

REQUEST FOR PROPOSALS

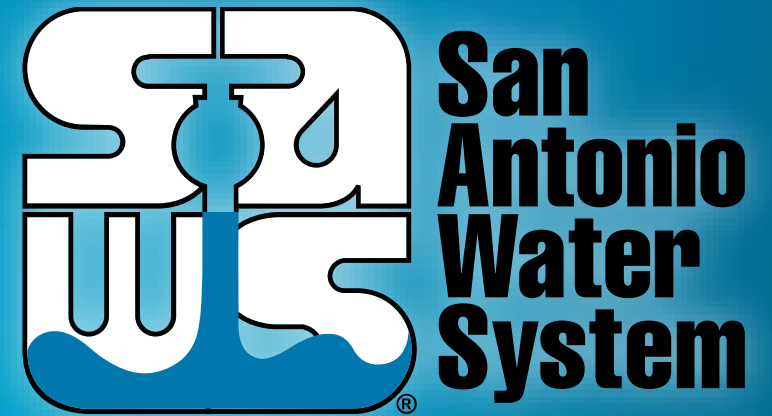
Advanced Data Analytics Solution for Pipeline Likelihood of Failure

Gina Cappa & Adam Aranda, P.E.

Purchasing / Project Engineer – Operations Support Engineering

Non-Mandatory Pre-Submittal Meeting

June 4, 2018



MAKING SAN ANTONIO
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Key Elements of the Solicitation

- Small, Minority, Woman, and Veteran-owned Business (SMWVVB) Evaluation/Requirements
- Evaluation Criteria to include a Proof of Concept
- Submitting a Response
- Communication Reminders
- Key Dates

SMWVB Evaluation

- 19% Aspirational SMWVB Goal
- Up to 10 SMWVB points available.
- Certified firms can count self-performance toward meeting the goal and earning SMWVB points.
- Non-SMWVB firms can earn points through SMWVB subcontractors and suppliers.
- Eligible firms must be certified through the South Central Texas Regional Certification Agency, and should have SBE certification, at minimum.
- Texas Historically Underutilized Business (HUB) certification is also recognized.
- SMWVB certification is ***not*** a pre-requisite for submitting a proposal.

SMWVB Questions

- Questions related to the SMWVB Program or scoring of the RFP may be directed to SAWS' SMWVB Program Manager, up until the RFP is due. Contact information is as follows:

Marisol V. Robles

San Antonio Water System

Email Address: Marisol.Robles@saws.org

Telephone No.: 210-233-3420

Susan Rodriquez

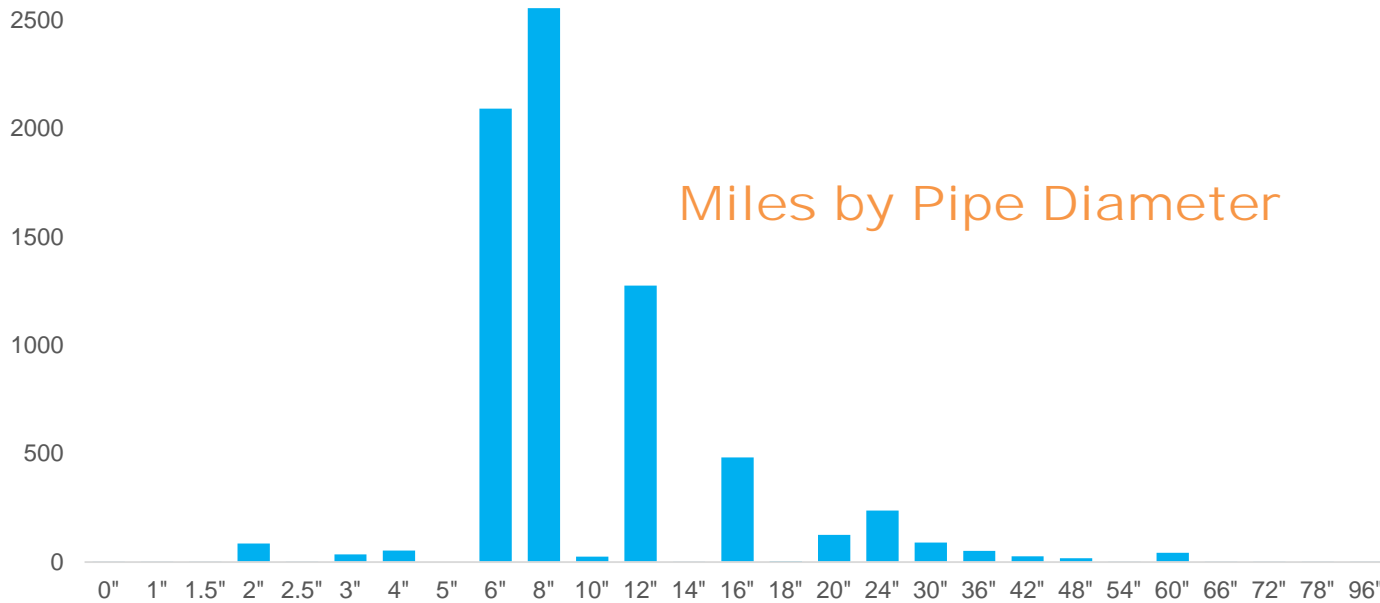
San Antonio Water System

Email Address: Susan.Rodriquez@saws.org

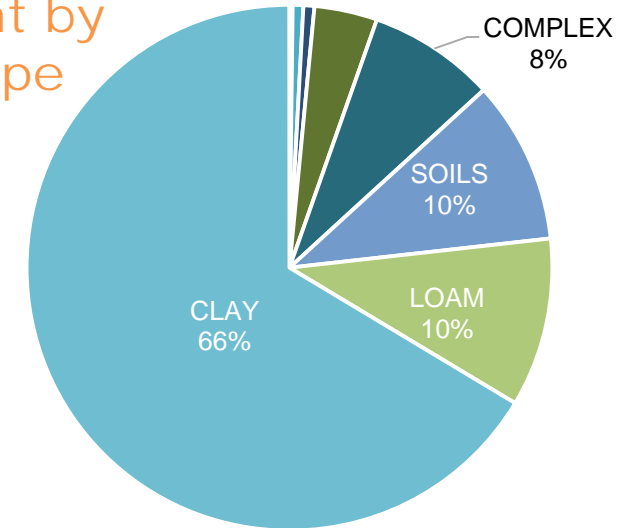
Telephone No.: 210-233-2950

Water Main Statistics

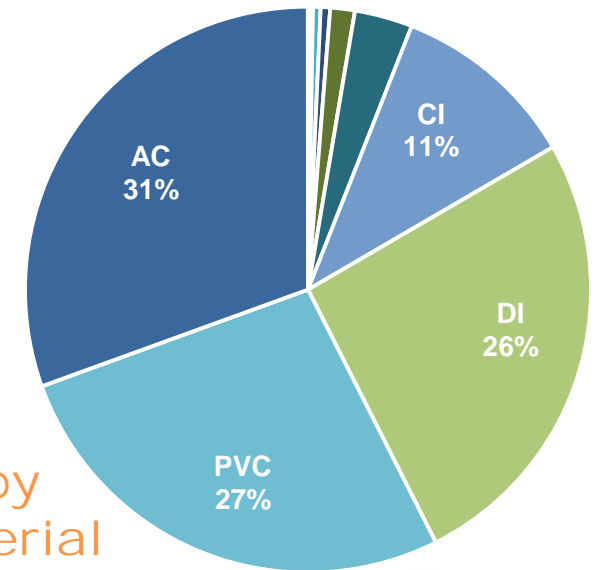
- Over 290,000 pipe Segments
- 7,200 miles of pipe
- Over 20,000 breaks between 2008-2017

