



CITY OF CHANDLER JOB ORDER PROJECT AGREEMENT

Project Name: **JACARANDA PARKWAY SEWER REHABILITATION**

Project No. **WW2005.402**

This JOB ORDER PROJECT AGREEMENT ("Job Order") is made this _____ day of _____ 2022 ("Effective Date"), by and between the City of Chandler, an Arizona municipal corporation, ("City") and **B&F Contracting, Inc.**, an Arizona corporation, ("JOC Contractor") and is entered into pursuant to Job Order Master Agreement No. JOC1903.401 ("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 March 11, 2020, the Parties entered into the JOC Master Agreement, which terms and conditions are made a part of and incorporated into this Job Order Project Agreement by this reference.
- B. City proposes to engage JOC Contractor to install pipe, including rehabilitation of manholes on Jacaranda Parkway 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 **JACARANDA PARKWAY SEWER REHABILITATION**, Project Number **WW2005.402**. The scope of work consists of installing pipe, including rehabilitation of manholes on Jacaranda Parkway, 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 **\$1,944,081.66** 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 **120** calendar days from the Notice to Proceed (NTP) Date.

ARTICLE 4. PARTICIPANTS

CITY:	Construction Project Manager: Paul Ahlas	
	Phone:	480-782-3328
	Email:	Paul.ahlas@chandleraz.gov
JOC CONTRACTOR:	B&F Contracting, Inc.	
	11011 N. 23 rd Ave.	
	Phoenix, AZ 85029	
	JOC Contractor Representative: Bruce Balls	
	Phone:	623-764-7585
	Email:	bruceb@bfcontracting.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: TMB

ATTEST:

City Clerk SEAL

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

"JOC CONTRACTOR"

B&F Contracting, Inc.:

 1/26/22
Signature Date

Bruce W. Balls

Print Name

CEO

Title

ATTEST: If Corporation


Secretary

ADDRESS FOR NOTICE

B&F Contracting, Inc.

11011 N. 23rd Ave.

Phoenix, AZ 85029

EXHIBIT A SCOPE OF WORK



EXHIBIT A

WW2005.402 JACARANDA PARKWAY SEWER REHABILITATION CONSTRUCTION SERVICES SCOPE OF WORK

Below are the items discussed as the "Construction scope" that are to be implemented upon executing an agreement. These items include but are not limited to the following,

1. Mobilization.
2. Pre-Clean & Video.
3. Suction & Discharge Manhole Access.
4. Bypass Pumping.
5. Prep existing PVC at manholes only.
6. Point repair of existing pipe.
7. 4353lf of 27" CIPP Lining.
8. 13ea Manhole bench repair & coating.
9. Post cleaning and Panoramic video.
10. R&R AC trench pavement.
11. Repair disturbed landscaping.
12. R&R 48sf of sidewalk.
13. R&R 20lf of curb & gutter.
14. Replace disturbed striping.
15. Traffic control.
16. Project Management.

**EXHIBIT B
FEE SCHEDULE**

EXHIBIT "B"**JOB ORDER COST PROPOSAL
SUMMARY SHEET**

Negotiated Prices		
Price of Subcontractor(s)	\$	1,173,543.98
Price of Subconsultant(s)	\$	-
General Conditions	\$	75,467.04
Preconstruction Labor (if applicable)	\$	-
Construction Labor (if applicable)	\$	281,366.21
SUBTOTAL (NEGOTIATED PRICES):		\$ 1,530,377.23
Overhead and Profit (Coefficient per Job Order Master Agreement)	8.00%	\$ 122,430.18
TOTAL (NEGOTIATED PRICES + OVERHEAD & PROFIT):		\$ 1,652,807.41
Insurance, Bonds, & Taxes		
Sales Tax Percentage (Current Tax Rate)	4.83%	\$ 79,830.60
General Liability Insurance Percentage (Actual Cost per Job Order)	1.00%	\$ 16,528.07
Builder's Risk Insurance Percentage (Actual Cost per Job Order)	0.10%	\$ 1,652.81
Payment Bond (Actual Cost per Job Order)	0.50%	\$ 8,264.04
Performance Bond (Actual Cost per Job Order)	0.50%	\$ 8,264.04
SUBTOTAL (INSURANCE, BONDS, & TAXES):		\$ 114,539.55
COMBINED TOTAL (TOTAL + INSURANCE, BONDS, & TAXES):		\$ 1,767,346.96
City's Allowance @ 10%		\$ 176,734.70
TOTAL JOB ORDER:		\$ 1,944,081.66

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.



Proposal

COST ONLY

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

Submitted to: City of Chandler
Mail Stop 407, P.O. Box 4008
Chandler, AZ 85244 USA

Bid Date: 12/21/2021
Bid Number: 4470.003

Project: WW2005.402 Jacaranda PKWY Sewer Rehab
Ocotillo Rd & Jacaranda Pkwy Construction
Chandler, AZ

Attention: Paul Ahlas Phone Number: 4807823310

Item #	Item Description	Estimated Quantity	Unit	Unit Price	Total Price
--------	------------------	--------------------	------	------------	-------------

MOBILIZATION

1	Mobilization	9.00	TRIP	\$2,452.73	\$22,074.57
Total Price for above MOBILIZATION Items:					<u>\$22,074.57</u>

GENERAL CONDITIONS

19	Project General Conditions	1.00	LS	\$75,467.19	\$75,467.19
Total Price for above GENERAL CONDITIONS Items:					<u>\$75,467.19</u>

BYPASS PUMPING

3	Suction Manhole R&R Cone (Ocotillo)	2.00	EACH	\$13,754.07	\$27,508.14
4	Discharge Manhole R&R Cone (Dobson)	1.00	EACH	\$17,656.17	\$17,656.17
5	Bypass Ocotillo	1.00	LS	\$152,562.24	\$152,562.24
6	Bypass Jacaranda	1.00	LS	\$231,289.50	\$231,289.50
18	Traffic Control	1.00	LS	\$32,889.16	\$32,889.16
Total Price for above BYPASS PUMPING Items:					<u>\$461,905.21</u>

CIPP LINING

7	Repair Manhole PVC "Flaps" For CIPP Lining	13.00	EACH	\$806.40	\$10,483.20
8	Open Benches For CIPP Lining	7.00	EACH	\$2,660.64	\$18,624.48
10	27" CIPP Lining	4,353.00	LF	\$159.38	\$693,781.14
Total Price for above CIPP LINING Items:					<u>\$722,888.82</u>

POINT REPAIR

9	Point Repair	1.00	EACH	\$43,324.28	\$43,324.28
Total Price for above POINT REPAIR Items:					<u>\$43,324.28</u>

MANHOLE REPAIRS

12	Manhole Bench Coating	13.00	EACH	\$6,426.49	\$83,544.37
Total Price for above MANHOLE REPAIRS Items:					<u>\$83,544.37</u>

PIPE CLEANING AND VIDEO

2	Pre-Clean & Video	4,353.00	LF	\$7.20	\$31,341.60
11	Post Clean And Video (Pano)	4,353.00	LF	\$6.71	\$29,208.63

Total Price for above PIPE CLEANING AND VIDEO Items: \$60,550.23

REMOVE AND REPLACE

13	Remove And Replace AC Pavement	505.00	SF	\$89.51	\$45,202.55
14	Remove And Replace Landscaping	1.00	LS	\$6,451.29	\$6,451.29
15	Remove And Replace Sidewalk	48.00	SF	\$66.79	\$3,205.92
16	Remove And Replace Curb	20.00	LF	\$163.14	\$3,262.80
17	Replace Striping	1.00	LS	\$2,500.00	\$2,500.00

Total Price for above REMOVE AND REPLACE Items: \$60,622.56

Total Bid Price: \$1,530,377.23

- Terms: Net 30 Days

- This proposal is based on the following information:

Plans: 100% - 9/22/21

Plans used were: Jacaranda Parkway Sewer Rehabilitation

Prepared by: Dibble

Addenda Received: No

- Exclusions:

*Odor Control Scrubbers or Chemical Injection

*Waste disposal generated thru pipe cleaning efforts

*Hazardous or toxic materials

*Section 02148 Item 3.03 D1. As a majority of the newly lined pipe is running on a radius or arc, wrinkles in the liner should be expected.

