

Multiple Sewershed Package 15 (Railroad) Project

Patrick O'Connor, P.E.

Project Engineer

Florinda Gonzales

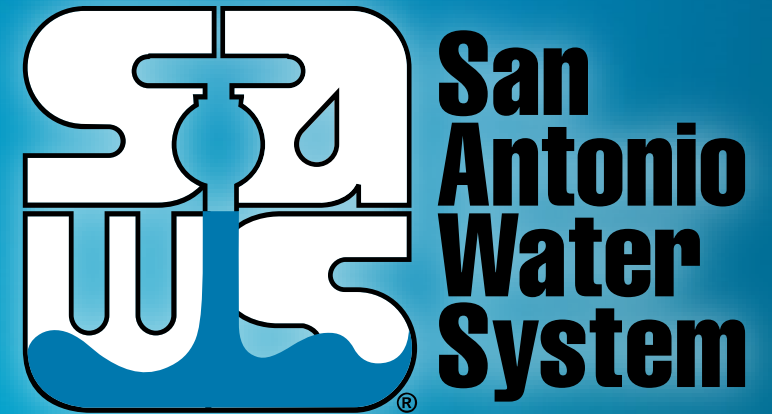
Contract Administrator

Marisol V. Robles

SMWVB Program Manager

Bryan Spina, P.E.

Design Consultant



Non- Mandatory Pre-Bid Meeting

September 14, 2021

MAKING SAN ANTONIO
WATERFUL



Oral Statements

Oral statements or discussion during the pre-bid meeting today will not be binding, nor will it change or affect the terms or conditions within the Plans and Specifications of these Projects. Changes, if any, will be addressed in writing only via an Addendum.



Agenda

- General Information
- SMWB Requirements
- Contract Solicitation Website
- Vendor Registration
- Key Reminders
- IFB Schedule
- Bid Packet Preparation
- Contract Requirements
- Required Experience
- Contact Information
- Project Overview



General Information

- This is a Non-Mandatory pre-bid meeting
- This presentation and the attendance sheet will be posted to the SAWS website
- Construction services being procured through IFB
- Construction Estimate: \$3,444,000.00
- Calendar Duration: 380 days



Aspirational SMWB Goal

Industry	Aspirational SMWB Goal
Construction	20%

The aspirational SMWB goal is 20% of your total bid price

Minimum Qualifications for SMWB recognition:

- **South Central Texas Regional Certification Agency**
 - SBE-Certified (even MBEs and WBEs)
 - Includes the Texas Historically Underutilized Business “HUB” Program
- ***Local office or local equipment yard***

Good Faith Effort Plan (GFEP) FAQs

- **Q: Is the 20% SMWB goal mandatory?**

A: No, but we ask prime contractors to do their best with good faith outreach efforts. If the goal is not met, proof of outreach efforts is required with the submittal.

- **Q: What if I am having trouble finding SMWB subcontractors?**

A: The SCTRCA has a search portal at www.sctrca.sctrca.org. Please contact Marisol Robles at Marisol.Robles@saws.org if assistance is needed.

- **Q: What if my business is SMWB-certified? Do I need to find SMWB subs?**

A: If your firm is SMWB-certified, you will most likely meet the goal. However, the GFEP is a required document, and a good faith outreach effort is still necessary.

- **Q: Do I need to include all my subcontractors in the GFEP or just those that qualify towards the SMWB goal?**

A: All subcontractors need to be included in the GFEP, even those that may not count towards the SMWB goal.

- **Q: What if I have questions about the GFEP?**

A: Please contact the SMWB Program Manager at 210-233-3420, or at Marisol.Robles@saws.org. GFEP questions can be asked at any time before the submittal is due.

