



**BOARD OF SUPERVISORS AGENDA ITEM REPORT**  
**CONTRACTS / AWARDS / GRANTS**

☐ Award ☒ Contract ☐ Grant

Requested Board Meeting Date: 05/19/20

\* = Mandatory, information must be provided

or Procurement Director Award ☐

**\*Contractor/Vendor Name/Grantor (DBA):**

Hunter Contracting Co.

**\*Project Title/Description:**

Construction Manager at Risk Services - Mabel Sewer Improvements (3SAC15)

**\*Purpose:**

Amendment: Contract No. CT-WW-20-191, Amendment No. One (1). This amendment modifies the scope of work and increases the net contract amount by \$1,824,999.02 through the incorporation of Guaranteed Maximum Price One (1) (GMP-1) for a cumulative not-to-exceed amount of \$1,926,163.94.

Administering Department: Regional Wastewater Reclamation.

This amendment incorporates GMP-1 which provides for the purchase of all materials, all construction services and coordination of community relations for the project. The Contractor will meet a two percent (2%) Small Business Enterprise (SBE) goal for this GMP.

**\*Procurement Method:**

Pursuant to Solicitation for Qualifications No. SFQ-PO-2000005, on 01/14/20, the Board of Supervisors awarded a contract for this project in the amount of \$101,164.92 for a contract term of 01/14/20 to 06/30/21.

Attachment: Amendment No. One (1).

**\*Program Goals/Predicted Outcomes:**

To increase sewer capacity in the Mabel Sewershed to address current and future development needs.

**\*Public Benefit:**

Increased capacity, current maintenance issues related to sanitary sewer overflows are addressed, and the potential of any future sewer failures related to inadequate capacity are mitigated.

**\*Metrics Available to Measure Performance:**

Project schedule, established milestones, completion of the new alignment and receipt of the Arizona Department of Environmental Quality Discharge Permit, and completion of the project within budget.

**\*Retroactive:**

No

TO: COB 5-16-2020 (1)  
VRS: 2  
PQS: 106

Procure Dept 05/05/20 PM01:32

**Contract / Award Information**

Document Type: \_\_\_\_\_ Department Code: \_\_\_\_\_ Contract Number (i.e., 15-123): \_\_\_\_\_

Effective Date: \_\_\_\_\_ Termination Date: \_\_\_\_\_ Prior Contract Number (Synergen/CMS): \_\_\_\_\_

☐ Expense Amount: \$\* \_\_\_\_\_ ☐ Revenue Amount: \$ \_\_\_\_\_**\*Funding Source(s) required:**Funding from General Fund? ☐ Yes ☒ No If Yes \$ \_\_\_\_\_ % \_\_\_\_\_Contract is fully or partially funded with Federal Funds? ☐ Yes ☐ No

If Yes, is the Contract to a vendor or subrecipient? \_\_\_\_\_

Were insurance or indemnity clauses modified? ☐ Yes ☐ No

If Yes, attach Risk's approval.

Vendor is using a Social Security Number? ☐ Yes ☐ No

If Yes, attach the required form per Administrative Procedure 22-10.

**Amendment / Revised Award Information**Document Type: CT Department Code: WW Contract Number (i.e., 15-123): 20-191Amendment No.: One (1) AMS Version No.: Two (2)Effective Date: 05/19/20 New Termination Date: \_\_\_\_\_

Prior Contract No. (Synergen/CMS): \_\_\_\_\_

☒ Expense or ☐ Revenue ☒ Increase ☐ Decrease Amount This Amendment: \$ 1,824,999.02Is there revenue included? ☐ Yes ☒ No If Yes \$ \_\_\_\_\_**\*Funding Source(s) required:** Regional Wastewater Reclamation Department ObligationsFunding from General Fund? ☐ Yes ☒ No If Yes \$ \_\_\_\_\_ % \_\_\_\_\_**Grant/Amendment Information** (for grants acceptance and awards) ☐ Award ☐ Amendment

Document Type: \_\_\_\_\_ Department Code: \_\_\_\_\_ Grant Number (i.e., 15-123): \_\_\_\_\_

Effective Date: \_\_\_\_\_ Termination Date: \_\_\_\_\_ Amendment Number: \_\_\_\_\_

☐ Match Amount: \$ \_\_\_\_\_ ☐ Revenue Amount: \$ \_\_\_\_\_**\*All Funding Source(s) required:****\*Match funding from General Fund?** ☐ Yes ☐ No If Yes \$ \_\_\_\_\_ % \_\_\_\_\_**\*Match funding from other sources?** ☐ Yes ☐ No If Yes \$ \_\_\_\_\_ % \_\_\_\_\_**\*Funding Source:** \_\_\_\_\_**\*If Federal funds are received, is funding coming directly from the Federal government or passed through other organization(s)?** \_\_\_\_\_Contact: Keith E. Rogers Keith E. Rogers 05/01/20 5/1/2020Department: Procurement May 1/2020 Telephone: 724-3542Department Director Signature/Date: [Signature] 5/4/2020Deputy County Administrator Signature/Date: [Signature] 5/4/2020County Administrator Signature/Date: [Signature] 5/4/2020

(Required for Board Agenda/Addendum Items)

**PIMA COUNTY REGIONAL WASTEWATER RECLAMATION DEPARTMENT**

**PROJECT:** Construction Manager at Risk Services - Mabel Sewer Improvements (3SAC15)

**CONTRACTOR:** Hunter Contracting Co.  
701 N Cooper Rd.  
Gilbert AZ, 85233

**CONTRACT NO.:** CT-WW-20-191

**AMENDMENT NO.:** One (1)

**FUNDING:** Regional Wastewater Reclamation Department Obligations

<b>CONTRACT TERM:</b> 01/14/20 - 06/30/21	<b>ORIGINAL CONTRACT AMOUNT:</b>	\$	101,164.92
<b>TERMINATION PRIOR AMENDMENT:</b> NA	<b>PRIOR AMENDMENT(S):</b>	\$	-
<b>TERMINATION THIS AMENDMENT:</b> 06/30/21	<b>AMOUNT THIS AMENDMENT:</b>	\$	1,824,999.02
	<b>REVISED CONTRACT AMOUNT:</b>	\$	1,926,163.94

**CONSTRUCTION CONTRACT AMENDMENT**

**WHEREAS**, on January 14, 2020, the Board of Supervisors approved the award of a Construction Manager at Risk Contract by COUNTY to CONTRACTOR for the above-named Project; and

**WHEREAS**, construction of the project was anticipated to be conducted in multiple phases; and

**WHEREAS**, COUNTY and CONTRACTOR have mutually agreed upon an acceptable GMP-1, to include the schedule and scope of work for the Construction Services for the Project; and

**WHEREAS**, Solicitation for Qualifications No. SFQ-PO-2000005, upon which the procurement for this contract was based, provided that COUNTY would establish the goal for Small Business Enterprise (SBE) utilization for the construction under this contract in conjunction with the establishment of the GMP; and

**WHEREAS**, COUNTY and CONTRACTOR have reviewed all required documentation regarding available subcontracting opportunities, the certified SBEs who are ready, willing, able and qualified to perform the construction, and have agreed to the establishment of an SBE Goal of Two Percent (2%) for GMP-1 of this project; and

**WHEREAS**, COUNTY and CONTRACTOR, pursuant to Article 2, agree to incorporate the GMP-1 SBE goal, and contractual provisions, conditions, terms, agreements, and related documents required for this construction phase of the Project into the Contract; and

**WHEREAS**, COUNTY and CONTRACTOR, pursuant to Article 3, have agreed to increase the Contract amount as identified in GMP-1; and

**WHEREAS**, COUNTY's acceptance of GMP-1 is subject to the understanding of the Parties that all other elements of future GMPs, if any, are and remain negotiable; and

**NOW, THEREFORE**, it is agreed as follows:

**CHANGE:** **ARTICLE 2 – SCOPE OF WORK**

**Add the following paragraphs:**

"I. The Parties agree to proceed with the Construction Services for GMP-1. The Construction Provisions, Scope of Work, and GMP-1 for Construction are hereby included in Appendix "E" to the Contract."

"J. The SBE Goal for GMP-1 is Two Percent (2%) of the total cost of Construction."

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**CHANGE:** Paragraph A of **ARTICLE 3 – PRECONSTRUCTION SERVICES FEE AND GUARANTEED MAXIMUM PRICE** as follows:

**FROM:** "COUNTY will pay CMAR a Pre-construction Services Fee for Pre-construction Services. The CMAR'S Construction Services Fee, plus the cost of the Work (direct construction cost) including CMAR contingency, bonds, insurance and taxes (indirect construction costs) will comprise the GMP(s) to be established in compliance with Appendix "B" Supplemental Provisions – Construction Costing (10 pages) and Appendix "C" General Conditions (50 pages). Unless otherwise agreed, CMAR'S GMP will include all required sales, use, franchise and other taxes in effect on the date of COUNTY approval of the GMP, as well as all applicable bond and insurance costs."

**TO:** "COUNTY will pay CMAR a Pre-construction Services Fee for Pre-construction Services. The CMAR'S Construction Services Fee, plus the cost of the Work (direct construction cost) including CMAR contingency, bonds, insurance, and taxes (indirect construction costs) will comprise the GMP(s) to be established in compliance with Appendix "B" Supplemental Provisions – Construction Costing (10 pages) and Appendix "C" General Conditions (50 pages), **Appendix "E" – Small Business Enterprise Requirements (2 pages), and Appendix "F" – GMP 1 (45 pages)**. Unless otherwise agreed, CMAR'S GMP will include all required sales, use, franchise and other taxes in effect on the date of COUNTY approval of the GMP, as well as all applicable bond and insurance costs."

**CHANGE:** Paragraph B of **ARTICLE 3 – PRECONSTRUCTION SERVICES FEE AND GUARANTEED MAXIMUM PRICE** as follows:

**FROM:** The Pre-construction Services Fee will not exceed One Hundred One Thousand One Hundred Sixty-Four Dollars and Ninety-Two Cents (\$101,164.92), in accordance with the Pre-construction Services Fee Proposal incorporated herein as Appendix "D" Preconstruction Services Fee Proposal (6 pages). The Construction Services Fee will be a fixed fee, will be set forth in GMP(s) described in Article 2.E above and, if approved by COUNTY, will be incorporated into this Contract by Amendment."

**TO:** The Pre-construction Services Fee will not exceed One Hundred One Thousand One Hundred Sixty-Four Dollars and Ninety-Two Cents (\$101,164.92), in accordance with the Pre-construction Services Fee Proposal incorporated herein as Appendix "D" Preconstruction Services Fee Proposal (6 pages). **CMAR GMP-1 Fee, that includes the Cost of the Work (direct construction cost), CMAR contingency, bonds, insurance, and taxes (indirect construction costs) which comprises GMP-1, in the amount of One Million Eight Hundred Twenty-Four Thousand Nine Hundred Ninety-Nine Dollars and Two Cents (\$1,824,999.02) is hereby included in Appendix "F" and represents the maximum amount the County will pay for the work identified in Appendix "F."** COUNTY's acceptance of GMP-1 is subject to the understanding of the Parties that all other elements of future GMPs, if any, are and remain negotiable.

**ADD:** The following documents to the Contract:

**APPENDIX "E" – Small Business Enterprise Requirements (2 Pages)**

**APPENDIX "F" Construction Manager at Risk Services – Mabel Sewer Improvements (3SAC15) GMP-1, proposal dated April 23, 2020 (45 pages).**

This Amendment shall be effective on May 19, 2020.

**THE REMAINDER OF THIS PAGE INTENTIONALLY LEFT BLANK**

All other provisions of the Contract, not specifically changed by this Amendment, shall remain in effect and be binding upon the Parties.

IN WITNESS WHEREOF, the Parties have affixed their signatures to this Amendment on the dates written below.

PIMA COUNTY

CMAR:

\_\_\_\_\_  
Chairman, Board of Supervisors

Charles English  
Authorized Officer Signature

Charles English, President  
Printed Name and Title

ATTEST

May 4, 2020  
Date

\_\_\_\_\_  
Clerk of the Board

\_\_\_\_\_  
Date

APPROVED AS TO FORM

Victoria Buchinger  
Deputy County Attorney

Victoria Buchinger  
Print DCA Name

5-1-20  
Date

**APPENDIX "E" – SMALL BUSINESS ENTERPRISE REQUIREMENTS**  
**(2 pages)**

1. **Goal Setting Meeting:** The CMAR, based on information provided by DP and OWNER and prior to preparing each GMP Proposal, will meet with Owner's Vendor Relations & SBE Division to obtain Small Business Enterprise goals. The CMAR will make a presentation to the Vendor Relations & SBE Division to identify the estimated value of Work to be performed by each Subcontractor/ Supplier. The Vendor Relations & SBE Division will establish the minimum goals for Work to be performed during the construction phase by Owner-certified SBE firms, expressed as a percentage of estimated construction costs for the Project. The CMAR shall meet or exceed the minimum goals set for each phase of the Project.
2. **Documentation:** The CMAR will submit the following documents with each GMP Proposal package if subcontractors have been selected prior to submission of the GMP Proposal. If the GMP Proposal is submitted prior to subcontractor selection, the CMAR will submit these documents before the selected SBE subcontractor commences onsite construction operations.
  - a) **SBE Utilization Form.** The Owner will provide the Form to the CMAR as required. The CMAR shall list all proposed certified SBE subcontractors who will be performing work under the respective GMP Proposal package. On the form the CMAR will list the name of the firm, the value of work to be performed by that firm, and the estimated percentage of the total Project construction cost to be performed by that firm. When received by the Owner, these Utilization forms will be sent to Vendor Relations & SBE Division to verify that the firms are properly certified within the Owner's system.
  - b) **Letters of Intent to Perform as a Subcontractor.** These letters must be submitted for each Subcontractor or Supplier listed on the SBE Utilization form. These letters are prepared by the respective subcontractors and indicate the subcontractors' intent to perform the work as detailed on the CMAR'S Utilization form for the indicated price.
3. **Goal:** The Agreed SBE goal for this Project is as follows:

**SBE = TBD (This usually has a range of 5 to 15%)**
4. **SBE Utilization:**
  - 4.1 CMAR shall utilize the Subcontractors stated on the Contractor's Statement of Proposed SBE Utilization form as part of each GMP submittal.
  - 4.2 **ONLY certified firms whose business is located within the Tucson Metropolitan Statistical Area may be counted against the SBE goal for each phase of the Project.** The most recent City of Tucson/Pima County Construction SBE directory is available at <http://www.pima.gov/procure/sbe/SBEDir.pdf>
5. **Compliance:** Submittal of the GMP to Owner shall constitute an agreement by the CMAR to comply with the SBE utilization requirements of this Section. This includes, but is not limited to, the following compliance activities:
  - 5.1 CMAR shall contract, or attempt to contract, in good faith with all SBE firms listed on the Statement of Proposed SBE Utilization form submitted with its GMP. The subcontract shall be for an amount that is equal to, or greater than, the total dollar amount listed on the form, with the exception of instances where Owner changes a scope of work in a GMP that would reduce the available Work in the Subcontractor's area of performance.
  - 5.2 CMAR shall notify the Vendor Relations/SBE Division of the County Procurement Department immediately if any firm listed on the Statement of Proposed SBE Utilization form refuses to enter into a subcontract or fails to perform according to the requirements of the subcontract.
  - 5.3 CMAR shall act in good faith to meet the SBE utilization goals and provide all necessary documentation to show proof of those efforts as requested by Owner.

5.4 CMAR shall participate in compliance reviews as determined necessary by Owner. This includes, but is not limited to, participating in on-site reviews and providing monthly utilization reports of SBE activity including signed copies of subcontracts and/or purchase orders with each SBE listed on the Statement of Proposed SBE Utilization form.

6. **Breach:** The CMAR further agrees that breach of the SBE provisions contained herein may subject it to any or all of the following remedies:

- a) Withholding of ten percent (10%) of all future payments under the involved eligible project until it is determined that the CMAR is in compliance;
- b) Withholding of all future payments under the involved project until it is determined that the CMAR is in compliance;
- c) Consideration for suspension or debarment under Chapters 11.28 and 11.32 of the Pima County Procurement Code.

7. **Waiver:** CMAR may submit a Certificate of Good Faith Effort/Request for Waiver and documentary evidence to support a full or partial waiver of the subcontracting goal if the goal is not met. A request for waiver may be rejected by Owner. Good faith efforts to meet a goal will not be recognized if CMAR failed to contact the County SBE Program Coordinator to request assistance at (520) 724-8260

**End of Appendix "E" – Small Business Enterprises Requirements**

**APPENDIX "F"**

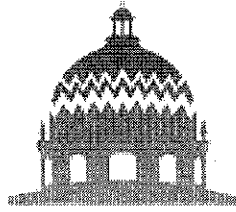
**Construction Manager at Risk Services – Mabel Sewer Improvements (3SAC15)**

**GMP-1**

**Proposal Dated April 23, 2020**

**(45 pages)**





**PIMA COUNTY**

**WASTEWATER RECLAMATION**

**Mabel Sewer Improvements**

**Project No: 3SAC15**

**Submitted: April 23, 2020**

***Hunter***  
**CONTRACTING CO.**

701 N. Cooper Rd.  
Gilbert, AZ 85233  
Phone: 480-892-0521  
Fax: 480-892-4932

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## SUMMARY OF THE GMP

Project Name: Mabel Sewer Improvements

60% Plan Set

Project Location: W. Mabel St. - 13th Ave to 6th Ave

4/23/2020

Project No: 3SAC15

Contract No:

REFERENCE ATTACHMENT 1 TO APPENDIX "B" OF THE CONTRACT

GMP Summary Format

CONSTRUCTION	AMOUNT
<b>CONSTRUCTION COSTS:</b>	
Cost of Construction	\$ 1,185,720.61
CMAR Contingency 3.00%	\$ 35,571.62
<b>Subtotal (Direct Construction Costs)</b>	<b>\$ 1,221,292.23</b>
<b>INDIRECT CONSTRUCTION COSTS:</b>	
General Conditions	\$ 116,079.95
Overhead 6.32%	\$ 91,822.35
Insurance 1.00%	\$ 12,212.92
Payment and Performance Bonds 0.79%	\$ 11,477.79
<b>Subtotal (Direct Construction Cost + Gen Cond, Overhead, Bonds, Insurance)</b>	<b>\$ 1,452,885.24</b>
Construction Fee (As a percentage of Subtotal above or to exclude any items above) 7.00%	\$ 101,701.97
<b>Subtotal (Direct Construction Cost + Gen Cond, Overhead, Bonds, Insurance and Fee)</b>	<b>\$ 1,554,587.21</b>
Arizona Gross Receipts Tax 5.66%	\$ 87,911.91
<b>Subtotal (Direct Construction Cost + Gen Cond, Overhead, Bonds, Insurance, Fee and Tax)</b>	<b>\$ 1,642,499.12</b>
<b>GUARANTEED MAXIMUM PRICE (GMP)</b>	<b>\$ 1,642,499.12</b>
<b>OTHER PROJECT COSTS:</b>	
Owner's Contingency 10.00%	\$ 182,499.90
<b>TOTAL CONTRACT COST</b>	<b>\$ 1,824,999.02</b>

## **SCOPE OF WORK**

**Project Name: Mabel Sewer Improvements**

**60% Plan Set**

**Project Location: W. Mabel St. – 13<sup>th</sup> Ave to 6<sup>th</sup> Ave**

**4/23/2020**

**Project No: 3SAC15**

**Contract No:**

The following is a brief description of the work being performed within the GMP for the Mabel Sewer Improvements project for Pima County project No. 3SAC15. The project includes the installation of a 8" and 12" SDR35 sewer lines that runs through Mabel St connecting to an existing manhole in 13<sup>th</sup> Ave and continues to connection points in 6<sup>th</sup> Ave, one in an existing manhole and a second with a new manhole. Included in the scope of work is a 142 LF Jack and Bore under Stone Ave. This work also includes associated manholes, asphalt removal & replacement, traffic control, surface restoration and survey and quality control testing. The total number of days for construction of the GMP is based on 135 calendar days as shown in the schedule (Attachment G).



