



## 2021 CMOM PACKAGE 4 - CIPP PROJECT

Project Solicitation No. CO-00663

Job No. 22-4530

### ADDENDUM 3

July 06, 2023

To Bidder of Record:

This addendum, applicable to work referenced above, is an amendment to the bid proposal, plans and specifications and as such will be a part of and included in the Contract Documents. Acknowledge receipt of this addendum by entering the Addendum number and issue date on the space provided in submitted copies of the bid proposal.

#### RESPONSES TO QUESTIONS

- 1. Question: We are formally requesting the bid date being pushed 1 week or 2 weeks due to the holiday week next week. We know lots of people we will be out most of the week if not all week and will really hinder getting sub numbers in time for this bid. I truly feel this will really help the bids and all contractors bidding.**

*Response: Please reference Addendum 2, Changes to the Specifications section for the revised bid dates.*

- 2. Question: This project, to our knowledge, was just posted on Friday, June 16 and the due date for questions are Friday, June 23. This is not a reasonable time period for SAWS to distribute the video link, for contractors to review the video and to responsibly survey the sites. Therefore, we respectfully request a time extension of the due date for questions.**

*Response: Please reference Addendum 1, Changes to the Specifications section for the questions due dates.*

- 3. Question: What type of manhole rehabilitation will be on this project?**

*Response: Contractor is responsible to follow SAWS Specification 910 Manhole Rehabilitation for all requirements to rehabilitate the existing manholes.*

- 4. Question: Is it cementitious or epoxy?**

*Response: Contractor is responsible to follow SAWS Specification 910.4.4. Materials for directions on what kind of materials are approved by SAWS to rehabilitate the existing manholes.*

5. **Question: A subdivision is being built out in the area where 2 manholes are located. Site 6 – STA 10+00 (MH 43244) is located at the backside of a cul-de-sac, which they haven't started building yet. Is a construction schedule of the development available?**

*Response: No. Currently a schedule for the proposed development is not available. The subdivision permit was issued and is being managed by SAWS development services. The awarded contractor will be responsible for coordinating with the developer for the sanitary sewer rehabilitation of Site 6.*

6. **Question: Some of the access points require crossing private driveways and/or parking lots with heavy equipment. What shall be the contractors' responsibility be for restoration?**

*Response: Contractor will be responsible to restore sites to its original or better condition. Access path and restoration to the sites shall be considered subsidiary to other bid items. See Plan Sheet #02 – General Notes & Quantities – SAWS General Notes #07.*

7. **Question: General note 4 on the bypass plans states “Flow diversion pipe shall have watertight seals at inlet and outlet connections with existing manholes or structures “. What would be acceptable for a watertight seal for the manholes or structures. Will there be any testing requirements for the seals?**

*Response: If contractor chooses to install a diversion pipe, this pipe will have to be tested per SAWS Spec 849. An acceptable watertight seal for the manholes or structures will be per SAWS Spec 850 and 852 for manhole connections. The manhole or structure will need to be tested after the watertight seal is installed and after the connection is removed.*

## CHANGES TO THE SPECIFICATIONS

1. Bid Proposal - Remove Bid Proposal and replace with the revised Bid Proposal attached to this Addendum. The bid items and estimated quantities have been updated. This version of the bid proposal should be used by bidders when submitting a bid for this project. Failure to use the revised version of the bid proposal may result in the bid being found non-responsive.
2. Special Conditions - Remove Special Conditions and replace with the revised Special Conditions attached to this Addendum. Added Item D to SC 13. Miscellaneous Items (Site 6). Added SC 17. Project Requirements – A. Project Milestones.

## CHANGES TO THE PLANS

1. General Notes & Quantities Sheet (Sheet 02 of 99) to be removed and replaced with the sheet attached to this Addendum.
  - a. The quantity table has been revised to incorporate the updated quantities.
2. Plan & Profile CIPP – Site 6 Sheet (Sheet 49 of 99) to be removed and replaced with the sheet attached to this addendum.
  - a. Quantity table has been updated.
  - b. Reference notes have been updated.

**END OF ADDENDUM 3**


This Addendum including these three (3) pages is seventeen (17) pages in its entirety with the attachments.

Attachments:

Bid Proposal (4 pages)

Special Conditions (8 pages)

Plans Sheets 02, and 49



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Carl Bain, P.E.  
Bain Medina Bain, Inc.

BID PROPOSAL

PROPOSAL OF \_\_\_\_\_, a corporation  
a partnership consisting of \_\_\_\_\_  
an individual doing business as \_\_\_\_\_

THE SAN ANTONIO WATER SYSTEM:

Pursuant to Instructions and Invitation to Bidders, the undersigned proposes to furnish all labor and materials as specified and perform the work required for the project as specified, in accordance with the Plans and Specifications for the following prices in the bid proposal to wit:

**PLEASE SEE ATTACHED LIST OF BID ITEMS.**

\_\_\_\_\_  
BIDDER'S SIGNATURE & TITLE

\_\_\_\_\_  
FIRM'S NAME (TYPE OR PRINT)

\_\_\_\_\_  
FIRM'S ADDRESS

\_\_\_\_\_  
FIRM'S PHONE NO. /FAX NO.

\_\_\_\_\_  
FIRM'S EMAIL ADDRESS

The Contractor herein acknowledges receipt of the following: **Addendum No(s)**. \_\_\_\_\_

**OWNER RESERVES THE RIGHT TO ACCEPT THE OVERALL MOST RESPONSIBLE BID.**

The Bidder offers to construct the Project in accordance with the Contract Documents for the contract price, and to complete the Project within **365** calendar days after the start date, as set forth in the Authorization to Proceed. **The bidder understands and accepts the provisions of the contract Documents relating to liquidated damages of the project if not completed on time.**

Complete the additional requirements of the Bid Proposal which are included on the following pages.

