



CITY OF CHANDLER JOB ORDER PROJECT AGREEMENT

Project Name: **SEWER MANHOLE REHABILITATION 2022 - PROJECT 2**

Project No. **WW2208.402**

This JOB ORDER PROJECT AGREEMENT ("Job Order") is made this _____ day of _____ 2023 ("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 for the rehabilitation of 66 sanitary sewer 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 2022 - PROJECT 2**, Project Number **WW2208.402**. The scope of work consists of rehabilitation of 66 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 **\$1,552,214.15** 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 **240** calendar days from the Notice to Proceed (NTP) Date.

ARTICLE 4. PARTICIPANTS

CITY:	Construction Project Manager: Raymond Potts	
	Phone:	480-782-3326
	Email:	Raymond.potts@chandleraz.gov
JOC CONTRACTOR:	FPS Civil, LLC	
	22849 N. 19th Ave Suite 120 Phoenix, AZ 85027	
	JOC Contractor Representative: Warren France	
	Phone:	602-721-3628
	Email:	Wfrance@fpscivil.com

ARTICLE 5. 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 have executed this Job Order as of the Effective Date.

“CITY”
CITY OF CHANDLER:

MAYOR Date

Recommended By:

 Digitally signed by Kimberly Moon
DN: C=US, E=Kimberly.Moon@ChandlerAZ.gov,
O=City of Chandler, OU=Capital Projects
Division, CN=Kimberly Moon
Date: 2023.08.22 10:17:02-07'00'

Kimberly Moon, P.E.
CIP City Engineer

APPROVED AS TO FORM:

City Attorney By: 

ATTEST:

City Clerk SEAL

“JOC CONTRACTOR”
FPS Civil, LLC:

 August 21, 2023

Signature Date

Warren France

Print Name

President

Title

ATTEST: If Corporation

Secretary

ADDRESS FOR NOTICE

FPS Civil, LLC

~~XXXXXX~~ 22849 N. 19th Ave Suite 120

~~XXXXXX~~ Phoenix, AZ ~~XXXXXX~~ 85027

EXHIBIT A
SCOPE OF WORK



08-15-2023

Raymond Potts
Construction/Design Project Manager
Public Works & Utilities Department
215 E. Buffalo Street, Suite 101
Chandler, AZ 85244-4008

Re: **SEWER MANHOLE REHAB 2022 – Project 2 (WW2208.402)**

HD#: 4808

Dear: Mr. Potts

Enclosed for your review and consideration is our cost proposal for the above referenced JOC proposal to perform the sewer manhole rehabilitation scope of work as noted in the Exhibit A attached.

This proposal is for the total amount of **\$1,552,214.15** including markup, insurance, bonds, tax and owner's allowances. Details are provided in the attached exhibits:

- Exhibit A: Scope of Work
 - A1 – A2: Project map (56th St Area)
 - A3 – A4: Project map (Riggs – Cooper - Hunt)
- Exhibit B – Job Order Cost Proposal Summary Sheet
 - B1: FPS Civil CBS Outline Report
 - B2: Quote Comparison and Award Report
 - B3: CBS Detail Report (Cost Item 33)
- Exhibit G – Subcontractor Quotes

Please feel free to contact me if you have any questions or need any additional information.

Sincerely,

Andrew JL Durda

Andrew JL Durda
Estimator
602-359-1658
adurda@Fpscivil.com



EXHIBIT A: SCOPE OF WORK

FPS Civil LLC proposes to rehabilitate the manholes identified in Exhibit A 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. Rehabilitate existing manholes, chimney, bench, PVC point repairs:
 - a. Call in Blue Stake. Set plugs, clean out deteriorated concrete and sand blast, remove plugs.
 - b. Set debris shields. Cut/mill asphalt. Remove asphalt and excavate (if required)
 - c. Rebuild concrete bench
 - d. Place grout and reform chimney and barrel as needed
 - e. Rebuild concrete bench.
 - f. Install ring, cover and concrete collar (if required)
 - g. Wash and coat invert and bench.
 - h. Pave patch (if required)
 - i. Set plugs. Spark test and patch. Let patches cure. Remove plugs
 - j. Demobilize equipment and remove traffic controls
3. Rehabilitated existing manhole benches:
 - a. Set plugs, clean out deteriorated concrete and sand blast
 - b. Set debris shields. Cut/mill asphalt. Remove asphalt and excavate (if required)
 - c. Rebuild concrete bench
 - d. Install ring, cover and concrete collar (if required)
 - e. Wash and coat invert and bench.
 - f. Pave patch (if required)
 - g. Set plugs. Spark test and patch. Let patches cure. Remove plugs
 - h. Demobilize equipment and remove traffic controls
4. Replace Frames, Covers and Collars
 - a. Call in Blue Stake.
 - b. Set debris shields. Cut/mill asphalt. Remove asphalt and excavate
 - c. Install ring, cover and concrete collar
 - d. Pave patch



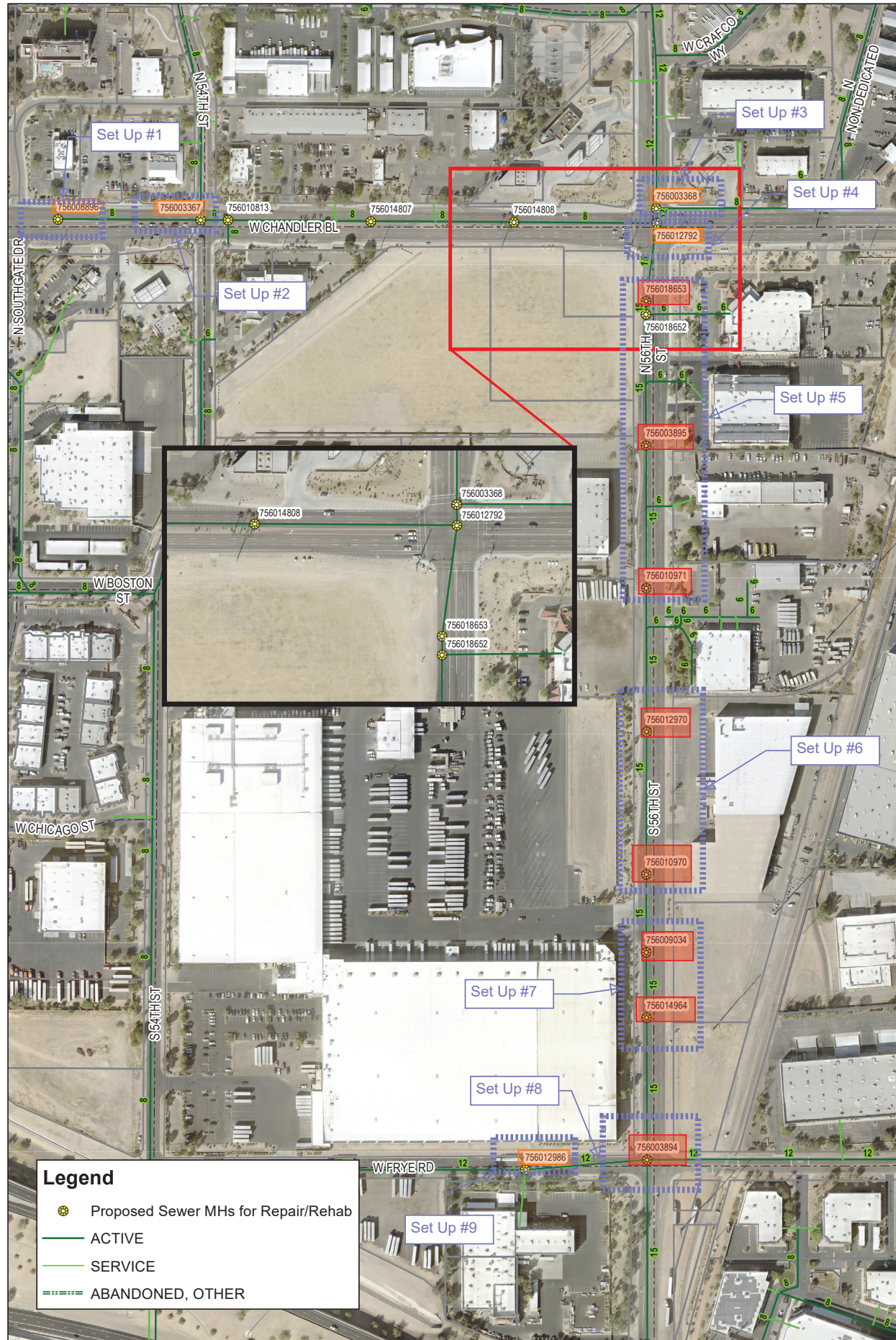
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- e. Demobilize equipment and remove traffic controls
 - 5. Pavement replacement shall be 5" AC on 12" ABC or match existing
 - 6. All products shall be per the City's approved product list
 - 7. Traffic control will be per the City's barricade manual
 - 8. Debris shields and flow-through plugs will be used at each manhole.
 - 9. 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 buried utilities in conflict with the work
 - c. Hard Dig
 - d. Temporary easement costs
 - e. City permit and plan review fees, City inspection fees, impact fees, utility fees
 - f. Premiums for night/off hours work is excluded (all work is assumed to occur between 6am and 6pm)