## SCHEDULE OF VALUES

Project Name: Mabel Sewer Improvements

60% Plan Set

Project Location: W. Mabel St. - 13th Ave to 6th Ave

4/23/2020

Project No: 3SAC15

Contract No:

SCHEDULE OF VALUES			60% Cost Model		
CBS	Description - Cost of Construction	Quantity	UoM	Unit Cost	Total Cost
1.00	Mobilization	1	LS	\$ 56,673.79	\$ 56,673.79
2.00	Jack and Bore Complete	142	LF	\$ 810.95	\$ 115,154.90
3.00	Flow Management Plan Complete	1	LS	\$ 52,848.98	\$ 52,848.98
4.00	Excavate, Lay, and Backfill 12-Inch SDR-35 Complete	3,102	LF	\$ 86.04	\$ 266,896.08
5.00	Excavate, Lay, and Backfill 8-Inch SDR-35 Complete	136	LF	\$ 136.18	\$ 18,520.48
6.00	Install 48-Inch Diameter Cast In Place Manholes Complete	3	EA	\$ 7,682.37	\$ 23,047.11
7.00	Install 60-Inch Diameter Manholes Complete	10	EA	\$ 10,824.68	\$ 108,246.80
8.00	Install 72-Inch Diameter Diversion Structure Complete	1	EA	\$ 18,733.96	\$ 18,733.96
9.00	Removals	1	LS	\$ 89,062.20	\$ 89,062.20
10.00	Pavement Replacement Type 2 Trench Patch	959	SY	\$ 73.06	\$ 70,064.54
11.00	Pavement Replacement Mill and Overlay 2-Inch	2,710	SY	\$ 38.19	\$ 103,494.90
12.00	Concrete Drainage Way Restoration Complete	7,606	SF	\$ 9.79	\$ 74,462.74
13.00	Reconnect Existing Sewer Services	15	EA	\$ 406.35	\$ 6,095.25
14.00	Misc. Restorations	1	LS	\$ 33,091.72	\$ 33,091.72
15.00	211 Collars Complete in place	12	EA	\$ 480.86	\$ 5,770.32
16.00	Quality Control	1	LS	\$ 6,560.00	\$ 6,560.00
17.00	Traffic Control Complete	1	LS	\$ 29,125.00	\$ 29,125.00
18.00	Survey	1	LS	\$ 5,060.00	\$ 5,060.00
19.00	Public Outreach	3	MO	\$ 13,366.67	\$ 40,100.01
20.00	Monsoon Site Protection	1	LS	\$ 11,252.68	\$ 11,252.68
21.00	SWPPP Install and Maintenance Complete	1	LS	\$ 32,459.15	\$ 32,459.15
22.00	Construction Water	1	LS	\$ 19,000.00	\$ 19,000.00
<b>SUBTOTAL DIRECT COST (COST OF CONSTRUCTION)</b>					<b>\$ 1,185,720.61</b>

## Attachment D

CBS	Description - General Conditions	Quantity	UoM	Unit Cost	Total Cost
24.2.1	Temp Facilities (Yard Rental, Construction Fence, Water&Ice, Dumpster, J-John's)	4	MO	\$ 1,245.00	\$ 4,980.00
24.2.2	Project, Sponsor (5%)	33.0	HR	\$ 94.40	\$ 3,115.20
24.2.2	Project, Manager (33%)	218.0	HR	\$ 71.30	\$ 15,543.40
24.2.2	Project, Engineer (75%)	330.0	HR	\$ 55.90	\$ 18,447.00
24.2.2	Superintendent	660.0	HR	\$ 63.60	\$ 41,976.00
24.2.2	Truck, Pick Up	1,241.0	HR	\$ 24.35	\$ 30,218.35
24.2.3	Security	4	MO	\$ 450.00	\$ 1,800.00
	<b>SUBTOTAL INDIRECT COST (GENERAL CONDITIONS)</b>				<b>\$ 116,079.95</b>
	<b>GRAND TOTAL COST (CONSTRUCTION + GENERAL CONDITIONS)</b>				<b>\$ 1,301,800.56</b>



P.O. Box 91958 Albuquerque, NM 87199-1958

Contractors Lic # 61581 DOL # 002272520110708

Phone (505) 220-0115 Fax (505) 877-4434

**Boring Proposal/Contract**Date of Proposal: 4/13/2020Proposal Submitted to: Hunter Contracting Co.

(480) 503-7468

Contractor Name

Phone

6930 N Camino Martin

Address

Fax

Tucson, AZ 85741

Tucson, AZ

City, State, Zip

Job Location

Gordan

Mabel SAS Improvements

Contact

Job Name

**We hereby submit specifications and estimates for:**

1	141 LF of 30"	Auger Bore & .500 bare steel casing	\$ 340.00 / LF = \$ 47,940.00
2	1 LS	Mobilization	\$ 9,500.00 / LF = \$ 9,500.00
3	1 LS	Sandfill	\$ 11,500.00 / LF = \$ 11,500.00

**Specifications****Inclusions**

- ☒ Install casing utilizing an Auger Boring method
- ☒ Excavator to set boring equipment and casing entire for boring operation.
- ☒ Weld steel casing in accordance with AWS D1.1
- ☒ Install casing to the line and grades indicated on the plans utilizing an Auger Boring Method
- ☒ 30"x .500 wall bare steel casing.

**Exclusions**

- ☒ Excavate & shore a 12' wide x 40' long bore pit, if shoring is necessary a 12' x 24' in front of pit & 12' x 16' in back.
- ☒ Excavate and shore a receiving pit 10' x 20'.
- ☒ Standby time for our boring crew is \$500.00 per hour should there be any delays when we're called out to the job.
- ☒ If this contract is accepted, please give DH UNDERGROUND, Inc. at least 45 days notice of start date.
- ☒ De-watering, if necessary, is excluded - Stable ground is a necessity for the equipment and boring operation.
- ☒ Locating, potholing, and exposing all existing utility lines in the area.
- ☒ Any reduced footage noted above, material only will be credited with a 20% restocking fee.
- ☒ Any Existing Utilities in conflict with bore or bore pit will be the general contractors responsibility to relocate.
- ☒ Any additional footage of bore and/or casing will be billed for based on the unit prices noted above.
- ☒ Permits and Tax
- ☒ Bond is EXCLUDED - If required, it can be provided for additional costs.
- ☒ Due to unknown soil conditions in the area of this bore, DH UNDERGROUND, Inc. will make every attempt to make this bore as accurate as possible.
- ☒ If solid rock harder than a unconfined compressive strength of 1,000 psi, cobble, or boulders are encountered in the soil at the bore location and a conventional auger boring method will not work additional costs may be incurred.
- ☒ Surveying / Geotechnical Instrumentation
- ☒ Construction water.
- ☒ Flagman for railroad crossing, vent pipes.
- ☒ Removal of asphalt, concrete, landscaping, etc., and access road to all bore locations.
- ☒ Backfill all pits
- ☒ Traffic Control & excavation barricades.
- ☒ SWP, disposal of all material / trash from boring operation.
- ☒ Carrier pipe, spacers, end seals, attaching spacers to carrier, installation of carrier pipe, and fill annular space between casing and carrier pipe if required.
- ☒ Any items of work not specifically included in this proposal shall not be the responsibility of DH Underground Inc.

We propose hereby to furnish material and labor - complete in accordance with the above specifications, for the sum of:

**Above**

DH Underground, Inc.

John Theller

President

Title

This contract may be withdrawn by us if not accepted in 30 days.

The above prices, specifications, and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified.

Authorized Signature

Title

Date

**PIPELINE  
BORING  
PIPE RAMMING**

**GONZALES BORING AND TUNNELING, INC.  
P.O. Box 187  
North Plains, Oregon 97133  
Phone (503) 647-2218  
Fax (503) 647-5226  
Oregon MBE # 152  
Oregon Contractor's # 63175  
Washington Contractor's #GONZABI 135B6  
Arizona Contractor's ROC 196889**

**JACKING  
TUNNELING  
PIPE BURSTING**

April 6, 2020  
Hunter Construction  
701 N. Cooper Rd  
Gilbert, AZ 85233  
Attention: Guillermo Aguirre

Gentlemen:

We are pleased to submit our proposal for installing "ONE" Bored Crossing for The Pima County Regional Wastewater Reclamation Department "Mabel 12" PVC Sewer Improvements " Project.

Located at: Tucson, Arizona as follows:

**01: Mobilization @ \$14,500.00 LS**

**02: Furnish and Install 142' x 30" diameter x .500 wall steel casing @ \$644.00 LF**

- **Bid item 2 Includes: Install Customer furnished carrier pipe inside casing, furnish and install casing spacers, and end-seal**
- **Settlement monitoring By Others**
- **Providing carrier pipe, cathodic protection, and testing carrier pipe By Others**
- **Sandfill between casing and carrier pipe By Others**
- **Sales/Use Tax is Not included**

Gonzales Boring and Tunneling, Inc. to install casing on a line and grade that will enable the carrier pipe to be installed in the line and grade shown on the plans and specifications, unless the contracting authority accepts work with greater tolerances than shown on plans and specifications. Any bore changed in length by 10% or more is subject to price change. Customer to be charged for actual footage installed.

### **PROVISIONS OF AGREEMENT**

1. Contractor shall obtain all necessary licenses, permits, easements, and rights of way for the work covered in this proposal.
2. Contractor agrees to place stakes, set grades, and perform all other Engineering and Surveys essential to the satisfactory installation as set forth in this proposal.
3. Unless specified above, the current price quoted does not include installation of casing in solid rock, stumps, boulders, logs, or man-made conditions. If these conditions are encountered, then Contractor agrees to present D.S.C. on behalf of GBT, Inc.



4. Owner/Customer agrees to furnish:

- a. **Labor and equipment to excavate pit(s) 40 to 14 feet long and 18 inches below invert of casing. Also slope/shore, dewater, gravel, and provide traffic control. Receiving pit: 14' x 10' shored and dewatered.**
- b. Dewater boring and receiving pit(s) and path of bore.
- c. Protect from storm and/or liquid intrusion and maintain boring and receiving pit(s).
- d. Provide water source and provide portable lavatory at jacking pit(s).

5. Gonzales Boring and Tunneling, Inc. agrees to furnish equipment and labor for jacking casing into place.

6. Owner / Customer agrees to provide a roadway suitable for rubber tire highway vehicles to and from bore pit(s) and crane pads.

7. **Owner / Customer will locate and pot hole all utilities, pipelines, substructures, and man-made and/or placed obstructions, which may interfere with boring. Also, hold Gonzales Boring and Tunneling, Inc. and Gonzales Boring and Tunneling, Inc insurance carrier harmless for all damages and financial responsibilities of any kind, caused by failure to properly locate such structures, pipelines, and/or obstructions.**

8. Price(s) do not include hauling or loading spoils from bore casing(s).

9. All Retainage to be paid to GBT, INC. **no later then 60 days after completion** of GBT, INC. work.

10. All bore pit(s) must be completed prior to the arrival of Gonzales Boring and Tunneling, Inc crew. All standby time and force account work will be charged at a rate of \$975.00 per hour.

11. No fencing or plating of bore pit(s) is included.

12. Railroad inspection and insurance costs are NOT INCLUDED.

13. Customer agrees to dewater alignment area of casing as required by Gonzales Boring and Tunneling, Inc.

14. Customer to supply reaction wall as required by Gonzales Boring and Tunneling, Inc.

15. Performance bonds not included unless indicated. Rate @ 2% IF REQUIRED.

In the event that this agreement is placed with an attorney to enforce its provisions, the prevailing party shall be entitled to reasonable attorney fees and costs.

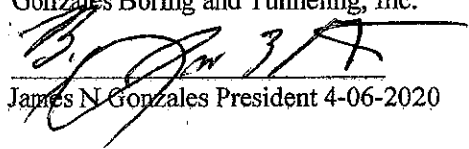
This quotation is good for 10 working days after the award of project by contracting authority.

Work and materials to be scheduled upon copy of this quotation being signed and returned to Gonzales Boring and Tunneling, Inc office.

Accepted \_\_\_\_\_

Date \_\_\_\_\_

Very Truly Yours,  
Gonzales Boring and Tunneling, Inc.

  
James N Gonzales President 4-06-2020



14555 Spring Canyon Road  
Boulder City, NV 89006

207 Heritage Court  
Sulphur Springs, TX 75482

702-824-9702  
www.armorock.com

**Quote Date:** 4/1/2020

**To:**

**Ref:** Mabel Sewer Improvements  
Tucson, AZ

## Q U O T A T I O N

**Notes:**

1. Quote is subject to our standard terms, conditions, and shipping policies.
2. Payment is due at Net 30. Late Payment service charge for over 30 days will be charged at 18% APR
3. Quote is valid for 60 days from issue date to receipt of PO after 60 days quote is subject to change based off market value of materials.
4. All applicable taxes are to be paid by purchaser
5. If owner requires items to be grouted in field contractor is responsible for materials and labor costs incurred.
6. All loads will be billed at \$1550 per truck. Total of five(5) trucks needed for job. Customer will only be billed for trucks used. Additional trucks will be billed at market rate.
7. Freight requested under 3 days notice may be subject to increased freight rates
8. Products will be billed at unit pricing per quotation
9. Rush orders will be priced accordingly.
10. Contractor shall be responsible for joint sealing and performance.
11. Miscellaneous items such as grout, epoxy, and hardware are not included with the structures unless a specific line item is shown on this quote. Additional charges will apply for any extra items that are not shown on this quote.

**From:**



14555 Spring Canyon Road  
Boulder City, NV 89006  
207 Heritage Court  
Sulphur Springs, TX 75482  
782-824-9702  
www.armorock.com

For:

Ref: Mabel Sewer Improvements  
Tucson, AZ

Quote Date: 4/1/2020

Structure	Description	Height	Weight	Price
<b>Diversion-001</b>	<b>72"-30" Lid Polymer Manhole</b>	<b>7.95'</b>	<b>13,458</b>	<b>\$16,143</b>
1	30" PIMA COUNTY R&C	1 PR30X4FL	30 IN X 4 IN FLAT PRO-RING	
1 50630-L	72 IN POLYMER MH LID 30 IN	1 50648-S	72 IN X 4 FT POLYMER MH SECTION	
1 70636-B116	72 IN X 3 FT POLYMER PRECAST BASE (FULL DEPTH PLUS 2" TROUGHING)	5 S106-12AWS	S106-12AWS NPC BOOT	
4 JM1.25	1.25 IN X 14 FT JOINT MASTIC ROLL	1 LADDER	LANE INTERNATIONAL LADDER	
<b>MH-001</b>	<b>48"-24" Polymer Manhole</b>	<b>12.66'</b>	<b>7,811</b>	<b>\$10,499</b>
1	24" PIMA COUNTY R&C	1 PR24X1FL	24 IN X 1 IN FLAT PRO-RING	
1 PR24X2FL	24 IN X 2 IN FLAT PRO-RING	1 PR24X6FL	24 IN X 6 IN FLAT PRO-RING	
1 50424-C	48 IN X 3 FT ECC POLYMER CONE 24 IN	1 50472-S	48 IN X 6 FT POLYMER MH SECTION	
1 70436-B116	48 IN X 3 FT POLYMER PRECAST BASE (FULL DEPTH PLUS 2" TROUGHING)	2	S106-16AWS NPC BOOT	
2 JM1.25	1.25 IN X 14 FT JOINT MASTIC ROLL	1 LADDER	LANE INTERNATIONAL LADDER	
<b>MH-002</b>	<b>48"-24" Polymer Manhole</b>	<b>12.39'</b>	<b>7,655</b>	<b>\$10,322</b>
1	24" PIMA COUNTY R&C	1 PR24X1FL	24 IN X 1 IN FLAT PRO-RING	
1 PR24X4FL	24 IN X 4 IN FLAT PRO-RING	1 50424-C	48 IN X 3 FT ECC POLYMER CONE 24 IN	
1 50472-S	48 IN X 6 FT POLYMER MH SECTION	1 70436-B116	48 IN X 3 FT POLYMER PRECAST BASE (FULL DEPTH PLUS 2" TROUGHING)	
2	S106-16AWS NPC BOOT	2 JM1.25	1.25 IN X 14 FT JOINT MASTIC ROLL	
1 LADDER	LANE INTERNATIONAL LADDER			
<b>MH-003</b>	<b>48"-24" Polymer Manhole</b>	<b>10.73'</b>	<b>7,117</b>	<b>\$9,841</b>
1	24" PIMA COUNTY R&C	1 PR24X1FL	24 IN X 1 IN FLAT PRO-RING	
1 PR24X2FL	24 IN X 2 IN FLAT PRO-RING	1 PR24X6FL	24 IN X 6 IN FLAT PRO-RING	
1 50424-C	48 IN X 3 FT ECC POLYMER CONE 24 IN	1 50448-S	48 IN X 4 FT POLYMER MH SECTION	
1 70436-B116	48 IN X 3 FT POLYMER PRECAST BASE (FULL DEPTH PLUS 2" TROUGHING)	2	S106-16AWS NPC BOOT	
2 JM1.25	1.25 IN X 14 FT JOINT MASTIC ROLL	1 LADDER	LANE INTERNATIONAL LADDER	
<b>MH-004</b>	<b>48"-24" Polymer Manhole</b>	<b>10.78'</b>	<b>7,423</b>	<b>\$10,095</b>
1	24" PIMA COUNTY R&C	1 PR24X4FL	24 IN X 4 IN FLAT PRO-RING	
1 PR24X6FL	24 IN X 6 IN FLAT PRO-RING	1 50424-C	48 IN X 3 FT ECC POLYMER CONE 24 IN	
1 50436-S	48 IN X 3 FT POLYMER MH SECTION	1 70448-B116	48 IN X 4 FT POLYMER PRECAST BASE (FULL DEPTH PLUS 2" TROUGHING)	
2	S106-16AWS NPC BOOT	1 S106-12AWS	S106-12AWS NPC BOOT	
2 JM1.25	1.25 IN X 14 FT JOINT MASTIC ROLL	1 LADDER	LANE INTERNATIONAL LADDER	
<b>MH-005</b>	<b>48"-24" Polymer Manhole</b>	<b>9.35'</b>	<b>6,655</b>	<b>\$9,334</b>
1	24" PIMA COUNTY R&C	1 PR24X1FL	24 IN X 1 IN FLAT PRO-RING	
1 PR24X4FL	24 IN X 4 IN FLAT PRO-RING	1 50424-C	48 IN X 3 FT ECC POLYMER CONE 24 IN	
1 50424-S	48 IN X 2 FT POLYMER MH SECTION	1 70448-B116	48 IN X 4 FT POLYMER PRECAST BASE (FULL DEPTH PLUS 2" TROUGHING)	
2	S106-16AWS NPC BOOT	2 JM1.25	1.25 IN X 14 FT JOINT MASTIC ROLL	
1 LADDER	LANE INTERNATIONAL LADDER			
<b>MH-006</b>	<b>60"-30" Polymer Manhole</b>	<b>8.57'</b>	<b>9,077</b>	<b>\$10,022</b>
1	30" PIMA COUNTY R&C	2 PR30X6FL	30 IN X 6 IN FLAT PRO-RING	
1 50530-C	60 IN X 3 FT ECC POLYMER CONE 30 IN	1 70555-B116	60 IN X 4 FT 7 IN POLYMER PRECAST BASE (FULL DEPTH PLUS 2" TROUGHING)	
2	S106-16AWS NPC BOOT	1 S106-12AWS	S106-12AWS NPC BOOT	
2 JM1.25	1.25 IN X 14 FT JOINT MASTIC ROLL	1 LADDER	LANE INTERNATIONAL LADDER	



14955 Spring Canyon Road  
Boulder City, NV 89006  
207 Heritage Court  
Sulphur Springs, TX 75482  
702-824-9702  
www.armorock.com

For:

Ref: Mabel Sewer Improvements  
Tucson, AZ

Quote Date: 4/1/2020

Structure	Description	Height	Weight	Price
<b>MH-007</b>	<b>48"-24" Polymer Manhole</b>	<b>9.83'</b>	<b>6,980</b>	<b>\$9,564</b>
1	24" PIMA COUNTY R&C	1 PR24X1FL	24 IN X 1 IN FLAT PRO-RING	
1 PR24X4FL	24 IN X 4 IN FLAT PRO-RING	1 PR24X6FL	24 IN X 6 IN FLAT PRO-RING	
1 50424-C	48 IN X 3 FT ECC POLYMER CONE 24 IN	1 50424-S	48 IN X 2 FT POLYMER MH SECTION	
1 70448-B116	48 IN X 4 FT POLYMER PRECAST BASE (FULL DEPTH PLUS 2" TROUGHING)	2	S106-16AWS NPC BOOT	
2 JM1.25	1.25 IN X 14 FT JOINT MASTIC ROLL	1 LADDER	LANE INTERNATIONAL LADDER	
<b>MH-008</b>	<b>48"-24" Polymer Manhole</b>	<b>9.94'</b>	<b>6,928</b>	<b>\$9,588</b>
1	24" PIMA COUNTY R&C	2 PR24X6FL	24 IN X 6 IN FLAT PRO-RING	
1 50424-C	48 IN X 3 FT ECC POLYMER CONE 24 IN	1 50424-S	48 IN X 2 FT POLYMER MH SECTION	
1 70448-B116	48 IN X 4 FT POLYMER PRECAST BASE (FULL DEPTH PLUS 2" TROUGHING)	2	S106-16AWS NPC BOOT	
2 JM1.25	1.25 IN X 14 FT JOINT MASTIC ROLL	1 LADDER	LANE INTERNATIONAL LADDER	
<b>MH-009</b>	<b>60"-30" Polymer Manhole</b>	<b>10.37'</b>	<b>11,161</b>	<b>\$10,975</b>
1	30" PIMA COUNTY R&C	1 PR30X1FL	30 IN X 1 IN FLAT PRO-RING	
1 PR30X4FL	30 IN X 4 IN FLAT PRO-RING	1 50530-C	60 IN X 3 FT ECC POLYMER CONE 30 IN	
1 50548-S	60 IN X 4 FT POLYMER MH SECTION	1 70536-B116	60 IN X 3 FT POLYMER PRECAST BASE (FULL DEPTH PLUS 2" TROUGHING)	
1	S106-16AWS NPC BOOT	2 S106-12AWS	S106-12AWS NPC BOOT	
4 JM1.25	1.25 IN X 14 FT JOINT MASTIC ROLL	1 LADDER	LANE INTERNATIONAL LADDER	
<b>MH-010</b>	<b>48"-24" Polymer Manhole</b>	<b>7.46'</b>	<b>5,477</b>	<b>\$8,485</b>
1	24" PIMA COUNTY R&C	1 PR24X1FL	24 IN X 1 IN FLAT PRO-RING	
1 PR24X6FL	24 IN X 6 IN FLAT PRO-RING	1 50424-C	48 IN X 3 FT ECC POLYMER CONE 24 IN	
1 70448-B116	48 IN X 4 FT POLYMER PRECAST BASE (FULL DEPTH PLUS 2" TROUGHING)	1 S106-12AWS	S106-12AWS NPC BOOT	
2	S106-14AWS NPC BOOT	1 JM1.25	1.25 IN X 14 FT JOINT MASTIC ROLL	
1 LADDER	LANE INTERNATIONAL LADDER			
<b>MH-011</b>	<b>60"-30" Polymer Manhole</b>	<b>5.76'</b>	<b>6,914</b>	<b>\$8,722</b>
1	30" PIMA COUNTY R&C	1 PR30X4FL	30 IN X 4 IN FLAT PRO-RING	
1 PR30X6FL	30 IN X 6 IN FLAT PRO-RING	1 50530-C	60 IN X 3 FT ECC POLYMER CONE 30 IN	
1 70524-B116	60 IN X 2 FT POLYMER PRECAST BASE (FULL DEPTH PLUS 2" TROUGHING)	3 S106-12AWS	S106-12AWS NPC BOOT	
2 JM1.25	1.25 IN X 14 FT JOINT MASTIC ROLL	1 LADDER	LANE INTERNATIONAL LADDER	
<b>MH-012</b>	<b>60"-30" Polymer Manhole</b>	<b>7.66'</b>	<b>7,839</b>	<b>\$9,614</b>
1	30" PIMA COUNTY R&C	1 PR30X1FL	30 IN X 1 IN FLAT PRO-RING	
1 PR30X2FL	30 IN X 2 IN FLAT PRO-RING	1 PR30X6FL	30 IN X 6 IN FLAT PRO-RING	
1 50530-C	60 IN X 3 FT ECC POLYMER CONE 30 IN	1 70548-B116	60 IN X 4 FT POLYMER PRECAST BASE (FULL DEPTH PLUS 2" TROUGHING)	
2	S106-14AWS NPC BOOT	1 S106-12AWS	S106-12AWS NPC BOOT	
2 JM1.25	1.25 IN X 14 FT JOINT MASTIC ROLL	1 LADDER	LANE INTERNATIONAL LADDER	
<b>Sub-Total</b>				<b>\$133,204</b>
<b>Freight/Delivery</b>				<b>\$7,750</b>
<b>Total Price for Mabel Sewer Improvements</b>				<b>\$140,954</b>



14555 Spring Canyon Road  
Boulder City, NV 89006

207 Heritage Court  
Sulphur Springs, TX 75482

702-824-9702  
www.armorock.com

**Quote Date:** 4/16/2020

**To:**

**Ref:** Mabel Sewer Improvements 60" MH Option  
Tucson, AZ

## Q U O T A T I O N

**Notes:**

1. Quote is subject to our standard terms, conditions, and shipping policies.
2. Payment is due at Net 30. Late Payment service charge for over 30 days will be charged at 18% APR
3. Quote is valid for 60 days from issue date to receipt of PO after 60 days quote is subject to change based off market value of materials.
4. All applicable taxes are to be paid by purchaser
5. If owner requires items to be grouted in field contractor is responsible for materials and labor costs incurred.
6. All loads will be billed at \$1550 per truck. Total of five(5) trucks needed for job. Customer will only be billed for trucks used. Additional trucks will be billed at market rate.
7. Freight requested under 3 days notice may be subject to increased freight rates
8. Products will be billed at unit pricing per quotation
9. Rush orders will be priced accordingly.
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11. Miscellaneous items such as grout, epoxy, and hardware are not included with the structures unless a specific line item is shown on this quote. Additional charges will apply for any extra items that are not shown on this quote.

**From:**



14555 Spring Canyon Road  
Boulder City, NV 89006  
207 Heritage Court  
Sulphur Springs, TX 75482  
702-824-9702  
www.armorock.com

For:

Ref: Mabel Sewer Improvements 60" MH Option  
Tucson, AZ

Quote Date: 4/16/2020

Structure	Description	Height	Weight	Price
<b>Diversion-001</b>	<b>72"-30" Lid Polymer Manhole</b>	<b>7.95'</b>	<b>13,458</b>	<b>\$16,043</b>
1	30" PIMA COUNTY R&C	1 PR30X4FL	30 IN X 4 IN FLAT PRO-RING	
1 50630-L	72 IN POLYMER MH LID 30 IN	1 50648-S	72 IN X 4 FT POLYMER MH SECTION	
1 70636-B116	72 IN X 3 FT POLYMER PRECAST BASE (FULL DEPTH PLUS 2" TROUGHING)	5 S106-12AWS	S106-12AWS NPC BOOT	
4 JM1.25	1.25 IN X 14 FT JOINT MASTIC ROLL	1 LADDER	LANE INTERNATIONAL LADDER	
<b>MH-001</b>	<b>60"-30" Polymer Manhole</b>	<b>12.66'</b>	<b>10,891</b>	<b>\$11,893</b>
1	30" PIMA COUNTY R&C	1 PR30X1FL	30 IN X 1 IN FLAT PRO-RING	
1 PR30X2FL	30 IN X 2 IN FLAT PRO-RING	1 PR30X6FL	30 IN X 6 IN FLAT PRO-RING	
1 50530-C	60 IN X 3 FT ECC POLYMER CONE 30 IN	1 50572-S	60 IN X 6 FT POLYMER MH SECTION	
1 70536-B116	60 IN X 3 FT POLYMER PRECAST BASE (FULL DEPTH PLUS 2" TROUGHING)	2	S106-16AWS NPC BOOT	
4 JM1.25	1.25 IN X 14 FT JOINT MASTIC ROLL	1 LADDER	LANE INTERNATIONAL LADDER	
<b>MH-002</b>	<b>60"-30" Polymer Manhole</b>	<b>12.39'</b>	<b>10,702</b>	<b>\$11,755</b>
1	30" PIMA COUNTY R&C	1 PR30X1FL	30 IN X 1 IN FLAT PRO-RING	
1 PR30X4FL	30 IN X 4 IN FLAT PRO-RING	1 50530-C	60 IN X 3 FT ECC POLYMER CONE 30 IN	
1 50572-S	60 IN X 6 FT POLYMER MH SECTION	1 70536-B116	60 IN X 3 FT POLYMER PRECAST BASE (FULL DEPTH PLUS 2" TROUGHING)	
2	S106-16AWS NPC BOOT	4 JM1.25	1.25 IN X 14 FT JOINT MASTIC ROLL	
1 LADDER	LANE INTERNATIONAL LADDER			
<b>MH-003</b>	<b>60"-30" Polymer Manhole</b>	<b>10.73'</b>	<b>10,000</b>	<b>\$10,944</b>
1	30" PIMA COUNTY R&C	1 PR30X1FL	30 IN X 1 IN FLAT PRO-RING	
1 PR30X2FL	30 IN X 2 IN FLAT PRO-RING	1 PR30X6FL	30 IN X 6 IN FLAT PRO-RING	
1 50530-C	60 IN X 3 FT ECC POLYMER CONE 30 IN	1 50548-S	60 IN X 4 FT POLYMER MH SECTION	
1 70536-B116	60 IN X 3 FT POLYMER PRECAST BASE (FULL DEPTH PLUS 2" TROUGHING)	2	S106-16AWS NPC BOOT	
4 JM1.25	1.25 IN X 14 FT JOINT MASTIC ROLL	1 LADDER	LANE INTERNATIONAL LADDER	
<b>MH-004</b>	<b>60"-30" Polymer Manhole</b>	<b>10.78'</b>	<b>10,479</b>	<b>\$11,236</b>
1	30" PIMA COUNTY R&C	1 PR30X4FL	30 IN X 4 IN FLAT PRO-RING	
1 PR30X6FL	30 IN X 6 IN FLAT PRO-RING	1 50530-C	60 IN X 3 FT ECC POLYMER CONE 30 IN	
1 50536-S	60 IN X 3 FT POLYMER MH SECTION	1 70548-B116	60 IN X 4 FT POLYMER PRECAST BASE (FULL DEPTH PLUS 2" TROUGHING)	
2	S106-16AWS NPC BOOT	1 S106-12AWS	S106-12AWS NPC BOOT	
4 JM1.25	1.25 IN X 14 FT JOINT MASTIC ROLL	1 LADDER	LANE INTERNATIONAL LADDER	
<b>MH-005</b>	<b>60"-30" Polymer Manhole</b>	<b>9.35'</b>	<b>9,432</b>	<b>\$10,682</b>
1	30" PIMA COUNTY R&C	1 PR30X1FL	30 IN X 1 IN FLAT PRO-RING	
1 PR30X4FL	30 IN X 4 IN FLAT PRO-RING	1 50530-C	60 IN X 3 FT ECC POLYMER CONE 30 IN	
1 50524-S	60 IN X 2 FT POLYMER MH SECTION	1 70548-B116	60 IN X 4 FT POLYMER PRECAST BASE (FULL DEPTH PLUS 2" TROUGHING)	
2	S106-16AWS NPC BOOT	4 JM1.25	1.25 IN X 14 FT JOINT MASTIC ROLL	
1 LADDER	LANE INTERNATIONAL LADDER			
<b>MH-006</b>	<b>60"-30" Polymer Manhole</b>	<b>8.57'</b>	<b>9,077</b>	<b>\$9,922</b>
1	30" PIMA COUNTY R&C	2 PR30X6FL	30 IN X 6 IN FLAT PRO-RING	
1 50530-C	60 IN X 3 FT ECC POLYMER CONE 30 IN	1 70555-B116	60 IN X 4 FT 7 IN POLYMER PRECAST BASE (FULL DEPTH PLUS 2" TROUGHING)	
1 S106-12AWS	S106-12AWS NPC BOOT	2	S106-16AWS NPC BOOT	
2 JM1.25	1.25 IN X 14 FT JOINT MASTIC ROLL	1 LADDER	LANE INTERNATIONAL LADDER	



14555 Spring Canyon Road  
Boulder City, NV 89006  
207 Heritage Court  
Sulphur Springs, TX 75482  
702-824-9702  
www.armorock.com

For:

Ref: Mabel Sewer Improvements 60" MH Option  
Tucson, AZ

Quote Date: 4/16/2020

Structure	Description	Height	Weight	Price
<b>MH-007</b>	<b>60"-30" Polymer Manhole</b>	<b>9.83'</b>	<b>9,860</b>	<b>\$10,887</b>
1	30" PIMA COUNTY R&C	1 PR30X1FL	30 IN X 1 IN FLAT PRO-RING	
1 PR30X4FL	30 IN X 4 IN FLAT PRO-RING	1 PR30X6FL	30 IN X 6 IN FLAT PRO-RING	
1 50530-C	60 IN X 3 FT ECC POLYMER CONE 30 IN	1 50524-S	60 IN X 2 FT POLYMER MH SECTION	
1 70548-B116	60 IN X 4 FT POLYMER PRECAST BASE (FULL DEPTH PLUS 2" TROUGHING)	2	S106-16AWS NPC BOOT	
4 JM1.25	1.25 IN X 14 FT JOINT MASTIC ROLL	1 LADDER	LANE INTERNATIONAL LADDER	
<b>MH-008</b>	<b>60"-30" Polymer Manhole</b>	<b>9.94'</b>	<b>9,762</b>	<b>\$10,883</b>
1	30" PIMA COUNTY R&C	2 PR30X6FL	30 IN X 6 IN FLAT PRO-RING	
1 50530-C	60 IN X 3 FT ECC POLYMER CONE 30 IN	1 50524-S	60 IN X 2 FT POLYMER MH SECTION	
1 70548-B116	60 IN X 4 FT POLYMER PRECAST BASE (FULL DEPTH PLUS 2" TROUGHING)	2	S106-16AWS NPC BOOT	
4 JM1.25	1.25 IN X 14 FT JOINT MASTIC ROLL	1 LADDER	LANE INTERNATIONAL LADDER	
<b>MH-009</b>	<b>60"-30" Polymer Manhole</b>	<b>10.37'</b>	<b>11,161</b>	<b>\$10,875</b>
1	30" PIMA COUNTY R&C	1 PR30X1FL	30 IN X 1 IN FLAT PRO-RING	
1 PR30X4FL	30 IN X 4 IN FLAT PRO-RING	1 50530-C	60 IN X 3 FT ECC POLYMER CONE 30 IN	
1 50548-S	60 IN X 4 FT POLYMER MH SECTION	1 70536-B116	60 IN X 3 FT POLYMER PRECAST BASE (FULL DEPTH PLUS 2" TROUGHING)	
2 S106-12AWS	S106-12AWS NPC BOOT	1	S106-16AWS NPC BOOT	
4 JM1.25	1.25 IN X 14 FT JOINT MASTIC ROLL	1 LADDER	LANE INTERNATIONAL LADDER	
<b>MH-010</b>	<b>60"-30" Polymer Manhole</b>	<b>7.46'</b>	<b>7,807</b>	<b>\$9,432</b>
1	30" PIMA COUNTY R&C	1 PR30X1FL	30 IN X 1 IN FLAT PRO-RING	
1 PR30X6FL	30 IN X 6 IN FLAT PRO-RING	1 50530-C	60 IN X 3 FT ECC POLYMER CONE 30 IN	
1 70548-B116	60 IN X 4 FT POLYMER PRECAST BASE (FULL DEPTH PLUS 2" TROUGHING)	1 S106-12AWS	S106-12AWS NPC BOOT	
2	S106-14AWS NPC BOOT	2 JM1.25	1.25 IN X 14 FT JOINT MASTIC ROLL	
1 LADDER	LANE INTERNATIONAL LADDER			
<b>MH-011</b>	<b>60"-30" Polymer Manhole</b>	<b>5.76'</b>	<b>6,914</b>	<b>\$8,622</b>
1	30" PIMA COUNTY R&C	1 PR30X4FL	30 IN X 4 IN FLAT PRO-RING	
1 PR30X6FL	30 IN X 6 IN FLAT PRO-RING	1 50530-C	60 IN X 3 FT ECC POLYMER CONE 30 IN	
1 70524-B116	60 IN X 2 FT POLYMER PRECAST BASE (FULL DEPTH PLUS 2" TROUGHING)	3 S106-12AWS	S106-12AWS NPC BOOT	
2 JM1.25	1.25 IN X 14 FT JOINT MASTIC ROLL	1 LADDER	LANE INTERNATIONAL LADDER	
<b>MH-012</b>	<b>60"-30" Polymer Manhole</b>	<b>7.66'</b>	<b>7,839</b>	<b>\$9,514</b>
1	30" PIMA COUNTY R&C	1 PR30X1FL	30 IN X 1 IN FLAT PRO-RING	
1 PR30X2FL	30 IN X 2 IN FLAT PRO-RING	1 PR30X6FL	30 IN X 6 IN FLAT PRO-RING	
1 50530-C	60 IN X 3 FT ECC POLYMER CONE 30 IN	1 70548-B116	60 IN X 4 FT POLYMER PRECAST BASE (FULL DEPTH PLUS 2" TROUGHING)	
1 S106-12AWS	S106-12AWS NPC BOOT	2	S106-14AWS NPC BOOT	
2 JM1.25	1.25 IN X 14 FT JOINT MASTIC ROLL	1 LADDER	LANE INTERNATIONAL LADDER	
<b>Sub-Total</b>				<b>\$142,688</b>
<b>Freight/Delivery</b>				<b>\$7,750</b>
<b>Total Price for</b>	<b>Mabel Sewer Improvements 60" MH Option</b>			<b>\$150,438</b>

JENCO CONSTRUCTION, LLC  
 DBA **OLSON CONCRETE STRUCTURES**  
 4303 N. ROMERO RD., TUCSON, AZ 85705  
 AZ ROC # 280413



**Date:** 4/7/2020  
**Phone:** 520-888-3459  
**Fax:** 520-888-3468  
**Email:** [jerry@olsoncs.com](mailto:jerry@olsoncs.com)  
**To:** ALL BIDDERS  
**Attention:** ESTIMATING DEPARTMENT  
**Contact Info:**  
**Address:**

**Job Name:** MABEL SEWER IMPROVEMENTS

**Standard Excludes:** Excavation, shoring, traffic control, night work, access, permits, taxes, special insurance and bonding, coatings, cores, drops, engineering, final grade ring adjustment, hand rails, aprons, pipe work, gaskets, demolition, trash racks, flow management, plugs larger than 8", flow thru plugs, water stop, back fill, compaction, inspections, concrete testing, concrete pumps, and excessive standby. Olson CS must have proper access for ready mix trucks and boom trucks. If there is not enough access the contractor will be responsible for providing a piece of equipment to either pour our ready mix or set the precast we provide. Prevailing wage is excluded unless noted below.

CITY	JOB LOCATION
TUCSON	

ITEM	DESCRIPTION	EACH	UNIT PRICE	TOTAL
1	72" SANITARY SEWER MANHOLE ON 8" PIPE PER PCRWRD 201 COMPLETE IN PLACE	1.00	\$8,976.00	\$8,976.00
2	48" SANITARY SEWER MANHOLE ON 12" PIPE AVG D=9.64	12.00	\$3,412.00	\$40,944.00
	MHS INCLUDE: CIP BASE, PRECAST STACKOUT, 30" OR 24 RING & COVER (WATERTIGHT AS NOTED) JOINT SEALANT, BOOM TRUCK & CREW TO STACK MATERIAL, GROUT, STEPS			
	PRICE GOOD FOR 30 DAYS FROM DATE OF PROPOSAL			
			SUBTOTAL	\$49,920.00
			TAX IF APPLICABLE	EXCLUDED
			TOTAL	\$49,920.00

THANK YOU FOR YOUR BUSINESS!!!!  
 JERRY LEE

If you are in agreement with the terms and conditions please sign and return. Olson Concrete Structures must have a signed copy of this quote prior to mobilizing onsite to begin construction.

On Behalf of the Contractor

Jerry Lee, General Manager  
 Olson Concrete Structures





ARIZONA DIVISION  
4801 E. WYOMING STREET  
TUCSON, AZ 85706  
PH: (520) 748-1607  
FAX: (520) 748-1698

## QUOTATION

Project Name: Mabel Sewer Improvements (3SAC15)  
Project Location: Tucson, AZ  
Customer Name: Hunter Contracting Co  
Attn To: Guillermo Aquirre  
Phone: (520) 744-0722

Quote Number: Q-00050226  
Quoted Date: 4/17/2020  
Quoted By: John Suor

ITEM	QTY	UOM	DESCRIPTION	PRICE EACH	EXT PRICE
1	10.00	Each	60in PRECAST MANHOLE TUCSON MATERIAL ONLY, NO FIELD SERVICES INCLUDES: Precast base with cores and boots for pipe, 48" barrel sections, flat tops in lieu of cones for ease of installation, 24" diameter concrete grade rings, 24" diameter cast-iron ring and covers per municipality or county jurisdiction on the plans, con seal, steps, material only delivery per specified delivery code below. Note: Manholes manufactured per RWRD 200,202,206 EXCLUDES: Labor, materials and equipment onsite to set, grout, vacuum test, insecta spray, interior/exterior coating systems (By Customer), Any additional items or services not specifically included in this line item. EQUIPMENT: Customer may rent or purchase lifting straps and/or knuckles to set product. If customer rents the equipment a deposit will be required and will be refunded if the equipment is returned in good condition. Ship Code: <b>DELIVERED - F.O.B TRUCK</b>	\$3,795.00	\$37,950.00

**GRAND TOTAL: \$37,950.00**

Includes: Please allow minimum 72 hours from request for delivery to receipt of goods. This is in addition to the time required for manufacturing of the product, which will be determined upon receipt of purchase order. If the material is loaded and subsequently cancelled by the customer, a minimum restocking fee of \$300.00 will apply to each load.

ALL ORDERS ARE SUBJECT TO CREDIT APPROVAL AND ACCEPTANCE BY SELLER.  
QUOTED PRICES DO NOT INCLUDE SALES TAX ON PRECAST ITEMS.  
A 3% CREDIT CARD SERVICE FEE MAY BE ADDED FOR ALL CREDIT CARD PAYMENTS.  
DELIVERY TRIPS, SETTING TIME, OR MATERIALS NOT NOTED ABOVE WILL BE BILLED ACCORDINGLY.  
OFFER TO SELL SUBJECT TO JENSEN PRECAST'S COMPANY POLICIES, TERMS AND CONDITIONS.  
PLEASE REFER TO <https://www.jensenprecast.com/legal/Terms-And-Conditions-Tucson.pdf> FOR COMPLETE TERMS AND CONDITIONS WHICH ARE HEREBY INCORPORATED BY REFERENCE  
ALL SPECIALIZED PRODUCT MAY BE SUBJECT TO A DEPOSIT PRIOR TO SUBMITTALS AND/OR PRODUCTION  
QUOTATION IS VALID FOR 30 DAYS. THANK YOU FOR CHOOSING JENSEN PRECAST!

BY CUSTOMER

John Suor

BY JENSEN PRECAST



ARIZONA DIVISION  
4801 E. WYOMING STREET  
TUCSON, AZ 85706  
PH: (520) 748-1607  
FAX: (520) 748-1698

Quote Number: Q-00050226

Quoted Date: **4/17/2020**

-----  
CUSTOMER PO

CONTACT INFORMATION

Email: [jsuor@jensenprecast.com](mailto:jsuor@jensenprecast.com)

Phone: +1 (520) 719-6125

# **JENSEN PRECAST**

## **ORDERING INSTRUCTIONS**

Please refer to the quotation number and date on all orders. Indicate desired delivery dates, quantities and item priority if applicable. Please contact our office for delivery schedules. Delivery lead-time will be estimated upon receipt of order and is based on actual demand at that time. Any dates discussed prior to order are non-binding estimates. Orders for non-standard products should be accompanied by specifications, and blueprints or scale drawings. Notify us as soon as possible to insure prompt delivery.

## **SHIPPING POLICY**

1. Jensen Precast accepts responsibility for proper installation and assembly of its products when installed or supervised by its authorized representative. Any product handled, moved, or installed by others, nullifies the responsibility of Jensen Precast.
2. The customer will be prepared to receive products at the specified delivery time. Excessive unloading or stand-by time, resetting or re-delivery not caused by Jensen Precast will be charged at the hourly rate for the equipment involved.
1. The customer will be solely responsible for the following: A. Finish grade, leveling, and position of product.
2. Grouting, and/or sealing of vault sections, grade rings, risers, frames and covers, pipes, etc.
3. Excavation, bedding, shoring, backfilling, compacting and grading.
4. Water and/or flotation control.
5. Setting and adjusting ladders, racking, grates or other hardware.
6. All other site work not specifically referred to.
7. Equipment belonging to the company cannot be left at any jobsite for the purpose of unloading or setting by others unless previously agreed to in writing between Jensen Precast and the customer.
8. Carriers are responsible for goods lost or damaged in transit. Damages or shortages should be indicated on the carrier's delivery receipt and any claims should be made in writing directly to the carrier.
9. All products are to be delivered in the number of trips specified. Charges will be added for additional trips.

## **COMPANY POLICIES TERMS AND CONDITIONS**

THE POLICY TERMS AND CONDITIONS, DELINEATED HEREIN SHALL APPLY TO ALL QUOTATIONS, OR OFFERS TO SELL

1. Goods To Be Provided: Jensen Enterprises, Inc. dba Jensen Precast ("Jensen Precast") agrees to sell to Customer, on the terms and conditions stated herein, the materials and related items (the "goods") identified in Jensen Precast's quotation to Customer. Customer is solely responsible for determining whether the goods listed are the correct types and/or sufficient in number to meet Customer's needs and/or requirements. Jensen Precast's offer to sell is based on customer approval of Jensen Precast standard product drawings or submittals, and not in accordance with any plans and specifications, unless agreed to in writing by a duly authorized representative of Jensen Precast.
2. No Additional Terms Of Sale: Customer's acceptance of Jensen Precast's quotation is limited to these Terms and Conditions of Sale. Any new or different terms or conditions stated or proposed by Customer in its acceptance of Jensen Precast's quotation or in any accompanying or related purchase order or other document are hereby rejected by Jensen Precast and shall not be binding upon Jensen Precast. The entire contract is embodied in this writing. This writing constitutes the final expression of the parties' agreement, and it is a complete and exclusive statement of the terms of that agreement.
3. Payment Terms: Jensen Precast may require payment in full prior to manufacture or shipment of any goods. If Jensen Precast agrees to provide materials on a "Cash on Delivery" basis, payment in full is due upon arrival of Jensen Precast's equipment, prior to setting of product or unloading of trucks. Credit sales will be made only after receipt of a signed Jensen Precast credit application and written credit approval by Jensen Precast's credit manager. On all credit sales, payment in full is due within 30 days after Customer's receipt of materials or services. Customer agrees to pay a service charge of 1.5% per month on all invoices not paid when due. At its option, Jensen Precast may decline to make delivery or shipment to Customer if any invoice remains past due. Customer waives and releases any claim against Jensen Precast for loss or damage allegedly sustained by Customer as a result of Jensen Precast's refusal to make delivery or shipment under such circumstances. All payments shall be made in U.S. dollars and, unless otherwise designated by Jensen Precast in writing, shall be sent to Jensen Precast's Corporate Office, 825 Steneri Way, Sparks, NV 89431.
4. Price: The price(s) stated in Jensen Precast's quotation to Customer are firm for 30 days. The prices stated in Jensen Precast's quotation are subject to sales and use tax in accordance with Section 425061 of the Arizona Revised Statutes and Title 15, Chapter 5 of the Arizona Administrative Code. Customer shall reimburse Jensen Precast for all sales and use taxes imposed upon: (a) the sale of the goods; and/or, (b) the use of any materials consumed by Jensen Precast; and/or, (c) the sale of any fixtures or equipment incident to this contract. Prices are subject to delivery charges unless quoted as delivered (see shipping code definitions on quotation). Jensen Precast reserves the right to increase the cost of delivery or shipment if Customer increases mileage or number of trucks specified in the original quotation. Prices quoted are based on quantities indicated, and on customer acceptance of the entire quote. Jensen Precast reserves the right to accept or reject partial orders.
5. Time For Performance: Jensen Precast will endeavor to meet any reasonable shipping date(s) requested by Customer. However, Jensen Precast does not guarantee that the goods will be furnished by any particular date. All shipping dates stated or indicated are estimates only and are based upon conditions known at the time the dates were stated or indicated. Jensen Precast shall not in any event be liable for any loss or damage sustained by Customer on account of failure to meet any delivery or shipping date.
6. Delivery: Customer or its designated representative shall be prepared to unload, receive, and accept the goods at the time specified on the order. Customer shall provide assistance in delivering the goods, including but not limited to assisting in

Jensen Precast, and providing a setting location for the truck, crane or other delivery equipment that is acceptable to Jensen Precast. Jensen Precast shall not be liable for any property damage arising from or related to delivery of the goods, including without limitation damage to sidewalks, curbs, fences, valves, conduit, pipes, concrete, asphalt, lawns, trees, or landscaping. All excessive unloading or stand-by time, resetting or re-delivery will be charged for at the current hourly or mileage rates of the equipment involved. If for any reason Jensen Precast cannot set the goods at the time of delivery, Customer shall be responsible for setting the goods by other means, at no cost to Jensen Precast.