**Statement on President's Executive Orders**

Has your firm previously performed work subject to the President's Executive Orders Numbers 11246 and 11375 or any preceding similar executive orders (Numbers 10925 and 11114)? Yes  No

**Texas Government Code Chapter 2274 Verifications**

- (1) Are you, Contractor, held or controlled by individuals who are citizens of China, Iran, North Korea, Russia or a country designated by the Governor of the State of Texas pursuant to Texas Government Code Chapter 2274? Yes  No
- (2) Are you, Contractor, held or controlled by a company or other entity, including a governmental entity, that is owned or controlled by citizens of or directly controlled by the government of China, Iran, North Korea, Russia or a country designated by the Governor of the State of Texas pursuant to Texas Government Code Chapter 2274? Yes  No
- (3) Are you, Contractor, headquartered in China, Iran, North Korea, Russia or a country designated by the Governor of the State of Texas pursuant to Texas Government Code Chapter 2274?  
Yes  No

### BID PROPOSAL LINE ITEMS

No.	ITEM	DESCRIPTION	UNIT	QUANT.	UNIT PRICE	TOTAL
1	104	Removing Conc (Sidewalks) (TxDOT Spec)	SY	127	\$	\$
2	104	Removing Conc (Riprap) (TxDOT Spec)	SY	12	\$	\$
3	203.1	Tack Coat (CoSA Spec)	GA	40	\$	\$
4	205.4	HMAC Pavement, Type D (2" Compacted Depth) (CoSA Spec)	SY	390	\$	\$
5	206.1	HMAC, Type B (10" Compacted Depth) (CoSA Spec)	SY	84	\$	\$
6	208.1	Salv, Haul & Stkpl Rcl Asph Pvmnt (2" Depth) (CoSA Spec)	SY	300	\$	\$
7	299	Flowable Fill	CY	160	\$	\$
8	432	Riprap (Conc) (6") (TxDOT Spec)	SY	12	\$	\$
9	506.1	Construction Exit (Install) (TxDOT)	SY	770	\$	\$
10	506.2	Construction Exit (Remove) (TxDOT)	SY	770	\$	\$
11	SP507.1	Remove and Replace Fence (CoSA Spec)	LF	100	\$	\$
12	515.1	Top Soil (4") (CoSA Spec)	CY	10	\$	\$
13	516.2	St. Augustine Sodding (CoSA Spec)	SY	150	\$	\$
14	520.1	Hydromulching (CoSA Spec)	SY	3580	\$	\$
15	530.1	Barricades, Signs, and Traffic Handling (Site 1 - Blanco Rd & Bitters Rd)	EA	1	\$	\$
16	530.1	Barricades, Signs, and Traffic Handling (Site 2 - Wurzbach Rd & Whisper Bow St)	EA	1	\$	\$
17	530.1	Barricades, Signs, and Traffic Handling (Site 3 - Wurzbach Pkwy & Weidner Rd)	EA	1	\$	\$
18	530.1	Barricades, Signs, and Traffic Handling (Site 4 - Guilbeau Rd & French Creek)	EA	1	\$	\$
19	530.1	Barricades, Signs, and Traffic Handling (Site 5 - Binz-Engleman & Rosillo Crk)	EA	1	\$	\$
20	530.1	Barricades, Signs, and Traffic Handling (Site 6 - LP 13 & Republic Golf Course)	EA	1	\$	\$
21	530.1	Barricades, Signs, and Traffic Handling (Site 7 - Creekside Dr)	EA	1	\$	\$
22	531	Conc Sidewalks (4") (TxDOT Spec)	SY	14	\$	\$
23	801	Tree Protection (COSA Spec)	LS	1	\$	\$
24	851	Adjusting Existing Manholes	EA	3	\$	\$
25	853	Fiberglass Reinforced Plastic Manholes (Tee Base) (72" Pipe) (5' Dia.)	EA	1	\$	\$
26	855	Reconstruction of Existing Manholes	EA	14	\$	\$
27	864	Bypass Pumping (Large Diameter Sanitary Sewers) (Site 1 - Blanco Rd & Bitters Rd)	LS	1	\$	\$
28	865	Bypass Pumping (Small Diameter Sanitary Sewers) (Site 1 - Blanco Rd & Bitters Rd)	LS	1	\$	\$
29	864	Bypass Pumping (Large Diameter Sanitary Sewers) (Site 2 - Wurzbach Rd & Whisper Bow St)	LS	1	\$	\$
30	865	Bypass Pumping (Small Diameter Sanitary Sewers) (Site 2 - Wurzbach Rd & Whisper Bow St)	LS	1	\$	\$
31	864	Bypass Pumping (Large Diameter Sanitary Sewers) (Site 3 - Wurzbach Pkwy & Weidner Rd)	LS	1	\$	\$
32	864	Bypass Pumping (Large Diameter Sanitary Sewers) (Site 4 - Guilbeau Rd & French Creek)	LS	1	\$	\$
33	865	Bypass Pumping (Small Diameter Sanitary Sewers) (Site 4 - Guilbeau Rd & French Creek)	LS	1	\$	\$
34	864	Bypass Pumping (Large Diameter Sanitary Sewers) (Site 5 - Binz-Engleman & Rosillo Crk)	LS	1	\$	\$
35	865	Bypass Pumping (Small Diameter Sanitary Sewers) (Site 5 - Binz-Engleman & Rosillo Crk)	LS	1	\$	\$