Post Award: Subcontractor Payment & Utilization Reporting (S.P.U.R.) System

- 1. Subcontractor & Supplier Payment Tracking
- 2. Subcontractor and Supplier Additions or Substitutions
- 3. LCP Tracker
- 4. Must be Current and Accurate before Retainage is released

<https://saws.smwbe.com>

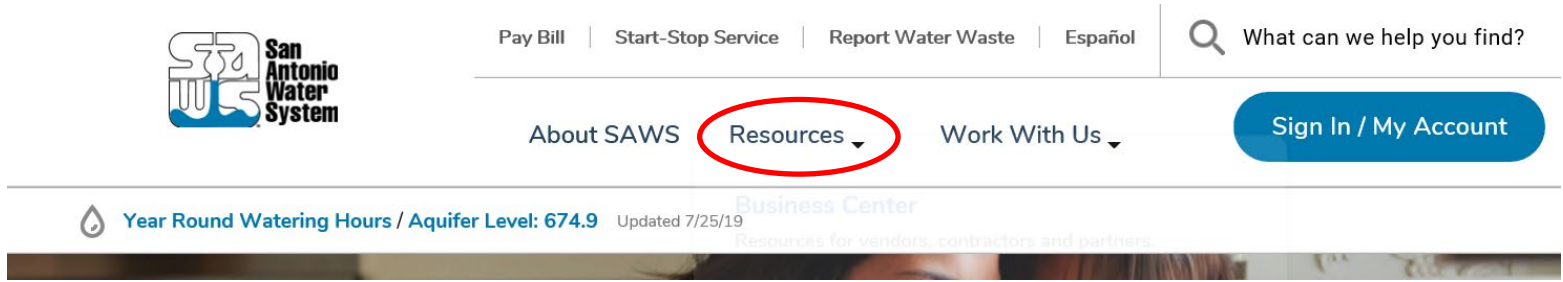


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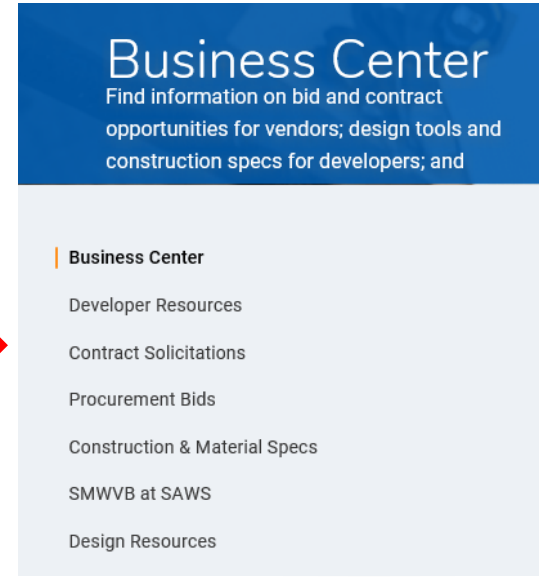


Contract Solicitations Website – Recent Changes

- To locate the Contract Solicitations website choose Resources




- At the drop-down menu choose Contract Solicitations



Contract Solicitations Website – Recent Changes

- Choose the specific project
- The following buttons are now located under the advertisement:
 - Notify Me
 - Plan Holder’s List
 - Downloads
 - Plans
 - Specs
 - Addendums
 - Geotechnical Data Report






**Non-Mandatory
Pre-Bid Meeting**

10:00 AM, Tuesday Aug. 6, 2019


San Antonio Water System Customer Service
Building, 2800 U.S. Hwy 281 N, San Antonio,
Texas 78212; Conference Room CR-C145



Notify Me

Receive updates sent straight to your inbox.

[Subscribe](#)




Plan Holders List

View plan holders list.


[View List](#)

Downloads

Specifications 

Jul. 31, 2019

Note: You must be logged in to access this document.

Plans 

Jul. 31, 2019

Note: You must be logged in to access this document.

Vendor Registration & Notification (VRN)

- Please register through SAWS Vendor Registration Program on the SAWS website at www.saws.org to ensure access to the latest information
- To receive updates on specific projects, registered vendors must 'Subscribe' to the project by selecting the project, and clicking 'Subscribe' under the Notify Me box

https://apps.saws.org/Business_Center/Contractsol/



Notify Me

Receive updates sent straight to your inbox.