7. **Customer Responsibilities:** The Customer or its designated representative shall be solely responsible for accomplishing the following:
  1. Finish grade, leveling and position of the goods.
  2. Grouting and/or sealing of vault sections, grade rings, risers, frames, covers, pipes or similar structures, unless a duly authorized representative of Jensen Precast has stated in writing that Jensen Precast will perform installation and sealing of the goods.
  3. Excavation, bedding, shoring, backfilling, compacting and grading.
  4. Water and/or flotation control.
  5. Setting and adjusting ladders, racking, grates or other hardware.
  6. Providing a one- or two-person ground crew to assist the Jensen Precast crane operator.
  7. All other site work not specified above.
8. **Returns:** The goods shall not be returned for credit without prior written authorization and approval by a duly authorized representative of Jensen Precast. A minimum handling charge of 15% plus actual shipping or delivery costs shall be made on all goods returned to compensate for costs of accounting, reconditioning, restocking and delivery, except when due to fault or error of Jensen Precast. No credits shall be allowed on used, damaged, custom, specially ordered or specially manufactured goods. Customer shall bear the cost of any labor, damage or transportation associated with return of the goods.
9. **Equipment:** Unless otherwise agreed to in a writing signed by a duly authorized representative of Jensen Precast, equipment belonging to Jensen Precast cannot be left at any job site for the purpose of unloading or setting by others.
10. **Project Information:** Customer agrees to furnish to Jensen Precast promptly upon request all project information necessary for Jensen Precast to perfect or provide notice of its mechanic's lien, stop notice, and/or payment bond rights.
11. **Force Majeure:** Jensen Precast will not be liable for any delay or for failure to perform its obligations hereunder resulting from any cause beyond Jensen Precast's reasonable control including, but not limited to: Customer's failure to timely supply Jensen Precast with necessary data or specifications; any changes in such data or specifications at Customer's request; fires; explosions; floods; acts of God; epidemics; quarantine; embargoes; strikes; work stoppages or slowdowns or other industrial disputes; accidents; riots or civil disturbances; acts of civil or military authorities; inability to obtain any license or consent necessary in respect of any the goods; inability to obtain equipment, materials, labor, fuel or supplies; and delay by suppliers or material shortages.
12. **Limited Warranty:** For a period of one year from the date of shipment or delivery to Customer, Jensen Precast warrants all of the goods which it has manufactured to be free of material defects. If any such goods are found to be materially defective during the warranty period, Jensen Precast agrees to, in its sole discretion, repair or replace the defective goods without charge to Customer. Customer's remedy with respect to such goods is limited to repair or replacement. For goods not manufactured by Jensen Precast, Customer agrees to accept as its sole remedy the warranty, if any, offered by the manufacturer or manufacturers of such goods. **AS TO ALL GOODS SOLD BY JENSEN PRECAST TO CUSTOMER, THE WARRANTY DESCRIBED IN THIS PARAGRAPH SHALL BE IN LIEU OF ANY OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. JENSEN PRECAST SHALL NOT BE LIABLE FOR ANY SPECIAL, INDIRECT, INCIDENTAL, CONSEQUENTIAL OR LIQUIDATED DAMAGES OF ANY KIND, WHETHER THE CUSTOMER'S CLAIM IS BASED UPON CONTRACT, TORT OR ANY OTHER LEGAL THEORY.**
13. **Indemnity:** Customer is solely responsible for the selection, installation, and use of the goods. Therefore, to the fullest extent permitted by law, Customer agrees to defend and indemnify Jensen Precast from and against any claim for loss or damage, including attorneys' fees and experts' or consultants' fees, arising from or relating to such selection, installation, and use. This indemnity applies regardless of any active and/or passive negligent act or omission on the part of Jensen Precast or its employees; provided, however, Customer shall not be obligated to indemnify Jensen Precast for the sole negligence or willful misconduct of Jensen Precast or its employees.
14. **Risk of Loss:** The risk of loss shall pass to Customer based on the applicable shipping code:
  1. "Delivered and Set": Risk of loss shall pass to Customer when Jensen Precast's delivery truck has unloaded the product.
  2. "Delivered - F.O.B. Truck": Risk of loss shall pass to Customer when Jensen Precast's delivery truck arrives at Customer's jobsite.
  3. "Delivered and offloaded": Risk of loss shall pass to Customer when Jensen Precast's delivery truck arrives at Customer's jobsite.
  4. "F.O.B. Jensen Precast Yard": Risk of loss shall pass upon tender of delivery of the goods to a common carrier or Customer's truck. Buyer shall procure and maintain insurance on the goods sufficient to protect its interests.
15. **Dispute Resolution:** All disputes arising from or relating to these Terms and Conditions of Sale and/or the furnishing of any goods by Jensen Precast to Customer shall be heard and decided exclusively in a State or Federal Court located in the state of Arizona. These Terms and Conditions of Sale shall be construed and enforced in accordance with the laws of the State of Arizona. In any legal proceedings, the prevailing party shall be entitled to recover its reasonable attorneys' fees and costs.
16. **Submittals and Tests:** Jensen Precast reserves the right to charge customers for the cost of submittals, engineering or tests that are in addition to those customarily provided.
17. **Custom Products:** Jensen Precast will charge customer for any work completed at the time of cancellation of a custom or special order. All custom orders will be invoiced to customer if not released for delivery within 30 days past estimated date of delivery.
18. **Storage Fees:** For every month beyond the requested manufacture date that the product remains in Jensen Precast's possession, a fee of 1% per month of total sale price of product will be added to the invoice total due upon final

19. Invoice Date: Customer will be invoiced for product at either, date of delivery or 60 days past date of originally requested delivery/pick up date.

## SHIPPING CODE DEFINITIONS

### Code #1 - DELIVERED AND SET

Quoted prices include product delivery and setting with our boom truck subject to the following provisions:

1. Jensen Precast will provide driver/crane operator services only using Jensen Precast's boom truck.
2. Customer will be solely responsible for all other site work associated with setting and installing this product unless specifically referred to in writing.
3. Most products require assistance from the customer in setting (generally one or two laborers). Contact Jensen Precast for the specific requirements of each product.
4. The customer will provide a properly prepared, sized and graded, excavation. Access and setting location for our boom truck must be acceptable to our driver or representative.
5. Since site conditions, products, and delivery equipment vary, the logistics must be considered to determine the best approach for setting the product. Attention must be given to the variables of the set, including:
  1. Capacity of the Jensen Precast boom truck and truck crane to be used.
  2. The maximum product weight relative to the setting distance from the center of the crane to the center of the excavation cannot exceed the boom truck rated capacity.
  3. The route to the setting location must be accessible for the boom truck without towing or pushing.
  4. The type of terrain, site slope, and ground conditions for outrigger footings, at the setting location.
  5. Overhead restrictions and other physical constraints
6. Any or all of the above could prevent Jensen Precast from setting the product. In cases where Jensen Precast cannot set the product, we will off load the product in accordance with shipping code definition #3 herein.

**NOTE:** If for any reason Jensen Precast cannot set the product, Jensen Precast will not be responsible, or charged, for setting by any other means.

### Code #2 - DELIVERED - F.O.B. TRUCK:

Quoted prices include product delivery to the job site only; "Free On Board" the truck. Generally, this would be a flatbed truck without a crane or other unloading equipment subject to the following provisions:

1. The company will provide driver services only and the customer will supply means of unloading and setting products.

### Code #3 - DELIVERED AND OFFLOADED:

Quoted prices include product delivery to the job site and unloaded from our truck subject to the following provisions:

1. Jensen Precast will provide driver services and a means of unloading products.
2. The customer will provide an acceptable location for unloading and storing products, and the means for setting the product in the permanent location.

### Code #4 - F.O.B. - JENSEN PRECAST YARD

Quoted prices include product loading on customer or common carrier trucks in the yard subject to the following provisions:

1. Customer will be responsible for any additional charges, including charges for freight, shipping, delivery and setting.
2. Customer or common carrier will be responsible for tie down, dunnage, pallets, etc., unless specifically referred to.
3. Yard location will be addressed in section one of the quotation.

### Code #5 - OTHER AS SPECIFIED

If not specified in section one of this quotation, please consult our office for more specific information or written clarification.

### Code A - DELIVERED IN FULL TRUCK QUANTITIES OR A COMBINED SHIPMENT:

Quoted prices include delivery and/or setting as delineated above in codes 1, 2 or 3:

1. Delivered in combination with other products in the quotation.
2. Delivered when Jensen Precast is otherwise on the jobsite.
3. Delivered in full truckload quantities.

### Code B- Delivery Pre-Attached

Quoted prices include item pre-attached or installed on an item that is also being delivered.

### Code C- Assembled and Sealed

Jensen Precast will provide delivery as specified in the quote per codes 1-5 above, and will additionally provide assembly and sealing of the structural components of the vault or tank. Customer will be responsible for installing and sealing grade rings, rings and covers, and any other installation or site work required.

PROPOSAL / CONTRACT  
Lee's Asphalt is a COT SBE Certified

04/13/2020

Hunter

PROJECT: Mable Sewer Improvements (3SAC15)  
PLANS: Pima County and Stantec  
Plans Public Sewer Improvements 1-16

SCOPE OF WORK: Patch work to use Pag 2A mix will just install or remove up to 4in of ABC grade and install up to 4in of Pag2 A pavement then mill Haul off clean tack and install 2in of TDOT mix Pg 76-22 no traffic control or restriping in this cost.mob cost for Patching is in the cost to mob out the mill would be 6500.00 Per mob of the mill after the first mob should be able to mill project complete in one mob.

1. Install up to 4in of new pavement replacement complete in place per plans and specs (remove and haul off up to 4in of material to set grade for up to 4in of new pavement no ABC will be placed)  
1,020 SY @ \$ 70.35 Per SY \$ 71,757.00\*
2. Install up to 4in of New pavement no grading or abc removal jst install only  
1,020 SY @ \$ 63.10 Per SY \$ 64,362.00\*
3. To mill haul off and clean and tack then install 2in of New TDOT mix HV 2 PG 76-22 TR oil per plans no traffic control or restriping in this cost  
2,592 SY @ \$ 32.15 Per SY \$ 83,332.80\*

\*Taxes not added to price

\*Pavement must be approved for placement.

\*Bond can be supplied at an added cost

**Asphalt Material Escalation Clause:** Due to the volatility of oil pricing, all suppliers will only quote for a 30-day period.  
**With a signed Contract, I can usually get the quote locked in for up to 90 days at time of bid price for Pag 2A is 59.00 per ton and TDOT HV 76-22tr is 76.00 at the plant.**

**EXCLUDES:** Unless listed above

- Any and all Grading, Demo, Concrete,
- No cleanup and/or hauling of debris by others
- Traffic control, Striping, Utility adjustments, Demo of any kind
- Site Work grading, Fine or landscape grading, herbicide treatments,
- Unforeseen conditions, obstructions, items not specifically mentioned in inclusions, Acts of God
- Taxes, Bonds, Permits, Testing, Sampling, Engineering, Surveying, Staking, S.W.P.P.'s, N.P.P.P.'s, A.D.E.Q.'s
- Prevailing wages, More than one mobilization

All other labor, equipment, and/or materials requested, will be extra charge above contract price

NOTE: This proposal may be withdrawn, if not accepted within 30 days.

WARRANTY: 2 year for Material and/or workmanship.

TERMS: Payment net 30 per monthly invoices

Submitted by Jeremy A. Petroskus Jeremy Petroskus/ Estimator / (520) 360-8193

ACCEPTANCE: You are hereby authorized to furnish all materials, labor, and equipment necessary to complete this work, for which the undersigned agrees to pay the full amount, and according to the terms thereof. A service charge of 2% per month will be charged to all accounts over 30 days. Buyer also agrees to pay all fees incurred including but not limited to attorney's fees, in collection of this account.

Accepted by \_\_\_\_\_ Dated \_\_\_\_\_



# TUCSON ASPHALT

## CONTRACTORS

INC.

**EQUIPMENT**  
WORLD contractor of the year

Marvin M Black Award Winner  
Certified S.B.E.

April 14, 2020

TAC Estimate No.: 20-0409

Hunter Contracting Co.  
6930 N. Camino Martin  
Tucson, AZ 85741

Attention: Guillermo Aguirre  
Phone: 520-268-7604  
Email: Guillermo.aguirre@huntercontracting.com

Reference: Pima County Regional Wastewater Reclamation District  
Mabel Street Improvement (3SAC15)  
Tucson, AZ

Guillermo,

Tucson Asphalt has prepared the following pricing for the above referenced project.

Item	Description	Quantity	U of M	Unit Price	Total
1	Trench Patch 4" – 6" PAG 216	1,475	SY	\$48.45	\$71,463.75
2	2" Mill and Overlay TDOT 2 HV	2,592	SY	\$33.30	\$86,313.60
3	Trench Patch Mobilization	5	EA	\$750.00	\$3,750.00
4	Mill and Overlay Mobilization	3	EA	\$1,000.00	\$3,000.00

#### Clarifications:

1. Item 1 - based on approximately 2,570 lf of trench @ 5' total width. All saw cutting, removals, backfill are by others. Hunter to remove trench plates if used. AC to be installed in a maximum of two lifts. A minimum of 300 SY of contiguous trench patching shall be provided per mobilization.
2. Item 2 - scope includes cut and load into trucks hauled to an approved dump location. Sweep and clean street. Tack coat @ approx. .08 to .10 gal/sy. Furnish, deliver and install 2" compacted asphalt TDOT 2 HV w/ PG76-22 TR+ oil. Adjustment of utilities to include lowering and/or raising to finish grade are by others. There are three separate mill/pave areas shown on plans. A minimum of one complete area shall be provided per mobilization, minimum of 812 SY per mob.
3. Item 3 – mobilization for trench patching.
4. Item 4 – mobilization for milling and 2" paving.

#### Clarifications:

- All traffic control, barricading, off-duty officers are by others.
- All striping (temporary and permanent) is not included in our pricing.
- Work to be completed during weekday daytime work hours for the City: 9:00 AM to 3:00 PM.
- Adjustment costs to raise and/or lower utility valves, manholes, etc are not included.

- The mill and repave work is subject to the availability of the proposed mix (TDOT 2). With a special oil and minor quantity, material suppliers may not be equipped to supply this mix until a larger project starts requiring the same mix. We have not included added surcharge costs that may apply to supply the mix that is not being readily produced.
- We have not included any costs to install any type surface treatment on the new/existing pavement should it be required by the City.
- NO RETENTION TO BE WITHHELD unless held by the City.

The following items are **included** with this proposal:

1. All labor, equipment, and materials required to perform the above scope of work as detailed and clarified below.
2. Quantities are supplied for reference only. Final payment will be based upon field quantities measured and agreed to between Tucson Asphalt and owner's representatives and multiplied at the applicable unit price.

The following items are **excluded** from this scope of work.

1. Survey and layout, inspections and quality control.
2. Construction and/or material sales tax.
3. Cost of bonds (payment and performance) (1%).
4. This proposal remains valid for 30 calendar days from dated indicated above.
5. Traffic control, law enforcement officers are excluded.
6. Davis-Bacon wages and certified payrolls are not included.
7. All items of work not specifically included.

Please feel free to call or email me with any questions you may have. Thank you.

Sincerely,  
Tucson Asphalt Contractors, Inc.

Allen Sheppard  
Chief Estimator / Division Sales Manager  
C: 520-990-9254



## Tucson Asphalt Contractors, Inc. Standard Terms

**1) Buyer's Responsibilities** are to Read all handouts and these standard terms, towing company costs to relocate vehicles parked in the work area, keeping the worksite dry and free of water including temporarily turning off landscape water 48 hours or more before work begins and until seller deems the work to be complete; maintaining barricades and closures after Sellers' employees have left the jobsite and until the Buyer is instructed by Seller that barricades may be withdrawn. **2) Payment Terms** are Net 30. **3) Cancellation/Stop Work.** Prices are valid for only 10 days from date of proposal. Seller may suspend, discontinue or cancel the work, when in the Seller's opinion; a financial loss is eminent, plans, specifications, or directives are unclear, payment for the work may be delayed or it appears the project is not adequately funded, or when, "in the Seller's opinion", a hostile, unhealthy, illegal or unsafe work environment exists, or when seasons or weather may threaten the finished product. All invoices for work partially completed will become immediately due upon Seller's written or verbal notice of work suspension, or cancellation. **4) Standard Exclusions.** The Buyer's responsibilities include sales tax, permits, bond costs, primary traffic control, construction water costs, saw cutting, sweeping, striping, prime, tack or seal coat, utility adjustments, materials or equipment that are not locally available or commonly utilized, notification of businesses, residents, or third parties. Labor exclusions include training classes, extra labor costs associated with crews waiting, guard services, prevailing wages, certified payroll, night, overtime, weekend or holiday work, non-standard or unsafe labor practices. Costs for additional items not specifically proposed will be invoiced at a \$65.00 per man hour. Equipment rentals, materials, subcontractor costs, permits, fees, additional insurance, surcharges and escalators and all other excluded extra costs will be invoiced at cost plus 15% markup plus applicable sales tax. Time and material, rate sheets are available upon Buyers request. **5) Engineering Exclusions** include survey, layout, engineering, permits and testing. Sellers' best efforts are directed to eliminating standing water, however we do not guarantee complete and immediate run off in areas where less than 1/2 of 1% of fall occurs, overlay areas, or areas graded by others. Seller is not responsible for altering courses of drainage or the effects of elevation changes. Failing pavements in front of dumpsters, weeds or grass growing through pavements, sinking trenches backfilled by others, and the effects of striping layout or stripe changes are not guaranteed or covered under warranty. All responsibility & liability related to installing or resurfacing speed bumps, humps, or berms, is that of the Buyer. **6) Alterations** or deviations from the work proposed involving extra costs may be executed upon written or verbal orders at Sellers' discretion and the increase will be added to the original price. The costs for any and all items not specifically mentioned in this proposal will be added to the original price. **7) Quantities** are approximate and should the actual field measured quantity of the finished product exceed the proposed quantity, the increase will be added to the original price. Should the actual field measured quantities be less than that proposed, no decrease will be subtracted from the original price. **8) Competitive bidding.** When a Buyer publishes quantities for the purpose of bidding and does not publish an intention to or not to, actually field measure the completed work prior to the bid, the original bid quantities shall be the minimum pay quantity regardless of Buyers' decision to measure the completed work and/or Buyers' attempts to reduce the pay quantity after the bid. **9) Contamination** of sub base discovered during the course of our work including, but not limited to petroleum or other hazardous, illegal, or unhealthy materials, will be cause for work suspension, with work to recommence after the condition has been remediated by Buyer. **10) Soil Conditions** and Depth. Due to inability to anticipate sub base conditions and asphalt depth, the contract price, unless proposed otherwise, is based on re-compacting the existing base. It is assumed that asphalt removal and replacement is limited to 2" maximum, unless an otherwise thickness is proposed. Increased costs for materials, labor and equipment, will be added. Repair of heavy equipment and truck damage to existing pavements and surroundings, as a result of our work, is the Buyers' responsibility and may add increased costs to repair. Warranties may be withdrawn for all or part of the work should the Buyers' direction to precede conflict with the recommendation of the Seller. Costs for excavating hard rock, concrete, or caliche will be added to the original price on a time and materials cost basis, see item 3 above. **11) Underground Utilities.** Seller is not responsible for underground lines or utilities that are buried below the work surface. The Buyer assumes responsibility for damage to any and all utilities and Sellers' equipment, unless he/she has supplied plans or diagrams that accurately locate utilities. **12) Warranty.** Seller represents its completed work to be at or above the standard of the industry as defined by alike jobs performed under similar circumstances and further warrants its completed work to the original owner, to be free of defects in workmanship, however subject to limitations of theoretical quantities, and work items proposed. Repairing damage caused by normal wear and tear, abuse, weather, third parties and Acts of God are not covered. Seller will, at Sellers' option, repair or replace limited and affected areas, defective in workmanship and materials, provided written notice of the claim is received by Seller within (1) years from the installation date of the work, "(4) years for Green Rubberized Asphalt™ against surface raveling or peeling" unless an otherwise term is specified by Sellers' proposal. Warranty is void until all monies due are paid, including any and all change order monies collection fees and interest. Warranties may be withdrawn for all or part of the work should the Buyers' direction to precede, conflict with the recommendation of the seller. **Should this contract be between Seller and the Property Owner, "Pursuant to Arizona law we are required to inform you of your right to file a written complaint with the Registrar of Contractors for an alleged violation of Arizona Revised Statutes Section 32-1154, subsection A. Any complaints must be made within the applicable time period as set forth in section 32-1155, subsection A. The ROC can be contacted at (602) 542-1525 or on line at <http://www.azroc.gov>. We request that if any portion of our work is unsatisfactory that you notify us prior to filing a complaint so we can attempt to resolve any concerns."** **13) Oil spot primer** may be used in an effort to better bond sealer to automotive oil spots, however, sealer will not adhere to areas where clay or silt soils, petroleum products or other possibly unknown materials have penetrated and softened the pavement surface or structure. New oil spills can be best treated with powdered laundry detergent as an absorbent. **14) Pavement Cracks.** All PAVEMENTS CRACK, new and old pavements crack and cracks reflect through pavements. Not all sealed cracks are filled flush to the pavement surface. Hot crack sealer shrinks when it cools and it is normal for cracks not to be filled to the surface, for this reason Seller proposes crack sealing, not crack filling. Crack sealing prevents moisture penetration of the sub-base, prolongs pavement life and is not represented to improve appearance. **15) Paving Fabric Membranes** are not proposed for use under canopies and are proposed in accordance with manufacturers specifications and do not cover the entire surface of pavements we overlay. Membranes delay but do not eliminate reflective cracking. Membranes provide an effective barrier that prevents moisture penetration of the sub-base and are highly recommended under overlays. **16) Scuffing from power steering marks and tire friction is normal.** These areas will knead in and blend in appearance in time. During periods of high heat, a light spray of water in the afternoon heat will encourage surface curing and lessen scuffing. **17) Sealcoat is photo-sensitive** and during periods of winter shade sealer may not cure in shaded areas. **Seller recommends Green Rubberized Asphalt™ be sealed at the end of its 4th year and every 6 years thereafter. New conventional asphalt should be sealed within its 1st week using a fog seal only and every 1 - 3 years thereafter with a fog or Masterseal.** Cement finishing of new pavement speeds the cure, lessens scuffing and eliminates seal coating for up to 5 years. **18) World oil prices** are beyond Sellers control and our suppliers will not guarantee the price of asphalt for more than 30 days, therefore: increases above today's proposal price of \$ \_\_\_\_\_ per ton, may be added to the price, furthermore when Seller is the subcontractor, it is the responsibility of the Buyer/Contractor that Seller is working for to arrange for similar price Protection with the Entity the Buyer is working for. **19) Time.** Seller intends to provide the work with as little delay as possible, but Seller will not be responsible for delays such as market forces, weather, landscape or other water sources, vehicles and other trades in Sellers' work areas, and other unforeseen conditions. Should Sellers' work be delayed by the fault or instruction of the Buyer, Seller may recover any and all delay costs from the Buyer, see costs as outlined in item 3 above. **20) Proposal is based** on Seller completing work within \_\_\_\_\_ days of mobilization and in \_\_\_\_\_ sections. In the event Seller's work is not completed as set forth above, through no fault of Seller, Seller shall be entitled to a reasonable price adjustment for the work, see costs as outlined in item 3 above. **21) Claims for loss of use, lost income or other claims** made by the Buyer or third parties are prohibited, and the Buyer agrees to interpret this contract to indemnify and hold harmless the Seller from all claims. **22) Insurance.** Seller carries legally required liability and workers compensation insurance. Buyer shall carry standard owners, or builder's course of construction insurance. Buyer requested additional insurance will be paid for by the Buyer.