*Carbon end seals on pipe

- Inclusions:

*Testing of the bypass system to check for leaks. If any leaks are found they will be repaired, and the system tested again. Loading and unloading at the project site for the bypass pipe & pumps. Supply of HDPE Pipe & Fittings, Hoses and Pumps, Installation of sewer plugs as required for the bypass system. Overtime Rates for bypass pumps, Bypass pump periodic service and maintenance costs, Fittings, valves, spill berms, sewer plugs, and other misc. parts required for the bypass system, Bypass piping at 100% redundancy (2 or more pipes, same size or larger, shall be installed) Bypass pumps at 100% redundancy for 2 pump operation, Engineer Review and Stamp for bypass submittals Spill kits and full spill response plan.

*Water curing will be utilized

- We propose to furnish labor, equipment, and materials - complete in accordance with the plans and specifications supplied to us for the above mentioned project. All material is guaranteed to be as specified. All work will be completed in a workmanlike manner according to the standard practices. Any alternations or deviations from the above specifications involving extra costs, will be executed only upon written orders and will become an extra charge over the above proposed estimate.

CONFIRMED:

B&F Contracting, Inc. (Proposal)

Authorized Signature:

Estimator: Bret Thompson
623-271-2961 bthompson@bfcontracting.com

ACCEPTED:

The above prices, specifications and conditions are satisfactory and hereby accepted.

Buyer: _____

Signature: _____

Date of Acceptance: _____



EXHIBIT C

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 By Phase

Project Name:	WW2005.402 Jacaranda PKWY Sewer Rehab	Customer:	City of Chandler
Job Number:	4470.003	Bid Number:	4470.003
Bid As:	General Contractor	Billing Address:	Mail Stop 407, P.O. Box 4008 Chandler, AZ 85244 USA
Estimator:	Bret Thompson	Phone:	4807823310
Project Address:	Ocotillo Rd & Jacaranda Pkwy Construction, Chandler, AZ	Contact:	Paul Ahlas
Completion Date:	6/1/2022		

Pay Items

Description	Quantity	UM	Unit Direct Cost	Total Direct Cost
Phase: MOBILIZATION				
D 1 - Mobilization	9.00	TRIP	\$2,452.73	\$22,074.56
D GC-Mob/Demobilization	9.00	TRIP	\$830.51	\$7,474.56
GC-Mobilization - Forklift/backhoe/Water Truck (2.00 TRIP/DY, 4.00 DY)	8.00	TRIP	\$467.16	\$3,737.28
Transport Truck	32.00	HR	\$66.55	\$2,129.60
Transport Trailer - 48 FT	32.00	HR	\$14.13	\$452.16
Truck Driver	32.00	HR	\$36.11	\$1,155.52
GC-Mobilization - Trackhoe (1.00 TRIP/DY, 4.00 DY)	4.00	TRIP	\$934.32	\$3,737.28
Transport Truck	32.00	HR	\$66.55	\$2,129.60
Transport Trailer - 48 FT	32.00	HR	\$14.13	\$452.16
Truck Driver	32.00	HR	\$36.11	\$1,155.52
S Mobilization CIPP (Insituform Technologies, Inc.)	1.00	EACH	\$9,000.00	\$9,000.00
S Subcontracted-Mobilization Large Excavator (Stearns)	2.00	TRIP	\$2,800.00	\$5,600.00

Phase: GENERAL CONDITIONS

D 19 - Project General Conditions	1.00	LS	\$75,467.04	\$75,467.04
Q JI-Trash Dumpster/Dump Fees	2.00	EACH	\$350.00	\$700.00
Q JI-Construction Water	100,000.00	GAL	\$0.03	\$3,000.00
Q JI-Water Meter	2.00	EACH	\$750.00	\$1,500.00
P JI-Water & Ice	8.00	WK	\$50.00	\$400.00
Q JI-Portas/J-Johns	2.00	MO	\$500.00	\$1,000.00
D JI-Project Manager	21.00	DY	\$767.76	\$16,122.96
JI-Project Manager Crew (1.00 DY/DY, 21.00 DY)	21.00	DY	\$767.76	\$16,122.96
Truck - Management	168.00	HR	\$16.67	\$2,800.56
Project Manager	168.00	HR	\$79.30	\$13,322.40
D JI-Project Superintendent	42.00	DY	\$704.80	\$29,601.60
JI-Project Superintendent Crew (8.00 HR/DY, 42.00 DY)	336.00	HR	\$88.10	\$29,601.60
Truck - Management	336.00	HR	\$16.67	\$5,601.12
Project Superintendent	336.00	HR	\$71.43	\$24,000.48

Description	Quantity	UM	Unit Direct Cost	Total Direct Cost
(Item 19 - Project General Conditions continued)				
 JI-Project Engineer	21.00	DY	\$634.88	\$13,332.48
 JI-Project Engineer Crew (8.00 HR/DY, 21.00 DY)	168.00	HR	\$79.36	\$13,332.48
 Truck - Management	168.00	HR	\$16.67	\$2,800.56
 Project Engineer	168.00	HR	\$62.69	\$10,531.92
 JI-Field Communication	1.00	LS	\$400.00	\$400.00
 JI-Small Tools & Supplies (3136 MH X \$1.5 MH For Safety Supplies And \$1.5MH For Small Tools And Supplies)	1.00	LS	\$9,410.00	\$9,410.00

Phase: BYPASS PUMPING

 3 - Suction Manhole R&R Cone (Ocotillo)	2.00	EACH	\$13,754.04	\$27,508.08
 RH-Excavation & Backfill Suction Manholes	2.00	EACH	\$9,928.76	\$19,857.52
 RH-Excavation & Backfill Suction Pit Crew (0.50 EACH/DY, 4.00 DY)	2.00	EACH	\$6,282.40	\$12,564.80
 Truck - Crew	32.00	HR	\$26.45	\$846.40
 Dump Truck - 10 Wheel	32.00	HR	\$62.67	\$2,005.44
 Water Truck - 2000 Gal	32.00	HR	\$33.73	\$1,079.36
 Excavator - 20k LB	32.00	HR	\$63.10	\$2,019.20
 Foreman	32.00	HR	\$51.86	\$1,659.52
 Leadman	32.00	HR	\$30.91	\$989.12
 Operator: Large Equipment	32.00	HR	\$38.27	\$1,224.64
 Laborer	32.00	HR	\$26.20	\$838.40
 Truck Driver	32.00	HR	\$29.73	\$951.36
 Water Truck Driver	32.00	HR	\$29.73	\$951.36
 Ready Mix - Slurry ABC Slurry 1/2 Sack	6.00	YARD	\$115.00	\$690.00
 Aggregate - ABC MAG Spec	2.00	TON	\$14.50	\$29.00
 Shoring [2]	8.00	DY	\$95.00	\$1,520.00
 Plates [4]	8.00	DY	\$6.00	\$192.00
 CP-Sawcutting	100.00	LF	\$5.84	\$584.08
 CP-Sawcutting Crew (200.00 LF/DY, 0.50 DY)	100.00	LF	\$5.84	\$584.08
 Truck - Crew	4.00	HR	\$30.95	\$123.80
 Walk Behind Saw - 57 HP	4.00	HR	\$40.47	\$161.88
 Operator: Small Equipment [2]	4.00	HR	\$37.30	\$298.40
 CP-Asphalt Patchback	16.00	SY	\$257.98	\$4,127.64
 CP-Asphalt Replace Crew (16.00 SY/DY, 1.00 DY)	16.00	SY	\$220.79	\$3,532.64
 Truck - Crew	8.00	HR	\$30.95	\$247.60
 Asphalt Roller - 35in-50in	8.00	HR	\$33.11	\$264.88
 Backhoe - Light	8.00	HR	\$43.71	\$349.68
 Skid Steer	8.00	HR	\$33.03	\$264.24
 Dump Truck - 6 Wheel (Bobtail)	8.00	HR	\$41.21	\$329.68
 Foreman	8.00	HR	\$53.44	\$427.52
 Operator: Small Equipment [2]	8.00	HR	\$37.30	\$596.80
 Pipelayer	8.00	HR	\$35.14	\$281.12
 Laborer [3]	8.00	HR	\$32.13	\$771.12
 Asphalt - Asphalt	7.00	TON	\$85.00	\$595.00
 Dump Fee	1.00	LOAD	\$150.00	\$150.00
 RH-Remove & Replace Manhole Cone	2.00	EACH	\$3,825.28	\$7,650.56
 RH-Cone Removal & Replace	2.00	EACH	\$1,173.32	\$2,346.64
 RH-Cone Removal Crew (2.00 EACH/DY, 1.00 DY)	2.00	EACH	\$1,123.32	\$2,246.64