Key Reminders

- All questions should be sent in writing to the corresponding Contract Administrator by email or fax
- Please identify the project by its associated solicitation number
- Contractors should not contact the SAWS project engineer, the consultants for this project, or any other SAWS staff up until Board award
- Late bids will not be accepted and will be returned unopened
- Due to the COVID-19 emergency and to protect the health of the public, SAWS is implementing new procedures for the submission of bids
- Bids will be received either Electronically or through Sealed bids
- Electronic bids will be received via the secure SAWS FTP site
- Sealed bids will be received by Contract Administration, 2800 U.S. Hwy 281 North, Tower II, Customer Center Building, via a drop box located on the left wall when walking through the first set of double glass doors of the main Tower II entry on the north side of the building
- If bids will be delivered in person to SAWS, Bidders should allow sufficient travel time



IFB Schedule

Questions Due
September 17, 2021
10:00am (CST)

Bids Due
September 27, 2021
11:00am (CST)

Answers Posted
September 22, 2021
2:00pm (CST)

Board Award
November 2021



Multiple Sewershed Package 15 (Railroad) Project



Bid Packet Preparation

- Utilize the Bid Packet Checklist within the specifications
 - All items due with the bid
- Double check all mathematical calculations and verify all extensions
- Addendums are acknowledged on the Bid Proposals
- Ensure Mobilization & Prep ROW Line Item does not exceed the percentage allowed
- References and contact information must be verified prior to submitting bid(s)
- Deadline baseline Schedule should be submitted upon request (by apparent low bidder) as part of the Bid Packet with an assumed NTP date of **November 15, 2021**



Contract Requirements

Prevailing Wage Rate and Labor Standards – Section 2.10 of the General Conditions

- Certified payroll to be submitted on weekly basis
- Wage decisions are included within the specifications
- Contractors to utilize LCP Tracker
- Site visits are random and unannounced
- Interviews will be Conducted and will be private & confidential
- Payroll records are subject to review
- All apprenticeship programs will need to be approved by Department of Labor prior to starting
- Contractors are responsible for sub-contractor payroll
- Late payrolls delay contractor payments from SAWWS



Contract Requirements

- Insurance requirements are found in Section 5.7 of the GCs
 - **Pollution, Installation Floater** and **Railroad Protective** Liability is required
 - Maintain insurance coverage during the construction of this Project
- Compliant prior to executing the contract
- Will ask for insurance prior to Board award to expedite execution of the contract
 - Any deficiencies must be corrected prior to Board award



Contact Information

Contact Name	Title	Telephone Number	Email address
Florinda Gonzales	Contract Administrator	210-233-3914	Florinda.Gonzales@saws.org
Marisol V. Robles	SMWVB Program Manager	210-233-3420	Marisol.Robles@saws.org



Project Location Map



- I-35 & WHIRLWIND DR.**
- ① 1,976 LF OF 10" SEWER & 167 LF OF 24" SEWER (COMPKEYS 3989698, 1000510, 3989697, 3989677, 1000509, 3989699, 1000769, 1003567, 1000768)

- OLD BROOKS**
- ② 447 LF OF 15" SEWER (COMPKEYS 3989678, 3989701)

- OLMOS BASIN GOLF COURSE**
- ③ 900 LF OF 21" SEWER, 1,267 LF OF 24" SEWER & 197 LF OF 36" SEWER (COMPKEYS 968434, 967698, 969222, 967369, 966767, 967699, 968575, 968013)

- HANSFORD ST.**
- ④ 105 LF OF 10" SEWER (COMPKEY 3989689, 3989708)

- E. PYRON AVE.**
- ⑤ 25 LF OF 12" SEWER (COMPKEY 3989710)

- MENARBY CT**
- ⑥ 52 LF OF 8" SEWER (COMPKEY 3989711)

- SAN PEDRO AVE.**
- ⑦ 366 LF OF 6" SEWER (COMPKEY 965297)

- W. MALONE**
- ⑧ 325 LF OF 8" SEWER (COMPKEY 972471)

- W. MAYFIELD**
- ⑨ 538 LF OF 12" SEWER (COMPKEYS 3363992, 975610)



