W-1 Leon Creek: Hwy 151 to Hwy 90
Lower Segment

Chris Mason, PE
Project Engineer, SAWS

Janie Powell
Contract Administrator, SAWS

Marisol V. Robles
SMWVB Program Manager, SAWS

Joseph Ortega, PE
Project Engineer, Pape-Dawson

Non-Mandatory Pre-Proposal Meeting
June 24, 2019 at 10:00AM
Meeting Agenda

- Oral Statements
- SMWB Goals
- General Information
- Contract Requirements
- RFCSP Evaluation Process
- Key Dates
- Proposal Packet Preparation
- Required Experience
- Evaluation Criteria

- Contract Highlights
  - Special Provisions
  - Special Specifications
  - Supplemental Conditions
  - Special Conditions

- Additional Reminders
- Communication Reminders
- Project Overview
- Additional Project Information
- Questions
Oral Statements

Oral statements or discussion during the pre-proposal meeting will not be binding, nor will it change or affect the terms or conditions within the Plans and Specifications for this Project. Changes, if any, will be addressed only via an Addendum.
Aspirational SMWB Goal

<table>
<thead>
<tr>
<th>Industry</th>
<th>Aspirational SMWB Goal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction</td>
<td>20%</td>
</tr>
</tbody>
</table>

The aspirational SMWB goal is expressed as 20% of your total bid price.
Accepted SMWVB Certification Agency

- **South Central Texas Regional Certification Agency**
  (Includes the Texas Historically Underutilized Business “HUB” Program)

**Minimum Qualifications for SMWVB recognition:**

- SBE-Certified (even MBEs and WBEs)

- **Local office or local equipment yard**
Accepted SMWVB Certifications

• Minority Business Enterprise (MBE) (Includes AABE; ABE; HABE and NABE)

• Small Business Enterprise (SBE)

• Woman-owned Business Enterprise (WBE)

• Veteran-owned Business Enterprise (Tracked)
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: Please email the SMWVB Program Manager with the scopes of work you are seeking. You will receive lists of local SMWVB-certified firms to contact.

• **Q: What if my business is SMWB-certified? Do I need to find SMWB subs?**
  A: If your firm is SMWVB-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 SMWVB 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.
S.P.U.R. System

- Subcontractor and Supplier Payment Tracking
- Subconsultant addition, substitution, or removal requests.
- LCPtracker
- Retainage
SAWS Reserves the right to deduct SMWB points

From SIR-11 in the Specifications Document:

C. Optional: Prior subcontractors/supplier utilization compliance averages for the past 2 years may be considered when totaling the SMWB score, based upon data from the Subcontractor Payment & Utilization Reporting (SPUR) System. This applies to SMWB and Non-SMWB Prime Contractors’ utilization of their SMWB subcontractors/suppliers. Up to 3 points may be deducted from the SMWB score for discrepancies between the pledged SMWB goal, and the current/ongoing actual utilization of SMWB subcontractors/suppliers on recent SAWS projects. This option does not apply to work order/unspecified contracts.

- • Total SMWB Subconsultant compliance discrepancy between 3% - 4%:
  - Deduct 1 Point
- • Total SMWB Subconsultant compliance discrepancy between 4% - 5%:
  - Deduct 2 Points
- • Total SMWB Subconsultant compliance discrepancy greater than 5%:
  - Deduct 3 Points
SMWVB Questions

Questions related to SMWVB may be directed to SAWS’ SMWVB Program Manager until the proposals are due. Her contact information is as follows:

Marisol V. Robles  
Contract Administration Department  
San Antonio Water System  
Email Address: Marisol.Robles@saws.org  
Telephone No.: 210-233-3420
General Information

• Non-mandatory pre-proposal meeting
• Attendees should sign-in
• Sign-in sheet will be posted on SAWS website
• Pre-Proposal Presentation will also be posted on SAWS website
• Construction services being procured under Chapter 2269 of Texas Government
• Code as a Request for Competitive Sealed Proposals (RFCSP)
General Information (cont.)