Description		Quantity	UM	Unit Direct Cost	Total Direct Cost
(Item 3 - Suction Manhole R&R Cone (Ocotillo) continued)					
 Truck - Crew		8.00	HR	\$30.95	\$247.60
 Excavator - 20k LB		8.00	HR	\$63.10	\$504.80
 Air Compressor - 185CFM		8.00	HR	\$22.20	\$177.60
 Jack Hammer - 90 Lb.		8.00	HR	\$7.00	\$56.00
 Foreman		8.00	HR	\$53.44	\$427.52
 Operator: Large Equipment		8.00	HR	\$39.88	\$319.04
 Laborer [2]		8.00	HR	\$32.13	\$514.08
 Manhole - Concrete Collar		2.00	EACH	\$50.00	\$100.00
 RH-Manhole Frame & Cover Adjustment		2.00	EACH	\$1,151.96	\$2,303.92
 RH-Frame & Cover Adjustment Crew (2.00 EACH/DY, 1.00 DY)		2.00	EACH	\$851.96	\$1,703.92
 Truck - Crew		8.00	HR	\$30.95	\$247.60
 Air Compressor - 185CFM		8.00	HR	\$22.20	\$177.60
 Jack Hammer - 90 Lb.		8.00	HR	\$7.00	\$56.00
 Foreman		8.00	HR	\$53.44	\$427.52
 Pipelayer		8.00	HR	\$35.14	\$281.12
 Laborer [2]		8.00	HR	\$32.13	\$514.08
 Ready Mix Concrete - MAG AA 4000		4.00	YARD	\$150.00	\$600.00
 Subcontracted-Manhole Coating Repair (Joseph Painting Company Inc)		2.00	EACH	\$1,500.00	\$3,000.00
D 4 - Discharge Manhole R&R Cone (Dobson)					
 RH-Excavation & Backfill Suction Manholes		1.00	EACH	\$13,880.85	\$13,880.85
 RH-Excavation & Backfill Suction Pit Crew (0.50 EACH/DY, 2.00 DY)		1.00	EACH	\$6,282.40	\$6,282.40
 Truck - Crew		16.00	HR	\$26.45	\$423.20
 Dump Truck - 10 Wheel		16.00	HR	\$62.67	\$1,002.72
 Water Truck - 2000 Gal		16.00	HR	\$33.73	\$539.68
 Excavator - 20k LB		16.00	HR	\$63.10	\$1,009.60
 Foreman		16.00	HR	\$51.86	\$829.76
 Leadman		16.00	HR	\$30.91	\$494.56
 Operator: Large Equipment		16.00	HR	\$38.27	\$612.32
 Laborer		16.00	HR	\$26.20	\$419.20
 Truck Driver		16.00	HR	\$29.73	\$475.68
 Water Truck Driver		16.00	HR	\$29.73	\$475.68
 Ready Mix - Slurry ABC Slurry 1/2 Sack		3.00	YARD	\$115.00	\$345.00
 Aggregate - ABC MAG Spec		1.00	TON	\$14.50	\$14.50
 Shoring		42.00	DY	\$95.00	\$3,990.00
 Plates [2]		42.00	DY	\$6.00	\$504.00
 CP-Sawcutting		40.00	LF	\$5.84	\$233.63
 CP-Sawcutting Crew (200.00 LF/DY, 0.20 DY)		40.00	LF	\$5.84	\$233.63
 Truck - Crew		1.60	HR	\$30.95	\$49.52
 Walk Behind Saw - 57 HP		1.60	HR	\$40.47	\$64.75
 Operator: Small Equipment [2]		1.60	HR	\$37.30	\$119.36
 CP-Asphalt Patchback		8.00	SY	\$295.17	\$2,361.32
 CP-Asphalt Replace Crew (16.00 SY/DY, 0.50 DY)		8.00	SY	\$220.79	\$1,766.32
 Truck - Crew		4.00	HR	\$30.95	\$123.80
 Asphalt Roller - 35in-50in		4.00	HR	\$33.11	\$132.44

Description	Quantity	UM	Unit Direct Cost	Total Direct Cost
(Item 4 - Discharge Manhole R&R Cone (Dobson) continued)				
 Backhoe - Light	4.00	HR	\$43.71	\$174.84
 Skid Steer	4.00	HR	\$33.03	\$132.12
 Dump Truck - 6 Wheel (Bobtail)	4.00	HR	\$41.21	\$164.84
 Foreman	4.00	HR	\$53.44	\$213.76
 Operator: Small Equipment [2]	4.00	HR	\$37.30	\$298.40
 Pipelayer	4.00	HR	\$35.14	\$140.56
 Laborer [3]	4.00	HR	\$32.13	\$385.56
 Asphalt - Asphalt	7.00	TON	\$85.00	\$595.00
 Dump Fee	1.00	LOAD	\$150.00	\$150.00
D RH-Remove & Replace Manhole Cone	1.00	EACH	\$3,775.28	\$3,775.28
D RH-Cone Removal & Replace	1.00	EACH	\$1,173.32	\$1,173.32
 RH-Cone Removal Crew (2.00 EACH/DY, 0.50 DY)	1.00	EACH	\$1,123.32	\$1,123.32
 Truck - Crew	4.00	HR	\$30.95	\$123.80
 Excavator - 20k LB	4.00	HR	\$63.10	\$252.40
 Air Compressor - 185CFM	4.00	HR	\$22.20	\$88.80
 Jack Hammer - 90 Lb.	4.00	HR	\$7.00	\$28.00
 Foreman	4.00	HR	\$53.44	\$213.76
 Operator: Large Equipment	4.00	HR	\$39.88	\$159.52
 Laborer [2]	4.00	HR	\$32.13	\$257.04
 Manhole - Concrete Collar	1.00	EACH	\$50.00	\$50.00
D RH-Manhole Frame & Cover Adjustment	1.00	EACH	\$1,101.96	\$1,101.96
 RH-Frame & Cover Adjustment Crew (2.00 EACH/DY, 0.50 DY)	1.00	EACH	\$851.96	\$851.96
 Truck - Crew	4.00	HR	\$30.95	\$123.80
 Air Compressor - 185CFM	4.00	HR	\$22.20	\$88.80
 Jack Hammer - 90 Lb.	4.00	HR	\$7.00	\$28.00
 Foreman	4.00	HR	\$53.44	\$213.76
 Pipelayer	4.00	HR	\$35.14	\$140.56
 Laborer [2]	4.00	HR	\$32.13	\$257.04
 Ready Mix Concrete - MAG AA 4000	2.00	YARD	\$125.00	\$250.00
S Subcontracted-Manhole Coating Repair (Joseph Painting Company Inc)	1.00	EACH	\$1,500.00	\$1,500.00
D 5 - Bypass Ocotillo	1.00	LS	\$152,561.94	\$152,561.94
S Subcontracted-Bypass Pumping (B&F Pumping Solutions)	1.00	LS	\$152,561.94	\$152,561.94
D 6 - Bypass Jacaranda	1.00	LS	\$231,289.04	\$231,289.04
S Subcontracted-Bypass Pumping (B&F Pumping Solutions)	1.00	LS	\$231,289.04	\$231,289.04
D 18 - Traffic Control	1.00	LS	\$32,889.10	\$32,889.10
D Traffic Control - Jacaranda	1.00	LS	\$24,863.30	\$24,863.30
 GC-Traffic Control Support Crew (0.03 LS/DY, 35.00 DY)	1.00	LS	\$11,325.30	\$11,325.30
 Truck - Crew	70.00	HR	\$28.95	\$2,026.50
 Foreman	70.00	HR	\$48.44	\$3,390.80
 Pipelayer	70.00	HR	\$30.14	\$2,109.80
 Laborer [2]	70.00	HR	\$27.13	\$3,798.20
 Barricades	40.00	DY	\$207.00	\$8,280.00
S Barricade Setup	1.00	LS	\$5,118.00	\$5,118.00
S Traffic Control Plan	4.00	EACH	\$35.00	\$140.00