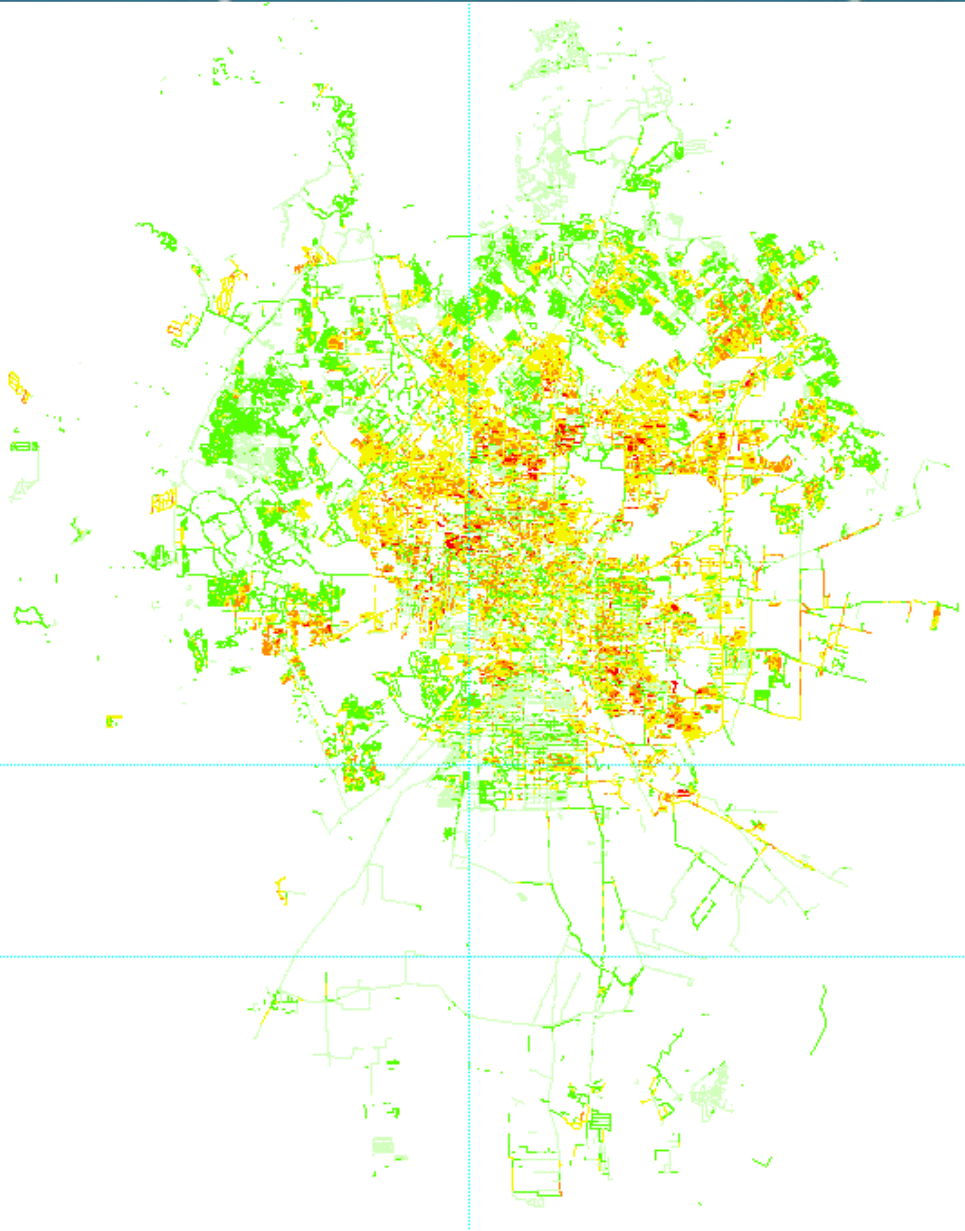


Percent by Soil Type



Percent by Pipe Material





Goals

- Establish Likelihood of Failure system to rank and prioritize water main projects.
- Preference if able to incorporate a multitude of pipe data:
 - Physical (material, age, etc.)
 - Operational (pressure, velocity, etc.)
 - Environmental (soil type, external stress, etc.)
- Incorporate into existing GIS software.
- Consequence of Failure not needed at this time.

Evaluation Criteria

Evaluation Criteria	Points
a. Functionality, Usability, and Project Approach	40
b. References, Similar Prior Experience, Project Team, and Resumes	20
c. Compensation Proposal	30
d. Adherence to Small, Minority, Woman and Veteran Owned Business (SMWB) Participation (Exhibit "B" Good Faith Effort Plan)	10
TOTAL	100

Evaluation Criteria

Functionality, Usability, and Project Approach

- Solutions to SAWS identified challenges within the Scope of Services.
- Complete technical specifications for proposed solution (to include warranty coverage, brochures, literature, etc.) on all items offered.
- Respondent shall list each criteria specified in the Scope of Services and shall provide a response for each item. Response shall include detail to include whether item criteria is met, as well as any additional information that demonstrates the ability to meet or exceed the requirement.
- **SAWS is seeking accurate risk assessment technology that finds targeted data while at the same time minimizing the risk of false positives. Provide your general percentage of false positives so that SAWS can use this as a distinguisher.**
- Describe your project approach to implementing your proposal to include approach, schedule, tasks and resources required. Also, specify required resources required from SAWS for a successful implementation.
- Vendor shall identify if the equipment is virtual or an appliance based system.