- Key project information:
  - 610 calendar days
  - Construction estimate is approximately $14.4M
  - This is an EPA consent decree project, which requires additional reporting and retention of document (see Special Conditions)
  - Geotechnical Data Report available on SAWS website, and may be accessed once a Disclaimer form is completed (see Special Conditions)
Contract Requirements

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

• Contractors to utilize LCP Tracker
  – Certified payroll to be submitted on weekly basis
  – Contractors are responsible for sub-contractor payroll
  – Payroll records are subject to review
  – Late payrolls delay contractor payments from SAWS

• Wage decisions are included within the specifications
• Site visits are random and unannounced
• Interviews conducted will be private and confidential
• All apprenticeship programs will need to be approved by Department of Labor prior to starting
Contract Requirements (cont.)

Insurance Requirements – Found in Section 5.7 of the General Conditions

• Special requirements for insurance include General Liability for Construction, Pollution Liability, Excess Liability and Installation Floater is required.

• We will ask for insurance prior to Board award to expedite execution of the contract.

• Insurance must be compliant prior to executing the contract.

• Selected contractor must be compliant with all other contracts in order for SAWS to award the contract.
RFCSP Evaluation Process

- Technical Evaluation Committee (TEC) will score the proposals based on the evaluation criteria published in the Supplementary Instructions to Respondents to determine the Respondent who can provide the best value to SAWS
- Price will be calculated (lowest price receives the highest points) and added to final scores (Computation steps noted in RFCSP)
- SMWVB will be added to final scores
- Selection Evaluation Committee reviews final scores
- Negotiations, if any
- Board award
Key Dates

- June 24, 2019  Non-Mandatory Pre-Proposal Meeting
- July 8, 2019 by 2:00 PM  Questions Due
- July 15, 2019 by 5:00 PM  Addendum Posted to SAWS Website
- July 25, 2019 by 2:00 PM  Proposals Due
- July & August 2019  Proposals Evaluated
- August 2019  Selected Contractor Notified
- September 2019  SAWS Board Approval and Award
- September 2019  NTP Issued
Proposal Due Date

• Proposals due no later than **2:00 PM (CT) Thursday, July 25, 2019**

• Follow specific delivery instructions:
  - Hand deliver to 2800 U.S. Highway 281 North, Customer Service Building, Suite 141, Counter Services (across from the guard station)
  - It is Respondents’ sole responsibility to ensure proper delivery of the package(s) if mailing a response to this RFCSP
    • Mail to: SAWS 2800 US Hwy 281 North, Customer Center Building – **Contract Administration, Suite 171**, San Antonio, TX 78212
  - Late responses will not be accepted and will be returned unopened

• Proposals will be publicly opened and read aloud
Proposal Packet Preparation

• Review Instructions to Respondents
• Utilize the Respondent’s Proposal Checklist
  – Proposal pricing envelope
  – Original proposal (1) and a flashdrive/thumb drive (USB)
  – Seven (7) copies with required information
• Thoroughly review evaluation criteria and respond with all required information to maximize points
  – Do so using proposal packet forms
• Thoroughly review scope and ensure project examples and key personnel resumes clearly show similar experience
• Verify contact information for all project references, if SAWS is not able to contact reference, points may be deducted or proposal deemed non-responsive
Proposal Packet Preparation (cont.)

- Ensure required documents are submitted and signed, (i.e. Respondent Questionnaire, CIQ, etc.)
- Entire proposal should create a clear picture of Project Team experience and capabilities (Org chart, projects, and resumes for Key Personnel and Key Subcontractors)
- Ensure Price Proposal and Schedule are submitted
  - Acknowledge Addendums on Proposal Signature Page
- Avoid “boilerplate” responses
Required Experience

• Installing large diameter (66-inch and larger) gravity sanitary sewer pipeline in the 5-year floodplain at depths > 30 ft. via open cut and trenchless

• Installing sewer pipelines in narrow corridors

• Complex sequencing across multiple sites within the same project

• On-time completion of project with accelerated schedules

• Coordination with multiple stakeholders including governmental agencies, private property owners, and business owners.