Description	Quantity	UM	Unit Direct Cost	Total Direct Cost
(Item 18 - Traffic Control continued)				
 Traffic Control - Ocotillo	1.00	LS	\$8,025.80	\$8,025.80
 GC-Traffic Control Support Crew (0.10 LS/DY, 10.00 DY)	1.00	LS	\$3,235.80	\$3,235.80
 Truck - Crew	20.00	HR	\$28.95	\$579.00
 Foreman	20.00	HR	\$48.44	\$968.80
 Pipelayer	20.00	HR	\$30.14	\$602.80
 Laborer [2]	20.00	HR	\$27.13	\$1,085.20
 Barricades	10.00	DY	\$180.00	\$1,800.00
 Barricade Setup (Aguilar Traffic)	1.00	LS	\$2,890.00	\$2,890.00
 Traffic Control Plan (Aguilar Traffic)	2.00	EACH	\$50.00	\$100.00

Phase: CIPP LINING

D 7 - Repair Manhole PVC "Flaps" For CIPP Lining	13.00	EACH	\$806.40	\$10,483.20
 GC-Confined Space Pipe Cleaning	13.00	EACH	\$806.40	\$10,483.20
 RH-Confined Space Cleaning Crew (2.17 EACH/DY, 6.00 DY)	13.00	EACH	\$806.40	\$10,483.20
 Truck - Crew	48.00	HR	\$30.95	\$1,485.60
 Blower 24in - Trailer Mounted	48.00	HR	\$37.00	\$1,776.00
 Confined Space Equipment	6.00	DY	\$102.00	\$612.00
 Small Tools - Saws, Cutters, Grinders [2]	48.00	HR	\$10.00	\$960.00
 Foreman	48.00	HR	\$53.44	\$2,565.12
 Laborer [2]	48.00	HR	\$32.13	\$3,084.48
D 8 - Open Benches For CIPP Lining	7.00	EACH	\$2,660.63	\$18,624.41
 Bench Cut Out	7.00	EACH	\$2,660.63	\$18,624.41
 RH-Confined Space Cleaning Crew (1.00 EACH/DY, 7.00 DY)	7.00	EACH	\$2,660.63	\$18,624.41
 Truck - Crew	56.00	HR	\$30.95	\$1,733.20
 Blower 24in - Trailer Mounted	56.00	HR	\$37.00	\$2,072.00
 Confined Space Equipment	7.00	DY	\$102.00	\$714.00
 Small Tools - Saws, Cutters, Grinders [2]	56.00	HR	\$10.00	\$1,120.00
 Air Compressor - 185CFM	56.00	HR	\$19.92	\$1,115.52
 Jack Hammer - 90 Lb.	56.00	HR	\$10.00	\$560.00
 Foreman	70.00	HR	\$57.28	\$4,009.88
 Laborer [2]	70.00	HR	\$33.84	\$4,738.02
 Pipelayer	70.00	HR	\$36.60	\$2,561.79
D 10 - 27" CIPP Lining	4,353.00	LF	\$159.38	\$693,772.24
 CIPP Lining Support	28.00	DY	\$836.08	\$23,410.24
 RH-CIPP Lining Support Crew (1.00 DY/DY, 28.00 DY)	28.00	DY	\$836.08	\$23,410.24
 Truck - Crew	224.00	HR	\$26.45	\$5,924.80
 Foreman	224.00	HR	\$51.86	\$11,616.64
 Laborer	224.00	HR	\$26.20	\$5,868.80
 Subcontracted- CIPP Lining (Insituform Technologies, Inc.)	4,353.00	LF	\$154.00	\$670,362.00

Phase: POINT REPAIR

D 9 - Point Repair	1.00	EACH	\$43,324.20	\$43,324.20
 RH-Excavation & Backfill	1.00	EACH	\$38,038.76	\$38,038.76
 RH-Excavation & Backfill Suction Pit Crew (0.33 EACH/DY, 3.00 DY)	1.00	EACH	\$19,691.76	\$19,691.76
 Truck - Crew	24.00	HR	\$26.45	\$634.80
 Excavator - 100k LB	24.00	HR	\$224.68	\$5,392.32

Description		Quantity	UM	Unit Direct Cost	Total Direct Cost
(Item 9 - Point Repair continued)					
 Backhoe - Heavy		24.00	HR	\$76.73	\$1,841.52
 Telescoping Forklift - 10k LB		24.00	HR	\$63.86	\$1,532.64
 Dump Truck - 10 Wheel [2]		24.00	HR	\$62.67	\$3,008.16
 Water Truck - 2000 Gal		24.00	HR	\$33.73	\$809.52
 Foreman		24.00	HR	\$51.86	\$1,244.64
 Leadman		24.00	HR	\$30.91	\$741.84
 Operator: Large Equipment		24.00	HR	\$38.27	\$918.48
 Laborer		24.00	HR	\$26.20	\$628.80
 Truck Driver [2]		24.00	HR	\$29.73	\$1,427.04
 Water Truck Driver		24.00	HR	\$29.73	\$713.52
 Operator: Small Equipment		24.00	HR	\$33.27	\$798.48
 Ready Mix - Slurry ABC Slurry 1/2 Sack		21.00	YARD	\$115.00	\$2,415.00
 Aggregate - ABC MAG Spec		132.00	TON	\$14.50	\$1,914.00
 Shoring [4]		5.00	DY	\$125.00	\$2,500.00
 CP-Sawcutting		80.00	LF	\$5.84	\$467.26
 CP-Sawcutting Crew (200.00 LF/DY, 0.40 DY)		80.00	LF	\$5.84	\$467.26
 Truck - Crew		3.20	HR	\$30.95	\$99.04
 Walk Behind Saw - 57 HP		3.20	HR	\$40.47	\$129.50
 Operator: Small Equipment [2]		3.20	HR	\$37.30	\$238.72
 CP-Asphalt Patchback		34.00	SY	\$280.90	\$9,550.73
 CP-Asphalt Replace Crew (16.75 SY/DY, 2.03 DY)		34.00	SY	\$210.90	\$7,170.73
 Truck - Crew		16.24	HR	\$30.95	\$502.59
 Asphalt Roller - 35in-50in		16.24	HR	\$33.11	\$537.67
 Backhoe - Light		16.24	HR	\$43.71	\$709.80
 Skid Steer		16.24	HR	\$33.03	\$536.37
 Dump Truck - 6 Wheel (Bobtail)		16.24	HR	\$41.21	\$669.20
 Foreman		16.24	HR	\$53.44	\$867.80
 Operator: Small Equipment [2]		16.24	HR	\$37.30	\$1,211.41
 Pipelayer		16.24	HR	\$35.14	\$570.63
 Laborer [3]		16.24	HR	\$32.13	\$1,565.26
 Asphalt - Asphalt		28.00	TON	\$85.00	\$2,380.00
 Dump Fee		10.00	LOAD	\$150.00	\$1,500.00
 RH-Remove & Replace Pipe Section		1.00	EACH	\$5,285.44	\$5,285.44
 RH-Pipe Removal & Replace		1.00	EACH	\$5,285.44	\$5,285.44
 RH-Removal Crew (1.00 EACH/DY, 1.00 DY)		1.00	EACH	\$3,805.44	\$3,805.44
 Truck - Crew		8.00	HR	\$30.95	\$247.60
 Excavator - 100k LB		8.00	HR	\$224.68	\$1,797.44
 Air Compressor - 185CFM		8.00	HR	\$22.20	\$177.60
 Jack Hammer - 90 Lb.		8.00	HR	\$7.00	\$56.00
 Foreman		8.00	HR	\$53.44	\$427.52
 Operator: Large Equipment		8.00	HR	\$39.88	\$319.04
 Laborer [2]		8.00	HR	\$32.13	\$514.08
 Pipelayer		8.00	HR	\$33.27	\$266.16
 Ready Mix Collar - MAG A 3000		8.00	YARD	\$125.00	\$1,000.00
 Pipe - RGRCP Pipe Class V 27in		8.00	LF	\$60.00	\$480.00