Construction Duration: FPS Civil proposes to complete the work described above in 210 calendar days from NTP to substantial completion and 240 calendar days from NTP to final completion.

Proposed Sewer Manholes for Rehabilitation 56th St Area - Map 1 of 2

Date: 11/21/2022

1 inch = 250 feet



Proposed Sewer Manholes for Rehabilitation 56th St Area - Map 2 of 2



1 inch = 194 feet

Date: 11/21/2022

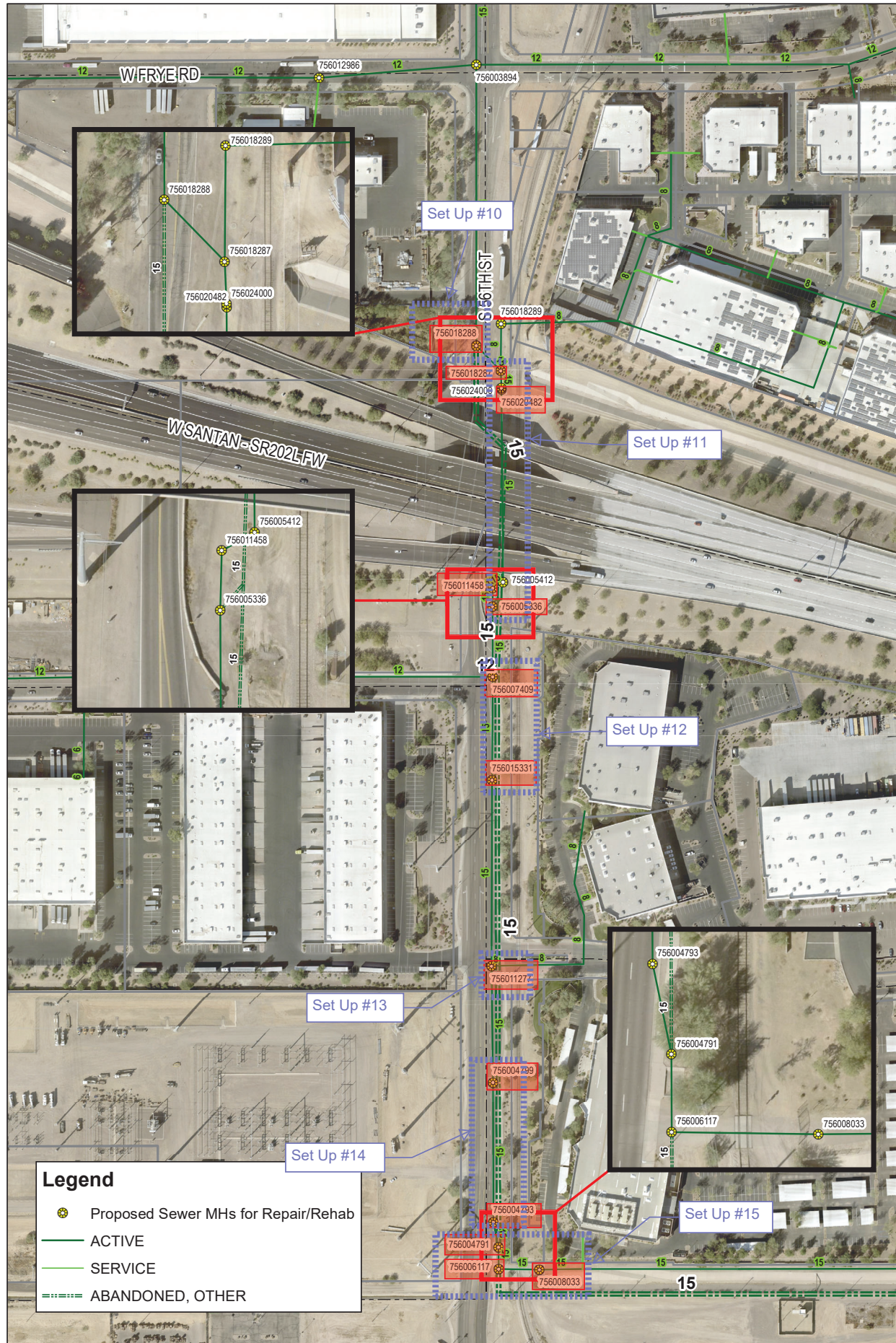
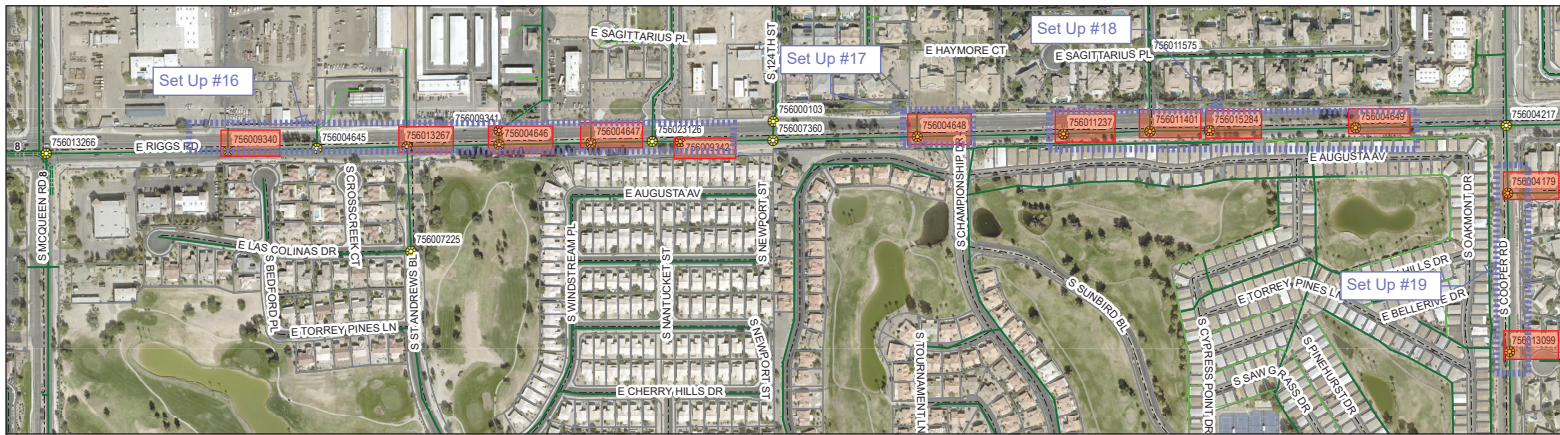
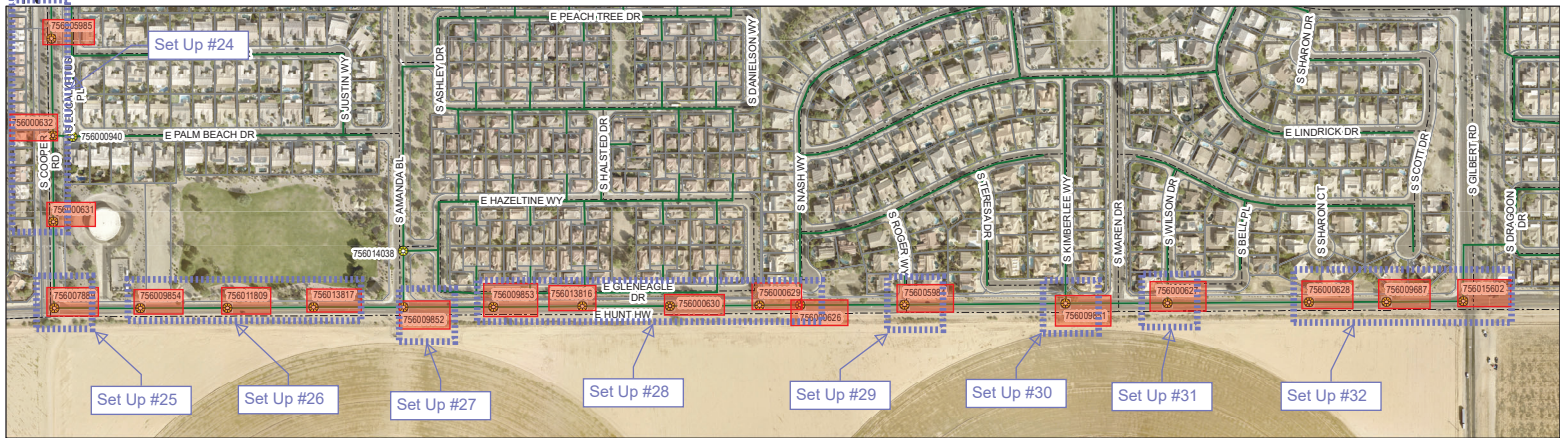