Project Overview

Items of Note

- All locations are located near or within Union Pacific Railroad (UPRR) Right-of-Way
- Project consists of nine (9) locations to rehabilitate or replace twenty-six (26) segments of sewer main.
- The nine locations are the I-35 & Whirlwind Dr site along the UPRR ROW, the Old Brooks site behind Brooks Academy, Olmos Basin Golf Course, Hansford St between UPRR ROW and Naylor St, E Pyron near E Pyron and S Presa St, Menarby Ct between SW 19th St and UPRR ROW, San Pedro Ave, W Malone Ave, and W Mayfield Blvd between Wabash St and W Pyron Ave.
- Projects consists of pipe-bursting 1,051 LF of 12” and 21” sewer main, cured-in-place pipe rehabbing 3,116 LF of 10”-36” sewer main, jacking and boring 100 LF of 42” casing with 24” carrier pipe and open cut replacing 1,708 LF of 8”-24” sewer main.



Contract Requirements

Special Provisions

- Item 507 – Remove and Replace Fence: Establishes line item includes all types of fencing replacement required.
- Item 530 – Barricades, Signs and Traffic Handling: Establishes a lump sum item for each overall location.
- Item 540 – Temp Erosion, Sedimentation and SWP3 Controls: Establishes all related Work as a single “Lump Sum” item.
- Item 550 – Trench Excavation Safety Protection: Adds reference to trenching requirements and shoring required for working within UPRR right-of-way.
- Item 852 – Sanitary Sewer Manholes: Replaces the 2017 specification with the latest manhole specification.



Contract Requirements

Special Provisions

- Item 856 – Jacking, Boring or Tunneling Pipe: Removes tunneling from the specification and the use of liner plate.
- Item 862 – Abandonment of Sewer Main and Manholes: Removal of debris and build-up accumulated within existing sanitary sewer mains necessary to complete abandonment is subsidiary.
- Item 901 – Rehabilitation of Sanitary Sewer by Cured-in-Place Pipe (Hot Water or Steam Cured): Removes steam curing from the specification. Sanitary Sewers: HDPE Liner Pipe and Fittings section added.
- Item 1103 – Point Repairs for all sizes required.
- Item 1109 – Service Reconnection, All depths
- Other Special Provisions as described within the contract documents.



Contract Requirements

Special Specifications

- Item SS-102 – Mobilization: Establishes Intermediate Demobilization/Remobilization item if elected by SAWWS, including definition of related temporary bypass pumping activities during SAWWS- authorize demobilizations.
- Item SS-910 – Manhole Rehabilitation: Governs rehabilitation of manholes complete and in place and the materials used therein, including cleaning, interior surface restoration, priming the prepared surface and coating (including bench and invert of the manhole).
- Item SS-5000 – Settlement Monitoring: Provides direction on settlement monitoring required to monitor the tracks while conducting work within or crossing UPRR right-of-way.



Contract Requirements

Supplemental Conditions

- Contractor shall perform the work with its own organization on at least 40% of the total original contract price. This percentage should be reflected in the GFEP.
- Liquidated damages will be assessed as follows for final completion extending beyond contract time: \$1,370 per Day.
- Updated Instructions to Bidder items for electronic bids and hard copy bid submittals and WebEx bid opening due to COVID-19.
- Update to Article V – Contract Responsibilities to include Railroad Protective Liability insurance requirements.
- Includes any other supplemental conditions pertinent to the project.

Contract Requirements

Special Conditions

- Contractor shall meet requirements of Union Pacific Railroad (UPRR) Agreement for pipeline crossing and encroachments. Special Condition provides UPRR/RailPros contact information and documentation required before work can begin within UPRR right-of-way.
- The Contractor shall coordinate with UPRR and their consultant RailPros as per Special Condition SC3. Contractor shall note that coordination does take time to get all required submittals approved, so coordination shall begin as soon as the Notice-to-Proceed.
- Multiple locations will require work within the City of San Antonio right-of-way. The contractor shall be responsible obtaining and complying with the City of San Antonio Right-of-Way permits and coordinating tree arborist inspections.
- Some utility poles may require bracing during construction. Contractor shall coordinate with CPS Energy and pay for pole bracing. SAWWS will reimburse the contractor at-cost for the pole bracing based on submitted invoice through the allowance provided in the contract documents.