Phase: MANHOLE REPAIRS

Description	Quantity	UM	Unit Direct Cost	Total Direct Cost
D 12 - Manhole Bench Coating	13.00	EACH	\$6,426.48	\$83,544.24
D RH-Manhole Bench Coating	13.00	EACH	\$6,426.48	\$83,544.24
RH-Manhole Bench Coating Support Crew (1.00 EACH/DY, 13.00 DY)	13.00	EACH	\$626.48	\$8,144.24
Truck - Crew	104.00	HR	\$26.45	\$2,750.80
Foreman	104.00	HR	\$51.86	\$5,393.44
S Subcontracted-Manhole Bench Coating (Joseph Painting Company Inc)	13.00	EACH	\$5,800.00	\$75,400.00

Phase: PIPE CLEANING AND VIDEO

D 2 - Pre-Clean & Video	4,353.00	LF	\$7.20	\$31,339.80
D Pre-Video CCTV	4,353.00	LF	\$4.37	\$19,008.00
GC-CCTV Crew (725.50 LF/DY, 6.00 DY)	4,353.00	LF	\$1.55	\$6,727.68
CCTV Truck	48.00	HR	\$85.00	\$4,080.00
CCTV Technician	60.00	HR	\$44.13	\$2,647.68
GC-Hydro Vactor Combo Truck Crew (725.50 LF/DY, 6.00 DY)	4,353.00	LF	\$2.82	\$12,280.32
Combo Truck	48.00	HR	\$187.00	\$8,976.00
Combo Truck Operator	72.00	HR	\$45.89	\$3,304.32
D GC-Confined Space Pipe Cleaning	4,353.00	LF	\$2.83	\$12,331.80
RH-Confined Space Support Crew (725.50 LF/DY, 6.00 DY)	4,353.00	LF	\$2.83	\$12,331.80
Truck - Crew	48.00	HR	\$30.95	\$1,485.60
Blower 24in - Trailer Mounted	48.00	HR	\$37.00	\$1,776.00
Confined Space Equipment	6.00	DY	\$102.00	\$612.00
Small Tools - Saws, Cutters, Grinders [2]	48.00	HR	\$10.00	\$960.00
Foreman	60.00	HR	\$57.28	\$3,437.04
Laborer [2]	60.00	HR	\$33.84	\$4,061.16
D 11 - Post Clean And Video (Pano)	4,353.00	LF	\$6.71	\$29,224.00
D Panorama CCTV	4,353.00	LF	\$6.12	\$26,624.00
Pano CCTV Crew (544.13 LF/DY, 8.00 DY)	4,353.00	LF	\$2.35	\$10,250.24
Pano Truck	64.00	HR	\$105.00	\$6,720.00
CCTV Technician	80.00	HR	\$44.13	\$3,530.24
GC-Hydro Vactor Combo Truck Crew (544.13 LF/DY, 8.00 DY)	4,353.00	LF	\$3.76	\$16,373.76
Combo Truck	64.00	HR	\$187.00	\$11,968.00
Combo Truck Operator	96.00	HR	\$45.89	\$4,405.76
S Post Pano On MH	13.00	EACH	\$200.00	\$2,600.00

Phase: REMOVE AND REPLACE

D 13 - Remove And Replace AC Pavement	505.00	SF	\$89.51	\$45,200.84
D RH-Bypass Pipe Trench	253.00	LF	\$154.30	\$39,037.84
D CP-Sawcutting	550.00	LF	\$2.92	\$1,606.22
CP-Sawcutting Crew (400.00 LF/DY, 1.38 DY)	550.00	LF	\$2.92	\$1,606.22
Truck - Crew	11.00	HR	\$30.95	\$340.45
Walk Behind Saw - 57 HP	11.00	HR	\$40.47	\$445.17
Operator: Small Equipment [2]	11.00	HR	\$37.30	\$820.60
D RH-Bypass Pipe Trench	253.00	LF	\$76.93	\$19,464.50
RH-Bypass Pipe Trench Crew (80.00 LF/DY, 3.16 DY)	253.00	LF	\$69.83	\$17,667.50
Truck - Crew [2]	25.30	HR	\$30.95	\$1,566.07
Backhoe - Light [2]	25.30	HR	\$43.71	\$2,211.73
Air Compressor - 185CFM	25.30	HR	\$22.20	\$561.66

Description	Quantity	UM	Unit Direct Cost	Total Direct Cost
(Item 13 - Remove And Replace AC Pavement continued)				
 Jack Hammer - 90 Lb.	25.30	HR	\$7.00	\$177.10
 Dump Truck - 10 Wheel [2]	25.30	HR	\$67.55	\$3,418.03
 Water Truck - 2000 Gal	25.30	HR	\$40.19	\$1,016.81
 Small Tools	25.30	HR	\$10.00	\$253.00
 Foreman	25.30	HR	\$53.44	\$1,352.03
 Operator: Large Equipment [2]	25.30	HR	\$39.88	\$2,017.93
 Laborer [3]	25.30	HR	\$32.13	\$2,438.67
 Truck Driver [2]	25.30	HR	\$36.11	\$1,827.17
 Water Truck Driver	25.30	HR	\$32.70	\$827.31
 Skid Steer with Cold Planer	20.00	HR	\$59.85	\$1,197.00
 Subcontracted-Trucking & Hauloff	4.00	TRIP	\$150.00	\$600.00
 RH-Slurry Prep Crew	253.00	LF	\$9.70	\$2,454.91
 RH-Slurry Prep Crew (200.00 LF/DY, 1.27 DY)	253.00	LF	\$9.70	\$2,454.91
 Truck - Crew	10.12	HR	\$30.95	\$313.21
 Backhoe - Light	10.12	HR	\$43.71	\$442.35
 Flatbed Trailer	10.12	HR	\$7.33	\$74.18
 Foreman	10.12	HR	\$53.44	\$540.81
 Operator: Large Equipment	10.12	HR	\$39.88	\$403.59
 Pipelayer	10.12	HR	\$35.14	\$355.62
 Laborer	10.12	HR	\$32.13	\$325.16
 RH-Slurry Backfill	253.00	LF	\$31.27	\$7,912.22
 RH-Slurry Backfill Crew (200.00 LF/DY, 1.27 DY)	253.00	LF	\$9.14	\$2,312.22
 Truck - Crew	10.12	HR	\$30.95	\$313.21
 Foreman	10.12	HR	\$53.44	\$540.81
 Pipelayer	10.12	HR	\$35.14	\$355.62
 Laborer	10.12	HR	\$32.13	\$325.16
 Backhoe - Light	10.12	HR	\$43.71	\$442.35
 Asphalt Roller - 35in-50in	10.12	HR	\$33.11	\$335.07
 Ready Mix - Slurry ABC Slurry 1/2 Sack	40.00	YARD	\$105.00	\$4,200.00
 Asphalt - Cold Patch TN	10.00	TON	\$140.00	\$1,400.00
 Plates [20]	28.00	DY	\$10.00	\$5,600.00
 GC-Plate Delivery & Return	4.00	TRIP	\$500.00	\$2,000.00
 Subcontracted-Asphalt Paving (Calvary Paving)	67.00	SY	\$69.00	\$4,623.00
 Aggregate - ABC MAG Spec	70.00	TON	\$14.50	\$1,015.00
 Miscellaneous-Dump Fees	7.00	LOAD	\$75.00	\$525.00
D 14 - Remove And Replace Landscaping	1.00	LS	\$6,451.28	\$6,451.28
 GC-Landscaping (LS)	1.00	LS	\$6,451.28	\$6,451.28
 GC-Landscaping Crew (LS) (0.33 LS/DY, 3.00 DY)	1.00	LS	\$5,801.28	\$5,801.28
 Truck - Crew	24.00	HR	\$26.45	\$634.80
 Skip Loader - 1.3 CY	24.00	HR	\$40.48	\$971.52
 Water Truck - 2000 Gal	24.00	HR	\$33.73	\$809.52
 Foreman	24.00	HR	\$51.86	\$1,244.64
 Operator: Small Equipment	24.00	HR	\$33.27	\$798.48
 Laborer	24.00	HR	\$26.20	\$628.80
 Water Truck Driver	24.00	HR	\$29.73	\$713.52
 Sod - Midiron	100.00	SF	\$6.50	\$650.00