Exhibit A3
Proposed Sewer Manholes for Rehabilitation (May 2022)
Riggs-Cooper-Hunt - Map 1 of 2
Date: 11/21/2022



Path: T:\GIS\SewerRehab\Riggs Cooper Hunt_map1.mxd

Proposed Sewer Manholes for Rehabilitation (May 2022) Riggs-Cooper-Hunt - Map 2 of 2

Date: 11/22/2022



**EXHIBIT B
FEE SCHEDULE**



Exhibit 'B'

JOB ORDER COST PROPOSAL SUMMARY SHEET

Sewer Manhole Rehab Project 2 - (WW2208.402)

Negotiated Prices

Price of Subcontractor(s)	\$	1,014,046.20
Price of Subconsultant(s)	\$	-
General Conditions	\$	189,126.39
Preconstruction Labor (if applicable)	\$	-
Construction Labor, Equipment, Materials (if applicable)	\$	-
SUBTOTAL (NEGOTIATED PRICES):		\$ 1,203,172.59

Overhead and Profit (Coefficient per Job Order Master Agreement)	7.50%	\$ 90,237.94
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TOTAL (NEGOTIATED + OVERHEAD & PROFIT): \$ 1,293,410.53

Insurance, Bonds, & Taxes

Sales Tax	5.07%	\$ 65,575.91
General Liability Insurance	0.74%	\$ 9,571.24
Builder's Risk Insurance	0.10%	\$ 1,293.41
Payment & Performance Bond	0.87%	\$ 11,252.67
		\$ -
SUBTOTAL (INSURANCE, BONDS, & TAXES):		\$ 87,693.23

COMBINED TOTAL (TOTAL + INSURANCE, BONDS, & TAXES): \$ 1,381,103.77

Post Pano Allowance		\$ 33,000.00
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City's Allowance	10.00%	\$ 138,110.38
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TOTAL JOB ORDER: \$ 1,552,214.15

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: 4808 - Chandler JOC MH Repairs Project 2
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 756008896)				
1.1 Traffic Control	10.00	Day	440.00	4,400.00
1.2 Mobilization	1.00	LS	339.79	339.79
1.2.1 Pick-Up/Transport - Owner Supplied Materials (Frame/Cover)	1.00	Each	59.20	59.20
1.2.2 Mobilization - Runners	1.00	LS	280.59	280.59
1.3 MH 756008896 (Insert)	1.00	LS	26,880.00	26,880.00
Total: Traffic Control Setup #1 (MH 756008896)				31,619.79
2 Traffic Control Setup #2 (MH 756003367)				
2.1 Traffic Control	4.00	Day	1,767.50	7,070.00
2.2 Mobilization	1.00	LS	280.59	280.59
2.2.1 Mobilization - Runners	1.00	LS	280.59	280.59
2.3 MH 756003367 (Bench)	1.00	LS	6,800.00	6,800.00
Total: Traffic Control Setup #2 (MH 756003367)				14,150.59
3 Traffic Control Setup #3 (MH 756003368)				
3.1 Traffic Control	4.00	Day	1,767.50	7,070.00
3.2 Mobilization	1.00	LS	280.59	280.59
3.2.1 Mobilization - Runners	1.00	LS	280.59	280.59
3.3 MH 756003368 (Bench)	1.00	LS	6,800.00	6,800.00
Total: Traffic Control Setup #3 (MH 756003368)				14,150.59
4 Traffic Control Setup #4 (MH 756012792)				
4.1 Traffic Control	10.00	Day	1,265.00	12,650.00
4.2 Mobilization	1.00	LS	339.79	339.79
4.2.1 Pick-Up/Transport - Owner Supplied Materials (Frame/Cover)	1.00	Each	59.20	59.20
4.2.2 Mobilization - Runners	1.00	LS	280.59	280.59
4.3 MH 756012792 (Insert)	1.00	LS	26,880.00	26,880.00
Total: Traffic Control Setup #4 (MH 756012792)				39,869.79
5 Traffic Control Setup #5 (MH 756003895, MH 756010971, MH 756018653)				
5.1 Traffic Control	12.00	Day	1,244.17	14,930.00
5.2 Mobilization	1.00	LS	339.79	339.79
5.2.1 Pick-Up/Transport - Owner Supplied Materials (Frame/Cover)	1.00	Each	59.20	59.20
5.2.2 Mobilization - Runners	1.00	LS	280.59	280.59
5.3 MH 756003895 (Rehab Manhole)	1.00	LS	16,674.55	16,674.55
5.4 MH 756010971 (Rehab Manhole)	1.00	LS	15,755.45	15,755.45
5.5 MH 756018653 (Rehab Manhole)	1.00	LS	17,899.80	17,899.80
Total: Traffic Control Setup #5 (MH 756003895, MH 756010971, MH 756018653)				65,599.59
6 Traffic Control Setup #6 (MH 756010970, MH 756012970)				
6.1 Traffic Control	10.00	Day	845.00	8,450.00
6.2 Mobilization	1.00	LS	339.79	339.79
6.2.1 Pick-Up/Transport - Owner Supplied Materials (Frame/Cover)	1.00	Each	59.20	59.20

