

# Total Dissolved Solids (TDS) and Chloride Source Identification and Reduction Work Plan Project RFQ Pre-submittal Conference

**Adrian Montemayor**

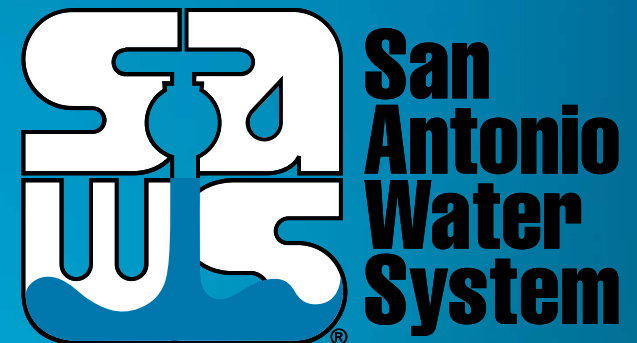
Group Operations Officer – Production & Treatment  
Operations, SAWS Project Manager

**Martin Miller**

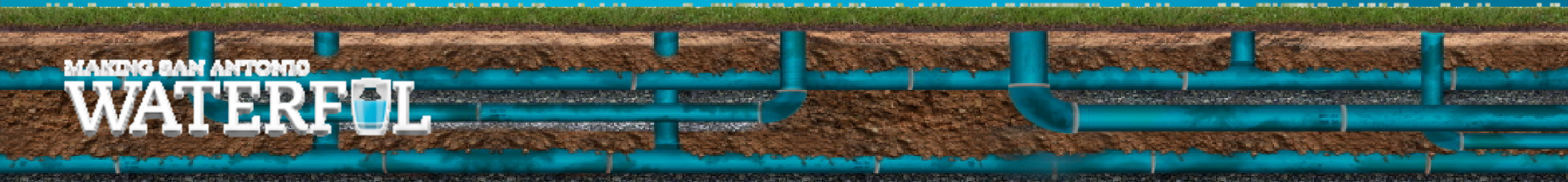
Supervisor – Resource Protection & Compliance, SAWS  
Technical Representative

**Janie M. Powell**

Contract Administrator, SAWS



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## 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

- Small, Minority, Women and Veteran-Owned Business (SMWVB Requirements)
- Communication Reminders
- RFQ Schedule
- Respondent Questions
- Addenda
- Preparing a Response
- Submitting a Response
- Submittal Deadline
- Scoring Criteria
- Scope of Services Overview

Total Dissolved Solids (TDS) and Chloride Source  
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# 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)
  - Veteran-owned Business Enterprises (VBEs): Not eligible for points, but tracked for participation

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

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

The screenshot shows the homepage of the Subcontractor Payment & Utilization Reporting System. At the top left is the San Antonio Water System logo. To its right are links for 'OUR MAIN SITE' and 'CONTACT SUPPORT'. The main content area features a large blue-tinted image of industrial water treatment equipment. Overlaid on this image is the title 'Subcontractor Payment & Utilization Reporting System' and a 'Log In' button. Below the image are three columns of links: 'System Training' (with a 'Training' button), 'About the System' (with an 'Information for Vendors' button), and 'Account Access' (with 'Account Lookup' and 'Forgot Password' buttons).

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

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# 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

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# 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



The dates listed above are subject to change without notice.

# Respondent Questions

Must be submitted in writing via e-mail no later than October 22, 2020 by 4:00 pm to:

**Janie M. Powell**

Contract Administration Department

San Antonio Water System

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

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# 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:
  - Responses to questions

# Preparing a Response

- Required forms do not count towards page limit
- Cover letter, divider pages do not count towards page limit
- Page limit of twenty three (23) per proposal

Description	Page Count
Org chart	1
Resumes	6
Team composition	1
Availability matrix	1
Project list	5
Project approach	5
Response to questions	2
QA/QC strategies	2

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# 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

# Submittal Deadline

- Submittal deadline is November 10, 2020 at 10:00 am local time
- “Q-20-004-JP\_TDS and Chloride Source Identification and Reduction Work 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 Experience and Qualifications	25 pts
– Similar Projects and Past Performance	30 pts
– Project Approach	30 pts
– Small, Minority and Woman, and Veteran-Owned Business (SMWVVB) Participation	15 pts
<b>Total:</b>	<b>100 pts</b>

# Scoring Criteria

## Team Experience and Qualifications

- Org Chart: Identify all proposed “Key Personnel” and “Key Sub-consultants”
  - Resumes: Not more than 1 page for each of the requested Key Personnel
  - Describe the composition of the proposed team including Sub-consultants, roles and responsibilities of team members and teaming history.
  - \* Availability Table Matrix: include the percentage of time each proposed team member shown on the chart will be committed to the Project, as well as their role.
- \* Use Fillable Form

# Scoring Criteria

## Similar Projects and Past Performance

- Ensure all project scopes are similar to the project described in this RFQ
- Provide minimum 5 relevant projects in last 10 years
  - A minimum of three (3) of the five (5) projects shall already be completed
  - The proposed PM shall have participated in at least two (2) of the five (5) projects
  - Ensure all project references provided include all requested and validated information

# Scoring Criteria

## Project Approach

- Explain, in detail, how your firm will execute and complete the scope.
- Provide innovative approaches/ideas/recommendations.
- Describe your approach for communicating with project stakeholders, including regulatory agencies and the public.
- Provide proposed “realistic” project schedule. Can be in 11” x 17” format.
  - Estimated NTP of January 13, 2021
- Provide responses to the listed items referenced in Attachment I, Project Approach, item #2.
- Provide QA/QC and risk management strategies

# Scope of Services

## Work Plan

- Review SAWS developed TDS and Chloride Source Identification and Reduction Work Plan (Work Plan)
- Prepare in accordance with the requirements of Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ00110137033.