• Managing bypass pumping of large flows (35 MGD or greater)

*See Supplementary Instructions to Respondents (SIR) for full details
Evaluation Criteria

<table>
<thead>
<tr>
<th>CRITERIA</th>
<th>MAX POINTS</th>
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<tbody>
<tr>
<td>Team Qualifications and Experience</td>
<td>20</td>
</tr>
<tr>
<td>Quality, Reputation, and Ability to Deliver Projects on Schedule and within Budget</td>
<td>25</td>
</tr>
<tr>
<td>Project Approach including Delivery Schedule</td>
<td>15</td>
</tr>
<tr>
<td>Price</td>
<td>30</td>
</tr>
<tr>
<td>Small, Minority, and Woman-Owned Business Participation (SMWB)</td>
<td>10</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>100</strong></td>
</tr>
</tbody>
</table>
Evaluation Criteria (cont.)

Team Qualifications and Experience (20 points)

• Organizational Structure and Key Information on Prime Contractor (10 pts)
  – Company information (structure, debarment history, # of employees, years of construction work, etc.)
  – Organizational Chart with Key Personnel with percentage of availability, clear description of roles and responsibilities (Prime and Key Subs)
    ▪ Team history or approach if no prior experience to ensure successful completion of project
  – Availability of equipment and facilities
  – Financial statement within the last 12 months by independent CPA (to be included with Price Proposal envelope)

* Refer to SIR for full detail of Evaluation Criteria requirements
Evaluation Criteria (cont.)

Team Qualifications and Experience (cont.)

• Qualifications and Experience of Key Personnel Proposed for Project (10 pts)
  – Resumes of Key Personnel on 8 ½ x 11” one per person as identified on the Org Chart, not to exceed one (1) page
    ▪ Professional experience, education, role, descriptions of capabilities, etc.
    ▪ List of all other active projects team member assigned, percentage, date of completion of work

✓ Key Personnel include PM, Construction Manager, Quality Assurance and Quality Control Lead, Project Scheduler, Project Superintendent, Open Cut Superintendent, Tunneling / Boring Superintendent, and Tunnel Boring Machine (TBM) Operator, if applicable

✓ Key Subcontractor roles include tunneling, micro-tunneling, hand mining, large diameter open cut pipe installation and large diameter sanitary sewer bypass.
Evaluation Criteria (cont.)

Quality, Reputation and Ability to Deliver Projects on Schedule and within Budget

• Prime Contractor On-Time Completion on Similar Projects in the past 10 years (15 points)
  – List and describe 5 completed projects of similar size, scope, and complexity within the last 10 years
  – Owner reference contact information should be valid and recently verified
    ▪ If valid contact information is not provided, score or proposal may be negatively impacted
  – 2 of the 5 projects listed must have been performed by the proposed Key Personnel
  – If SAWS experience, 1 project of similar size, scope, and complexity should be included
  – The Respondent shall provide information for all current and/or recently completed pipeline projects performed in the last five (5) years for all Utility Owners in Texas

* Refer to SIR for full detail of Evaluation Criteria requirements
Evaluation Criteria (cont.)

Quality, Reputation and Ability to Deliver Projects on Schedule and within Budget

• Key Subcontractor(s) Performance on Similar Projects in the Last 10 years (10 points)
  – Provide list of 2 projects that Key Subcontractors Project Manager and/or Superintendent participated in of similar size, scope, and complexity
  – If Prime plans to self-perform and has no Key Subcontractors, provide a list of 2 additional projects *refer to Key Subcontractor roles
    ▪ Key Personnel must have participated in at least 1 of the 2 projects

* Refer to SIR for full detail of Evaluation Criteria requirements
Evaluation Criteria (cont.)

Project Approach including Delivery Schedule (15 points)

• Project Approach (10 points)
  – Narrative of Project Approach to complete project, including key milestones, critical path items, phases and/or sequencing, permits, etc.
  – Describe approach for coordination with key stakeholders
  – Provide innovative ideas for cost savings (due to method or duration)
  – Quality Management Plan including subcontractor oversight, QA/QC, etc.

• Project Schedule, procurement of long-lead items, unforeseen conditions (5 points)
  – Critical path method (CPM) schedule Primavera or Microsoft project
    ▪ Assume NTP of September 16, 2019
  – Project approach to procure long-lead items
  – List and describe prior instances of unforeseen conditions
  – Approach for mitigating and managing unforeseen conditions on this project

* Refer to SIR for full detail of Evaluation Criteria requirements
Evaluation Criteria (cont.)