Code	Description	Forecast (T/O) Quantity	Unit of Measure	Unit Cost	Total Cost (Forecast)
6.2.2	Mobilization - Runners	1.00	LS	280.59	280.59
6.3	MH 756010970 (Rehab Manhole)	1.00	LS	13,917.90	13,917.90
6.4	MH 756012970 (Rehab Manhole)	1.00	LS	14,734.95	14,734.95
Total: Traffic Control Setup #6 (MH 756010970, MH 756012970)					37,442.64
7	Traffic Control Setup #7 (MH 756009034, MH 756014964)				
7.1	Traffic Control	7.00	Day	860.00	6,020.00
7.2	Mobilization	1.00	LS	339.79	339.79
7.2.1	Pick-Up/Transport - Owner Supplied Materials (Frame/Cover)	1.00	Each	59.20	59.20
7.2.2	Mobilization - Runners	1.00	LS	280.59	280.59
7.3	MH 756009034 (Bench)	1.00	LS	6,800.00	6,800.00
7.4	MH 756014964 (Rehab Manhole)	1.00	LS	12,794.70	12,794.70
Total: Traffic Control Setup #7 (MH 756009034, MH 756014964)					25,954.49
8	Traffic Control Setup #8 (MH 756003894)				
8.1	Traffic Control	5.00	Day	1,550.00	7,750.00
8.2	Mobilization	1.00	LS	339.79	339.79
8.2.1	Pick-Up/Transport - Owner Supplied Materials (Frame/Cover)	1.00	Each	59.20	59.20
8.2.2	Mobilization - Runners	1.00	LS	280.59	280.59
8.3	MH 756003894 (Rehab Manhole)	1.00	LS	12,080.35	12,080.35
Total: Traffic Control Setup #8 (MH 756003894)					20,170.14
9	Traffic Control Setup #9 (MH 756012986)				
9.1	Traffic Control	4.00	Day	492.50	1,970.00
9.2	Mobilization	1.00	LS	280.59	280.59
9.2.1	Mobilization - Runners	1.00	LS	280.59	280.59
9.3	MH 756012986 (Bench)	1.00	LS	6,800.00	6,800.00
Total: Traffic Control Setup #9 (MH 756012986)					9,050.59
10	Traffic Control Setup #10 (MH 756018288)				
10.1	Traffic Control	5.00	Day	240.00	1,200.00
10.2	Mobilization	1.00	LS	280.59	280.59
10.2.1	Mobilization - Runners	1.00	LS	280.59	280.59
10.3	MH 756003894 (Chimney and Bench Rehab)	1.00	LS	8,600.00	8,600.00
Total: Traffic Control Setup #10 (MH 756018288)					10,080.59
11	Traffic Control Setup #11 (MH 756005336, MH 756011458, MH 756018287, MH 756020482)				
11.1	Traffic Control	14.00	Day	705.00	9,870.00
11.2	Mobilization	1.00	LS	280.59	280.59
11.2.1	Mobilization - Runners	1.00	LS	280.59	280.59
11.3	MH 756005336 (Chimney and Bench Rehab. PVC Point)	1.00	LS	15,100.00	15,100.00
11.4	MH 756011458 (Bench)	1.00	LS	6,800.00	6,800.00
11.5	MH 756018287 (Chimney and Bench Rehab)	1.00	LS	8,600.00	8,600.00
11.6	MH 756020482 (Chimney and Bench Rehab. PVC Point)	1.00	LS	15,100.00	15,100.00
Total: Traffic Control Setup #11 (MH 756005336, MH 756011458, MH 756018287, MH 756020482)					55,750.59
12	Traffic Control Setup #12 (MH 756007409, MH 756015331)				
12.1	Traffic Control	5.00	Day	880.00	4,400.00

Code	Description	Forecast (T/O) Quantity	Unit of Measure	Unit Cost	Total Cost (Forecast)
12.2	Mobilization	1.00	LS	280.59	280.59
12.2.1	Mobilization - Runners	1.00	LS	280.59	280.59
12.3	MH 756007409 (Bench)	1.00	LS	6,800.00	6,800.00
12.4	MH 756015331 (Bench)	1.00	LS	6,800.00	6,800.00
Total: Traffic Control Setup #12 (MH 756007409, MH 756015331)					18,280.59
13	Traffic Control Setup #13 (MH 756011277)				
13.1	Traffic Control	5.00	Day	1,550.00	7,750.00
13.2	Mobilization	1.00	LS	280.59	280.59
13.2.1	Mobilization - Runners	1.00	LS	280.59	280.59
13.3	MH 756011277 (Bench)	1.00	LS	6,800.00	6,800.00
Total: Traffic Control Setup #13 (MH 756011277)					14,830.59
14	Traffic Control Setup #14 (MH 756004793, MH 756004799)				
14.1	Traffic Control	10.00	Day	845.00	8,450.00
14.2	Mobilization	1.00	LS	280.59	280.59
14.2.1	Mobilization - Runners	1.00	LS	280.59	280.59
14.3	MH 756004793 (Chimney and Bench Rehab)	1.00	LS	8,600.00	8,600.00
14.4	MH 756004799 (Chimney and Bench Rehab)	1.00	LS	8,600.00	8,600.00
Total: Traffic Control Setup #14 (MH 756004793, MH 756004799)					25,930.59
15	Traffic Control Setup #15 (MH 756004791, MH 756006117, MH 756008033)				
15.1	Traffic Control	11.00	Day	541.82	5,960.00
15.2	Mobilization	1.00	LS	339.79	339.79
15.2.1	Pick-Up/Transport - Owner Supplied Materials (Frame/Cover)	1.00	Each	59.20	59.20
15.2.2	Mobilization - Runners	1.00	LS	280.59	280.59
15.3	MH 756004791 (Chimney and Bench Rehab)	1.00	LS	8,600.00	8,600.00
15.4	MH 756006117 (Bench)	1.00	LS	6,800.00	6,800.00
15.5	MH 756008033 (Rehab Manhole)	1.00	LS	13,407.65	13,407.65
Total: Traffic Control Setup #15 (MH 756004791, MH 756006117, MH 756008033)					35,107.44
16	Traffic Control Setup #16 (MH 756004647, MH 756009340, MH 756009342, MH 756013267)				
16.1	Traffic Control	15.00	Day	2,048.33	30,725.00
16.2	Mobilization	1.00	LS	339.79	339.79
16.2.1	Pick-Up/Transport - Owner Supplied Materials (Frame/Cover)	1.00	Each	59.20	59.20
16.2.2	Mobilization - Runners	1.00	LS	280.59	280.59
16.3	MH 756004647 (Chimney and Bench Rehab)	1.00	LS	8,600.00	8,600.00
16.4	MH 756009340 (Chimney and Bench Rehab)	1.00	LS	8,600.00	8,600.00
16.5	MH 756009342 (Chimney and Bench Rehab)	1.00	LS	8,600.00	8,600.00
16.6	MH 756013267 (Chimney and Bench Rehab)	1.00	LS	8,600.00	8,600.00
16.7	MH 756004646 (Ring, Cover, & Collar Replacement)	1.00	LS	3,800.00	3,800.00
Total: Traffic Control Setup #16 (MH 756004647, MH 756009340, MH 756009342, MH 756013267)					69,264.79
17	Traffic Control Setup #17 (MH 756004648)				
17.1	Traffic Control	6.00	Day	463.33	2,780.00
17.2	Mobilization	1.00	LS	280.59	280.59
17.2.1	Mobilization - Runners	1.00	LS	280.59	280.59
17.3	MH 756004648 (Chimney and Bench Rehab)	1.00	LS	8,600.00	8,600.00