**Personal Guarantee:** The undersigned jointly and severally guarantee the payment in full of any indebtedness of Buyer to Seller. It is expressly understood that this continuing guaranty covers any debt that may arise. This continuing guarantee shall continue in force and effect unless and until written revocation is received by and accepted in writing by Seller. Such revocation shall not affect the obligation of the undersigned Buyer as to any indebtedness existing at the time of revocation.

**Buyer's Signature:** constitutes having read, understanding and acceptance of all of the items proposed and the standard terms creating a binding contract, original, fax, or email and same becomes part of any known contracts between the parties and is considered "the legal contract". Buyers' plans and specifications may conflict with this contract and if so, the terms of this proposal shall prevail.

Principal Buyer's Signature: \_\_\_\_\_ Check Married: \_\_\_\_\_ or Not Married: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Date: \_\_\_\_\_

Spouses Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_ Date: \_\_\_\_\_

Buyer hereby certifies and represents that he/she is \_\_\_\_\_ or is not \_\_\_\_\_ the Property Owner where the work is to be performed.

Buyer hereby certifies and represents that the property is \_\_\_\_\_ or is not \_\_\_\_\_ his/her primary residence. Buyer represents a corporation: Initial \_\_\_\_\_. Buyer has signed as the President of the H.O.A.: Initial \_\_\_\_\_. Preliminary Lien Notices are often filed by Seller, or Sellers' material suppliers. **This is NOT a lien;** the purpose of the notice is strictly to protect Sellers' legal right to lien, if Seller is not paid. On projects with multiple Contractors the prelim notifies the Owner of his/her obligation to make sure the General Contractor pays the Subcontractors and materials, thereby protecting the Owner from paying twice.

**OPTIONAL:** Individual Agent Name: \_\_\_\_\_ Phone: \_\_\_\_\_  
Buyer identifies the Individual Agent listed above as having the full authority to deal with all issues concerning the work performed. Problems may arise when the work is judged by other than the Principal Buyer the proposal was designed for. Buyer warrants this agent to be a reasonable person and the sole acceptor of the completed work on Buyers behalf. Buyer agrees not to delegate acceptance to the opinions of others.

**TO ORDER, PLEASE SIGN & RETURN. Mail, Email, or OUR FAX # IS 520-408-0929**

Revised: December 2018

TAC Estimate No.: 20-0409



**Pima County Regional Wastewater Reclamation Department  
CMAR Mabel Sewer Improvements - (3SAC15)**

**Public Outreach - Construction Phase - Assumes 3 Months**

4/14/2020

**ESTIMATE OF MANHOURS**

<b>Task</b>	<b>Project Principal/Manager</b>	<b>Designer/Artist</b>	<b>Public Relations Coordinator</b>	<b>Clerical</b>	<b>Total Hours</b>	<b>Total Labor Costs</b>	<b>Direct Expenses</b>	<b>Total Costs</b>
	\$130	\$100	\$100	\$50				\$ 58,140.00
1. Team Meetings/Weekly Construction Meetings - Assumes preparations and attendance	48	0	0	0	48	\$6,240	\$ 30.00	\$ 6,270.00
2. Stakeholder Outreach - Assumes outreach to include businesses, Neighborhood Associations, Emergency Services, and one-on-one meetings; includes creation, printing and distribution of one project information mailer, fact sheet, project maps, door hangers, etc.	20	12	6	6	44	\$4,700	\$ 2,000.00	\$ 6,700.00
3. Pima Community College Outreach - Assumes communications and coordination with PCC staff and creation, printing and distribution of project information fact sheets, maps and schedules, etc.	30	20	3	3	56	\$6,350	\$ 450.00	\$ 6,800.00
4. Elected Officials Briefings/Response to Inquiries	12	4	2	2	20	\$2,260	\$ 50.00	\$ 2,310.00
5. Media Outreach and Coordination	12	0	0	0	12	\$1,560	\$ -	\$ 1,560.00
6. Traffic Alerts (Assumes Weekly Alerts)	24	6	2	2	34	\$4,020	\$ 100.00	\$ 4,120.00
7. Contact Database / Project Information Line - Assumes development of stakeholder contact list; respond to calls on project information line; monthly fee for information line	24	0	3	6	33	\$3,720	\$ 540.00	\$ 4,260.00
9. TSM Meetings - Assumes coordination and attendance of one meeting	10	4	2	2	18	\$2,000	\$ 150.00	\$ 2,150.00
10. Website Updates & Maintenance / Social Media	24	6	10	3	43	\$4,870	\$ 500.00	\$ 5,370.00



**Pima County Regional Wastewater Reclamation Department  
CMAR Mabel Sewer Improvements - (3SAC15)**

**Public Outreach - Construction Phase - Assumes 3 Months**

4/14/2020

**ESTIMATE OF MANHOURS**

<b>Task</b>	<b><u>Project Principal/Manager</u></b>	<b><u>Designer/Artist</u></b>	<b><u>Public Relations Coordinator</u></b>	<b><u>Clerical</u></b>	<b><u>Total Hours</u></b>	<b><u>Total Labor Costs</u></b>	<b><u>Direct Expenses</u></b>	<b><u>Total Costs</u></b>
	\$130	\$100	\$100	\$50				<b>\$ 58,140.00</b>
11. Project Tours / Educational Outreach	20	4	10	4	38	\$4,200	\$ 450.00	\$ 4,650.00
12. Awards	48	24	16	16	104	\$11,040	\$ 750.00	\$ 11,790.00
13. Project Management	12	0	4	4	20	\$2,160	\$ -	\$ 2,160.00
<b>TOTAL</b>	<b>284</b>	<b>80</b>	<b>58</b>	<b>48</b>	<b>470</b>	<b>\$53,120.00</b>	<b>\$5,020.00</b>	<b>\$58,140.00</b>

# **CMT ENGINEERING LABORATORIES**

Construction • Materials • Technologies  
Geotechnical, Environmental, & Materials Engineering/Testing/Research

April 14, 2020

Guillermo Aquirre  
6930 N. Camino Martin  
Tucson, AZ 85741

**Re: Quality Control Materials Testing & Inspection  
Mabel Sewer Improvements Project  
CMT Proposal No. 620480**

Dear Memo:

CMT Engineering Laboratories is pleased to provide the following proposal to Hunter Contracting for Quality Control materials testing for the Mabel Sewer Improvements Project. CMT will provide the quality control for the materials testing and inspection, to include compaction testing for density of trench & manhole backfill materials. Perform concrete testing for the concrete placement. Monitor asphalt temperatures and roller patterns for the asphalt placement. Also, the laboratory testing as needed for Gradations, pl's, proctors and any other required lab testing

This bid is based on an estimate of individual call-outs for the testing required on materials such as concrete, soils, and asphalt. At the completion of each call-out or at the end of each inspection, the technician or inspector will provide worksheet results for the tests and/or inspections performed that day. A formal QC Report will be generated daily and e-mailed to you. You will be informed by phone, e-mail, fax or all three ways if any test, field or laboratory, does not conform to specification requirements. The approximate duration of this project is several months.

**Additional information:**

- Tucson laboratory is an AASHTO and ADOT Accredited Laboratory.
- All CMT Technicians typically hold multiple ATTI and ACI certifications.
- All CMT Special Inspectors hold ICC Certifications as well as others.

The time and cost required for quality control testing and inspection during the construction of this project will be directly related to the contractor's scheduling and production. CMT fees for construction materials testing and inspection services will be based upon applicable unit prices. All lab testing will be performed during regular working hours unless otherwise requested in writing by the Contractor.

The attached Fee Derivation provides unit prices, hourly rates, and estimates of each phase of work for the project. We do not have your work schedule, so CMT has based the number of hours for each task on our estimate of your production rates. Other information such as whether the manholes and catch basin are precast were also unavailable. This would affect the concrete testing values. If your approach is different, please advise and we will adjust the estimate accordingly.

Incidental to our estimate, is attendance at Pre-construction and Pre-Event meetings, the latter recommended for the beginning of construction of certain phases of work, such as the asphaltic concrete paving.

The details of the following estimate are included in the attached Fee Derivation. The CMT estimate for Contractor Quality control for the Mabel Sewer Improvements Project Project is:

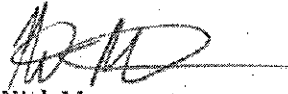
**Total: \$6,560.00**

**Exclusions:** Materials warranties, liquidated damages, pay retention, field laboratory, taxes, and bond.

CMT appreciates the opportunity to present this proposal and looks forward to our association on this project. Please contact the undersigned if you have any questions.

Please contact Nick Moore at (520) 975-8458 if you have further questions. CMT appreciates the opportunity to provide you with quality service.

Very truly yours,



Nick Moore  
Southern Arizona  
Project Manager

**ACCEPTED BY:**

\_\_\_\_\_  
Company Name

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

# CMT ENGINEERING LABORATORIES

Name of Project: **Quality Control Materials Testing & Inspection  
Mabel Sewer Improvements Project**

Date Estimated: **4/14/2020**

Estimator: **Nick Moore**

Description: CMT Engineering Laboratories is pleased to provide the following proposal to Hunter Contracting for Quality Control materials testing for the Mabel Sewer Improvements Project. CMT will provide the quality control for the materials testing and inspection, to include compaction testing for density of trench & manhole backfill materials. Perform concrete testing for the concrete placement. Monitor asphalt temperatures and roller patterns for the asphalt placement. Also, the laboratory testing as needed for Gradations, pl's, proctors and any other required lab testing

**CMT Proposal #:620480**

## **ADMINISTRATIVE COSTS**

Description	Quantity	Rate			TOTAL
Engineer	2	\$135.00			\$270.00
Project Manager	8	\$95.00			\$760.00
Total					<b>\$1,030.00</b>

## **TECHNICIAN COSTS**

Description	Hours	Hr. Rate			TOTAL
Technician (Tech 3)	80	\$55.00			\$4,400.00
					<b>\$4,400.00</b>

## **LABORATORY COSTS**

Description	Each	Unit Rate	TOTAL
Proctor	2	\$125.00	\$250.00
Gradation	2	\$65.00	\$130.00
PI	2	\$90.00	\$180.00
pH & Resistivity	2	\$110.00	\$220.00
AC Lab testing	1	\$350.00	\$350.00
Total			<b>\$1,130.00</b>

## **EQUIPMENT COSTS**

Description	Quantity	Unit Rate	TOTAL
Nuke Density Gage	NC		NC
Total			<b>\$0.00</b>

## **ESTIMATED PROJECT COST**

**\$6,560.00**  
**USE \$6,560.00**

Name of Project: **Quality Control Materials Testing & Inspection  
Mabel Sewer Improvements Project**

Date Estimated: 4/14/2020

Estimator: Nick Moore

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**CMT Proposal #:620480**

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### LABORATORY COSTS

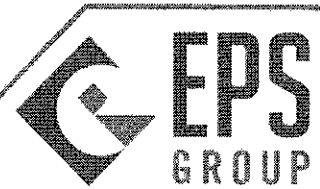
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AC Lab testing	1	\$350.00	\$350.00
Total			\$1,130.00

### EQUIPMENT COSTS

Description	Quantity	Unit Rate	TOTAL
Nuke Density Gage	NC		NC
Total			\$0.00

### ESTIMATED PROJECT COST

\$6,560.00  
**USE \$6,560.00**



April 13, 2020

Guillermo Aquirre  
Hunter Contracting

**Re: Mabel Sewer CMAR**

Guillermo:

Thank you for the opportunity to provide you with a proposal for survey services for Mabel Sewer CMAR. Our proposal is based on the previous involvement in the project as no plans were provided and includes the survey services listed in the detailed scope of services in Exhibit "A".

We propose a Professional Services contract to be paid in on a Time & Material basis according to the estimated fee stated below. Any request for additional survey services will be noted and will be billed in addition to this stated fee at our listed rates. This proposal will be in effect for a period of 30 days from this date.

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<b>Total Estimated Survey Services Fee:</b>	<b>T&amp;M</b>	<b>\$3,560</b>
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We look forward to continuing our working relationship with you and Hunter Contracting. If you choose to award us the contract for construction staking services for Mabel Sewer CMAR, please include a signed copy of this proposal as part of the contract documents. If you have any questions or concerns, please feel free to contact me.

Respectfully,

A handwritten signature in black ink, appearing to read 'Benjamin E. Zismann'.

Benjamin E. Zismann, RLS  
Survey Manager

We accept the scope, fee and terms outlined in this proposal and any attachments:

By: \_\_\_\_\_

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

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



**EXHIBIT A**  
**SCOPE OF SURVEYING SERVICES**

**SURVEY TASKS:**

- Sanitary sewer, including mains and manholes
- Record drawings of completed construction for approval (as-builts)

**SCHEDULE**

We typically require 2 working days advanced notice so that we may prepare and schedule the crew appropriately. EPS Group is not responsible for delay caused by activities or factors beyond our control including, but not limited to, delays caused by strikes, lockouts, work slowdowns or stoppages, accidents, acts of God, failure of Client to timely furnish information or approve or disapprove Consultant's work, faulty performance by Client or others, including contractors and governmental agencies.

**SITE CONDITIONS**

It is the responsibility of the client to maintain a safe and accessible work site. The presence of any earthworks, trenching, equipment or other items that impede or obstruct our ability to perform the survey work will result in delays. The client will be billed for any time incurred waiting for the site to be cleared and/or additional charges if we are forced to reschedule the tasks.

**ADDITIONAL SERVICES**

Any requested survey services not included in the scope listed above will be billed at our standard hourly rates. All additional services must be approved by the client prior to staking.

**Hourly Service Rates**

- |                     |       |                     |       |
|---------------------|-------|---------------------|-------|
| • 1-Man Survey Crew | \$95  | • Survey Technician | \$95  |
| • 2-Man Survey Crew | \$140 | • Project Surveyor  | \$125 |
| • 3-Man Survey Crew | \$185 | • Survey Manager    | \$140 |

Inclusion of this scope of services within any contract or terms of service constitutes acceptance of this scope as written.



**Date:** April 14, 2020  
**Project :** PCRWRD Public Sewer Improvements Mabel Street – Tucson, AZ  
**Reference :** Proposal for Construction Survey Layout

### **SCOPE OF WORK**

RLF proposes the construction survey layout for this project including all labor, materials necessary to complete the following items.

- 101) PROJECT MANAGEMENT
  - Project management, client liaison, initial setup & survey coordination
- 102) INITIAL COMPUTATIONS
  - Prepare digital base map from civil site ACAD drawing; Initial calculations
- 103) SURVEY CONTROL
  - Verify existing control /provide additional control to support survey layout
- 104) MATCH EXISTING CONDITIONS
  - Collect data on existing features to verify match/tie in conditions
- 107) SITE UTILITIES – SEWER
  - Alignment & Grade per utilities plan
  - 50' intervals, offset & referenced to invert; Set two reference stakes per SMH
- 121) ASBUILTS FOR CERTIFICATION
  - Site asbuilts after completion of construction; Survey info on civil sewer plans
- 122) MISC SURVEY
  - Misc. minor survey requests that are un-scoped / unanticipated

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<b>Total Base</b>	<b>Cost:</b>	<b>\$</b>	<b>9,100.00</b>
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*This total lump sum price is based on performing only the above outlined work items. If any additional work outside this defined scope is requested and approved, additional fees will apply.*

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### **EXCEPTIONS**

RLF has not included in this survey service proposal the following:

- Preparation of legal descriptions for easements
- Traffic Control (if required, to be provided by contractor)
- Site demolition
- Dry utilities (secondary electrical, light trenching, communications, gas, cable)
- Road pavement replacement
- Earth stockpiles, borrow pits, adjustments for earthwork balancing, cross-sections for volumes,
- Planting, landscaping, irrigation, storm water pollution prevention plan
- Taxes, permits, invoice/payment management/service fees
- Bonding (professional liability insurance is provided in lieu of bonding)
- Items specifically excluded in or not previously specifically defined in above, detailed SCOPE OF WORK

### **NOTES/ASSUMPTIONS**

- This proposal is submitted with the presumption that we will enter into a mutually acceptable profession service subcontract agreement. The conditions of this proposal must be become incorporated into the subcontract agreement between contractor/RLF as an attachment or referenced exhibit.



