

2019 Risk and Condition Assessment of Water Distribution Mains

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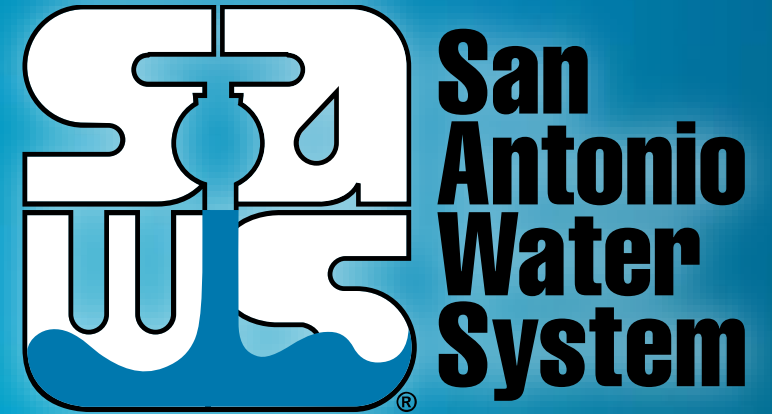
Contract Administrator

Diana Woltersdorf

Manager – Contract Administration

Marisol Robles

SMWVB Program Manager



Oral Statement

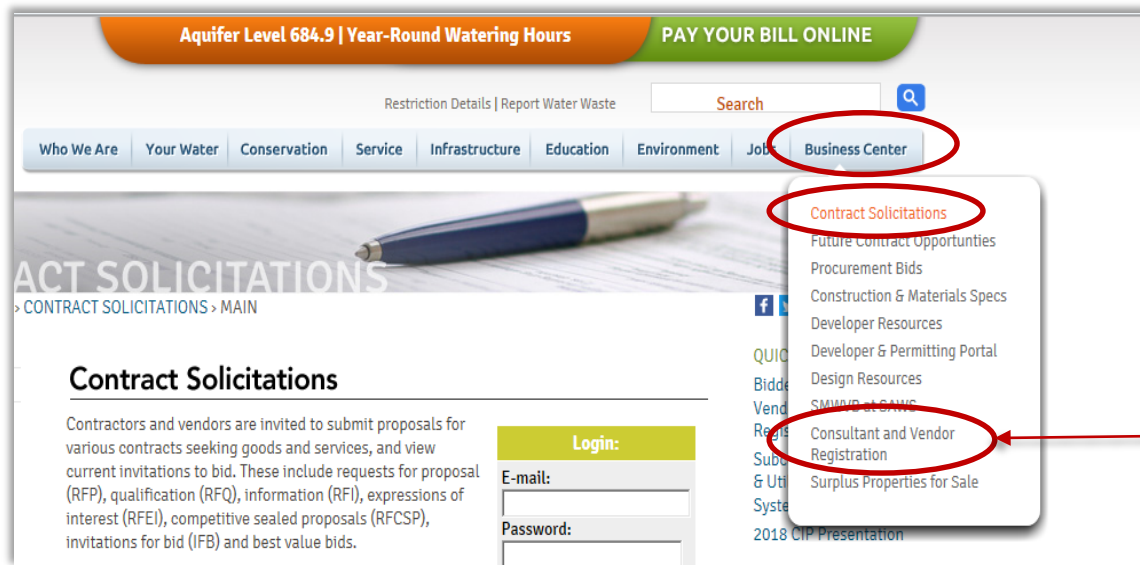
- Oral statements or discussion during this Pre-Submittal Meeting will not be binding, nor will they change or affect the RFQ or the terms or conditions of the contract. Changes, if any will be addressed in writing only via an Addendum.