Code	Description	Forecast (T/O) Quantity	Unit of Measure	Unit Cost	Total Cost (Forecast)
Total: Traffic Control Setup #17 (MH 756004648)					11,660.59
18	Traffic Control Setup #18 (MH 756004649, MH 756011237, MH 756011401, MH 756015284)				
18.1	Traffic Control	15.00	Day	1,643.33	24,650.00
18.2	Mobilization	1.00	LS	280.59	280.59
18.2.1	Mobilization - Runners	1.00	LS	280.59	280.59
18.3	MH 756004649 (Chimney and Bench Rehab)	1.00	LS	8,600.00	8,600.00
18.4	MH 756011237 (Chimney and Bench Rehab)	1.00	LS	8,600.00	8,600.00
18.5	MH 756011401 (Chimney and Bench Rehab)	1.00	LS	8,600.00	8,600.00
18.6	MH 756015284 (Chimney and Bench Rehab)	1.00	LS	8,600.00	8,600.00
Total: Traffic Control Setup #18 (MH 756004649, MH 756011237, MH 756011401, MH 756015284)					59,330.59
19	Traffic Control Setup #19 (MH 756004179, MH 756013099)				
19.1	Traffic Control	10.00	Day	845.00	8,450.00
19.2	Mobilization	1.00	LS	280.59	280.59
19.2.1	Mobilization - Runners	1.00	LS	280.59	280.59
19.3	MH 756004179 (Chimney and Bench Rehab)	1.00	LS	8,600.00	8,600.00
19.4	MH 756013099 (Chimney and Bench Rehab)	1.00	LS	8,600.00	8,600.00
Total: Traffic Control Setup #19 (MH 756004179, MH 756013099)					25,930.59
20	Traffic Control Setup #20 (MH 756000677, MH 756009164)				
20.1	Traffic Control	10.00	Day	2,345.00	23,450.00
20.2	Mobilization	1.00	LS	280.59	280.59
20.2.1	Mobilization - Runners	1.00	LS	280.59	280.59
20.3	MH 756000677 (Chimney and Bench Rehab)	1.00	LS	8,600.00	8,600.00
20.4	MH 756009164 (Chimney and Bench Rehab)	1.00	LS	8,600.00	8,600.00
Total: Traffic Control Setup #20 (MH 756000677, MH 756009164)					40,930.59
21	Traffic Control Setup #21 (MH 756007906, MH 756011827, MH 756007905, MH 756009864)				
21.1	Traffic Control	15.00	Day	2,048.33	30,725.00
21.2	Mobilization	1.00	LS	339.79	339.79
21.2.1	Pick-Up/Transport - Owner Supplied Materials (Frame/Cover)	1.00	Each	59.20	59.20
21.2.2	Mobilization - Runners	1.00	LS	280.59	280.59
21.3	MH 756007906 (Chimney and Bench Rehab)	1.00	LS	8,600.00	8,600.00
21.4	MH 756011827 (Chimney and Bench Rehab)	1.00	LS	8,600.00	8,600.00
21.5	MH 756007905 (Chimney and Bench Rehab)	1.00	LS	8,600.00	8,600.00
21.6	MH 756009864 (Chimney and Bench Rehab)	1.00	LS	8,600.00	8,600.00
21.7	MH 756011826 (Ring, Cover, & Collar Replacement)	1.00	LS	3,800.00	3,800.00
Total: Traffic Control Setup #21 (MH 756007906, MH 756011827, MH 756007905, MH 756009864)					69,264.79
22	Traffic Control Setup #22 (MH 756000633)				
22.1	Traffic Control	5.00	Day	1,550.00	7,750.00
22.2	Mobilization	1.00	LS	280.59	280.59
22.2.1	Mobilization - Runners	1.00	LS	280.59	280.59
22.3	MH 756000633 (Chimney and Bench Rehab)	1.00	LS	8,600.00	8,600.00
Total: Traffic Control Setup #22 (MH 756000633)					16,630.59
23	Traffic Control Setup #23 (MH 756005986)				
23.1	Traffic Control	5.00	Day	1,550.00	7,750.00

Code	Description	Forecast (T/O) Quantity	Unit of Measure	Unit Cost	Total Cost (Forecast)
23.2	Mobilization	1.00	LS	280.59	280.59
23.2.1	Mobilization - Runners	1.00	LS	280.59	280.59
23.3	MH 756005986 (Chimney and Bench Rehab)	1.00	LS	8,600.00	8,600.00
Total: Traffic Control Setup #23 (MH 756005986)					16,630.59
24	Traffic Control Setup #24 (MH 756000631, MH 756000632, MH 756005985)				
24.1	Traffic Control	12.00	Day	1,244.17	14,930.00
24.2	Mobilization	1.00	LS	280.59	280.59
24.2.1	Mobilization - Runners	1.00	LS	280.59	280.59
24.3	MH 756000631 (Chimney and Bench Rehab)	1.00	LS	8,600.00	8,600.00
24.4	MH 756000632 (Chimney and Bench Rehab)	1.00	LS	8,600.00	8,600.00
24.5	MH 756005985 (Chimney and Bench Rehab)	1.00	LS	8,600.00	8,600.00
Total: Traffic Control Setup #24 (MH 756000631, MH 756000632, MH 756005985)					41,010.59
25	Traffic Control Setup #25 (MH 756007889)				
25.1	Traffic Control	5.00	Day	1,550.00	7,750.00
25.2	Mobilization	1.00	LS	280.59	280.59
25.2.1	Mobilization - Runners	1.00	LS	280.59	280.59
25.3	MH 756007889 (Chimney and Bench Rehab)	1.00	LS	8,600.00	8,600.00
Total: Traffic Control Setup #25 (MH 756007889)					16,630.59
26	Traffic Control Setup #26 (MH 756009854, MH 756011809, MH 756013817)				
26.1	Traffic Control	12.00	Day	1,244.17	14,930.00
26.2	Mobilization	1.00	LS	280.59	280.59
26.2.1	Mobilization - Runners	1.00	LS	280.59	280.59
26.3	MH 756009854 (Chimney and Bench Rehab)	1.00	LS	8,600.00	8,600.00
26.4	MH 756011809 (Chimney and Bench Rehab)	1.00	LS	8,600.00	8,600.00
26.5	MH 756013817 (Chimney and Bench Rehab)	1.00	LS	8,600.00	8,600.00
Total: Traffic Control Setup #26 (MH 756009854, MH 756011809, MH 756013817)					41,010.59
27	Traffic Control Setup #27 (MH 756009852)				
27.1	Traffic Control	5.00	Day	1,550.00	7,750.00
27.2	Mobilization	1.00	LS	339.79	339.79
27.2.1	Pick-Up/Transport - Owner Supplied Materials (Frame/Cover)	1.00	Each	59.20	59.20
27.2.2	Mobilization - Runners	1.00	LS	280.59	280.59
27.3	MH 756009852 (Ring, Cover, & Collar Replacement)	1.00	LS	3,800.00	3,800.00
Total: Traffic Control Setup #27 (MH 756009852)					11,889.79
28	Traffic Control Setup #28 (MH 756000629, MH 756000630, MH 756009853, MH 756013816, MH 756000626)				
28.1	Traffic Control	22.00	Day	2,040.91	44,900.00
28.2	Mobilization	1.00	LS	280.59	280.59
28.2.1	Mobilization - Runners	1.00	LS	280.59	280.59
28.3	MH 756000629 (Chimney and Bench Rehab)	1.00	LS	8,600.00	8,600.00
28.4	MH 756000630 (Chimney and Bench Rehab)	1.00	LS	8,600.00	8,600.00
28.5	MH 756009853 (Chimney and Bench Rehab)	1.00	LS	8,600.00	8,600.00
28.6	MH 756013816 (Chimney and Bench Rehab)	1.00	LS	8,600.00	8,600.00
28.7	MH 756000626 (Chimney and Bench Rehab)	1.00	LS	8,600.00	8,600.00
Total: Traffic Control Setup #28 (MH 756000629, MH 756000630, MH 756009853, MH 756013816, MH 756000626)					88,180.59