No.	ITEM	DESCRIPTION	UNIT	QUANT.	UNIT PRICE	TOTAL
36	864	Bypass Pumping (Large Diameter Sanitary Sewers) (Site 6 - LP 13 & Republic Golf Course)	LS	1	\$	\$
37	865	Bypass Pumping (Small Diameter Sanitary Sewers) (Site 6 - LP 13 & Republic Golf Course)	LS	1	\$	\$
38	865	Bypass Pumping (Small Diameter Sanitary Sewers) (Site 7 - Creekside Dr)	LS	1	\$	\$
39	866	Sewer Main Pre-Television Inspection (8" - 15" Dia.)	LF	320	\$	\$
40	866	Sewer Main Pre-Television Inspection (18" - 24" Dia.)	LF	2769	\$	\$
41	866	Sewer Main Pre-Television Inspection (27" - Larger Dia.)	LF	4049	\$	\$
42	901.1	Install CIPP Sanitary Sewer Pipe (8") (Hot Water) (All Depths)	LF	320	\$	\$
43	901.1	Install CIPP Sanitary Sewer Pipe (24") (Hot Water) (All Depths)	LF	2769	\$	\$
44	901.1	Install CIPP Sanitary Sewer Pipe (30") (Hot Water) (All Depths)	LF	1067	\$	\$
45	901.1	Install CIPP Sanitary Sewer Pipe (72") (Hot Water) (All Depths)	LF	2982	\$	\$
46	910	Manhole Rehabilitation	VF	41	\$	\$
47	1020	Main Break/Leak Repair (36" Recycle Water)	EA	1	\$	\$
48	1103	Point Repairs (8" Dia.) (All Depths)	EA	1	\$	\$
49	1103	Point Repairs (24" Dia.) (All Depths)	EA	4	\$	\$
50	1103	Point Repairs (30" Dia.) (All Depths)	EA	2	\$	\$
51	1103	Point Repairs (72" Dia.) (All Depths)	EA	1	\$	\$
52	1103	Extra Length Point Repairs (8" Dia.) (All Depths)	LF	10	\$	\$
53	1103	Extra Length Point Repairs (24" Dia.) (All Depths)	LF	80	\$	\$
54	1103	Extra Length Point Repairs (30" Dia.) (All Depths)	LF	20	\$	\$
55	1103	Extra Length Point Repairs (72" Dia.) (All Depths)	LF	20	\$	\$
56	1103	Obstruction Removal by Remote Control (24" Dia.) (Manhole to Manhole)	EA	7	\$	\$
57	1103	Obstruction Removal by Remote Control (30" Dia.) (Manhole to Manhole)	EA	2	\$	\$
58	1103	Obstruction Removal by Remote Control (72" Dia.) (Manhole to Manhole)	EA	1	\$	\$
59	1109	Service Reconnection, All Depths (by Remote Control)	EA	43	\$	\$
60	C50(2)	Temporary Chain Link Fence (CoSA Spec)	LF	722	\$	\$
61	SS 6001	Portable Changeable Message Sign (TxDOT Spec)	EA	10	\$	\$
<b>Subtotal (Line Items 1 - 61) \$</b>						
62	SC-14	RailPros Service Allowance	ALW	1	\$ 50,000.00	\$ 50,000.00
63	100	Mobilization and Demobilization (Site 1 - Blanco Rd & Bitters Rd)	LS	1	\$	\$
64	100	Mobilization and Demobilization (Site 2 - Wurzbach Rd & Whisper Bow St)	LS	1	\$	\$
65	100	Mobilization and Demobilization (Site 3 - Wurzbach Pkwy & Weidner Rd)	LS	1	\$	\$
66	100	Mobilization and Demobilization (Site 4 - Guilbeau Rd & French Creek)	LS	1	\$	\$
67	100	Mobilization and Demobilization (Site 5 - Binz-Engleman & Rosillo Crk)	LS	1	\$	\$
68	100	Mobilization and Demobilization (Site 6 - LP 13 & Republic Golf Course)	LS	1	\$	\$

No.	ITEM	DESCRIPTION	UNIT	QUANT.	UNIT PRICE	TOTAL
69	100	Mobilization and Demobilization (Site 7 - Creekside Dr)	LS	1	\$	\$
<b>Subtotal Mobilization &amp; Demobilization (Line Items 63 - 69)</b>						\$
<b>(Max. 10% of Line Items 1 - 61)</b>						
70	101	Preparation of Right-of-Way (Site 1 - Blanco Rd & Bitters Rd)	LS	1	\$	\$
71	101	Preparation of Right-of-Way (Site 2 - Wurzbach Rd & Whisper Bow St)	LS	1	\$	\$
72	101	Preparation of Right-of-Way (Site 3 - Wurzbach Pkwy & Weidner Rd)	LS	1	\$	\$
73	101	Preparation of Right-of-Way (Site 4 - Guilbeau Rd & French Creek)	LS	1	\$	\$
74	101	Preparation of Right-of-Way (Site 5 - Binz-Engleman & Rosillo Crk)	LS	1	\$	\$
75	101	Preparation of Right-of-Way (Site 6 - LP 13 & Republic Golf Course)	LS	1	\$	\$
76	101	Preparation of Right-of-Way (Site 7 - Creekside Dr)	LS	1	\$	\$
<b>Subtotal Preparation of Right-of-Way (Line Items 70 - 76)</b>						\$
<b>(Max. 5% of Line Items 1 - 61)</b>						
77	102.1	Intermediate Demobilization and Remobilization	EA	1	\$	\$
<b>Total Bid Price (Line Items 1 - 77)</b>						\$

Mobilization and Demobilization lump sum bid shall be limited to a maximum 10% of the 1-61 Sub-total Base Bid amount. Preparing Right-of-Way lump sum bid shall be limited to a maximum of 5% of the Line Items 1-61 Sub-total Base Bid amount. The Line Item 1-61 Sub-total base bid is defined as all bid items EXCLUDING Item 100, Mobilization and Demobilization Item 101, Preparing Right-of-Way. In the event of a discrepancy between the written percentage and dollar amount shown for Mobilization and Demobilization and Preparation of ROW bid items the written percentage will govern. If the percentage written exceeds the allowable maximum stated for mobilization, demobilization, or preparation of ROW, SAWS reserves the right to cap the amount at the percentages shown and adjust the extensions of the bid items accordingly.

