated cost for equipment rental daily is \$13.00*.
- Estimated initial cost for one-time safety items & (1) TCP is \$320.00*.
- Estimated labor cost to set up, take down OR pick up these lane closures is \$350.00* per occurrence.

(PLAN 3 OR 17) TWO DIRECTION DROP-IN DOUBLE LANE CLOSURE- WORK AREA: 200 FT. DAY TIME SET UPS.

- Estimated cost for equipment rental daily is \$145.00*.
- Estimated initial cost for one-time safety items & (1) TCP is \$285.00*.
- Estimated labor cost to set up, take down OR pick up these lane closures is \$400.00* per occurrence.



WE PROVIDE:

BARRICADES

TRAFFIC CONTROL

TRAFFIC PLANS

PLATES & SHORING

PAVEMENT MILLING

SAWING & CORING

BARRIER WALL

SAFETY SUPPLIES

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SIGN INSTALLATIONS

ASPHALT PAVING

Locations:

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(520) 624-0465

Prescott

11580 E. Santa Fe Loop
Dewey, AZ 86327
(928) 759-0094

Flagstaff

5301 E. Commerce Ave.
Flagstaff, AZ 86004
(928) 759-0094

(PLAN 21, 22, 24, 26 OR 27) 4-WAY LEFT TURN LANE CLOSURE- WORK AREA: 200 FT. 24 HRS SET UPS.

- Estimated cost for equipment rental daily is \$45.00*.
- Estimated initial cost for one-time safety items & (1) TCP is \$265.00*.
- Estimated labor cost to set up OR pick up these lane closures is \$180.00* per occurrence.

(PLAN 5 OR 11) ONE DIRECTION SIDE STREET MIDBLOCK OR FOOTBALL SET UP- WORK AREA: 200 FT. 24 HRS SET UP.

- Estimated cost for equipment rental daily is \$40.00*.
- Estimated initial cost for one-time safety items & (1) TCP is \$240.00*.
- Estimated labor cost to set up OR pick up this lane closure is \$180.00* per occurrence.

(PLAN 23) ONE DIRECTION SIDE STREET MIDBLOCK SET UP- WORK AREA: 200 FT. DAY TIME SET UP.

- Estimated cost for equipment rental daily is \$35.00*.
- Estimated initial cost for one-time safety items & (1) TCP is \$185.00*.
- Estimated labor cost to set up, take down OR pick up this lane closure is \$180.00* per occurrence.

(PLAN 20) ONE DIRECTION DOUBLE LANE CLOSURE AND 2-WAY LEFT TURN LANE CLOSURE- WORK AREA: 300 FT. 24 HRS SET UP.

- Estimated cost for equipment rental daily is \$225.00*.
- Estimated initial cost for one-time safety items & (1) TCP is \$760.00*.
- Estimated labor cost to set up OR pick up these lane closures is \$800.00* per occurrence.

24" x 30" CHANDLER CONTRACTOR SIGN:

- \$50.00* Each.

EXCLUSIONS:

Message Boards, Temporary No Parking Signs, Municipal Plan Review Fees, Permit Fees, Shadow Truck, Project Specialty Signs, Concrete or Water Filled Barrier Wall, Flagman, Police Officers, Standby Time and ADA Compliance.

TERMS / CONDITIONS:

1. Invoices will be based off the actual ticketed equipment and / or labor delivered to the job.
2. Sales tax is not included and will be added to all billings. Tax rate subject to change if the prevailing rate changes.
3. This quote is valid for 60 days. If work starts after 60 days, then Trafficade reserves the right to nullify this quote and re-quote at its own discretion.
4. 0% Retention

Trafficade Estimator:
Abel Duenez 602-431-0911
Abel@trafficade.com

EXHIBIT C

PERFORMANCE BOND

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

KNOW ALL MEN BY THESE PRESENTS THAT: _____

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

WHEREAS, the Principal has entered into a certain written contract with the Obligee, dated the _____ day of _____, 20__ for construction of **SEWER MANHOLE REHABILITATION, WW2014.402** which contract is hereby referred to and made a part hereof as fully and to the same extent as if copies at length herein.

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

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

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

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

AGENT OF RECORD

PRINCIPAL SEAL

By _____

SURETY SEAL

AGENT ADDRESS

EXHIBIT D

PAYMENT BOND

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

KNOW ALL MEN BY THESE PRESENTS THAT:_____

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

WHEREAS, the Principal has entered into a certain written contract with the Obligee, dated the _____ day of _____, 20__ for construction of **SEWER MANHOLE REHABILITATION, WW2014.402** which contract is hereby referred to and made a part hereof as fully and to the same extent as if copied at length herein.

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

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

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

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

AGENT OF RECORD

PRINCIPAL

SEAL

By _____

SURETY

SEAL

AGENT ADDRESS

EXHIBIT E

CONTRACTOR'S AFFIDAVIT REGARDING SETTLEMENT OF CLAIMS

_____, Arizona

Date _____

Project Name: **SEWER MANHOLE REHABILITATION**

Project No.: **WW2014.402**

To the City of Chandler, Arizona

Gentlemen:

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

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

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

CONTRACTOR

By _____

STATE OF ARIZONA)
) SS
COUNTY OF MARICOPA)

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

Notary Public

My Commission Expires

EXHIBIT F

CERTIFICATE OF COMPLETION

Project: **SEWER MANHOLE REHABILITATION**

Project No.: **WW2014.402**

(TO BE COMPLETED BY CONTRACTOR)

I HEREBY CERTIFY THAT ALL GOODS AND/OR SERVICES REQUIRED BY CITY OF CHANDLER PROJECT NO. **WW2014.402** HAVE BEEN DELIVERED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND BID SPECIFICATIONS AND ALL ACTIVITIES REQUIRED BY THE CONTRACTOR UNDER THE CONTRACT HAVE BEEN COMPLETED AS OF _____.

(Date)

FIRM NAME: _____

PRINCIPAL: _____

(Name)

(Signature)

DATE: _____

(Title)

CERTIFIED BY ENGINEER/CONSULTANT (IF APPLICABLE):

(Signature) DATE: _____

(Firm Name)

PROJECT ACCEPTED BY USER DEPARTMENT

(Signature) DATE: _____

(Dept. /Div.)

_____ Date of Final Walk-Through

_____ Date As-Built Received

_____ City As-Built Number