# Scope of Services

## General Services

- Consulting services which will entail **sampling, analysis, planning, evaluations, studies, reports,** and services.
- **Three (3) year** Project with annual reporting requirements.
- Expanding the scope of the proposed study to include **all of SAWS' Water Recycling Centers**
  - Steven M. Clouse WRC
  - Leon Creek WRC
  - Medio Creek WRC



# Scope of Services

## Influent Sources and Sampling

- Identifying influent sources of TDS and Chlorides at all three (3) water recycling centers (wastewater treatment plants).
- Collecting sampling data from Significant Industrial Users, residential, commercial, and others that contribute to the “salt” load to the plants.
  - Process water
  - Brine solutions
  - Water softeners
  - Cooling towers, etc.

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# Scope of Services

## SAWS historic and new sampling data

- Review SAWS' historic data and appropriate new sampling and analysis to determine sources and loading.
- Review of SAWS' influent and effluent sampling at all three (3) plants.

# Scope of Services

## Loading and Source Identification

- Determine influent loading and source identification.
  - Include seasonal variations and various type of industrial, commercial facilities and residential loading.
  - Include loading estimates such as
    - Residential – Water Softeners
    - Commercial – Water Softeners and Cooling Towers
    - Industrial - Water Softeners, Cooling Towers, Process

# Scope of Services

## New Potable Water Sources

- Review changes in the potable water sources and determine if introduction of new potable water sources will have an effect on the TDS loading.
  - Vista Ridge
  - Recycle
  - Edwards

# Scope of Services

## Best Management Practices

- Develop a Cost Benefit Analysis for Best Management Practices for recommended best values such as:
  - Rebates
  - Optimization of Water Softeners
- Education and Outreach
- Enforcement and Ordinances
- Continued sampling/review in years 2 and 3 to determine cost effectiveness of the BMPs.

# Scope of Services

## Local Limit Calculation

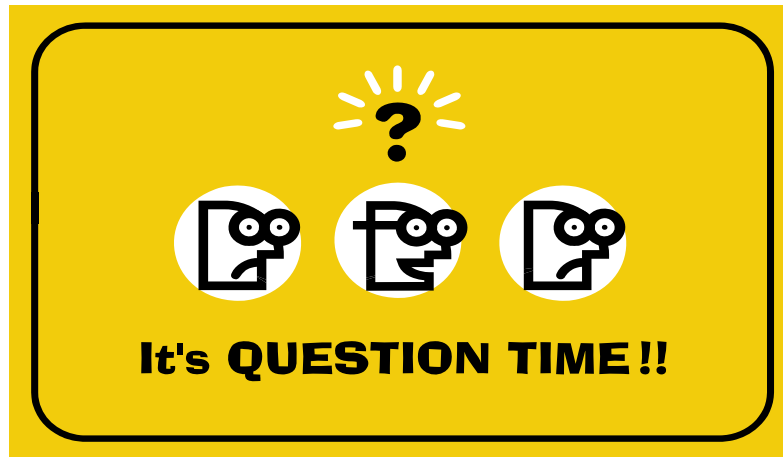
- If SAWS decided to implement a TDS (or other parameter) limit, what would that be?
- Provide information to amend the current Pretreatment Program including loading calculations and information used in a submittal to TCEQ for implementation of a “TDS based local limit” in the final report.



# Scope of Services

## Reporting Deliverables

- Provide **draft** annual progress reports to SAWS for Years 1 through 3 by **November 30** of each year, starting in 2021.
- Provide a final annual progress reports for Years 1 through 3 for submission to Texas Commission on Environmental Quality (TCEQ) by **December 15** of each year, starting in 2021.
- Write a **conclusive report** with cost evaluations of source reduction vs. treatment costs and recommendations.



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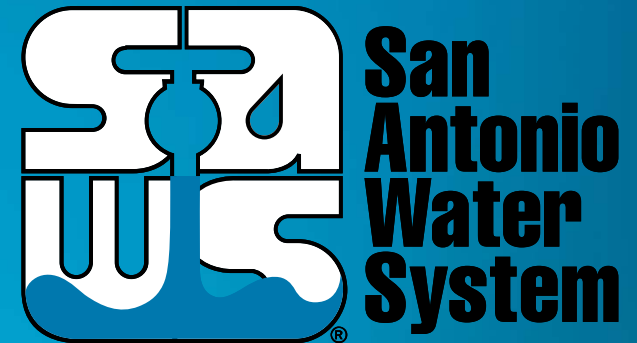
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