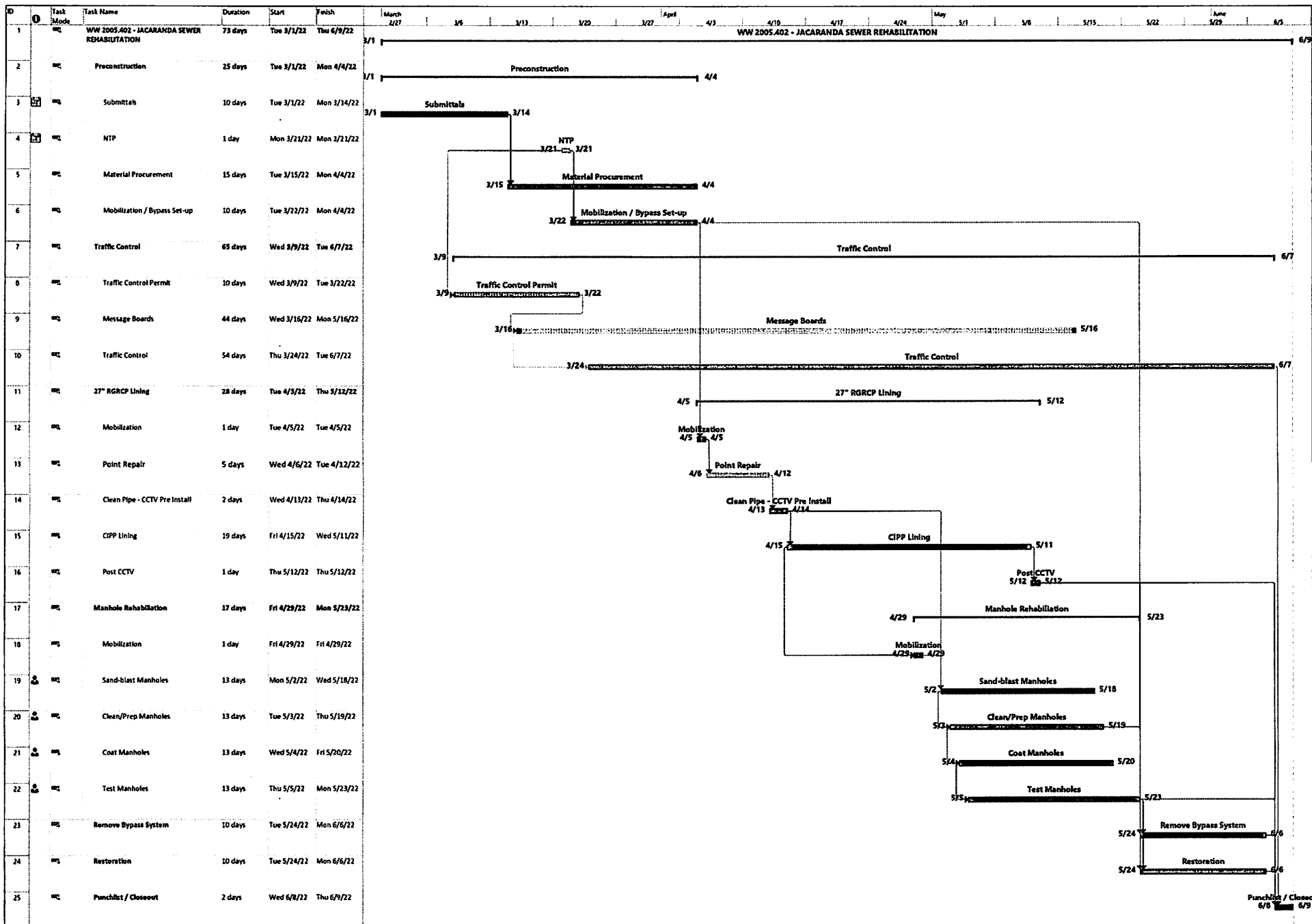
Description		Quantity	UM	Unit Direct Cost	Total Direct Cost
D	15 - Remove And Replace Sidewalk	48.00	SF	\$66.79	\$3,205.90
D	CP-Restore Concrete Sidewalk, Driveways & Valley Gutter	48.00	SF	\$66.50	\$3,191.98
	CP-Concrete Sidewalk Removal Crew (192.00 SF/DY, 0.25 DY)	48.00	SF	\$14.52	\$696.98
	Truck - Crew	2.00	HR	\$30.95	\$61.90
	Backhoe - Light	2.00	HR	\$43.71	\$87.42
	Air Compressor - 185CFM	2.00	HR	\$22.20	\$44.40
	Jack Hammer - 90 Lb.	2.00	HR	\$7.00	\$14.00
	Dump Truck - 6 Wheel (Bobtail)	2.00	HR	\$41.21	\$82.42
	Water Trailer - 500 Gal	2.00	HR	\$11.74	\$23.48
	Foreman	2.00	HR	\$53.44	\$106.88
	Operator: Small Equipment	2.00	HR	\$37.30	\$74.60
	Laborer	2.00	HR	\$32.13	\$64.26
	Water Truck Driver	2.00	HR	\$32.70	\$65.40
	Truck Driver	2.00	HR	\$36.11	\$72.22
	Subcontracted-Concrete Flatwork	48.00	SF	\$25.00	\$1,200.00
	Subcontractor - Mobilization	1.00	EACH	\$1,250.00	\$1,250.00
	Dump Fee	1.00	LOAD	\$45.00	\$45.00
	Aggregate - ABC MAG Spec	1.00	TON	\$13.92	\$13.92
D	16 - Remove And Replace Curb	20.00	LF	\$163.14	\$3,262.88
D	CP-Concrete Curb & Gutter	20.00	LF	\$162.45	\$3,248.96
	CP-Concrete Curb & Gutter Removal Crew (40.00 LF/DY, 0.50 DY)	20.00	LF	\$69.70	\$1,393.96
	Truck - Crew	4.00	HR	\$30.95	\$123.80
	Backhoe - Light	4.00	HR	\$43.71	\$174.84
	Air Compressor - 185CFM	4.00	HR	\$22.20	\$88.80
	Jack Hammer - 90 Lb.	4.00	HR	\$7.00	\$28.00
	Dump Truck - 6 Wheel (Bobtail)	4.00	HR	\$41.21	\$164.84
	Water Trailer - 500 Gal	4.00	HR	\$11.74	\$46.96
	Foreman	4.00	HR	\$53.44	\$213.76
	Operator: Small Equipment	4.00	HR	\$37.30	\$149.20
	Laborer	4.00	HR	\$32.13	\$128.52
	Water Truck Driver	4.00	HR	\$32.70	\$130.80
	Truck Driver	4.00	HR	\$36.11	\$144.44
	Subcontracted-Concrete Curb & Gutter	20.00	LF	\$28.00	\$560.00
	Subcontractor - Mobilization	1.00	EACH	\$1,250.00	\$1,250.00
	Dump Fee	1.00	LOAD	\$45.00	\$45.00
	Aggregate - ABC MAG Spec	1.00	TON	\$13.92	\$13.92
D	17 - Replace Striping	1.00	LS	\$2,500.00	\$2,500.00
	Subcontracted-Striping	1.00	LS	\$2,500.00	\$2,500.00