Code	Description	Forecast (T/O) Quantity	Unit of Measure	Unit Cost	Total Cost (Forecast)
29	Traffic Control Setup #29 (MH 756005984)				
29.1	Traffic Control	6.00	Day	1,438.33	8,630.00
29.2	Mobilization	1.00	LS	280.59	280.59
29.2.1	Mobilization - Runners	1.00	LS	280.59	280.59
29.3	MH 756005984 (Chimney and Bench Rehab)	1.00	LS	8,600.00	8,600.00
Total: Traffic Control Setup #29 (MH 756005984)					17,510.59
30	Traffic Control Setup #30 (MH 756009851)				
30.1	Traffic Control	6.00	Day	463.33	2,780.00
30.2	Mobilization	1.00	LS	280.59	280.59
30.2.1	Mobilization - Runners	1.00	LS	280.59	280.59
30.3	MH 756009851 (Chimney and Bench Rehab)	1.00	LS	8,600.00	8,600.00
Total: Traffic Control Setup #30 (MH 756009851)					11,660.59
31	Traffic Control Setup #31 (MH 756000627)				
31.1	Traffic Control	6.00	Day	1,438.33	8,630.00
31.2	Mobilization	1.00	LS	280.59	280.59
31.2.1	Mobilization - Runners	1.00	LS	280.59	280.59
31.3	MH 756000627 (Chimney and Bench Rehab)	1.00	LS	8,600.00	8,600.00
Total: Traffic Control Setup #31 (MH 756000627)					17,510.59
32	Traffic Control Setup #32 (MH 756000628, MH 756009687, MH 756015602)				
32.1	Traffic Control	12.00	Day	1,244.17	14,930.00
32.2	Mobilization	1.00	LS	280.59	280.59
32.2.1	Mobilization - Runners	1.00	LS	280.59	280.59
32.3	MH 756000628 (Chimney and Bench Rehab)	1.00	LS	8,600.00	8,600.00
32.4	MH 756009687 (Chimney and Bench Rehab)	1.00	LS	8,600.00	8,600.00
32.5	MH 756015602 (Chimney and Bench Rehab)	1.00	LS	8,600.00	8,600.00
Total: Traffic Control Setup #32 (MH 756000628, MH 756009687, MH 756015602)					41,010.59
33	General Conditions				
33.1	Job Managment	31.00	Week	5,515.69	170,986.39
33.2	General Expense	1.00	LS	18,140.00	18,140.00
Total: General Conditions					189,126.39
Grand Total:					1,203,172.59

Cost Breakdown Structure Details
FPS CIVIL LLC
Job Code: 4808 - Chandler JOC MH Repairs Project 2
Description:

CBS Position Code	CI Description	Cost Source	Cost Item		Unit Cost	Total Cost	Unit and Total Costs by Category					
			Forecast (TIO)	Quantity UM			Labor	Equipment	Rented Equipment	Materials	Subcontract	Fees
Pay Item:	33 (General Conditions)											
33	General Conditions	Detail	1.00	LS	189,126.39	189,126.39	131,777.81	36,883.58	4,800.00	4,525.00	7,500.00	3,640.00
							131,777.81	36,883.58	4,800.00	4,525.00	7,500.00	3,640.00

Pay Item Assignment: 33 (General Conditions)

Production:					
Duration	Days			Cost / Duration	Cost/Day
	155.00				1,220.17
UM / Duration	UM/Day	UM/Hour		Duration / UM	Days/UM
	0.01	0.00			155.00

33.1	Job Management	Detail	31.00	Week	5,515.69	170,986.39	4,250.90	1,189.79	0.00	75.00	0.00	0.00
							131,777.81	36,883.58	0.00	2,325.00	0.00	0.00

Pay Item Assignment: 33 (General Conditions)

Production:					
Duration	Days			Cost / Duration	Cost/Day
	155.00				1,103.14
UM / Duration	UM/Day	UM/Hour		Duration / UM	Days/UM
	0.20	0.02			5.00

Resource Code	Description	Quantity	Pay Hours	UM	Unit Cost	Total Cost	Unit and Total Costs by Category					
LPM	Project Manager	0.25	387.50	Each	80.58	31,225.53	79.08	0.00	0.00	1.50	0.00	0.00
							30,644.28	0.00	0.00	581.25	0.00	0.00
LPE	Project Engineer	0.25	387.50	Each	69.02	26,746.80	67.52	0.00	0.00	1.50	0.00	0.00
							26,165.55	0.00	0.00	581.25	0.00	0.00
LFE	Field Engineer	0.00	0.00	Each	46.31	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
LSUPER	Superintendent	0.50	775.00	Each	80.64	62,497.55	79.14	0.00	0.00	1.50	0.00	0.00
							61,335.05	0.00	0.00	1,162.50	0.00	0.00
LSM	Safety Manager	0.10	155.00	Each	87.95	13,632.93	87.95	0.00	0.00	0.00	0.00	0.00
							13,632.93	0.00	0.00	0.00	0.00	0.00
EP3500	Pickup 3500 (1 ton 4x4)	0.50	775.00	Each	23.53	18,235.75	0.00	23.53	0.00	0.00	0.00	0.00
							0.00	18,235.75	0.00	0.00	0.00	0.00
EPV	Passenger Vehicle	0.60	930.00	Each	20.05	18,647.83	0.00	20.05	0.00	0.00	0.00	0.00
							0.00	18,647.83	0.00	0.00	0.00	0.00

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	Subcontract	Fees
33.2	General Expense	Detail	1.00	LS	18,140.00	18,140.00	0.00	0.00	4,800.00	2,200.00	7,500.00	3,640.00
							0.00	0.00	4,800.00	2,200.00	7,500.00	3,640.00
Pay Item Assignment: 33 (General Conditions)												
Production:												
Duration		Days	Cost / Duration		Cost/Day							
		0.00			0.00							
UM / Duration		UM/Day	Duration / UM		Days/UM							
		0.00			0.00							
Resource Code	Description	Quantity	Pay Hours	UM	Unit Cost	Total Cost	Unit and Total Costs by Category					
J-John		2.00	Each		2,400.00	4,800.00	0.00	0.00	2,400.00	0.00	0.00	0.00
							0.00	0.00	4,800.00	0.00	0.00	0.00
Project Signage		4.00	Each		550.00	2,200.00	0.00	0.00	0.00	550.00	0.00	0.00
							0.00	0.00	0.00	2,200.00	0.00	0.00
Dust Permit 0.10-10 Acre Fee		1.00	Each		1,390.00	1,390.00	0.00	0.00	0.00	0.00	0.00	1,390.00
							0.00	0.00	0.00	0.00	0.00	1,390.00
NOI Fee		1.00	Each		2,250.00	2,250.00	0.00	0.00	0.00	0.00	0.00	2,250.00
							0.00	0.00	0.00	0.00	0.00	2,250.00
Quality Control/Testing		1.00	LS		7,500.00	7,500.00	0.00	0.00	0.00	0.00	7,500.00	0.00
							0.00	0.00	0.00	0.00	7,500.00	0.00
Grand Total					189,126.39	131,777.81	36,883.58	4,800.00	4,525.00	7,500.00	3,640.00	

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 2022 - PROJECT 2, WW2208.402** 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 2022 - PROJECT 2, WW2208.402** 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 2022 - PROJECT 2**

Project No.: **WW2208.402**

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 2022 - PROJECT 2**
Project No.: **WW2208.402**

(TO BE COMPLETED BY CONTRACTOR)

I HEREBY CERTIFY THAT ALL GOODS AND/OR SERVICES REQUIRED BY CITY OF CHANDLER PROJECT NO. **WW2208.402** HAVE BEEN DELIVERED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND BID SPECIFICATIONS AND ALL ACTIVITIES REQUIRED BY THE CONTRACTOR UNDER THE CONTRACT HAVE BEEN COMPLETED AS OF _____.

