

# 2022 Potable Water Infrastructure Plan Project RFQ Pre-submittal Conference

**Bobby Johnson**

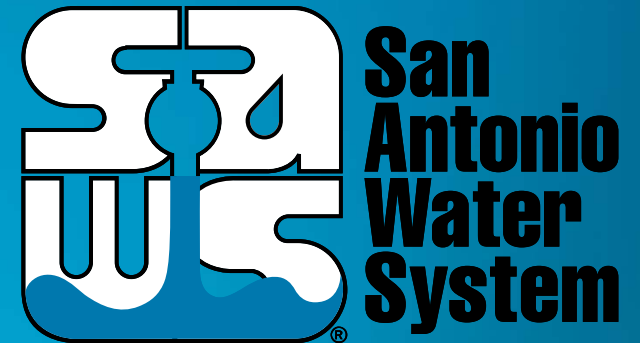
Manager – Master Planning, Engineering,  
SAWS Project Manager

**Marisol V. Robles**

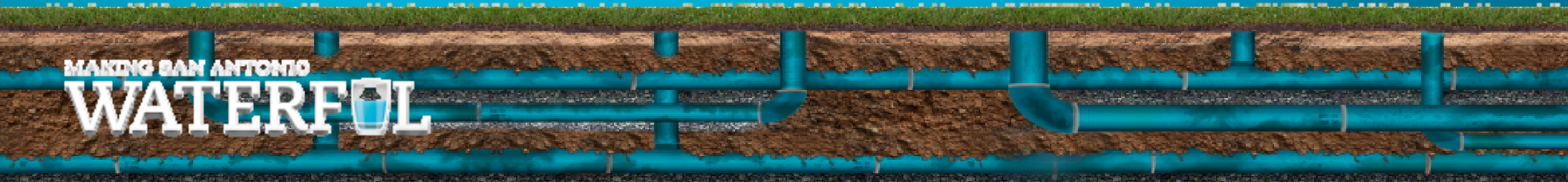
Manager – SMWVB Program

**Janie M. Powell**

Contract Administrator, SAWS



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# WebEx Housekeeping

- Stay muted during the entire presentation.
- Sign-In using the chat ensuring to select everyone from the drop down menu.
- Ask questions at any time during the presentation utilizing the chat. Questions will be addressed at the end of the presentation. Ensure to direct your questions to the entire group by selecting everyone from the drop down. All formal responses to questions will be provided via an Addendum.
- Audio only attendees may follow along on the presentation that has been posted to the SAWS solicitation website.

## Oral Statements

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

# Agenda

- SMWVB Requirements
- Communication Reminders
- RFQ Schedule
- Respondent Questions
- Addenda
- Submitting a Response
- Submittal Deadline
- Scoring Criteria
- Selection Process
- Additional Requirements
- Team Member Changes
- Project Overview (Scope of Services)

# Aspirational SMWVB Goal

<b>Industry</b>	<b>Aspirational SMWB Goal</b>	<b>Description</b>
Engineering and Other Professional Services	40%*	Points assessed on tiered scale

\*40% of the value of the contract.

# SMWVB Requirements

- SMWVB Certification accepted from the following entities:
  - South Central Texas Regional Certification Agency
  - Texas H.U.B.
- RFQ Scoring:
  - Up to 15 Points
  - Local Office
  - Small Business Enterprise (SBE)\* + Minority Business Enterprise (MBE) + Woman-owned Business Enterprise (WBE)

\*Required.



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

[WWW.SAWS.SMWBE.COM](http://WWW.SAWS.SMWBE.COM)



San Antonio Water System

OUR MAIN SITE

CONTACT SUPPORT

## Subcontractor Payment & Utilization Reporting System

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[Training](#)

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Learn more about this system and how it works today

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**Account Access**  
Lookup Vendor accounts or reset user passwords

[Account Lookup](#)

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The Subcontractor Payment & Utilization Reporting System is powered by B2Gnow Software © Copyright 2018.

2022 Potable Water Infrastructure Plan Project



# SMWVB Questions

Questions related to the SMWVB Program, the Good Faith Effort Plan (GFEP), or finding certified subconsultants may be directed to the SMWVB Program Manager until the RFQ is due.