## **PROVISIONS AND RESPONSIBILITIES**

### **Additional Services**

- This item will be used for survey related time requested by the Contractor/Subcontractor/Owner if the work is not covered or excluded in the scope of work or if re-staking is required due to loss of the initial staking. This additional work will be billed at our current billing rates or agreed upon amount, if any incurred. All additional time expended will be approved and agreed upon in advance by the Owner or Owner's designated representative in the field with a signed RLF additional service agreement.

### **Scheduling**

- During the course of construction, the contractor shall submit requests for layout/staking. The contractor shall provide advance notice of survey work requests of at least 48 hours minimum prior to when the survey work is required. Weekends /holidays are not inclusive in this time frame. RLF will not be responsible for delays due to staking, unless we are provided the above notice. The contractor's operations shall accommodate RLF surveyors to allow them to safely and efficiently perform the requested layout work without undue interference from equipment, materials, subcontractors, and/or simultaneous construction operations.
- This comprehensive proposal has been prepared in sincere, good faith, with the survey effort anticipated and expected to be performed in the most cost-efficient manner based upon completion of scoped items as a unit whole, and not being segmented, phased or fragmented resulting in multiple un-scheduled/unanticipated trips. This includes situations due to contractor scheduling conflicts, unprepared site conditions, subcontractor's disarray, etc. Disrupted survey effort will result in additional charges for travel/standby/last minute changes in work request.

### **Construction Plans/Drawings**

- It is the contractor's responsibility to keep the surveyor provided with the most current construction plans set and to notify the surveyor of any changes to plans during the course of this project. It is also the responsibility of the contractor to provide the surveyor with a copy of these revisions in advance of a request for staking items that have been revised to allow for survey computations to be performed. If this responsibility is not performed by the contractor, any effort to correct previously surveyed work to reflect un-communicated plan revisions will be billed as an add service.
- Contractor is to provide one complete current full size set of construction plans and one complete set in .PDF format. One complete set of all supplements, modifications, and addenda on electronic media.
- Obtain the construction drawings (in digital electronic AutoCAD .dwg format) to assist with calculation/layout certain items that are not dimensioned or clearly determinable from the hard copy set (if need be).
- This proposal and cost estimate are based on construction plans and specifications available for bidding purposes (*Current Bid set*). Any revisions to these plans/specifications that result in significant design changes and require additional work either in excess of, and, or not outlined by this scope may require additional services that would be provided on a time and material basis as described below. This additional work, if necessary, will be approved by the client or client's representative prior to work being performed.
- RLF is responsible for the accuracy of alignments, slopes, and grades that are provided by the staking performed, per the plan designed dimensions and grades. RLF is not responsible for the correctness of the designed dimensions, slopes & grades prepared by the project architect/engineer.

### **Cut Sheets / Point Plots / Survey Deliverables**

- The surveyor will prepare cut sheets for all staking distinguished by markings on the stakes with cuts and/or fills to plan grade. A copy of the cut sheets and CAD output point plots on bond paper will be provided to the contractor as well as .PDF format of the scanned images upon request. Coordinate lists of survey points can also be provided if requested.

### **Staking**

- All of the proposed described survey layout services are to be provided on a one-time basis. Additional work or re-staking will be covered by above item *Additional Services*. The contractor is responsible for the preservation of all survey stakes/marks set and if any of the stakes/marks have been destroyed or disturbed by the contractor/subcontractors/owner the cost of replacement will be applied as previously stated.
- Unless specified herein, minimum distances between stakes shall be left to the discretion of the surveyor or as defined by this proposal.
- Our office staff or field crew chief must be notified immediately if any discrepancies, confusion or inaccuracy in stakes is suspected or aware of. If notification is not given and we are not afforded the opportunity to either verify or correct these discrepancies or inaccuracies, we shall accept no responsibility or liability for those items. Any questions regarding the accuracy of the construction layout will not be considered unless the reference points from which the layout occurred are preserved intact in their original and undisturbed state. The contractor shall take no advantage of any staking error.

## **PLANS AND SPECIFICATIONS**

**Project Name: Mabel Sewer Improvements**

**60% Plan Set**

**Project Location: W. Mabel St. – 13<sup>th</sup> Ave to 6<sup>th</sup> Ave**

**4/23/2020**

**Project No: 3SAC15**

**Contract No:**

This GMP is based on the following project drawings and specifications:

1. Plan name "PIMA COUNTY REGIONAL - WASTEWATER RECLAMATION DISTRICT - PUBLIC SEWER IMPROVEMENT PLAN - MABEL SEWER IMPROVEMENTS - PCRWRD NO. 3SAC15"
  - a. Sheet 1 – COVER SHEET – Drawing CS001
  - b. Sheet 2 – GENERAL NOTES, ABBREVIATIONS, AND LEGEND – Drawing GS001
  - c. Sheet 3 – SURVEY CONTROL – Drawing CP001
  - d. Sheet 4 – DETAILS – Drawing DS001
  - e. Sheet 5 – DEMOLITION PLAN – Drawing DP001
  - f. Sheet 6 – DEMOLITION PLAN – Drawing DP002
  - g. Sheet 7 – DEMOLITION PLAN – Drawing DP003
  - h. Sheet 8 – DEMOLITION PLAN – Drawing DP004
  - i. Sheet 9 – PLAN AND PROFILE SHEET, STA 101+00 TO 106+00 – Drawing PP001
  - j. Sheet 10 – PLAN AND PROFILE SHEET, STA 106+00 TO 111+00 – Drawing PP002
  - k. Sheet 11 – PLAN AND PROFILE SHEET, STA 111+00 TO 116+00 – Drawing PP003
  - l. Sheet 12 – PLAN AND PROFILE SHEET, STA 116+00 TO 121+00 – Drawing PP004
  - m. Sheet 13 – PLAN AND PROFILE SHEET, STA 121+00 TO 126+00 – Drawing PP005
  - n. Sheet 14 – PLAN AND PROFILE SHEET, STA 126+00 TO 131+00 – Drawing PP006
  - o. Sheet 15 – PLAN AND PROFILE SHEET, STA 131+00 TO 136+00 – Drawing PP007
  - p. Sheet 16 – PLAN AND PROFILE SHEET, EXISTING SEWER TIE-INS – Drawing PP008
2. Prepared by Stantec Consulting Services Inc., 5151 E. Broadway Blvd., Ste 400, Tucson, AZ 85711-3712
3. Dated "Preliminary March 2020 60% NOT FOR CONSTRUCTION"
4. Specifications used are the Pima County Wastewater Reclamation Standard Specifications and Details for Construction 2016 with Redlined Updates updated June 2017.
5. Geotechnical Evaluation Report by Western Technologies Inc., 3480 S. Dodge Blvd, Tucson, AZ 85713, dated 1/6/2020 by Justin M. Heinecke and Randall D. Harris

## **CLARIFICATIONS, ASSUMPTIONS & EXCLUSIONS**

**Project Name: Mabel Sewer Improvements**

**60% Plan Set**

**Project Location: W. Mabel St. – 13<sup>th</sup> Ave to 6<sup>th</sup> Ave**

**4/23/2020**

**Project No: 3SAC15**

**Contract No:**

1. Hunter Contracting Co. (HCC) assumes that the Pima County (County) will issue a Notice to Proceed on or before June 1, 2020. All prices are based on this start date.
2. HCC will acquire all necessary permits for the project.
3. General
  - a. Assumes access though Pima Community College parking areas
  - b. Jack & Bore staging to be conducted from adjacent Pima Community College parking lot
  - c. Excludes Pima County RWRD Inspection Permits
  - d. Excludes ADEQ review fees
4. CBS Item 2 - Jack and Bore Complete
  - a. Clearance between water and sewer located beneath Stone Ave. not anticipated to be captured.
  - b. Work based upon boreable material not including cobble, hard dig, and obstructions.
5. CBS Item 3 - Flow Management Plan Complete
  - a. Flows based upon Stantec capacity study.
  - b. Includes 24 hour / day operation for new manhole installation located over existing lines.
  - c. Includes point repair for crossing of existing 8" sewer located at Mable and 10th Ave.
  - d. Bypass pipe to be buried and plated for crossing at 6th Ave.
6. CBS Item 4 - Excavate, Lay, and Backfill 12-Inch SDR-35 Complete
  - a. SDR 26 PVC to be used through casing beneath Stone Ave.
  - b. SDR 35 PVC to be used in all other locations.
  - c. CCTV inspection of new pipe included.
  - d. 4-foot horizontal clearance between sewer centerline and pedestrian bridge footing required.
  - e. HCS / BCS connections not anticipated or included.
7. CBS Item 5 - Excavate, Lay, and Backfill 8-Inch SDR-35 Complete
  - a. All contributing lines anticipated to have flow velocity less than 10 FPS.
  - b. SDR 35 PVC for all materials.
  - c. HCS / BCS connections not anticipated or included.

## **Attachment F**

- 8. CBS Item 6 - Install 48-Inch Diameter Cast in Place Manholes Complete**
  - a. Cast in place manhole base with pre-cast concrete manhole riser.
  - b. Location for new manholes over existing pipe per SD 303.
  - c. Corrosion protection not included.
- 9. CBS Item 7 - Install 60-Inch Diameter Manholes Complete**
  - a. Manholes to have pre-cast base with invert field cast.
- 10. CBS Item 8 - Install 72-Inch Diameter Diversion Structure Complete**
  - a. Cast in place manhole base to include 316 stainless steel stop log hardware.
  - b. 8-inch north invert to be plugged abandoned after ADEQ acceptance.
- 11. CBS Item 9 - Removals**
  - a. Includes removal of 5 existing cast in place manholes.
  - b. Includes abandonment of 8-inch sewer between manholes 8656-14 and new manhole 11.
  - c. Includes removal of 8-inch sewer between manholes DIV001 and new manhole 012, 8656-15 and 8656-15, and new manhole 010 to 8656-07.
  - d. Existing concrete drainage way assumed to be 6-inch thick unreinforced concrete.
  - e. Existing asphalt assumed to be no more than 6-inch thickness.
- 12. CBS Item 10 - Pavement Replacement Type 2 Trench Patch**
  - a. Assumed PAG 2 asphalt.
- 13. CBS Item 11 - Pavement Replacement Mill and Overlay 2-Inch**
  - a. Assumed City of Tucson TDOT-2HV mix.
  - b. One lane width for areas paralleling street centerline.
- 14. CBS Item 12 - Concrete Drainage Way Restoration Complete**
  - a. Rebar dowels to be installed 1-foot on center into existing drainage concrete.
  - b. #4 rebar to be installed in new drainageway 1' OCEW.
  - c. PAG Class B 2500 concrete to be used.
  - d. Decorative band to be matched near as possible to existing alignment.
- 15. CBS Item 13 - Reconnect Existing Sewer Services**
  - a. Sewer services anticipated to be damaged during new pipe installation.
  - b. Includes repair with SDR 35 PVC with rubber couplings.
  - c. CCTV inspection of sewer services to be completed after backfilling operation is complete.
- 16. CBS Item 14 - Misc. Restorations**
  - a. Includes misc. sidewalk and curb replacements damaged / removed during construction.
  - b. Includes replacement of post barricades per PAG 106 where removed.
- 17. CBS Item 20 - Monsoon Site Protection**
  - a. Includes concrete fillet at toe of shoring box located in drainageway.

## **Attachment F**

- b. Includes concrete slurry cap in drainageway to protect adjacent facilities.

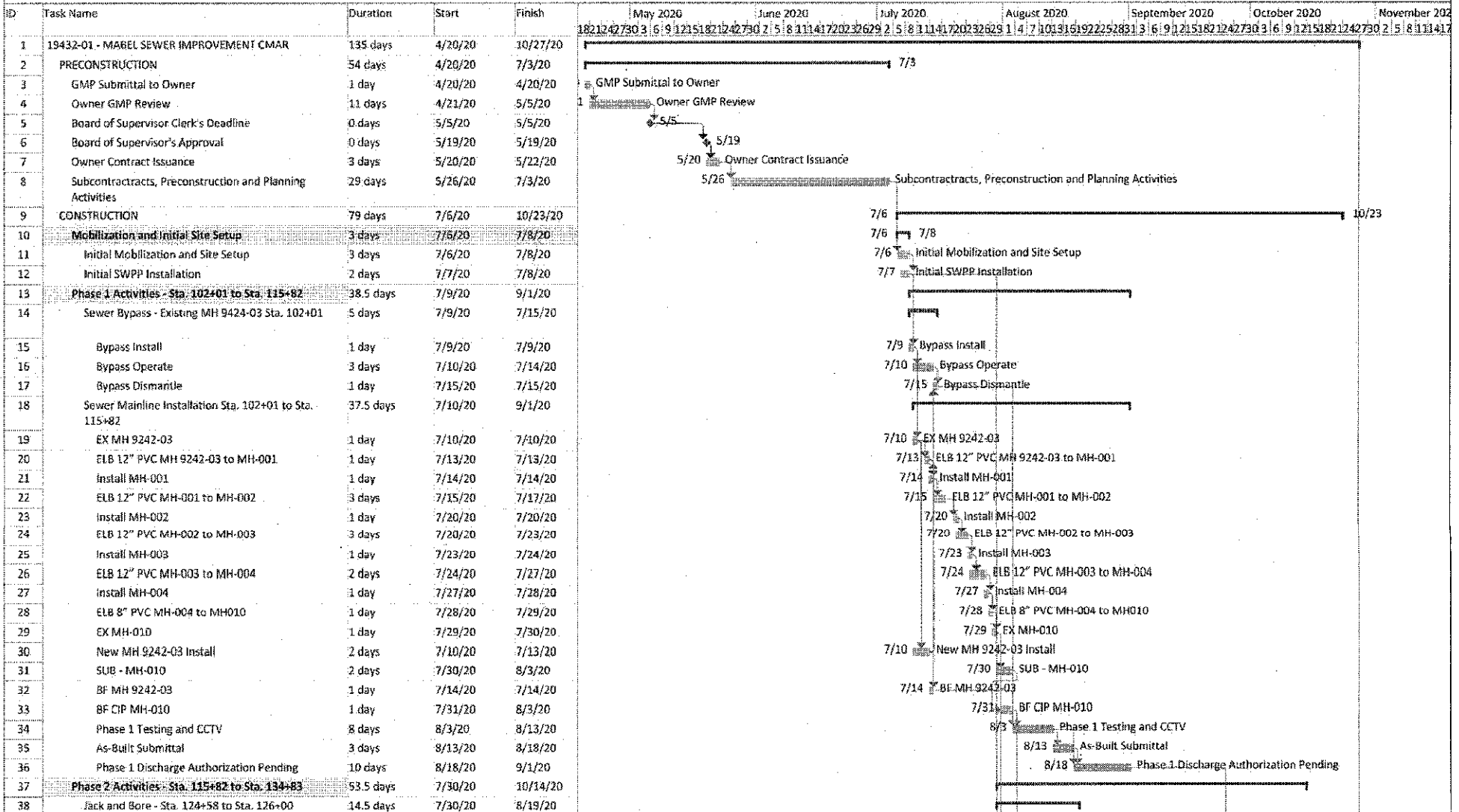


Attachment G

SCHEDULE

REGIONAL WASTEWATER RECLAMATION DEPARTMENT  
3355 N DODGE BLVD  
TUCSON, AZ 85716

19432-01 - MABEL SEWER IMPROVEMENT CMAR



PROJECT: 19432-01 - MABEL SE  
DATE: 04/15/20

Task Milestone Project Summary Deadline Critical Split  
Split Summary Inactive Summary Critical Progress



# Attachment G

REGIONAL WASTEWATER RECLAMATION DEPARTMENT  
3355 N DODGE BLVD  
TUCSON, AZ 85716

19432-01 - MABEL SEWER IMPROVEMENT CMAR

**Hunter**  
CONTRACTING CO.

ID	Task Name	Duration	Start	Finish	May 2020	June 2020	July 2020	August 2020	September 2020	October 2020	November 2020
39	EX Bore Pit	2 days	7/30/20	8/3/20				7/30			
40	EX Receiving Pit	1 day	7/31/20	8/3/20				7/31			
41	SUB - Jack and Bore	10 days	8/3/20	8/17/20				8/3			
42	BF Bore Pit	2 days	8/17/20	8/19/20				8/17			
43	BF Receiving Pit	1.5 days	8/18/20	8/19/20				8/18			
44	Remove Asphalt	1 day	8/3/20	8/4/20				8/3			
45	Remove Existing Concrete Drainage	2 days	8/4/20	8/6/20				8/4			
46	Sewer Mainline Installation Sta. 115+82 to Sta. 134+83	48.5 days	8/6/20	10/14/20							
47	Remove Existing MH 7247-01 Sta. 115+82	1 day	8/6/20	8/7/20				8/6			
48	Point Repair - Existing MH 7247-01 Sta. 115+82	1 day	8/6/20	8/7/20				8/6			
49	ELB 12" PVC MH-004 to MH-005	2 days	8/7/20	8/11/20				8/7			
50	Install MH-005	1 day	8/11/20	8/12/20				8/11			
51	ELB 12" PVC MH-005 to MH-006	3 days	8/12/20	8/17/20				8/12			
52	Remove Existing MH 7247-02 Sta. 119+02	1 day	8/17/20	8/18/20				8/17			
53	Remove Existing MH 7247-03 Sta. 122+86	1 day	8/17/20	8/18/20				8/17			
54	Install MH-006	1 day	8/20/20	8/20/20				8/20			
55	Sewer Bypass - New MH-011 Sta. 124+42	5 days	8/21/20	8/27/20							
59	ELB 8" PVC MH-006 to MH-011	1 day	8/24/20	8/24/20				8/24			
60	EX CIP MH-011	1 day	8/25/20	8/25/20				8/25			
61	SUB - MH-011 Install	2 days	8/25/20	8/26/20				8/25			
62	BF CIP MH-011	1 day	8/27/20	8/27/20				8/27			
63	ELB 12" PVC MH-006 to MH-007	1 day	8/28/20	8/28/20				8/28			
64	Install MH-007	1 day	8/31/20	8/31/20				8/31			
65	ELB 12" PVC MH-007 to MH-008	2 days	9/1/20	9/2/20				9/1			
66	Install MH-008	1 day	9/3/20	9/3/20				9/3			
67	ELB 12" PVC MH-008 to MH-009	3 days	9/4/20	9/9/20				9/4			
68	Install MH-009	1 day	9/10/20	9/10/20				9/10			
69	ELB 8" PVC MH-009 to MH-012	1 day	9/11/20	9/11/20				9/11			
70	EX CIP MH-012	1 day	9/11/20	9/11/20				9/11			
71	Sewer Bypass - New DIV-001 Sta. 134+83	5 days	9/14/20	9/18/20							
72	Bypass Install	1 day	9/14/20	9/14/20				9/14			
73	Bypass Operate	3 days	9/15/20	9/17/20				9/15			
74	Bypass Dismantle	1 day	9/18/20	9/18/20				9/18			
75	ELB 8" PVC MH-009 to DIV-001	1 day	9/15/20	9/15/20				9/15			
76	Remove Existing MH 8656-19 Sta. 134+83	1 day	9/15/20	9/15/20				9/15			
77	EX DIV-001	1 day	9/15/20	9/15/20				9/15			
78	SUB - DIV-001 Install	3 days	9/15/20	9/17/20				9/15			
79	SUB - MH-012 Install	3 days	9/14/20	9/16/20				9/14			
80	BF CIP MH-012	1 day	9/16/20	9/16/20				9/16			

PROJECT: 19432-01 - MABEL SE  
DATE: 04/15/20

Task Milestone Project Summary Deadline Critical Split  
Split Summary Inactive Summary Critical Progress

# Attachment G

REGIONAL WASTEWATER RECLAMATION DEPARTMENT  
3355 N DODGE BLVD.  
TUCSON, AZ 85716

19432-01 - MABEL SEWER IMPROVEMENT CMAR

*Hunter*  
CONTRACTING CO.