Direct Cost Totals

	Amount	Percent of Direct Cost
Labor:	\$169,644.46	11.09%
Equipment Owned:	\$125,229.11	8.18%
Equipment Rented:	\$25,386.00	1.66%
Materials Owned:	\$0.00	0.00%
Materials Purchased:	\$18,750.34	1.23%
Subcontracted:	\$1,173,543.98	76.68%
Trucking Owned:	\$0.00	0.00%
Trucking Hired:	\$0.00	0.00%
Miscellaneous:	\$8,015.00	0.52%
Plug:	\$9,810.00	0.64%
Direct Cost:	\$1,530,378.88	

Pay Item Summary

	Amount	Percent of Bid Price
Total Direct Cost:	\$1,530,378.88	100.00%
Total DC Adds/Cuts:	\$0.00	0.00%
Total Indirect Cost:	\$0.00	0.00%
Total Bond:	\$0.00	0.00%
Total Overall Cost:	\$1,530,378.88	100.00%
Total Overhead:	\$0.00	0.00%
Total Profit:	(\$1.65)	-0.00%
Total Margin:	(\$1.65)	-0.00%
Total Bid Price:	\$1,530,377.23	



Project: WW2005.402 Jacaranda Rehab
Date: Tue 1/11/22

Task Split Milestone Summary Project Summary Inactive Task Inactive Milestone Inactive Summary Manual Task Duration-only Manual Summary Rollup Manual Summary External Task Start-only Finish-only External Task External Milestone Deadline Progress Manual Progress

Project Proposal



REVISED PROPOSAL DATE: 12/22/21

PROJECT NAME: JACARANDA PARKWAY SEWER REHAB

OWNER: CITY OF CHANDLER

INSITUFORM TECHNOLOGIES, LLC herein proposes to furnish a Proposal for all labor, materials, equipment, and services set forth below for the above referenced project. All pricing is considered confidential.

PROPOSAL PRICING

ITEM #	DESCRIPTION	QTY	UNIT	UNIT \$	AMOUNT
	Mobilization	1	LS	\$ 9,000	\$ 9,000
	27" CIPP	4,353	LF	\$ 154	\$ 670,362
	12" CIPP	688	LF	\$ 84	\$ 57,792
	8" CIPP	459	LF	\$ 48	\$ 22,032
	Additional mobilizations x 3	3	EA	\$4,500	\$13,500
					\$679,362
	Total				\$ 772,686
	<i>Lining Only (See full list of Inclusions & Exclusions below.)</i>				

← In small diameter scop

ASSUMPTIONS & QUALIFICATIONS

- Mutually agreed on schedule with contractor – TBD.
- Water curing will be utilized due to T-lok existing pipe.
- GC to open benches/pipe inverts wide enough for CIPP Liner Installation – MH #'s 756004535 & 756007321.
- Price assumes work will be completed in 1 Mobilization
- No manhole cones need to be removed.

Insituform Technologies, LLC have based proposal on a nominal wall thickness for the InsituTube as shown in the specifications or derived from general, industry accepted specifications and design criteria. This is based on the best available information at the time of this proposal. Existing pipe deterioration in excess of the conditions assumed, ground water loads in excess of those assumed, or other loads or conditions may increase the recommended thickness for all or various portions of the work. Final recommendations may be submitted following completion of preliminary video inspection of the existing pipeline to be rehabilitated. Stated prices are subject to change if unforeseen conditions are determined.

Insituform Technologies, LLC is not a union shop and considered a specialty contractor, and shall not be subject to any union requirements or project labor agreements.

Water shall be provided at no cost to Insituform Technologies for all construction phases of this project. Insituform Technologies will follow all required deposit, backflow prevention, and metering procedures.

Project Proposal



Access requirements for existing pipeline to be rehabilitated shall be provided by Owner – includes entry and exit access approved from Insituform Project Manager and/or Field Engineer.

PROPOSAL INCLUSIONS

Insituform Technologies, LLC proposal pricing includes only items listed below; other items, scope of work, and/or project requirements are not part of the Insituform Technologies, LLC proposal pricing.

1. One mobilization and demobilization for 3,930 LF of 27" standard CIPP liner as stated in drawings.
2. Installation of Cured-In-Place Pipe (CIPP) – Pipe Lining including inversion, curing, and finishing.
3. Lateral reinstatements.
4. Confined space safe entry practices.
5. Standard construction warranty as indicated in Warranty section of project specifications.
6. Certificate of insurance with a standard coverage.

PROPOSAL EXCLUSIONS

Insituform Technologies, LLC proposal pricing excludes all items and scope of work listed below. Any and all items below are to be furnished "by others". Insituform Technologies, LLC is not responsible for any costs associated with items listed below – Excluded in proposal pricing.

- a) Bypass Pumping.
- b) Cleaning and CCTV , pre and post.
- c) Traffic Control.
- d) Heavy Cleaning, Mechanical Cleaning.
- e) Lateral Sealing - TopHats by other.
- f) Manhole installation, rehabilitation, and/or replacement.
- g) Point repairs, if required, prior to lining.
- h) Hydrant meter.
- i) Warranty Inspection.
- j) Excavation of any kind.
- k) Water for Curing of CIPP installation.
- l) Sectional Liners.
- m) Removal of manhole cones for access to sewer pipe, none expected.
- n) Restorations, finished surface repairs (e.g. landscaping, sidewalk, road repairs), or any finished surface repairs required by the owner.
- o) Archaeological Monitoring.
- p) Owner or General Contractor to provide access to Water from fire hydrants within a convenient distance from each cleaning and inversion site location.
- q) *If any hazardous or toxic materials are encountered during the project, Insituform will not be responsible for the removal and disposal of the materials.*
- r) Any special permits or licenses
- s) State and local sales and/or use taxes are excluded, including gross receipts. If you are exempt, please submit the appropriate documentation.
- t) Additional premiums for special insurance coverage(s) demanded by you or other parties particular to this project.
- u) Performance and payment bond not included. This is available upon request, but if required please add 2.5% to the total project cost.
- v) Stamped Designs.

PROPOSAL TERMS & CONDITIONS

Project Proposal



- a) When CIPP is required to negotiate bends or defects in the host pipe, there is a tendency to experience wrinkling in the installed CIPP around the inside radius of the bend or in the area where the host pipe defect is located. This is normal and should be expected. It will not affect the structural integrity of the finished product. Insituform will not be liable for repairs or penalties due to wrinkles in the CIPP at the locations of bends or defects in the host pipe.
- b) Limits of Liability. In consideration of INSITUFORM TECHNOLOGIES agreement to maintain no less than \$5,000,000 of comprehensive general liability insurance in the form required by the Contract, INSITUFORM TECHNOLOGIES liability to the Prime for any matter covered by such insurance will be limited to the extent of such insurance and the Prime will indemnify and hold INSITUFORM TECHNOLOGIES harmless from any third party claims covered by such insurance to the extent such claims exceed the limits of such insurance. Neither party shall be liable to the other for consequential damages relating to the contract. In case of conflict between this provision and any other provision in the Contract as ultimately executed, this provision shall govern and prevail.
- c) LIMITED WARRANTY. IN LIEU OF ALL OTHER EXPRESSED, IMPLIED AND/OR STATUTORY. WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, INSITUFORM AGREES TO CORRECT ANY DEFECTS IN THE MATERIALS OR SERVICES PROVIDED BY INSITUFORM WHICH ARE BROUGHT TO THE ATTENTION OF INSITUFORM WITHIN ONE YEAR FOLLOWING COMPLETION OF INSITUFORM'S WORK, PROVIDED OWNER AFFORDS INSITUFORM SUITABLE ACCESS AND WORKING CONDITIONS TO ACCOMPLISH SUCH CORRECTION.
- d) MUTUAL RELEASE OF CONSEQUENTIAL DAMAGES. Neither party shall be liable to the other for consequential damages relating to or arising out of the Contract.
- e) PROPOSAL SUBJECT TO NEGOTIATION OF OTHER STANDARD TERMS OF AGREEMENT. This proposal is subject to agreement of the parties on other terms and conditions as are customary in contracts of this nature.
- f) Quantities are estimated. Unit prices apply for actual invoice and payment.
- g) Payments are due at net within thirty days of invoice. Final payment is due within thirty days of completion of project.
- h) Monthly progress partial payments shall be requested for the value of work in progress or completed, including materials secured and on site.
- i) Prices stated are in effect for thirty days from the date of this proposal. The acceptance period may be extended at the sole option of INSITUFORM TECHNOLOGIES
- j) Conflicts. In case of conflict between the provision of the aforesaid paragraphs and any other provision in the Contract as ultimately executed the provisions as set forth above shall govern and prevail.