**SPECIAL CONDITIONS**

**SC1.** The CONTRACTOR shall, to the extent allowed by law, list a landowner or other person or entity with an insurable interest as an additional insured on the Commercial General Liability (CGL) and Commercial/Business Automobile Liability (AL) policy(s) of insurance that CONTRACTOR is required to maintain under this Contract. Landowner shall be added as an additional insured if indicated in the landowner's easement agreement and upon request as needed.

**SC2.** The CONTRACTOR shall notify the SAWS Construction Manager and the Engineer of Record of anticipated work within TXDOT right-of-way at least 60 days prior to mobilizing within TXDOT right-of-way.

**SC3.** CCTV videos were completed for SAWS on this project and have been made available for review by Bidders for informational purposes only. SAWS will require the execution of a SAWS disclaimer form by the potential Bidder Respondent as a condition of and prior to the release of the CCTV videos.

The disclaimer form can be found on the SAWS website at the following link:  
[https://apps.saws.org/business\\_center/ContractSol/](https://apps.saws.org/business_center/ContractSol/)

Bidders shall complete the Video Disclaimer form and sent it to Janie Powell via email at [Janie.Powell@saws.org](mailto:Janie.Powell@saws.org)

An ftp link will be sent to the Bidder to access the CCTV videos.

**SC4. CONSENT DECREE NOTICE PROVISION**

The San Antonio Water System ("SAWS"), the United States of America and the State of Texas have entered into a Consent Decree in Civil Action No. 5:13-cv-00666- DAE, United States of America and State of Texas v. San Antonio Water System, in the United States District Court for the Western District of Texas, San Antonio Division (the "Consent Decree"). A copy of the Consent Decree is available at

<https://apps.saws.org/infrastructure/epa/download.cfm>

Work performed pursuant to this contract is work that SAWS is required to perform pursuant to the terms of the Consent Decree. In the event of any conflict between the terms and provisions of this Consent Decree Notice Provision and any other terms and provisions of this Contract or the Contract Documents, the terms and provisions of this Consent Decree Notice Provision shall prevail.

**A. Retention of documents.**

Contractor shall retain and preserve all non-identical copies of all documents, reports, research, analytical or other data, records or other information of any kind or character (including documents, records, or other information in electronic form including, but not limited to e-mails) in its or its sub-contractors' or agents' possession or control, or that come into its or its sub-contractors' or agents' possession or control, and that relate in any



manner to this contract, or the performance of any work described in this contract (the "Information"). This retention requirement shall apply regardless of any contrary corporate or institutional policy or procedure or legal requirement. Contractor, Contractor's sub-contractors and agents shall retain and shall not destroy any of the Information until such time as Contractor has received written approval from the General Counsel of SAWS that the Information or any part of the Information may be destroyed. Contractor shall, within 30 days after receipt of a written request by SAWS, deliver the Information to SAWS. Contractor shall instruct and require its agents and sub-contractors performing any part of the work described in this contract to comply with the requirements of this paragraph.

**B. Notification of events that may cause delay.**

If any event occurs that may delay performance by Contractor, or Contractor's agents or sub-contractors of any work or obligation of any kind under this contract, Contractor shall provide notice in accordance with the Notice Provisions of this contract to SAWS within two (2) business days of the date Contractor or Contractor's agents or sub-contractors first knew that the event might cause a delay. Contractor shall provide a written explanation and description of the reasons for the delay, the anticipated duration of the delay, all actions taken or to be taken to prevent or minimize the delay, and a schedule for implementation of any measures to be taken to prevent or mitigate the delay or the effect of the delay. **TIME IS OF THE ESSENCE** in the performance of the requirements of this paragraph and of any work to be performed by the Contractor in this contract.

**C. Liability for stipulated penalties.**

The Consent Decree provides that the United States of America, the United States Environmental Protection Agency and the State of Texas may assess stipulated penalties against SAWS upon the occurrence of certain events. To the extent that Contractor or Contractor's agents or sub-contractors cause or contribute to, in whole or in part, the assessment of any stipulated penalty against SAWS, Contractor agrees that it shall pay to SAWS the full amount of any stipulated penalty assessed against and paid by SAWS that is caused or contributed to in whole or in part by any action, failure to act, or failure to act within the time required by any provision of this contract. Contractor shall also pay to SAWS all costs, attorney fees, expert witness fees and all other fees and expenses incurred by SAWS in connection with the assessment or payment of any such stipulated penalties, or in contesting the assessment or payment of any such stipulated penalties. In addition to any and all other remedies to which SAWS may be entitled at law or in equity, Contractor expressly authorizes SAWS to withhold all amounts assessed and paid as stipulated penalties, and all associated costs, fees, or expenses from any amount unpaid to Contractor under the terms of this contract, or from any retainage provided in the contract.

## **PROJECT REQUIREMENTS**

### **SC5. EXISTING UTILITIES**

The Contract Documents reflect the general location and routing for existing utilities. The CONTRACTOR shall visit the site, meet with the local utility company representatives, and coordinate and confirm the requirements for securing, protecting, adjusting, or relocating of utilities required to install the proposed sewer improvements. It shall be the CONTRACTOR's responsibility to locate existing utilities as required for construction and to protect them during construction at no additional cost to SAWS. CONTRACTOR shall verify depth and location of existing utilities and all related appurtenances shown and not shown on the plans in advance of trenching to allow for adjustments to the proposed alignment and/or coordination with other utility providers. Prior to commencement of construction, CONTRACTOR shall submit a plan for the proposed methods and frequency of test holes for utility verification as required to complete the work. No separate payment will be made for utility verification required to complete the work. CONTRACTOR assumes all liability for any damage that may result in not properly or adequately locating and protecting existing utilities.

### **SC6. PUBLIC RELATIONS**

The CONTRACTOR shall direct any and all questions from the public or media regarding the project to Byron Gipson with SAWS at (210) 233-2977 or Cecilia Picazo at (210) 233-3750. CONTRACTOR shall coordinate with SAWS COI and the SAWS COI will coordinate with the public relations contact person to provide a response to public inquiries.