Safety Information for Prime Contractor and Key Subcontractor(s) (Pass/Fail)

- Records showing Total Recordable Incident Rate (TRIR) past 5 years
- Provide records showing the company’s Experience Modification Rate (EMR) past 3 years
- List fatalities in company’s safety history for Prime Contractor and Key Subcontractor(s)
Evaluation Criteria (cont.)

Price Proposal (30 points)

• Lowest total price will receive 30 points.
• Remaining proposals will receive points based on comparison to the lowest price proposal.
• \((\text{Lowest total price} / \text{firm’s total price}) \times 30 = \text{Points earned}\)

* Refer to SIR for full detail of Evaluation Criteria requirements
Contract Highlights (cont.)

• Traffic Control Plans, Bypass Pumping Plans, and Groundwater and Surface Water Control Plan are the responsibility of the Contractor and at no additional cost to SAWS.
• Submittals can be submitted as soon as receiving notification of contract award after CPMS training (if necessary) has been completed.
Contract Highlights  *(cont.)*

- Prior to commencing work, contractor must submit and receive approval of the following:
  - Bypass plan
  - Traffic control plan
  - Construction Schedule
  - Pre-site video
  - Lease agreements
  - Groundwater and Surface Water Control Plan

- There will be one pre-construction meeting
  - Remaining submittals will be required

- Contractor must submit a Work Progress Schedule within 10 days of NTP and monthly thereafter
Contract Highlights (cont.)

External Agency Permit Requirements (City of San Antonio, SARA, etc.)

• Contractor to follow requirements identified in corresponding permits.
• Changes in field that are cited by the Agency’s Inspector will require concurrence and approval from the SAWS Inspector first.
• For work during weekends or extended hours, notification is required 48 hours in advance to SAWS Construction and Inspections. Requests should be send to constworkreq@saws.org.
Contract Highlights (cont.)

- All RFIs, RFPs, submittals, and any other items related to construction must be uploaded and processed via CPMS.
- No work can be performed by the Contractor unless the cost for that line item is on the contract.
- All traffic control plans must be submitted and approved by CoSA as applicable.
- Change orders, if any, will be based on negotiated prices if items are not in the price proposal.
  - Negotiated using RS Means
Contract Highlights (cont.)

• Contractor shall meet requirements of U.S. EPA Consent Decree.
• Contractor shall meet the construction, coordination, and restoration requirements for the following entities:
  – City of San Antonio (CoSA) Parks Department
  – Bexar County Parks Department
  – CoSA Tree Preservation
  – CoSA Right-of-way
  – CPS Energy
  – Flasher Equipment Company
  – TXDOT
• Geotechnical Data Report available on SAWS Contract Solicitation website, subject to SAWS Waiver execution.
Contract Highlights (cont.)

- Intermediate Demobilization and Remobilization bid item if elected by SAWS, including definition of related temporary bypass pumping activities during SAWS-authorized demobilizations. (Lines 78 – 79)
- Bypass Pumping, small and large Diameter Sanitary Sewers: Establishes extended Bypass Pumping equipment rental, fuel, and watch payment items if needed in association with SAWS-approved intermediate demobilization. (Lines 80 – 85)
Contract Highlights (cont.)

- Item SPTS 864 – S2 : Bypass Pumping Large Diameter Sewers
- Items SPTS 848 & STPS 857 – Payment for installation of pipe (LF) and separate pay item for testing (LS).
- Items SPTS 852 & STPS 853 – Payment for installation of manholes (EA) and separate pay item for testing (LS).
- Other Special Provisions to Specs. as described in Contract Documents.

- SS 1050 - Survey Controls
- SS 2140 - Control of Ground and Surface Water
- Other Supplemental Specs. as described in Contract Documents
Contract Highlights (cont.)