(Date)

FIRM NAME: _____

PRINCIPAL: _____

(Name)

(Signature)

(Title) DATE: _____

CERTIFIED BY ENGINEER/CONSULTANT (IF APPLICABLE):

(Signature) DATE: _____

(Firm Name)

PROJECT ACCEPTED BY USER DEPARTMENT

(Signature) DATE: _____

(Dept. /Div.)

_____ Date of Final Walk-Through

_____ Date As-Built Received

_____ City As-Built Number

EXHIBIT G

SUBCONTRACTOR DOCUMENTS WITH JOC CONTRACTOR

Any subcontractor assumptions, clarifications, exclusions, terms & conditions, signature blocks, etc. included are strictly between the JOC Contractor and their subcontractors, and do not apply to the Agreement between the JOC Contractor and the City.



J. P. C. I. SERVICES

Joseph Painting Company, Inc.
4702 E. Virginia Street Mesa AZ. 85215-9101
(480) 986-1212 • Fax (480) 380-4461
License No. ROC197873 AE AZ • ROC199485 AE AZ • ROC218119 A
ROC107144 L-34 AZ • 280286 C-33, 280286 A CA

PROPOSAL

TO: Andrew JL Durda
FPS
PHONE:
FAX:
DATE: June 8, 2023
CELL: 602-359-1658
RE: Chandler Manhole rehabilitation

We propose to complete the following work as described below;

Manhole rehabilitation with Sewer Shield products
ITEM # 1 : Rehab manholes per corresponding spread sheet.
Item # 1 Amount \$635,025.35

TOTAL PROPOSAL AMOUNT: **\$635,025.35**
plus applicable sales tax

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. All work orders need to give JPCI Services a minimum of two weeks notice before the start of the project.

Pricing for out of town contractors is fluctuating and is only good for 1 week. The cost of bonds, traffic control, bypass pumping, permit fees, manhole locating, excavation, asphalt patching, utility relocation and sales tax is excluded from the above proposal. Please do not hesitate to call should you need more information.

Sincerely,

Joe Nuciforo Jr.
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: _____
Job Superintendent: _____ Phone: _____
Estimated Start Date: _____ PO/Contract #: _____

Please notify Becky Durfee at (480)986-1212 if there is a change in the start date.

Compare and Award
FPS CIVIL LLC
Job Code: 4808 - Chandler JOC MH Repairs Project 2
Description:

Cost Items
(1 of 1)

Quote Description:			Plug		Detail		S Manhole sub			
Awarded Total:				0.00		0.00		635,025.35		
Quoted Items Total:				37,200.00		825,908.18		635,025.35		
Special Conditions:				0.00		0.00		0.00		
Quoted Total:				37,200.00		825,908.18		635,025.35		
Last Update:							8/15/2023 11:45:36 AM			
Comparable Total:				826,491.16		825,908.18		635,025.35		
Seller:						JPCI				
Minority Type:										
Buyer's Special Terms & Conditions:										
Seller's Special Terms & Conditions:										
Quote Group	Code	Description	Quantity	UM	Unit	Total	Unit	Total	Unit	Total
S Manhole sub	1.3	MH 756008896 (Insert)	1.00	LS	31,256.28	31,256.28	31,256.28	31,256.28	26,880.00	26,880.00
S Manhole sub	2.3	MH 756003367 (Bench)	1.00	LS	10,289.07	10,289.07	10,289.07	10,289.07	6,800.00	6,800.00
S Manhole sub	3.3	MH 756003368 (Bench)	1.00	LS	9,339.07	9,339.07	9,339.07	9,339.07	6,800.00	6,800.00
S Manhole sub	4.3	MH 756012792 (Insert)	1.00	LS	31,256.28	31,256.28	31,256.28	31,256.28	26,880.00	26,880.00
S Manhole sub	5.3	MH 756003895 (Rehab Manhole)	1.00	LS	14,266.28	14,266.28	14,266.28	14,266.28	16,674.55	16,674.55
S Manhole sub	5.4	MH 756010971 (Rehab Manhole)	1.00	LS	14,266.28	14,266.28	14,266.28	14,266.28	15,755.45	15,755.45
S Manhole sub	5.5	MH 756018653 (Rehab Manhole)	1.00	LS	14,266.28	14,266.28	14,266.28	14,266.28	17,899.80	17,899.80
S Manhole sub	6.3	MH 756010970 (Rehab Manhole)	1.00	LS	14,266.28	14,266.28	14,266.28	14,266.28	13,917.90	13,917.90
S Manhole sub	6.4	MH 756012970 (Rehab Manhole)	1.00	LS	14,266.28	14,266.28	14,266.28	14,266.28	14,734.95	14,734.95
S Manhole sub	7.3	MH 756009034 (Bench)	1.00	LS	9,339.07	9,339.07	9,339.07	9,339.07	6,800.00	6,800.00
S Manhole sub	7.4	MH 756014964 (Rehab Manhole)	1.00	LS	14,266.28	14,266.28	14,266.28	14,266.28	12,794.70	12,794.70
S Manhole sub	8.3	MH 756003894 (Rehab Manhole)	1.00	LS	14,266.28	14,266.28	14,266.28	14,266.28	12,080.35	12,080.35
S Manhole sub	9.3	MH 756012986 (Bench)	1.00	LS	9,339.07	9,339.07	9,339.07	9,339.07	6,800.00	6,800.00
S Manhole sub	10.3	MH 756003894 (Chimney and Bench Rehab)	1.00	LS	10,481.37	10,481.37	10,481.37	10,481.37	8,600.00	8,600.00
S Manhole sub	11.3	MH 756005336 (Chimney and Bench Rehab, PVC Point)	1.00	LS	12,205.67	12,205.67	12,205.67	12,205.67	15,100.00	15,100.00
S Manhole sub	11.4	MH 756011458 (Bench)	1.00	LS	9,339.07	9,339.07	9,339.07	9,339.07	6,800.00	6,800.00
S Manhole sub	11.5	MH 756018287 (Chimney and Bench Rehab)	1.00	LS	10,481.37	10,481.37	10,481.37	10,481.37	8,600.00	8,600.00
S Manhole sub	11.6	MH 756020482 (Chimney and Bench Rehab, PVC Point)	1.00	LS	12,205.67	12,205.67	12,205.67	12,205.67	15,100.00	15,100.00
S Manhole sub	12.3	MH 756007409 (Bench)	1.00	LS	9,339.07	9,339.07	9,339.07	9,339.07	6,800.00	6,800.00
S Manhole sub	12.4	MH 756015331 (Bench)	1.00	LS	9,339.07	9,339.07	9,339.07	9,339.07	6,800.00	6,800.00
S Manhole sub	13.3	MH 756011277 (Bench)	1.00	LS	9,339.07	9,339.07	9,339.07	9,339.07	6,800.00	6,800.00
S Manhole sub	14.3	MH 756004793 (Chimney and Bench Rehab)	1.00	LS	10,481.37	10,481.37	10,481.37	10,481.37	8,600.00	8,600.00
S Manhole sub	14.4	MH 756004799 (Chimney and Bench Rehab)	1.00	LS	10,481.37	10,481.37	10,481.37	10,481.37	8,600.00	8,600.00
S Manhole sub	15.3	MH 756004791 (Chimney and Bench Rehab)	1.00	LS	12,205.67	12,205.67	12,205.67	12,205.67	8,600.00	8,600.00
S Manhole sub	15.4	MH 756006117 (Bench)	1.00	LS	9,339.07	9,339.07	9,339.07	9,339.07	6,800.00	6,800.00
S Manhole sub	15.5	MH 756008033 (Rehab Manhole)	1.00	LS	14,266.28	14,266.28	14,266.28	14,266.28	13,407.65	13,407.65