### **SC7. CONSTRUCTION IN PROXIMITY TO RECYCLED WATER LINE**

- A. The Contractor will be working in close proximity to or crossing the SAWS' Recycled Water Mains. These mains are typically constructed of CSC pipe and will require support and/or protection during construction.
- B. The recycled water main is considered critical infrastructure for SAWS and its customers, as these mains provide critical water supply to manufacturing and other industry within San Antonio that requires significant notice prior to any shutdown.
- C. The Contractor shall notify SAWS, the Construction Manager and the Engineer of Record two (2) weeks in advance of any work occurring in close proximity to or requiring exposure of the mains.
- D. In the event a recycled water main is observed to be leaking, the Contractor shall notify SAWS immediately. The Contractor shall provide adequate access and space to SAWS to allow for the repair of the main.
- E. Contractor shall be prepared to repair the recycled water main in the event it begins to leak due to the Contractor's lack of proper protection.
- F. For shutdowns of the recycled water mains for any reason, the Contractor shall provide 30-day notice prior to shut down, to Pablo Martinez with SAWS at (210) 233-3673. To accompany the 30-day notice, the Contractor shall provide a work plan including the reason for shutdown, work to be completed, and duration of shutdown. Shutdowns will only be

permitted between the months of November 2023 and March 2024, and shutdown will not be allowed for more than three (3) days for any reason.

### **SC8. USE OF WATER FOR CONSTRUCTION**

- A. Contractor may be authorized to utilize water from recycled water mains that are adjacent to this project. If water from potable sources is not available at a given site, and the use of recycled water is desired, Contractor shall contact SAWS Construction Manager and request permission to use the recycled water. Recycled water may be used under the following conditions:
- a. Contractor to notify Roland Gutierrez (Superintendent, Recycled Water and Odor Control Operations) at [roland.gutierrez@saws.org](mailto:roland.gutierrez@saws.org) or (210) 233-3194. At the time of notification, Contractor to submit exhibits displaying the air release valves on the recycled water mains that are to be used.
  - b. Contractor to meet with Roland Gutierrez, SAWS Construction Manager, and the Project Engineer onsite prior to use of recycled water and after completion to verify proper restoration of the site.
  - c. The typical process for using recycled water is by replacement of an existing air release valve with a check valve and manifold/connection. Tap size to be determined by the Contractor and approved by SAWS. SAWS Construction Manager and Roland Gutierrez will determine the process for use of recycled water at the time of the onsite meeting.
- B. Contractor is directed to review each project site, as part of the bid process, and is likewise expected to include acquisition of any/all water needed in bid pricing. No additional payment will be made to contractor for acquisition of water for construction uses.

### **SC9. CLEARING OF EASEMENTS**

Contractor is advised to become familiar with the access route intended to access the work site for each segment. In some cases, the clearing and grubbing needed to adequately access the site(s) is significant, and contractor is advised to prepare pricing accordingly, per Item No. 101 – Preparing Right-Of-Way. The Contractor shall protect all trees greater than 6” in diameter, unless shown as removed on the Tree Preservation Plans. A meandering access route may be required to avoid tree removal.

Contractor is also advised that several of the sites contain trash and debris that has been illegally dumped in the area. Contractor is to remove trash and debris and dispose of same properly, as part of bid price for Item No. 101 – Preparing Right-of-Way.

### **SC10. CONSTRUCTION ADJACENT TO EXISTING LIVE SEWERS AND RECYCLED WATER MAINS**

Contractor is advised that this project is being performed, to repair sewer lines known to be in poor condition. New sewer construction is slated to occur in close proximity to existing sewer mains and existing recycled water mains as part of Site 6 of this project. Contractor is to devise a means to ensure that trench walls remain stable during construction, so that the integrity of the adjacent

sewer and/or recycled water main is preserved at all times. Contractor is also advised to exercise extreme caution when excavating, driving over, or placing equipment (such as by-pass pumps or other) directly over existing sewer lines or recycled water mains. Contractor may need to place additional protection over existing pipes to prevent damages from occurring related to construction activity above. Damages caused as a result of collapse of an existing sewer line or recycled water main due to construction activity above or adjacent to these existing infrastructures, is to be repaired by the contractor at no additional cost to SAWS.

#### **SC11. ACCESS/PRIVATE PROPERTY COORDINATION**

Access to the project sites will require close coordination with landowners and their tenants, if any. The Contractor shall coordinate with the SAWS Inspector to provide notice to all involved parties well in advance of the work and indicate when field work will begin at each project location. Contractor shall also provide an explanation of the type of work to be done and approximate schedule. The Contractor will bear full responsibility for any and all of his actions or results of any of his activities, intended or not, regardless of where his work is taking place.

#### **SC12. LIVESTOCK PROTECTION**

Contractor is advised that some project locations contain livestock. Contractor to be responsible for closing gates each time he passes through them to prevent livestock from exiting impacted properties. Gates shall remain closed when not actively being used for access. Contractor shall also be responsible for motor vehicle operation within the workspace to ensure that safe driving practices are observed, and livestock is not impacted.