- Liquidated damages (LDs) for final completion extending beyond contract time will be assessed at a rate of:
  
  $1,850.00 per Day

- The LDs mentioned above do not include the additional LDs associated with the EPA deadline. (Refer to Special Conditions, SC2. - Consent Decree Notice Provision for details)
Additional Reminders

- Register with Vendor Registration Program on the SAWS website at [www.saws.org](http://www.saws.org) to ensure access to the latest information.

- To receive updates on specific projects, registered vendors should subscribe to the project by selecting the project, and clicking ‘Subscribe’ under the Notify Me box.
Communication Reminders

• There shall not be any communication with the following during the Proposal period:
  ✓ Design Engineer (Pape-Dawson)
  ✓ SAWS Project Manager or Project Engineer
  ✓ Any other SAWS staff
  ✓ City Council member or staff
  ✓ SAWS Board of Trustees

• This includes phone calls, emails, letters, or any direct or indirect discussion of the Proposal
Project Overview

- Installation of approximately 9,000 LF of 72 and 78-inch gravity sewer main via open cut and trenchless (pipe jacking, boring, and tunneling), with 12 FRP T-Base Manholes.

- Installation of approximately 1,600 LF of 8-inch gravity sewer main via open cut construction along Enrique M. Barrera Parkway and Arvil Avenue.

- Large Diameter Sewer Bypass Pumping – greater than 40 mgd.
  - See Special Provision 864-S2

- Pipeline installation located next to and crossing Leon Creek.
  - See Supplemental Spec. 2140 for Control of Ground and Surface Water

- Survey Controls Requirements
  - See Supplemental Spec. 1050
Project Location

W-1 Leon Creek: Hwy 151 to Hwy 90 - Lower Segment
CoSA Park – Levi Strauss

- Refer to Special Conditions
- Plans indicate which existing infrastructure is to remain
- CoSA Park Chain-Link Fence
Bexar County Park – Rodriguez Park

- Refer to Special Conditions for requirements
- Work Hours Mon. – Fri.
- Continuous access to Pavilion
CoSA Parks – Leon Creek Greenway

• Refer to Special Conditions for Requirements
• CoSA Park Chain-Link Fence
Migratory Birds

- Refer to Special Conditions for requirements
- In accordance with the Migratory Bird Treaty Act (MBTA) nesting period (March-August)
- Should construction and clearing occur from March through August, bird nest surveys need to be conducted by a biologist no more than 5 days prior to construction.
Timber Rattlesnake

• Refer to Special Conditions for requirements

• Prior to construction Contractor personnel and Subcontractor attend training on:
  – Snake Identification
  – Handling
  – Avoidance
Forested Wetlands

- In accordance with USACE avoid Forested Wetland area

- Install temporary construction fencing
Ground and Surface Water Control

- Refer to SS 2140 for Control of Ground and Surface Water
- Responsible for submitting a Groundwater and Surface Water Control Plan prior to installation of dewatering systems
Upstream Tie-in Point
Downstream Tie-In Point
Trenchless Construction Schedule Table (D-2)
Raised Manholes

- The project is within the 100-year floodplain
- Majority of project within the 5-year floodplain
- Raised manhole locations are shown on the construction drawings
Small Diameter Sewer Construction

- Construct 8-inch sewer main along Old Hwy 90 from Mustang Inn to Arvil Ave
- Construct through Concrete Bus Pad
- Coordinate with VIA/CoSA representatives
- Connect to existing manhole at Arvil Ave.
Small Diameter Sewer Construction

- Construct 8-inch sewer main along Arvil Ave
- Construct sanitary sewer laterals
Sewer Abandonment

- Abandon-in-place existing 8-inch, 42-inch and 54-inch sewer mains and manholes
- All existing lines to be CCTV inspected prior to grouting
- SPTS 862 indicates grouting of abandoned sewer lines and manholes shall be measured by the linear foot of abandoned sewer main
Tree Preservation Plans

- 50-foot temporary construction buffer to be left undisturbed
- Pre-Construction walk-thru required with CoSA Arborist
Questions

• Should be submitted no later than July 8, 2019 at 2:00 PM CT
• Must be submitted in writing:

Janie M. Powell
Contract Administrator
Contract Administration Department
San Antonio Water System
Janie.Powell@saws.org
Fax: (210) 233-5351
Questions?

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