**Marisol V. Robles**

SMWVB Program Manager

Email: [Marisol.Robles@saws.org](mailto:Marisol.Robles@saws.org)

Telephone: 210-233-3420



# Communication Reminders

- No communication regarding the RFQ 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
- No phone calls, emails, letters, direct/indirect discussion of the RFQ
  - If submitting for the RFQ and/or doing work for SAWS, indicate this when speaking with SAWS staff, but refrain from discussing the RFQ
- From release of the RFQ to Board Award

# RFQ Schedule

## Questions Due

June 15, 2021 by  
4:00 PM

## SOQs Due

June 29, 2021 by  
10:00 AM

## Notification of Award

July 2021

## Start Work

September 2021



## Answers Posted by SAWS

June 22, 2021 by  
5:00 PM

## Interview with Consultant

(if necessary)  
July 2021

## SAWS Board Approval

September 14,  
2021

The dates listed above are subject to change without notice.

# Respondent Questions

Must be submitted in writing via e-mail no later than June 15, 2021 by 4:00 pm to:

**Janie M. Powell**

Contract Administration Department

San Antonio Water System

[Janie.Powell@saws.org](mailto:Janie.Powell@saws.org)

# Addenda

- Register as a vendor with SAWS Vendor Registration and Notification
- More than one addendum may be posted
- Check SAWS website often and prior to submitting your proposal
- Known addendum changes are:
  - Addendum #1: Cover page submittal deadline date
  - Addendum #2: Responses to questions

# Submitting a Response

## Helpful Reminders

- Thoroughly read the RFQ document prior to submitting your proposal
- Utilize the Submittal Response Checklist
- Maximize points by addressing all items in the order they are identified in the RFQ
- Be specific; avoid “boiler plate” responses
- Contact the SMWVB Program Manager for assistance, if necessary
- Perform a thorough QA/QC on your proposal prior to submitting
- Page limit of thirty (30)
- Cover page/letter, divider pages do not count towards page limit

# Submittal Deadline

- Submittal deadline is June 29, 2021 at 10:00 am (CDT)
- “PS-00110\_2022 Potable Water Infrastructure Plan RFQ Response” and name of Respondent should be clearly identified on the subject line of the email
- Submit electronic copy
  - [contracting@saws.org](mailto:contracting@saws.org)
  - Email size limit of 10MB
  - One (1) pdf searchable file with bookmarks
  - SAWS recommends submitting your proposal at least two (2) hours prior to the deadline
- Late responses will not be accepted and will be unopened

# Scoring Criteria

- Team Qualifications and Experience 35 pts
  - Similar Project Experience 30 pts
  - Project Approach and Quality Assurance/Control 20 pts
  - Small, Minority and Woman, and Veteran-Owned Business (SMWVVB) Participation 15 pts
- Total: 100 pts**



# Scoring Criteria

## Team Qualifications and Experience

- Org Chart: Describe the composition of the team and identify each team and their role in providing the scope of services
- Resumes: Not more than two (2) pages for each of the team members
- Summary: not more than one (1) page, identify unique qualifications of each sub-consultant

# Scoring Criteria

## Similar Project Experience

- Ensure all project scopes are similar to the project described in this RFQ
- Provide minimum three (3) relevant projects in last five (5) years
  - Ensure to provide all requested information in the RFQ
- Ensure all project references provided include all requested and validated information

# Scoring Criteria

## Project Approach and Quality Assurance/Control

- Explain, in detail, how your firm will execute and complete the scope.
  - Provide itemized tasks and steps
  - Provide proposed timeline
  - Emphasize efficiencies in procedures
- Provide narrative response regarding QA/QC and other technical activities

# Selection Process

- Technical Evaluation Committee (TEC) will score the proposals based on the evaluation criteria published in the RFQ
- Selection Evaluation Committee reviews final scores and recommends firm
- Interviews, if necessary
- Board award

# Additional Requirements

## Section I.C. of the RFQ

- At least three (3) years of experience conducting water distribution system modeling and master planning utilizing hydraulic modeling software
- The model deliverable should be in SAWWS modeling platform format
- The project shall be managed by licensed Professional Engineers in the State of Texas.
- The project deliverables shall be prepared by licensed Professional Engineers in the State of Texas.
- The Consultant's Project Manager, a licensed Professional Engineer in the State of Texas, shall be based in a Texas office.
- Any management or team change during the execution of the project shall not have any effect on the progress, budget and schedule of the projects. SAWWS reserves the right to approve personnel changes.

# Team Member Changes

## Section II.A.4 of the RFQ

- During the evaluation period and up until award, if there is a change to any of the key team members identified on Respondent's organizational chart, Respondent shall notify the SAWS' point of contact identified in this RFQ, in writing as soon as possible regardless of whether it is the prime consultant's employee or an employee of a subconsultant. At SAWS sole discretion, SAWS may allow the Respondent to replace the key team member with an alternate member who possesses equal or better qualifications and experience.
- As outlined in SAWS' Ethics Policy, a former SAWS employee may not serve in a lead role as a key team member and may not participate in the negotiation of the contract for a period of two (2) years from termination of employment from SAWS. Failure to adhere to this policy may result in the Respondent's proposal being found non-responsive or a reduction in points during the technical scoring of the proposal.