ID	Task Name	Duration	Start	Finish	May 2020	June 2020	July 2020	August 2020	September 2020	October 2020	November 2020
81	BF DIV-001	1 day	9/18/20	9/18/20					9/18		
82	CCTV / Test to MH 06	4 days	9/4/20	9/10/20					9/4		
83	Phase 2 Testing and CCTV	4 days	9/21/20	9/24/20					9/21		
84	Phase 2 Discharge Authorization Pending	10 days	9/25/20	10/8/20					9/25		
85	Grout Abandon Existing Line MH 8656-14 to New MH-011	1 day	10/9/20	10/9/20					10/9		
86	Remove Existing MH 8656-14 Sta. 122+94	1 day	10/12/20	10/12/20					10/12		
87	Remove Existing Sewer MH8656-14 to MH 8656-15	2 days	10/13/20	10/14/20					10/13		
88	Pothole Utilities	1 day	10/13/20	10/13/20					10/13		
89	Remove Asphalt	1 day	10/13/20	10/13/20					10/13		
90	Remove Existing Sewer Line	1 day	10/13/20	10/13/20					10/13		
91	Place Pavement Patch Type 2	1 day	10/14/20	10/14/20					10/14		
92	Remove Existing Sewer DIV-001 to New MH-012	1 day	10/14/20	10/14/20					10/14		
93	Remove Existing Sewer MH 7247-01 to MH 8656-07	3 days	9/25/20	9/29/20					9/25		
94	Pothole Utilities	1 day	9/25/20	9/25/20					9/25		
95	Remove Asphalt	1 day	9/25/20	9/25/20					9/25		
96	Remove Existing Sewer Line	1 day	9/28/20	9/28/20					9/28		
97	Place Pavement Patch Type 2	1 day	9/29/20	9/29/20					9/29		
98	Final Paving and Project Restoration	31 days	9/11/20	10/23/20					9/11		
99	Install Dumped Rip Rap	1 day	9/11/20	9/11/20					9/11		
100	Install Bollards	3 days	9/14/20	9/16/20					9/14		
101	Install Concrete Drainage Way	6 days	9/17/20	9/24/20					9/17		
102	Drill and Place Dowels	2 days	9/17/20	9/18/20					9/17		
103	Form PCCP	2 days	9/18/20	9/21/20					9/18		
104	SUB - Place Rebar Mat	2 days	9/21/20	9/22/20					9/21		
105	Set Edge Rails	1 day	9/22/20	9/22/20					9/22		
106	Place PCCP	2 days	9/23/20	9/24/20					9/23		
107	Strip PCCP	1 day	9/24/20	9/24/20					9/24		
108	Install Sidewalk	1 day	9/25/20	9/25/20					9/25		
109	Install Vertical Curb	2 days	9/25/20	9/28/20					9/25		
110	SUB - 2" Mill and Overlay	2 days	10/15/20	10/16/20					10/15		
111	SUB - Water Valve Adjustments	2 days	10/19/20	10/20/20					10/19		
112	Install Survey Monuments	2 days	10/19/20	10/20/20					10/19		
113	Install Std. Det. 211 MH Collars	3 days	10/21/20	10/23/20					10/21		
114	Project Cleanup	2 days	10/26/20	10/27/20					10/26		
115	Substantial Completion	1 day	10/27/20	10/27/20					10/27		
116	Final Completion	0 days	10/27/20	10/27/20					10/27		

PROJECT: 19432-01 - MABEL SE  
DATE: 04/15/20

Task Milestone Project Summary Deadline Critical Split  
Split Summary Inactive Summary Critical Progress



## CASH-FLOW FORECAST

Project Name: Mabel Sewer Improvements  
 Project Location: W. Mabel St. - 13th Ave to 6th Ave  
 Project No: 3SAC15  
 Contract No:

60% Plan Set  
 4/23/2020

SCHEDULE OF VALUES		60% Cost Model				July		August		September		October		
CBS	Description - Cost of Construction	Quantity	UoM	Unit Cost	Total Cost	Remaining	Projected Qty	Projected Revenue	Projected Qty	Projected Revenue	Projected Qty	Projected Revenue	Projected Qty	Projected Revenue
1	Mobilization	1	LS	\$56,673.79	\$56,673.79	\$0.00	1	\$56,673.79	0	\$0.00	0	\$0.00		\$0.00
2	Jack and Bore Complete	142	LF	\$810.95	\$115,154.90	\$0.00	15	\$12,164.25	127	\$102,990.65		\$0.00		\$0.00
3	Flow Management Plan Complete	1	LS	\$52,848.98	\$52,848.98	\$0.00	0.25	\$13,212.25	0.25	\$13,212.25	0.5	\$26,424.49		\$0.00
4	Excavate, Lay, and Backfill 12-Inch SDR-35 Complete	3102	LF	\$86.04	\$266,896.08	\$0.00	1396	\$120,111.84	1494	\$128,543.76	212	\$18,240.48		\$0.00
5	Excavate, Lay, and Backfill 8-Inch SDR-35 Complete	136	LF	\$136.18	\$18,520.48	\$0.00	42	\$5,719.56	33	\$4,493.94	61	\$8,306.98		\$0.00
6	Install 48-Inch Diameter Cast In Place Manholes Complete	3	EA	\$7,682.37	\$23,047.11	\$0.00	1	\$7,682.37	1	\$7,682.37	1	\$7,682.37		\$0.00
7	Install 60-Inch Diameter Manholes Complete	10	EA	\$10,824.68	\$108,246.80	\$0.00	3	\$32,474.04	4	\$43,298.72	3	\$32,474.04		\$0.00
8	Install 72-Inch Diameter Diversion Structure Complete	1	EA	\$18,733.96	\$18,733.96	\$0.00		\$0.00		\$0.00	1	\$18,733.96		\$0.00
9	Removals	1	LS	\$89,062.20	\$89,062.20	\$0.00	0.15	\$13,359.33	0.25	\$22,265.55	0.3	\$26,718.66	0.3	\$26,718.66
10	Pavement Replacement Type 2 Trench Patch	959	SY	\$73.06	\$70,064.54	\$0.00	587	\$42,886.22	77	\$5,625.62	295	\$21,552.70		\$0.00
11	Pavement Replacement Mill and Overlay 2-Inch	2710	SY	\$38.19	\$103,494.90	\$0.00		\$0.00		\$0.00		\$0.00	2710	\$103,494.90
12	Concrete Drainage Way Restoration Complete	7606	SF	\$9.79	\$74,462.74	\$0.00		\$0.00		\$0.00	7606	\$74,462.74		\$0.00
13	Reconnect Existing Sewer Services	15	EA	\$406.35	\$6,095.25	\$0.00		\$0.00		\$0.00	15	\$6,095.25		\$0.00
14	Misc. Restorations	1	LS	\$33,091.72	\$33,091.72	\$0.00		\$0.00		\$0.00	0.5	\$16,545.86	0.5	\$16,545.86
15	211 Collars Complete in place	12	EA	\$480.86	\$5,770.32	\$0.00		\$0.00		\$0.00		\$0.00	12	\$5,770.32
16	Quality Control	1	LS	\$6,560.00	\$6,560.00	\$0.00	0.25	\$1,640.00	0.25	\$1,640.00	0.25	\$1,640.00	0.25	\$1,640.00
17	Traffic Control Complete	1	LS	\$29,125.00	\$29,125.00	\$0.00	0.25	\$7,281.25	0.25	\$7,281.25	0.25	\$7,281.25	0.25	\$7,281.25
18	Survey	1	LS	\$5,060.00	\$5,060.00	\$0.00	0.25	\$1,265.00	0.25	\$1,265.00	0.25	\$1,265.00	0.25	\$1,265.00
19	Public Outreach	3	MO	\$13,366.67	\$40,100.01	\$0.00	0.75	\$10,025.00	0.75	\$10,025.00	0.75	\$10,025.00	0.75	\$10,025.01
20	Monsoon Site Protection	1	LS	\$11,252.68	\$11,252.68	\$0.00		\$0.00	0.5	\$5,626.34	0.5	\$5,626.34		\$0.00
21	SWPPP Install and Maintenance Complete	1	LS	\$32,459.15	\$32,459.15	\$0.00	0.25	\$8,114.79	0.25	\$8,114.79	0.25	\$8,114.79	0.25	\$8,114.79
22	Construction Water	1	LS	\$19,000.00	\$19,000.00	\$0.00	0.25	\$4,750.00	0.25	\$4,750.00	0.25	\$4,750.00	0.25	\$4,750.00
SUBTOTAL DIRECT COST (COST OF CONSTRUCTION)				\$0.00	\$1,185,720.61	\$0.00		\$337,359.67		\$366,815.23		\$295,939.91		\$185,605.80
	CMAR Contingency	3.00%		\$0.00	\$35,571.62	\$0.00	0.29	\$10,315.77	0.32	\$11,382.92	0.24	\$8,537.19	0.15	\$5,335.74
Subtotal (Direct Construction Costs)				\$0.00	\$1,221,292.23	\$0.00		\$347,675.44		\$378,198.15		\$304,477.10		\$190,941.54
INDIRECT CONSTRUCTION COSTS:														
	General Conditions			\$0.00	\$116,079.95	\$0.00	0.29	\$33,663.19	0.32	\$37,145.58	0.24	\$27,859.19	0.15	\$17,411.99
	Overhead	6.32%		\$0.00	\$91,822.35	\$0.00	0.29	\$26,628.48	0.32	\$29,383.15	0.24	\$22,037.36	0.15	\$13,773.35
	Insurance	1.00%		\$0.00	\$12,212.92	\$0.00	0.29	\$3,541.75	0.32	\$3,908.13	0.24	\$2,931.10	0.15	\$1,831.94
	Payment and Performance Bonds	0.79%		\$0.00	\$11,477.79	\$0.00	1	\$11,477.79		\$0.00		\$0.00		\$0.00
Subtotal (Direct Construction Cost + Gen Cond, Overhead, Bonds, Insurance)				\$0.00	\$1,452,885.24	\$0.00		\$422,986.65		\$448,635.02		\$357,304.75		\$223,958.82
	Construction Fee (As a percentage of Subtotal above or to exclude any items above)	7.00%		\$0.00	\$101,701.97	\$0.00	0.29	\$29,493.57	0.32	\$32,544.63	0.24	\$24,408.47	0.15	\$15,255.30
Subtotal (Direct Construction Cost + Gen Cond, Overhead, Bonds, Insurance and Fee)				\$0.00	\$1,554,587.21	\$0.00		\$452,480.22		\$481,179.65		\$381,713.22		\$239,214.12
	Arizona Gross Receipts Tax	5.66%		\$0.00	\$87,911.91	\$0.00	0.29	\$25,494.45	0.32	\$28,131.81	0.24	\$21,098.86	0.15	\$13,186.79
Subtotal (Direct Construction Cost + Gen Cond, Overhead, Bonds, Insurance, Fee and Tax)				\$0.00	\$1,642,499.12	\$0.00		\$477,974.67		\$509,311.46		\$402,812.08		\$252,400.91
GUARANTEED MAXIMUM PRICE (GMP)				\$0.00	\$1,642,499.12	\$0.00		\$477,974.67		\$509,311.46		\$402,812.08		\$252,400.91
OTHER PROJECT COSTS:														
	Owner's Contingency	10.00%		\$0.00	\$182,499.90	\$182,499.90		\$0.00		\$0.00		\$0.00		\$0.00
TOTAL CONTRACT COST				\$0.00	\$1,824,999.02	\$182,499.90		\$477,974.67		\$509,311.46		\$402,812.08		\$252,400.91



## SUBCONTRACTOR SELECTIONS

Project Name: Mabel Sewer Improvements

60% Plan Set

Project Location: W. Mabel St. - 13th Ave to 6th Ave

4/23/2020

Project No: 3SAC15

Contract No:

Scope	Subcontractor	Total	SBE	Selected
<b>Jack &amp; Bore</b>				
	DH Underground	\$ 69,280.00	No	X
	Gonzales Boring and Tunneling	\$ 118,948.00	No	
	Specialized Services	Declined	No	
<b>Manholes</b>				
	Jenco Construction (Standard Manhole)	Declined	No	
	J4 Civil	Declined	No	
	Armorock (Polymer Manhole)	\$ 104,086.02	No	
	Jensen	\$ 37,950.00	No	X
	Olson	\$ 19,212.00	No	X
<b>Asphalt Paving</b>				
	Lee's Asphalt	\$ 151,987.44		
	Tucson Asphalt	\$ 149,565.08	Yes	X
	A&S Paving	Declined		
<b>Public Outreach</b>				
	Kaneen Communications	\$ 40,100.01	No	X
<b>Quality Control Testing</b>				
	CMT Engineering	\$ 6,560.00	No	X
<b>Survey</b>				
	EPS Group	\$ 5,060.00	No	X
	RLF Consulting	\$ 9,100.00	No	
	DOWL	Declined	No	
	Darling Geomatics	Declined	No	
	Stantec	Declined	No	

<b>Total Project - GMP</b>	<b>\$ 1,642,499.12</b>		
<b>Total Project SBE Utilization</b>	<b>\$ 149,565.08</b>	<b>9.11%</b>	



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

4/20/2020

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b> Passey-Bond Co., Inc. 28 North Center Street P. O. Box 819 Mesa AZ 85211-0819	<b>CONTACT NAME:</b> Kori L. Moseley, CISR, CPIW <b>PHONE (A/C, No, Ext):</b> (480) 969-2291 <b>FAX (A/C, No):</b> (480) 833-4833 <b>E-MAIL ADDRESS:</b> korim@passeybond.com
<b>INSURED</b> Hunter Contracting Co. 701 N. Cooper Road Gilbert AZ 85233	<b>INSURER(S) AFFORDING COVERAGE</b> <b>INSURER A:</b> Cincinnati Insurance Co. <b>INSURER B:</b> Great American Insurance Co. <b>INSURER C:</b> CopperPoint American Insurance Co. <b>INSURER D:</b> <b>INSURER E:</b> <b>INSURER F:</b>

<b>COVERAGES</b>	<b>CERTIFICATE NUMBER:</b>	<b>REVISION NUMBER:</b>
THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.		

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> GA233/GA4316AZ 0917 <input checked="" type="checkbox"/> GA4094 0917/GA101 1204 GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER:	X	Y	EPP0574779 \$10,000 per occurrence BI & PD deductible	5/1/2020	5/1/2021	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 500,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS <input checked="" type="checkbox"/> AA4171 AA4172 <input checked="" type="checkbox"/> AA4174	X	Y	EBA0574779 \$1,000 Comprehensive & Collision deductible	5/1/2020	5/1/2021	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 10,000	X	Y	TUU405724714	5/1/2020	5/1/2021	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N	N/A Y	WC000313 (4-84) 1016380	5/1/2020	5/1/2021	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 500,000 E.L. DISEASE - EA EMPLOYEE \$ 500,000 E.L. DISEASE - POLICY LIMIT \$ 500,000
A	Builders Risk			EPP0574779	5/1/2020	5/1/2021	Limit - Deductible \$10mil/\$10,000
A	Excess Liability			EPP0574779	5/1/2020	5/1/2021	Occurrence/Aggregate \$5,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)  
Job #3SAC15/HCC 19432-01 Mabel Sewer Improvements Pima County, AZ.

## CERTIFICATE HOLDER

Pima County Wastewater Reclamation Pima County its departments districts boards commissions officers officials agents and employees 201 N. Stone Ave 8th Floor Tucson, AZ 85701	<b>CANCELLATION</b> SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. <b>AUTHORIZED REPRESENTATIVE</b> Bill Passey/KORI
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