Presentation Overview

- SAWS Processes and Solicitation Requirements:
 - Navigating the SAWS Website
 - Evaluation Criteria
 - Submitting a Response
 - Submittal Deadline
 - Selection Process
 - SMWVB
 - Key Dates
 - Communication Reminders
- Project Specifics
 - Risk Assessment and Prioritization Program
 - Inspection and Condition Assessment
 - System Integration Design

Navigating the SAWS Website

<https://www.saws.org>



To register as a vendor
****Recommended****

Under Contract Solicitations:

RFQ	Q-19-004-FF	2019 RISK AND CONDITION ASSESSMENT OF WATER DISTRIBUTION MAINS	4/22/19 2:00 PM	[MORE]
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To view information about this RFQ

Navigating the SAWS Website

contract solicitations
Request for Qualifications

Solicitation No. **Q-19-004-FF**

2019 RISK AND CONDITION ASSESSMENT OF WATER DISTRIBUTION MAINS

Due Date: **2:00 PM Monday, 4/22/19**

Status: **Currently Accepting Submissions**

The San Antonio Water System (SAWS) is accepting proposals from qualified consultants to assist SAWS in identifying and prioritizing water pipeline replacements based on risk assessment, establish a proactive water pipeline condition and inspection assessment program and develop a system integration design document to support asset management. The selected consultant will develop a 5-year Capital Improvement Plan (CIP) for water pipeline replacement that is cost effective and justifiable to SAWS stakeholders. This program will help reduce water loss, reduce the risk of water pipeline failure due to potential structural deficiencies, and to avoid full scale pipeline replacement projects in favor of small, targeted repair or replacement projects.

The Water Main Assessment will consist of 3 major Components:


I. RISK ASSESSMENT AND PRIORITIZATION PROGRAM - Water Pipeline Risk Assessment and Prioritization Program.


II. INSPECTION AND CONDITION ASSESSMENT - Inspection and Condition Assessment Program for large diameter water pipelines larger than 16"

III. SYSTEM INTEGRATION DESIGN - System Integration Design to support Asset Planning

Non-Mandatory Pre-Submittal Meeting

10:00 AM, Monday Apr. 1, 2019
San Antonio Water System Customer Service Building, 2800 U.S. Hwy
281 N, San Antonio, Texas 78212; Conference Room C-145

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Interested Firm List
Click here to view firms who have obtained the proposal for this RFQ.

**To receive notifications about this RFQ
Recommended**

Original RFQ

Where Addenda can be found with any changes to the RFQ

Firms who have viewed the RFQ

Selection Process

- Statements of Qualifications received and reviewed for responsiveness
- Selection Committee will score submittals based on established evaluation criteria
- Good Faith Effort Plan will be evaluated and scored separately
- Board Award

Evaluation Criteria

Criteria	Max Points
Experience, Qualifications and Similar Past Projects	25
Project Approach (Risk Assessment and Prioritization	25
Project Approach (Inspection and Condition Assessment	20
Project Approach (System Integration Design)	15
Small, Minority, Woman, and Veteran-owned Business (SMWVB) Participation	15
TOTAL	100

Evaluation Criteria

- Experience, Qualifications, and Similar Past Projects (25 pts)
 - Organizational chart identifying each team member and their role
 - Resumes of not more than 1 pages per person, no more than 8 total resumes
 - Name, title, education, professional experience, and licenses or affiliations
 - Role on this project
 - 2 current and/or previous similar projects in the last 5 years
 - Include name of client, location, duration of assignment, key team members role in the project, valid reference contact (name and verified phone number)

Evaluation Criteria

- (Contd.) Experience, Qualifications, and Similar Past Projects
 - Describe your firms experience in:
 - Developing Risk Scores for LoF & CoF (pipeline & valves)
 - Developing Asset Management Plans for Water Distribution
 - Developing Integration Design Documents & Support Asset Planning
 - Working with Esri ArcGIS & integrating with Infor
 - Working with Innovyze InfoWater for water distribution
 - Working with different technology for in-pipe condition assessment

Evaluation Criteria

- **Project Approach (Risk Assessment and Prioritization) (25 pts)**
 - Describe your team's approach to complete the Project, as described in the Scope of Service indicated within this RFQ. The approach should include how each task within the scope should be accomplished including associated resources. Emphasis should be given to maximize efficiencies in procedures/tasks to ensure that SAWWS meets its goal according to the project deadlines. Include any alternative innovative solutions to accomplishing the work. Be sure to reference the project tasks listed in the Scope of Service.
 - Provide a detailed schedule associated with each task showing how you will meet the overall project schedule.