#### **SC13. MISCELLANEOUS ITEMS (Site 6)**

- A. Contractor shall note that the Temporary Joint Use Agreement (TJUA) for site 6 is owned by the City of San Antonio (CoSA). CoSA has entered into an agreement with SAWS to allow use of the TJUA (location depicted in plans).
- B. Flow meters are present in upstream manholes for this Site 6. Contractor shall coordinate with Bobby Johnson at (210) 233-3493 or Abel Borunda at (210) 233-3704, a minimum of 72 hours, not including weekends or SAWS holidays, if sewer manholes are impacted or utilized for bypass operations.
- C. The contractor shall coordinate with SAWS and the contractor for BPC East and West Sewershed Package 2 – CIPP Project for bypass operations, construction schedule and/or other construction activities that may impact bypass operations for this project. This coordination shall be considered a non-separate pay item "NSPI" for all required coordination and sequencing of work with the other project.
- D. **Item C50(2) Temporary Chain Link Fence (CoSA Spec) shall follow CoSA Spec SP507 and the detail shown on Plan Sheet 50.**

#### **SC14. Construction within Railroad ROW**

The OWNER has entered into pipeline crossing and/or encroachment agreements with the Union Pacific Railroad Company (UPRR) for installation of sewer improvements located within the UPRR right-of-way within the scope of proposed construction. Contractor shall comply with all requirements of the executed agreements between SAWS and UPRR, including but not limited to insurance requirements, and onsite observation and/or inspection through UPRR authorized representatives named in the agreement during all construction and installation work. Copies of the railroad agreements are provided as an attachment to the Special Conditions. Per the Union Pacific Railroad agreements, the Contractor is required to have On-Site Observation of Construction while working on the water main within or crossing UPRR right-of-way. The Contractor shall contact the following RailPros contacts and provide them with the required Work Plan Form, Observation Agreement, and all other forms required prior to construction:

- Jason Murray (jason.murray@railpros.com or 248-974-3362) for any engineering field related questions;
- Marianne O'Bagy (marianne.obagy@railpros.com or 801-815-2884) for any document control questions;

The contractor shall follow UPRR agreement permit requirements and there shall be no separate pay item for coordinating with UPRR. SAWS will reimburse the Contractor at cost per a provided invoice for the required UPRR/RailPros flaggers and/or observers from the included allowance provided in the contract documents. If contractor expects to exceed the allowance provided in the contract documents, contractor shall inform and obtain approval from SAWS before SAWS will agree to exceed the allowance.

As part of the executed agreements, the following forms and/or items will need to be completed by the Contractor with UPRR/RailPros prior to beginning work on each permitted section:

- Complete the Project and Billing Form (to be provided) and email to [utilities.office.staff@railpros.com](mailto:utilities.office.staff@railpros.com) and the Observer Agreement and Flagger Quote and Services Agreement will be sent for processing.
- Email the UPRR representative (contact info found in the fully executed UPRR Agreement for each location) to inform them of construction in their region. Include the fully executed agreement in the email.
- Complete the Work Plan Form (to be provided) and submit to [utilities.office.staff@railpros.com](mailto:utilities.office.staff@railpros.com).
- Email the UP Manager Signal Maintenance (contact info found in the fully executed UPRR Agreement for each location) and give the location of the by-pass piping, the MP and Subdivision given in the Exhibit A of the executed UPRR Agreement, so they can locate the UPRR Signal Cables. Ask them to reply to your email with any instructions.
- Call 1-800-336-9193 to generate an active ticket or to renew an existing ticket to locate all UPRR telecommunication cables. Forward the CBUD Ticket to [utilities.office.staff@railpros.com](mailto:utilities.office.staff@railpros.com). Each contractor digging or drilling on the UPRR property must be named on the ticket.

Also, please make sure to review the UPRR PPE Requirements at the following location:  
[https://www.up.com/cs/groups/public/@uprr/@suppliers/documents/up\\_pdf\\_natedocs/pdf\\_up\\_supplier\\_safety\\_req.pdf](https://www.up.com/cs/groups/public/@uprr/@suppliers/documents/up_pdf_natedocs/pdf_up_supplier_safety_req.pdf)

**SC 15. Work performed within TxDOT Right-of-Way**

Contractor shall notify SAWS at least 60 calendar days prior to conducting any work in the TxDOT Right-of-Way.

**SC 16. Construction Right-of-Entry (ROE)**

All Sites for this project require Construction ROEs. Work and access areas for these sites are defined in the Construction ROE Exhibit B's (Refer to "Appendix A" for the construction ROE Exhibit B's). Special conditions related to the ROE's are documented in the plans and the signed ROE agreements.

The Contractor shall carefully review these documents and shall closely coordinate with landowners and their tenants. ROE agreements include additional insurance requirements for Contractor. Contractor shall name the affected property owners as additional insured and provide a certificate evidencing coverage limit specified in each ROE agreement prior to contract execution.

Property Owner Name	Property Address	Mailing Address	BCAD Property ID	Notes
HS Tejas LTD	Bitters Rd, San Antonio, Texas 78248	249 Mack Bayou Loop Ste 301, Santa Rosa Beach, FL 32459	698836	ROE TO CONSTRUCT
Mid - America Apartments LP	15150 Blanco Rd, San Antonio, Texas 78232	C/O MAA Schlinder #018168 6815 Poplar Ave. Ste 500, Germantown, TN 38138-0612	1099013	ROE TO CONSTRUCT
Denton Properties Denton Development CO	Blanco Rd, San Antonio, Texas 78232	3303 Oakwell CT Ste 100, San Antonio, Texas 78218-3081	669796	ROE TO CONSTRUCT
11-2015 Investment Holding LLC	1175 W Bitters Rd, San Antonio, Texas 78238	8452 Fredericksburg Rd #1, San Antonio, Texas 78229-3317	669870	ROE TO CONSTRUCT
Elm Creek Owner Assoc	Lockhill Selma Rd, San Antonio, Texas 78230	14603 Huebner Rd Bldg 40, San Antonio, Texas 78230-5513	558375	ROE TO CONSTRUCT
Mawi Saki & Valerie Lynn	11401 Whisper Valley St, San Antonio, Texas 78230	11401 Whisper Valley St, San Antonio, Texas 78230	543783	ROE TO CONSTRUCT
Beitel Creek LTD	Wurzbach Pkwy, San Antonio, Texas 78233	11 Lynn Batts LN Ste 100, San Antonio, Texas 78218-3077	1301653	ROE TO CONSTRUCT