Evaluation Criteria

Proof of Concept

- As part of the evaluation, at SAWS request the respondent shall allow SAWS to test the software throughputs and/or outputs in order to validate that the product meets the minimum requirements and the minimum performance criteria as outline in the Data and Reporting section I.C.3 on page 4. At SAWS written request, respondent will have four (4) weeks to prepare and make available the advanced analytical results. Respondent shall also provide SAWS instructions on how to obtain the resulting data during the Proof of Concept period and provide SAWS access to the data.
- In order to fully validate results, main break data will only be given from the time period 2004-2015, which will be provided in an excel .xlsx format. After the software has analyzed each segment and provided LoF scores, results will be compared to break data from 2015-2017. This will be used to measure accuracy and as a comparison between each proposed software packages, throughputs or outputs.

Evaluation Criteria

References, Similar Prior Experience, Project Team, and Resumes

- Supporting documentation for experience with projects of similar size, scope, and objective.
- Provide at least one (1) previous project in which the Respondent has performed services and addressed issues for agencies that have had similar operational needs to those sought in this solicitation.
- Organizational Chart
- Resumes

Evaluation Criteria

Compensation Proposal

- Pricing will be evaluated based upon the lowest total price submitted on the Compensation Proposal.
- Proposal with the lowest price will receive thirty (30) points. All other proposals will be allotted a percentage of the 30 points based on a comparison with the lowest priced proposal. The following formula will be used:
 - $[(\text{Lowest price}) \div (\text{Bidder's price})] \times 30 = \text{Bidder's allotted points}$
 - * **All pricing shall be enclosed in a separate sealed envelope, marked “PRICING” with the ORIGINAL ONLY.**

Submitting a Response

Helpful Reminders

- Thoroughly read the RFP prior to preparing proposal
- Maximize points by addressing all items in the order as they are identified in the RFP
- Use the Submittal Response Checklist
- Be very specific and avoid “boiler plate” responses
- Contact the SMWVB Program Manager for assistance, if necessary
- Responses are limited to 50 pages
 - Cover letters, required forms, SMWVB documentation, report examples, safety procedures plans and tab dividers do not count towards the page count)
- Ensure that reference(s) are verified, which includes name, phone number, email, especially if an extended amount of time has passed

Communication Reminders

III. Communication Page 5 of the RFP

- 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 RFP
- Release of RFP- Board Award
- If under contract with SAWS for another project, please indicate you intend to submit/have submitted for this RFP; but refrain from discussing

Key Dates

Please note that dates are subject to change without notice.

May 25, 2018	RFP Released
June 4, 2018	Non-Mandatory Pre-Submittal Conference
June 5, by 4:00 PM (CT)	Receipt of Written Questions Due
June 8, 2018 by 4:00 PM (CT)	Q & A Posted to Website
June 15, 2018 by 3:00 PM (CT)	Proposals Due
June 15 – June 29, 2018.....	Proposals Evaluated
July 5 – July 30, 2018	Proof of Concept Period
August 2018.....	Interviews, if necessary
August 2018.....	Selected Firm Notified
September 11, 2018	SAWS Board Approval and Award
September 2018	Non-Selection Notices mailed
September 2018	Start Work

Addendum I Changed Due Date to June 22, 2018

Submission Due Date

IV. Submitting a Response Page 7 of the RFP

- Responses due no later than 3:00 PM (CT) June 22nd
- Follow specific delivery instructions
- Deliver to 2800 U.S. Highway 281 North, Administrative Building
- Make arrangements if mailing a response to this RFP
- Late responses will not be accepted and will be returned unopened

Respondent Questions

Gina Cappa
Contracting & Purchasing Specialist
San Antonio Water System
Administrative Building
2800 U.S. Hwy 281 North
San Antonio, TX 78212
Email: Gina.Cappa@saws.org
Fax to 210-233-4373

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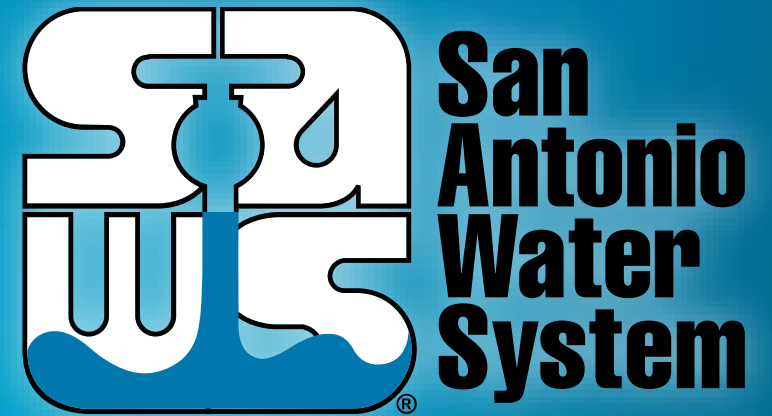
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