Contract Requirements

Special Conditions

- Contractors shall note that CPS Energy does not allow the use of mechanical digging near gas transmission mains over 12” in diameter. Contractors shall hand dig or use hydro-excavation within 5’ of any gas transmission mains and notify CPS as per Special Condition SC9.
- Please note the phasing outlined in Special Condition SC11. SAWS is in the process of obtaining Right-of-Entries to Construct for access and use of private property and will provide those once completed. The Contractor will follow the requirements of each Right-of-Entry to Construct.
- The Right-of-Entry to Construct for the E. Pyron site may take until July 31, 2022 to obtain, so this site shall be placed last in the schedule unless the Right-of-Entry to Construct is obtained and provided to the Contractor at an earlier date.



Contract Requirements

Special Conditions

- Contractors have the ability to use either Fiberglass Reinforced Polyester (FRP) or Pre-Cast manholes for the project as outlined in Special Condition SCI9. FRP manholes are not allowed for doghouse manholes and the cast-in-place portion of the doghouse manhole shall include the SAWWS approved antimicrobial additive as per Special Provision to Standard Specification 852.
- Contractor shall note that the use of APM Permacast MS-10,000 with ConShield coating is no longer allowed by SAWWS.



Project Description and Details

I-35 & Whirlwind Dr Site

- Consists of 1,356 LF cured-in-place pipe rehabbing of 10” sewer main, jacking and boring 100 LF of 42” casing with 24” carrier pipe, and open cut replacing 687 LF of 10”-24” sewer main. Manholes will either be replaced or rehabilitated.
- Includes one relocated crossing being bored under the UPRR tracks.
- The suggested bypass will run along the UPRR ROW and the existing sewer main.
- Access to the site is through four properties based on the Suggested Accessible Routes and per the Rights-of-Entry to Construct for the COSA property near 9911 N. Interstate 35, 9735 N. Interstate 35, 9603 N. Interstate 35 and through the existing and proposed Access Easements along the UPRR right-of-way.
- Section to be open cut near Whirlwind will require the contractor to expose and protect an existing 24” gas line.



Project Description and Details

Old Brooks Site

- Consists of open cut replacing 447 LF of 15” sewer main. Manholes will be replaced.
- Includes open cut relocation of entire segment behind Brooks Academy.
- The suggested bypass route will go through various properties along the existing sewer main.
- Access to the site is through Vance Jackson Rd based on the Suggested Accessible Routes and per the Rights-of-Entry to Construct for the SAWWS property near 4802 Vance Jackson Rd.
- Contractor will need to coordinate with SAWWS to access Brooks Academy through the SAWWS elevated storage tank property.
- Contractor will need to coordinate with Brooks Academy and protect the softball fields along the back of the Brooks Academy property as per Special Condition SC14.
- Work for this area must be conducted after softball season is completed around June 2022.



Project Description and Details

Olmos Basin Golf Course Site

- Consists of 1,464 LF cured-in-place pipe rehabbing of 24"-36", pipe-bursting 809 LF of 21" sewer main, and open cut replacing 92 LF of 21" sewer main. Manholes will either be replaced or rehabilitated.
- The suggested bypass may need to utilize existing cart path bridges and will need to remain out of the way of golfers.
- Access to the site is through McCullough Ave. or Basse Rd. based on the Suggested Accessible Routes and per the Rights-of-Entry to Construct for property 7022 McCullough Ave or through Jones Maltsberger Rd in coordination with TxDOT and UPRR.
- Sections to be open cut will require the contractor to protect and hand dig around existing 36" water main when necessary during construction.
- Contractor will need to complete a Temporary Right-of-Entry with UPRR under the initial permit folder 03263-29.
- Contractor shall coordinate with the Olmos Basin Golf Course to avoid conflicts with golfers as outlined in Special Conditions SC13.