Beitel Creek LTD	Schertz Rd, San Antonio, Texas 78233	11 Lynn Batts LN Ste 100, San Antonio, Texas 78218-3077	1276490	ROE TO CONSTRUCT
City Of San Antonio	N Weidner Rd, San Antonio, Texas 78233	PO Box 839966, San Antonio, Texas 78283-3966	564155	ROE TO CONSTRUCT
City Of San Antonio	S Weidner Rd, San Antonio, Texas 78233	PO Box 839966, San Antonio, Texas 78283-3966	564159	ROE TO CONSTRUCT
REM Enterprises LLC	999 S Weidner Rd, San Antonio, Texas 78233	3514 Forest Glade, San Antonio, Texas 78247	564156	ROE TO CONSTRUCT
Gish Kyle A	5432 Leonhardt Rd, San Antonio, Texas 78233	11603 N Weidner Rd, San Antonio, Texas 78233-6011	564147	ROE TO CONSTRUCT
City Of San Antonio	N Weidner Rd, San Antonio, Texas 78233	PO Box 839966, San Antonio, Texas 78283-3966	564154	ROE TO CONSTRUCT
City Of San Antonio	Guilbeau Rd, San Antonio, Texas 78250	PO Box 839966, San Antonio, Texas 78283-3966	683210	ROE TO CONSTRUCT
Covin Jeffrey Wayne & Marie Claire	Binz-Engleman Rd, Kirby, Texas 78219	5850 Binz-Engleman Rd, San Antonio, Texas 78244-2201	1255797	ROE TO CONSTRUCT
Smith Evelyn M & Wells James H	4207 SE Military Dr, San Antonio, TX 78222	14122 Churchill Estates Blvd apt. 1507, San Antonio, TX 78248-1176	466626	ROE TO CONSTRUCT
Republic Golf Club LTD	4226 SE Military Dr, San Antonio Texas 78222	512 E Blanco Rd #100, Boerne Texas 78006	466770	ROE TO CONSTRUCT

**SC 17. Project Requirements**

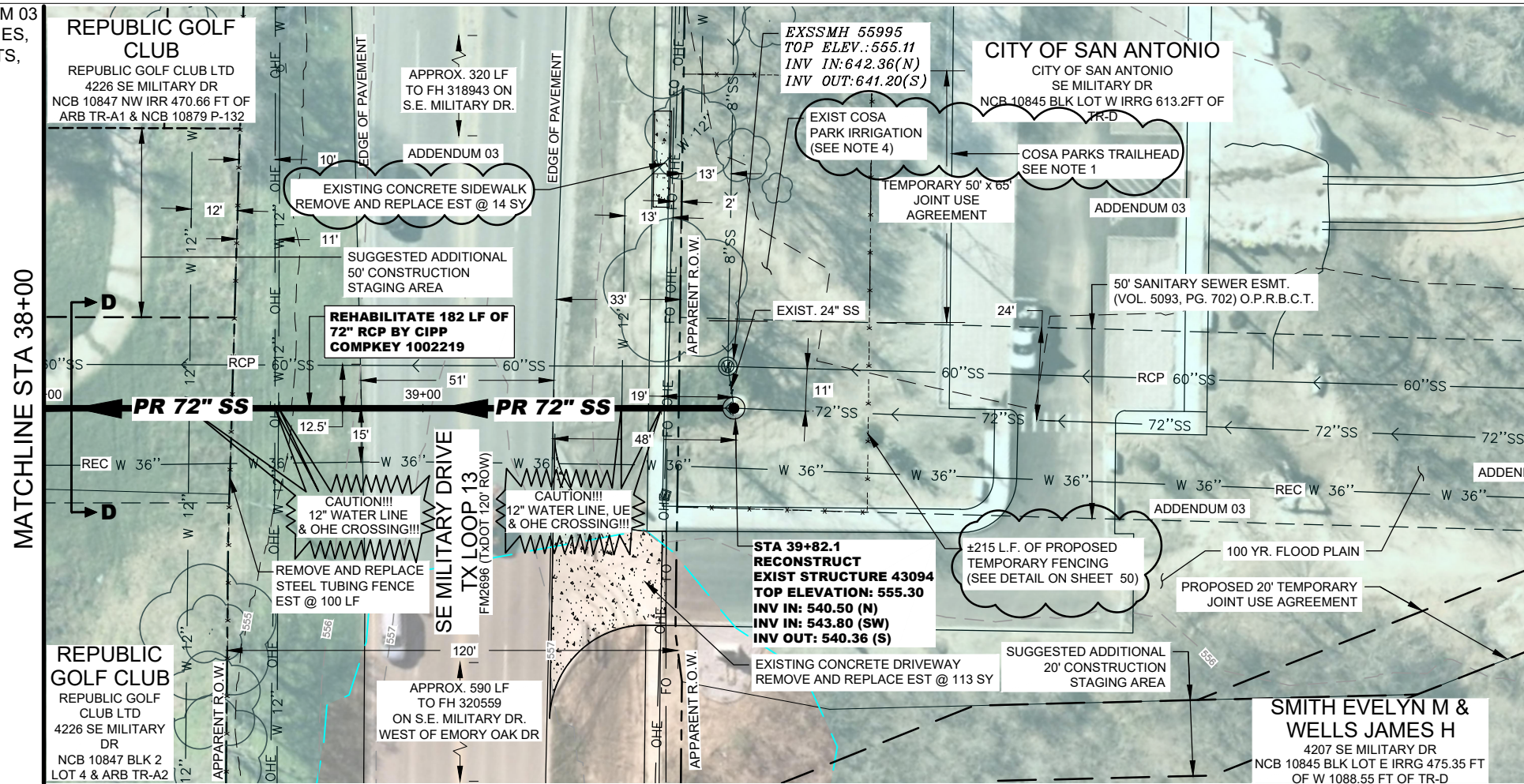
**A. Project Milestones**

The contractor shall take the following schedule constraints into consideration when planning their construction schedule:

- Site 7 – Creekside Drive needs to be prioritized by the contractor. This rehabilitation needs to be completed before the end of 2023.
- Site 4 – Guilbeau Rd and French Creek shall be prioritized by the contractor and be constructed after Site 7. Contractor is responsible to coordinate CoSA Parks during construction. CoSA Parks will have a project to be constructed in 2024 at the end of Exbourne Street and Echo Willow Drive.