Evaluation Criteria

- Project Approach (Inspection & Condition Assessment) (20 pts)
 - Provide a detailed approach explaining how the Respondent would complete this project as described in the Scope of Services. The plan should provide, at a minimum, itemized tasks, the required resources and a proposed timeline. Emphasis should be given to maximize efficiencies in procedures to ensure that SAWWS meets its goal in a timely manner.
 - Provide a detailed schedule associated with each task showing how you will meet the overall project schedule. Schedule must show anticipated duration of planning, construction, and assessment for an inspection run. Plan for a minimum of one (1) run in 2019.

Evaluation Criteria

- Project Approach (System Integration Design) (15 pts)
 - Provide a detailed approach explaining how the Respondent would complete this project as described in the Scope of Services. The approach shall include strategy to include automated integration of all Asset Planning Data (LoF, CoF, LoS) back into the SAWS enterprise system and document the flow of data between all systems and processes involved in the Water Distribution Asset/Project Planning.

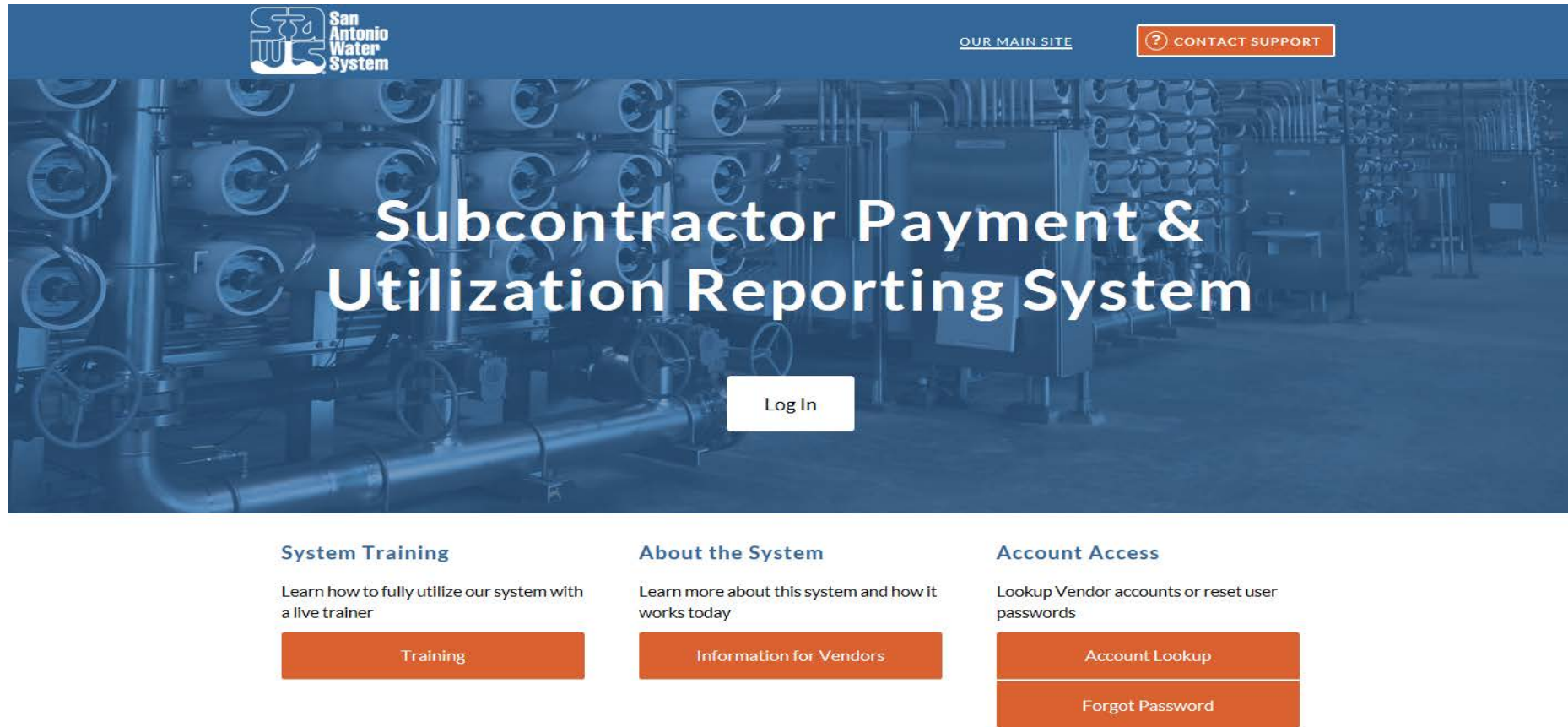
Evaluation Criteria

- SMWVB Evaluation (Maximum 15 pts)
 - Complete Exhibit “B” to show Respondent’s commitment to SAWS’ SMWVB policy, which will be based on meeting or exceeding the minimum aspirational SMWVB goal of 40%. All subconsultants should be included, regardless of whether they are SMWVB or non-SMWVB.
 - Firms must have an office in the local area.
 - Firms must have Small Business Enterprise (SBE) Certification to be counted for SMWVB Points (even Minority and Woman-owned firms).
 - Firms must be certified by the South Central Texas Regional Certification Agency or the State of Texas Historically Underutilized Business (HUB) Program.
 - Please contact the SMWVB Program Manager at Marisol.Robles@saws.org for assistance with finding certified subconsultants.