Project Description and Details

Hansford St Site

- Consists of open cut replacing 105 LF of 10” sewer main. Manholes will be replaced.
- Includes open cut with realignment of sanitary sewer main.
- Suggested Bypass route shall run under UPRR bridge through concrete channel.
- Access to the site will require shutdown of Hansford through traffic control and detours and coordination with the school.
- Contractor shall coordinate with Riverside Park Academy to avoid impacts to school operations as noted in Special Condition SC15.



Project Description and Details

E Pyron Ave Site

- Consists of a proposed doghouse manhole and an 8” sanitary sewer lateral and the abandonment of the existing UPRR crossing and main within UPRR ROW.
- Access to the site is per the Rights-of-Entry to Construct for property 1839 E Pyron which is owned by the National Park Service.
- Contractor shall remove and replace fence as noted in the plans as the fence must meet the National Park Service’s requirements. Materials for the fence will be provided by the National Park Service and San Antonio Missions National Historical Park.
- Coordination with facility management chief shall be required for construction.



Project Description and Details

Menarby Ct Site

- Consists of open cut replacing 52 LF of 8” sewer main and the abandonment of the existing UPRR sewer crossing. Manholes will either be replaced or rehabilitated.
- Access to the site shall require traffic control for shutdown of cul-de-sac.
- Coordination with residents to manage flow in main.
- Based on current Pavement Index, the location will need to be milled and overlaid per the plans.



Project Description and Details

San Pedro Ave Site

- Consists of grout abandonment of 610 LF of 8” sewer main and rehabilitating the downstream manhole.
- Contractor may need to access the upstream manhole using the HEB parking lot. Please note that CPS Energy and HEB have conducted a land swap in the area and HEB will either be in the process of reconstructing or will have finished reconstructing their employee parking lot. Contractor shall take care to protect the newly reconstructed parking lot while accessing the upstream manhole for abandonment.
- CPS Energy is constructing an electrical substation adjacent to the HEB property. The construction of the substation and HEB parking lot may be occurring during this project. Contractor shall coordinate with any other contractors still in the area to avoid damaging any work.
- See Special Condition SC18 for any additional notes.



Project Description and Details

W Malone Site

- Consists of open cut replacing 325 LF of 8” sewer main. Manholes will be replaced.
- The suggested bypass will involve 2 temporary doghouse manholes within UPRR ROW. Both doghouse manholes will need to have their cones and risers removed and the top sealed after completion of bypass pumping.
- Site is located between two separate tracks and UPRR rights-of-way.
- Contractor shall coordinate with UPRR and RailPros to make sure the required flaggers and observers are on-site during work within the UPRR right-of-way.
- Based on current Pavement Index, the location will need to be milled and overlaid per the plans

Project Description and Details

W Mayfield Site

- Consists of the rehabilitation of 296 LF of 12” via Cured-in-place and 242 LF of 12” of Pipe-bursting. One manhole will be replaced, and two manholes will be rehabilitated.
- The suggested bypass will utilize the existing 8’x3’ culvert within UPRR right-of-way
- Portion of the sewer rehabilitation goes through Al Forge Park and the contractor shall install temporary construction fencing to delineate the work zone from the park and protect the light poles in the area as outlined in Special Condition SC17.



QUESTIONS?

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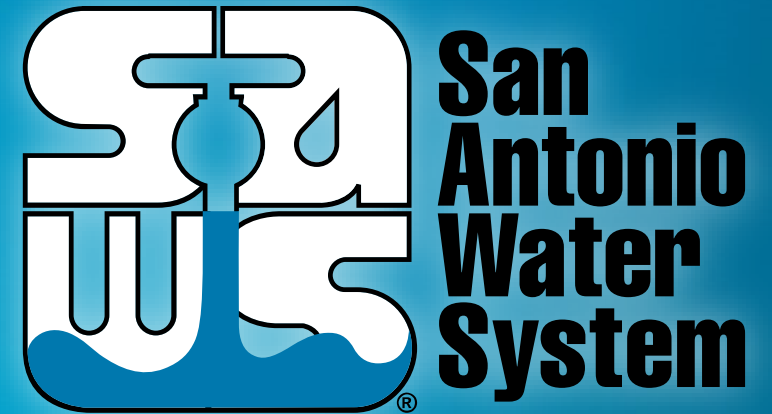
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