S Manhole sub	16.3	MH 756004647 (Chimney and Bench Rehab)	1.00 LS	12,205.67	12,205.67	12,205.67	12,205.67		8,600.00	8,600.00
S Manhole sub	16.4	MH 756009340 (Chimney and Bench Rehab)	1.00 LS	12,205.67	12,205.67	12,205.67	12,205.67		8,600.00	8,600.00
S Manhole sub	16.5	MH 756009342 (Chimney and Bench Rehab)	1.00 LS	12,205.67	12,205.67	12,205.67	12,205.67		8,600.00	8,600.00
S Manhole sub	16.6	MH 756013267 (Chimney and Bench Rehab)	1.00 LS	12,205.67	12,205.67	12,205.67	12,205.67		8,600.00	8,600.00
S Manhole sub	16.7	MH 756004648 (Ring, Cover, & Collar Replacement)	1.00 LS	12,400.00	12,400.00	12,205.67	12,205.67		3,800.00	3,800.00
S Manhole sub	17.3	MH 756004648 (Chimney and Bench Rehab)	1.00 LS	12,205.67	12,205.67	12,205.67	12,205.67		8,600.00	8,600.00
S Manhole sub	18.3	MH 756004649 (Chimney and Bench Rehab)	1.00 LS	12,205.67	12,205.67	12,205.67	12,205.67		8,600.00	8,600.00
S Manhole sub	18.4	MH 756011237 (Chimney and Bench Rehab)	1.00 LS	12,205.67	12,205.67	12,205.67	12,205.67		8,600.00	8,600.00
S Manhole sub	18.5	MH 756011401 (Chimney and Bench Rehab)	1.00 LS	12,205.67	12,205.67	12,205.67	12,205.67		8,600.00	8,600.00
S Manhole sub	18.6	MH 756015284 (Chimney and Bench Rehab)	1.00 LS	12,205.67	12,205.67	12,205.67	12,205.67		8,600.00	8,600.00
S Manhole sub	19.3	MH 756004179 (Chimney and Bench Rehab)	1.00 LS	12,205.67	12,205.67	12,205.67	12,205.67		8,600.00	8,600.00
S Manhole sub	19.4	MH 756013099 (Chimney and Bench Rehab)	1.00 LS	12,205.67	12,205.67	12,205.67	12,205.67		8,600.00	8,600.00
S Manhole sub	20.3	MH 756000677 (Chimney and Bench Rehab)	1.00 LS	12,205.67	12,205.67	12,205.67	12,205.67		8,600.00	8,600.00
S Manhole sub	20.4	MH 756009164 (Chimney and Bench Rehab)	1.00 LS	12,205.67	12,205.67	12,205.67	12,205.67		8,600.00	8,600.00
S Manhole sub	21.3	MH 756007906 (Chimney and Bench Rehab)	1.00 LS	12,205.67	12,205.67	12,205.67	12,205.67		8,600.00	8,600.00
S Manhole sub	21.4	MH 756011827 (Chimney and Bench Rehab)	1.00 LS	12,205.67	12,205.67	12,205.67	12,205.67		8,600.00	8,600.00
S Manhole sub	21.5	MH 756007905 (Chimney and Bench Rehab)	1.00 LS	12,205.67	12,205.67	12,205.67	12,205.67		8,600.00	8,600.00
S Manhole sub	21.6	MH 756009864 (Chimney and Bench Rehab)	1.00 LS	12,205.67	12,205.67	12,205.67	12,205.67		8,600.00	8,600.00
S Manhole sub	21.7	MH 756011826 (Ring, Cover, & Collar Replacement)	1.00 LS	12,400.00	12,400.00	12,205.67	12,205.67		3,800.00	3,800.00
S Manhole sub	22.3	MH 756000633 (Chimney and Bench Rehab)	1.00 LS	12,205.67	12,205.67	12,205.67	12,205.67		8,600.00	8,600.00
S Manhole sub	23.3	MH 756005986 (Chimney and Bench Rehab)	1.00 LS	12,205.67	12,205.67	12,205.67	12,205.67		8,600.00	8,600.00
S Manhole sub	24.3	MH 756000631 (Chimney and Bench Rehab)	1.00 LS	12,205.67	12,205.67	12,205.67	12,205.67		8,600.00	8,600.00
S Manhole sub	24.4	MH 756000632 (Chimney and Bench Rehab)	1.00 LS	12,205.67	12,205.67	12,205.67	12,205.67		8,600.00	8,600.00
S Manhole sub	24.5	MH 756005985 (Chimney and Bench Rehab)	1.00 LS	12,205.67	12,205.67	12,205.67	12,205.67		8,600.00	8,600.00
S Manhole sub	25.3	MH 756007889 (Chimney and Bench Rehab)	1.00 LS	12,205.67	12,205.67	12,205.67	12,205.67		8,600.00	8,600.00
S Manhole sub	26.3	MH 756009854 (Chimney and Bench Rehab)	1.00 LS	12,205.67	12,205.67	12,205.67	12,205.67		8,600.00	8,600.00
S Manhole sub	26.4	MH 756011809 (Chimney and Bench Rehab)	1.00 LS	12,205.67	12,205.67	12,205.67	12,205.67		8,600.00	8,600.00
S Manhole sub	26.5	MH 756013817 (Chimney and Bench Rehab)	1.00 LS	12,205.67	12,205.67	12,205.67	12,205.67		8,600.00	8,600.00
S Manhole sub	27.3	MH 756009852 (Ring, Cover, & Collar Replacement)	1.00 LS	12,400.00	12,400.00	12,205.67	12,205.67		3,800.00	3,800.00
S Manhole sub	28.3	MH 756000629 (Chimney and Bench Rehab)	1.00 LS	12,205.67	12,205.67	12,205.67	12,205.67		8,600.00	8,600.00
S Manhole sub	28.4	MH 756000630 (Chimney and Bench Rehab)	1.00 LS	12,205.67	12,205.67	12,205.67	12,205.67		8,600.00	8,600.00

S Manhole sub	28.5	MH 756009853 (Chimney and Bench Rehab)	1.00 LS	12,205.67	12,205.67	12,205.67	12,205.67	 	8,600.00	8,600.00
S Manhole sub	28.6	MH 756013816 (Chimney and Bench Rehab)	1.00 LS	12,205.67	12,205.67	12,205.67	12,205.67	 	8,600.00	8,600.00
S Manhole sub	28.7	MH 756000626 (Chimney and Bench Rehab)	1.00 LS	12,205.67	12,205.67	12,205.67	12,205.67	 	8,600.00	8,600.00
S Manhole sub	29.3	MH 756005984 (Chimney and Bench Rehab)	1.00 LS	9,699.93	9,699.93	9,699.93	9,699.93	 	8,600.00	8,600.00
S Manhole sub	30.3	MH 756009851 (Chimney and Bench Rehab)	1.00 LS	12,205.67	12,205.67	12,205.67	12,205.67	 	8,600.00	8,600.00
S Manhole sub	31.3	MH 756000627 (Chimney and Bench Rehab)	1.00 LS	12,205.67	12,205.67	12,205.67	12,205.67	 	8,600.00	8,600.00
S Manhole sub	32.3	MH 756000628 (Chimney and Bench Rehab)	1.00 LS	12,205.67	12,205.67	12,205.67	12,205.67	 	8,600.00	8,600.00
S Manhole sub	32.4	MH 756009687 (Chimney and Bench Rehab)	1.00 LS	12,205.67	12,205.67	12,205.67	12,205.67	 	8,600.00	8,600.00
S Manhole sub	32.5	MH 756015602 (Chimney and Bench Rehab)	1.00 LS	12,205.67	12,205.67	12,205.67	12,205.67	 	8,600.00	8,600.00
Scope Item	Quote Group									