# Project Overview

## Infrastructure

San Antonio Water System is committed to making sure our water and wastewater delivery systems meet the highest standards of safety and quality that our community expects and deserves.

2022 Potable Water Infrastructure Plan Project





# Scope of Services

## Project Management, Data Collection, & Peer Review

- Provide Co-Project Management Services Alongside SAWS Project Manager (PM)
- Peer Review of Tasks completed by SAWS Master Planning Team
  - Current SAWS model, updated from Enterprise GIS
  - Population estimates for 2021, 2026 to 2050
  - SCADA data
  - Production facility and pipeline list of operational issues and pending improvements

# Scope of Services

## Calibration

- Calibrate the SAWS Extended Period Simulation (EPS) hydraulic model
  - 6-inch to 60-inch mains are modeled representing 7000 miles
  - Water mains, production and storage facilities modeled

# Scope of Services

## Operational Model

- Develop a 2021 EPS operational model to include:
  - Average Day
  - Minimum Day
  - Maximum Day & Maximum Hour scenarios

# Scope of Services

## Future Planning Models

- Develop Future EPS Models for planning years:
  - 2026
  - 2039
  - 2050
- Optimization of integrated water supplies considered for future models. Key supplies:
  - Water Resource Integration Pipeline
  - Central Water Integration Pipeline

# Scope of Services

## Backup Power Study

- Emergency performance assessment of 2021 winter storm
  - Critical facilities
  - Back-up power
  - Fuel storage
  - Consideration for back-up power for H2Oaks facility

# Scope of Services

## Capital Improvements Plan (CIP)

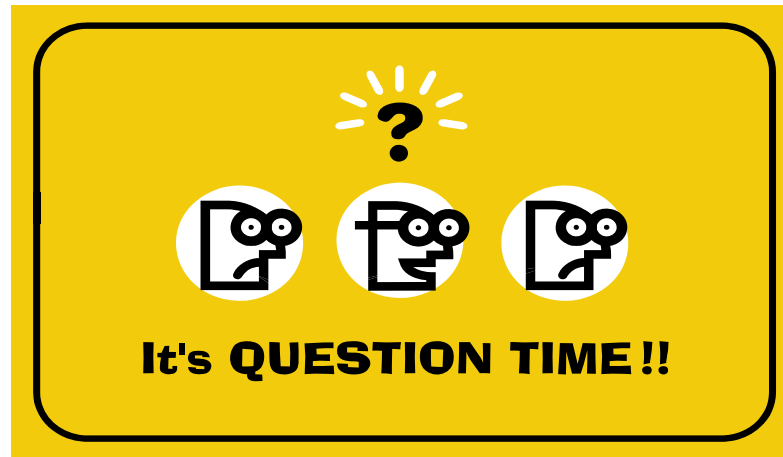
- Develop a prioritized CIP through 2050 to include
  - Cost estimates
  - Scope and justification
- Incorporate the following considerations
  - TCEQ capacity requirements.
  - Planned developments - utility service agreements (USAs)
  - Manage pressures throughout multiple pressure zones

# Scope of Services

## Deliverables

- Prepare Technical Memorandums to be identified during scheduling process
- Conduct training workshops for SAWS staff on the use of InfoWater Pro tools (for water quality, system optimization, calibration, or surge analysis, etc.). [1 or 2]
- Prepare and deliver final operational and future simulation model sets; a Final WIP Document and WIP exhibit; and working documents and data sets of benefit to SAWS staff.





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**Bobby Johnson**

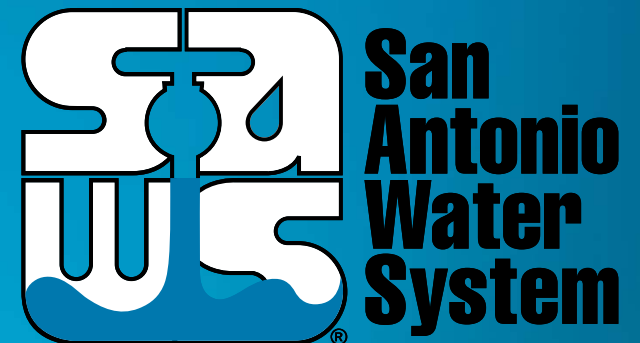
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