* Can reach out for SMWVB related questions up until the submission deadline

SMWVB - S.P.U.R. System

- Subconsultant Payment Tracking
- Subconsultant addition, substitution, or removal requests



Submitting a Response

- 1 hard copy marked “ORIGINAL”
- 8 copies
- CD or USB
- Separately sealed envelope to contain Good Faith Effort Plan, CD/USB
- 40 page limit per proposal not including required forms
- RFQ is subject to revision via written Addenda any time before the submittal deadline, check website
 - Addenda will be available through the SAWS website
- Contract Exceptions, if any, must be included with the response as indicated in the Respondent Questionnaire

Submitting a Response

- Thoroughly read the RFQ
- Submittal is complete, organized, and consistent with scope
- Use Submittal Response Checklist
- Be very specific and avoid “boiler plate” responses
- Maximize points by addressing all items in the order they are identified in the RFQ
- Use the most current information included with Addendums (and forms should there be any new ones issued)

Key Dates

- March 22, 2019
- April 1, 2019 at 10:00 a.m.
- April 3, 2019 by 4:00 p.m.
- April 5, 2019 by 4:00 p.m.
- April 22, 2019 by 2:00 p.m.
- April 2019
- June 4, 2019
- June 10, 2019

RFQ Released
Non-Mandatory Pre-Submittal Conference
Written Questions Due
Q & A Posted to Website
Proposals Due
Proposals Evaluated
SAWS Board Consideration and Award
Start Work

**The dates listed above are subject to change without notice*

Submittal Deadline

- Submittal deadline is April 22, 2019 by 2:00 p.m.
- Solicitation number, solicitation name, date and time of the deadline should be clearly identified on the outside of the package.
- Deliver to 2800 U.S. Highway 281 North, Customer Service Building.
 - Deliver to Counter Services
 - SAWS recommends submitting proposals at least two (2) hours prior to the deadline
 - Make arrangements early if mailing a response
- Late responses will not be accepted and will be returned unopened.