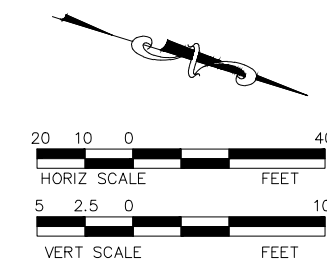


ESTIMATED QUANTITIES			
ITEM	DESCRIPTION	UNIT	QUANTITY
104	REMOVE CONCRETE (TXDOT)	SY	127
506.1	CONSTRUCTION EXIT (INSTALL) (TXDOT)	SY	220
506.2	CONSTRUCTION EXIT (REMOVE) (TXDOT)	SY	220
SP507.1	REMOVE AND REPLACE FENCE (COSA SPEC)	LF	100
530.1	BARRICADES, SIGNS, AND TRAFFIC HANDLING	LS	1
530	INTERSECTION, DRIVEWAYS, AND TURNOUTS (TXDOT)	SY	113
531	SIDEWALK (TXDOT)	SY	14
855	RECONSTRUCTION OF EXISTING STRUCTURE	EA	1
866	SEWER MAIN PRE-TELEVISION INSPECTION (27\"/>		

**NOTES:**

- CONTRACTOR SHALL TAKE SPECIAL PRECAUTION WHEN WORKING NEAR THE COSA S.E. MILITARY DR TRAILHEAD AND WILL BE RESPONSIBLE FOR RESTORING ALONG WITH ANY COST ASSOCIATED WITH DAMAGES DUE TO CONSTRUCTION ACTIVITIES FOR THIS PROJECT. REFER TO TO CONTRACT DOCUMENT FOR CONSTRUCTION REQUIREMENTS ADJACENT TO THE TRAILHEAD.
- CONTRACTOR SHALL SUPPORT, PROTECT, AND BRACE ALL EXISTING UTILITY CROSSINGS AND/OR ANY UTILITIES NEAR CONSTRUCTION ACTIVITIES. (NSPI)
- CONTRACTOR SHALL REFER TO TREE PRESERVATION PLANS FOR TREE PROTECTION AND MITIGATION.
- CONTRACTOR IS RESPONSIBLE TO PROTECT IRRIGATION LINES AND SPRINKLERS HEADS. CONTRACTOR WILL BE RESPONSIBLE TO REPAIR IRRIGATION SYSTEM TO ITS ORIGINAL OR BETTER CONDITION IF ITS DAMAGED DURING CONSTRUCTION (NSPI).
- CONTRACTOR SHALL REFER TO SPECIAL CONDITIONS 10 (CONSTRUCTION ADJACENT TO EXISTING LIVE SEWERS AND RECYCLED WATER MAINS) WITHIN THE CONTRACT DOCUMENTS FOR ADDITIONAL INFORMATION.
- SAWS E&W SEWERSHED PKG. 2 - CIPP PROJECT (SAWS JOB NO. 20-4528) CONSTRUCTION MAY BE ONGOING ADJACENT TO SITE 6 PROJECT AREA. CONTRACTOR SHALL CONTACT SAWS TO COORDINATE WORK IN THE AREA AT LEAST FOURTEEN (14) DAYS PRIOR TO MOBILIZATION OF SITE 6.

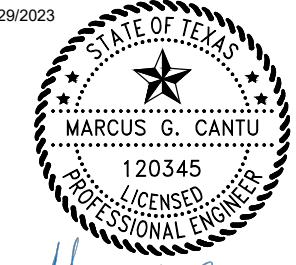
**PROP 72\"/>**



**LEGEND**

- EXISTING WATER METER
- EXISTING FIRE HYDRANT
- EXISTING POWER POLE
- EXISTING WATER VALVE
- EXISTING MAIL BOX
- EXISTING FLOW ARROW
- PROP WATER MAIN
- EXIST WATER MAIN
- PROP SANITARY SEWER
- EXIST SANITARY SEWER
- PROPOSED SEWER MANHOLE
- EXIST SEWER MANHOLE
- PROPOSED SEWER LATERAL AND CLEAN-OUT
- GAS MAIN
- OVERHEAD ELECTRIC
- UNDERGROUND ELECTRIC
- UNDERGROUND TELEPHONE
- PROPOSED FLOW ARROWS
- TREE
- SIGN
- GUY ANCHOR
- TESTHOLE
- CONTROL POINT
- STAGING AREA/AJIA
- EXISTING EASEMENT
- FLOWABLE
- PAVEMENT PATCH
- CAUTION GAS CROSSING
- FEMA 100YR FLOODPLAIN

SCALE:  
 HORIZ 1"=40'  
 VERT 1"=10'



Marcus G. Cantu, P.E.

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 www.MendezEngineering.com

**BAIN MEDINA BAIN, INC.**  
 ENGINEERS & SURVEYORS  
 TYPE 1 001712  
 7073 San Pedro, San Antonio, Texas, 78216  
 Phone: 210-494-7223 Fax: 210-490-5120 WWW.BMBI.COM

**San Antonio Water System**  
 2021 CMOM PACKAGE 4 - CIPP  
**SITE 6**  
**PLAN & PROFILE CIPP**  
**STA. 38+00 TO END**

DEVELOPER:	BUDGET PROJ.
CONT.	
SUBMITTED	
APPROVED	
MAP No.	
SECT. No.	100% SUBMITTAL
DR.OV/SVM/AM	CK. MC
JOB No.	22-4530
SHEET	49
OF	99