OFFERED BY:

INSITUFORM TECHNOLOGIES, LLC

Todd Venable

TODD VENABLE
BUSINESS DEVELOPMENT MANAGER
(480) 938-7145
evenable@aeqion.com

Arizona Office: 645 S. 24th Street
Tempe, AZ 85282
(480) 446-0620

CONTRACTOR LICENSE & REGISTRATION NUMBERS - Western.US:

AZ (277787) UT (6981198-5501) NM (374011) CA (758411) OR (133115) WA (INSITTL883CW) NV (0048110) HI (21894)

ACCEPTED BY:

Project Proposal



CONTRACTOR NAME

AUTHORIZED REPRESENTATIVE

SIGNATURE

CONTRACTOR



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: Bret Thompson, B & F Contracting
bthompson@bfcontracting.com

PHONE: 623-582-1170

FAX:

DATE December 13, 2021

CELL: 623-271-2961

RE: Jacaranda Parkway Manhole Rehab Quote
below;

- 1 - Waterblast & Sandblast manhole bench & invert to open voids and remove deteriorated concrete.
- 2 - Fill extensive voids in concrete using C-120 acid proof cement underlayment as needed .
- 3 - Apply Sewer Shield 150 to complete Bench & Invert of manholes at 1/8" thickness. May be done in two steps as necessary.
- 4 - Spark test Sewer Shield at 15,500 volts to check for pinholes, if found repair and retest.

ITEM # A Prepare and coat 11 existing manhole Bench & Invert.

Quarter Section	MH #	Size	Cost / MH #	Notes
Bench & Invert	0 Dia X	0.0	5,800.00 EA	Bypass to be completed by B&F Contracting

A Amount **\$63,800.00**

TOTAL PROPOSAL AMOUNT: **\$63,800.00**

TPT Tax paid on materials at point of purchase per MRRA 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. All work orders need to give JPCI Services a minimum of two weeks notice before the start of the project.

The above proposal excludes the cost of payment, performance and/or warranty bonds, traffic control, bypass plugs or pumping, camera/video work of sewer lines, blockage or debris removal/disposal 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,

Beckey Durfee For 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 Beckey Durfee at (480)986-1212 if there is a change in the start date.

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.

Proposal

Aguilar Traffic LLC.

Job Name: Jacaranda Sewer Rehab (Ocotillo) **Date:** 1/10/22
Job Location: Ocotillo Rd & Jacaranda Pkwy **Phone:** _____
Customer: B & F Contracting **Fax:** _____
Contact: Bret Thompson **Mobile:** 623-271-2961

Estimator:	Purchase Order #	FOB	Ship Via	Terms	Proposed Start Date
Ramon Lopez			NBC	Net 30	

Quantity	Description	Labor Price	Unit Price	Total
10 DAY	2 SHIFTS & ASSOCIATED PIPE PROTECTION		\$180.00	\$1800.00
2EA	TCP (ONE TIME CHARGE)		\$50.00	\$100.00
1	BAGS (ONE TIME CHARGE)		\$1.20	\$80.00
2 DAY	DELIVERY AND SET UP 2 men 1 truck 10 HOURS	\$ 85.00 HR	\$ 1020.00 DAY	\$ 2,040.00
7 DAY	MESSAGE BOARDS		\$110.00 DAY	\$770.00

Quotation is valid for 60 days.

Quotation Prepared By: Ramon Lopez

Subtotal	\$4,790.00
9.2 TAX	\$
Total	\$4,790.00

Scope of Work: Deliver And various shift ,

3423 N 28th Ave ,Phoenix

Phone: 602.334.1490

Fax: 602.595.0335

Excluded (Price per day): Sales Tax, Permits, Bonds, & Engineering Fees.

If you have any other questions or comments please feel free to contact us. Thank you for the opportunity to serve all your traffic control needs.

To accept this proposal, please sign and fax back to 602.595.0335

Sign: _____ Date: _____

—Temporary Traffic Control—Traffic Control Plans—Road Plates—Asphalt/Concrete Cutting—
—Asphalt Milling—Asphalt Restoration—Concrete Restoration—

Proposal

Aguilar Traffic LLC.

Job Name:	Jacaranda Sewer Rehab	Date:	1/10/21
Job Location:	Ocotillo Rd & Jacaranda Pkwy	Phone:	
Customer:	B & F Construction	Fax:	
Contact:	Brett Thompson	Mobile:	623-271-2961

Estimator:	Purchase Order #	FOB	Ship Via	Terms	Proposed Start Date
Ramon Lopez			NBC	Net 30	

Quantity	Description	Labor Price	Unit Price	Total
40 Days	Shift on Jacaranda the Full Length of the project		\$207.00	\$8,280.00
6	TCP (ONE TIME CHARGE)		\$55.00	\$700.00
1	BAGS (ONE TIME CHARGE)		\$1.20	\$500.00
1	DELIVERY AND SET UP 4 men 2 truck			\$ 1,275.00
1	Pick UP 4 men 2 truck			\$ 1,275.00
8	Service Twice a week if needed		\$ 171.00	\$ 1,368.00
4	Chandler submital		\$ 35.00	\$ 140.00
			Subtotal	\$13,538.00
			9.2 TAX	\$
			Total	\$13,538.00

Quotation is valid for 60 days.

Quotation Prepared By: Ramon Lopez

Scope of Work: Deliver set Shift the full length of the project .24 hour closures

3423 N 28th Ave ,Phoenix

Phone: 602.334.1490

Fax: 602.595.0335

Excluded (Price per day): Sales Tax, Permits, Bonds, & Engineering Fees.

If you have any other questions or comments please feel free to contact us. Thank you for the opportunity to serve all your traffic control needs.

To accept this proposal, please sign and fax back to 602.595.0335

Sign: _____ Date: _____

---Temporary Traffic Control---Traffic Control Plans---Road Plates---Asphalt/Concrete Cutting---
---Asphalt Milling---Asphalt Restoration---Concrete Restoration---

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 **JACARANDA PARKWAY SEWER REHABILITATION, WW2005.402** 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 **JACARANDA PARKWAY SEWER REHABILITATION, WW2005.402** 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__.

PRINCIPAL

SEAL

AGENT OF RECORD

By _____

SURETY

SEAL

AGENT ADDRESS

EXHIBIT E

CONTRACTOR'S AFFIDAVIT REGARDING SETTLEMENT OF CLAIMS

_____, Arizona

Date _____

Project Name: **JACARANDA PARKWAY SEWER REHABILITATION**

Project No.: **WW2005.402**

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: **JACARANDA PARKWAY SEWER REHABILITATION**
Project No.: **WW2005.402**

(TO BE COMPLETED BY CONTRACTOR)

I HEREBY CERTIFY THAT ALL GOODS AND/OR SERVICES REQUIRED BY CITY OF CHANDLER PROJECT NO. **WW2005.402** 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