Communication Reminders

- There should **not** be any communication regarding this solicitation with the following:
 - SAWS Project Manager
 - SAWS Technical Representative
 - Any other SAWS staff, managers, directors, or VPs
 - City Council member or staff
 - SAWS Board of Trustees
- This includes phone calls, emails, letters, or any direct or indirect discussion of the RFQ.
 - If submitting for this RFQ and doing work for SAWS, indicate this when speaking with SAWS staff, but refrain from discussing the projects listed in this Solicitation
- This is in place from release of the RFQ to Board Award.

Risk Assessment and Prioritization Program

- Task #1 – Data Gap Analysis
 - Review existing in-house effort
 - Identify data gaps for a valid assessment
 - Recommend changes, conduct workshop, document in a TM
- Task #2 – Evaluation and Recommendation of Software
 - Review current Baseform LOF results
 - Evaluate Baseform SaaS and InfoAsset Planner
 - Provide pro's and con's of Baseform and InfoAsset Planner for SAWS program

Risk Assessment and Prioritization Program (contd.)

- Task #3 – Prioritization Model for Water Main Replacement or Rehabilitation
 - Develop LoF and CoF
 - Final output should be a list of assets prioritized by a combination of LoF and CoF
 - Conduct workshops and develop TM
- Task #4 – Develop 2021 to 2025 Capital Improvement Projects (CIP)
 - Identify replacement and rehab projects for a 5-year CIP
 - Develop a list of scoped projects and/or packages for 2021-2025
 - Conduct workshop and develop schedule

Risk Assessment and Prioritization Program (contd.)

- Task #5 – Develop the Water Pipeline Asset Management Plan Document, Final Report
 - Develop LOS for the rehab and replacement program
 - Review and communicate industry standards
 - Identify performance measures
 - Evaluate financial viability to ensure ongoing, cost effective performance
 - Conduct workshop, develop a charter for EMT approval

Inspection and Condition Assessment

- Task #1- Inspection and Condition Tool Assessment and Selection
 - Review and assess available tools and technology
 - Recommend appropriate tools for SAWS pipeline system
 - Conduct workshop and detail in TM
- Task #2- Planning and Execution of Inspection and Condition Assessment
 - Selection and planning of condition assessment inspections
 - Must take place concurrently with Risk Assessment and Prioritization Program tasks
 - Inspection runs in both 2019 and 2020
 - Includes planning, site preparations, field work, analysis, and documentation

System Integration Design

- Develop automated integration of SAWS enterprise systems (e.g. CMMS, GIS) into Asset Planning Systems (e.g. Baseform, Innovyze, etc).
- Develop automated integration of Asset Planning System results back into the SAWS enterprise systems.
- Integration design document should include all requirements needed for SAWS or SAWS software vendors to develop and maintain the integrations.

Additional Requirements

- SAWWS utilizes Esri ArcGIS Desktop 10.5.1 as its repository for asset data and utilizes Infor Public Sector v8.5.0 as its work order system. SAWWS is currently using Innovyze InfoWater© Suite 12.3 Update #3 as the software for Hydraulic Modeling. Preference will be given to the firm with experience in the use of the technologies above specified by SAWWS for this Program.
- As part of the deliverable requirements that final report must be signed and sealed by a professional engineer, each submittal must include a professional engineer licensed to practice in Texas.

Schedule

- Anticipated start date: June 10, 2019
- Anticipated end date: December 2020
- Must provide results for 2021 CIP by April, 2020
- Must provide results for 2022-25 CIP by December, 2020
- All documentation, TM's, and workshops to be delivered before December, 2020.

Contact Information

Contract Name	Title	Telephone Number	Email Address
Fred Flores	Contract Administrator	210-233-3404	Fred.Flores@saws.org
Marisol Robles	SMWVB Program Manager	210-233-3420	Marisol.Robles@saws.org
Susan Rodriguez	SMWVB Program Specialist	210-233-2950	Susan.Rodriguez@saws.org

QUESTIONS



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