

# Steven M. Clouse WRC Rehabilitation Improvements Phase I RFQ

Ila Drzymala, Ph.D, PE

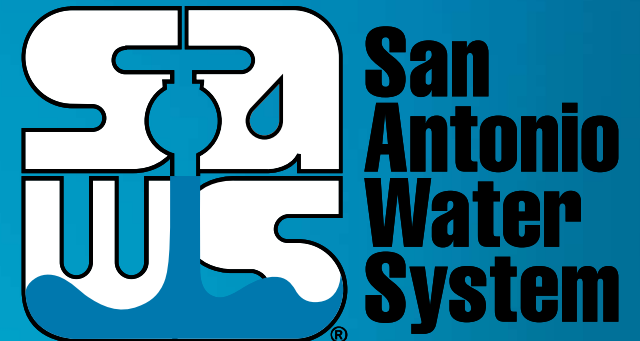
Sr. Project Engineer – Plants and Major Projects

Marisol V. Robles

Manager – SMWB Program

Janie M. Powell

Contract Administrator



Non-Mandatory Pre-Submittal Conference  
June 21, 2023

MAKING SAN ANTONIO  
**WATERFUL**



# 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 SAWWS 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

- RFQ Objective
- SMWB Requirements
- Selection Process
- RFQ Schedule
- Site Visit Procedures
- Addenda
- Submitting a Response
- Submittal Deadline
- Scoring Criteria
- Evaluation Criteria
- Respondent Questions
- Communication Reminders
- Project Overview
- Questions

# RFQ Objective

The San Antonio Water System (SAWS) is pursuing Requests for Qualifications (RFQ) for professional engineering services for the **Steven M. Clouse WRC Rehabilitation Improvements Phase I Project** (“Project”). Statements of Qualifications (SOQs) from interested firms (Respondents) are being accepted in connection with this Project, which will require the scope of services to be performed by a qualified professional engineering firm. The selected firm shall provide engineering services entailing planning, engineering evaluations, studies, reports, preliminary engineering, design, bid, construction, start-up/commissioning, and overall project management and coordination services for the design and construction of the Project.

The anticipated services will include project management and coordination, civil, mechanical, structural, architectural and electrical engineering design services, instrumentation and controls, surveying, permitting, geotechnical engineering, subsurface utility engineering, constructability, scheduling, cost estimating, construction management and other services as necessary for the Project.

# Small, Minority, and Woman-owned Business (SMWB) Participation & Recent SMWB Policy Updates

- Scoring Method: 15 Points (by percentage) for meeting or exceeding the stated *mandatory* SMWB goal.
- Not meeting the mandatory goal = 0 SMWB Points. Points awarded on an all-or-nothing basis.
- If the goal is not met, proof of outreach to SMWBs must be provided. If proof of outreach is not provided, disqualification may occur.
- 25% Mandatory Goal

# SMWB Requirements

- All firms in the organizational chart must also be listed in the Good Faith Effort Plan.
- Local-area office in one of the following counties: Bexar, Comal, Guadalupe, Hays, Travis, or Williamson.
- Must be “SBE” (including MBEs and WBEs), and need to be certified through the SCTRCA or Texas HUB.
- Post-award, use of the S.P.U.R. System will be contractually required to report payments to all subconsultants, both SMWB and Non-SMWB.

# 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

Log In

**System Training**  
Learn how to fully utilize our system with a live trainer  
Training

**About the System**  
Learn more about this system and how it works today  
Information for Vendors

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

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

Steven M. Clouse WRC Rehabilitation Improvements Phase I RFQ





## SMWB Questions

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

**Marisol V. Robles**

SMWB Program Manager

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

Telephone: 210-233-3420

# Selection Process

- SOQs reviewed for responsiveness
- Technical Evaluation Committee scores qualification statements based on evaluation criteria published in the RFQ
- Interviews held, if necessary
- Selection Committee reviews scores and recommends firms
- Good Faith Effort Plan will be evaluated and scored
- Negotiation with selected consultants
- Board Award

## Selection Process

- If there is a change to key team members (prime or sub-consultant) identified on Respondent's organizational chart, notify SAWS in writing as soon as possible
  - SAWS may allow Respondent to replace the key team member with an alternate member who possesses equal or better qualifications and experience
- Also, per SAWS' Ethics Policy, a former SAWS employee may not serve in a lead role as a key team member and/or participate in the negotiation of a contract for two (2) years after separating from SAWS.
  - This may result in the Respondent's proposal being found non-responsive or a reduction in points during the evaluation

# RFQ Schedule

MILESTONE	DATE
RFQ Released	June 14, 2023,
Non-Mandatory Pre-Submittal Conference	June 21, 2023, at 10:00 a.m. CDT
Non-Mandatory Site Visit	June 22, 2023, at 1:30 p.m. CDT
Receipt of Written Questions Due	June 29, 2023, by 4:00 p.m. CDT
Q & A Posted to Website	July 7, 2023, at 5:00 p.m. CDT
Proposals Due	July 18, 2023, by 10:00 a.m. CDT
Proposals Evaluated	July 2023
Interviews, if necessary	August 2023
SAWS Board Consideration and Award	October 2023
Non-Selection Notices mailed	October 2023
Start Work	October 2023

The dates listed above are subject to change without notice.

# Site Visit Procedures

- A non-mandatory site visit will be held on:  
June 22, 2023 at 1:30 p.m. CDT  
Steven M. Clouse Water Recycling Center  
3495 Valley Road, San Antonio, Texas 78221
- The site visit is expected to last no more than one (1) hour.
- Attendees will enter the facility through the gate upon the Engineer's instructions 15 minutes prior to the start of the Site Visit.
- Questions will not be answered during the site visit and should be submitted in writing per section III. Communication D. of this RFQ. However, attendees may take video, photos and notes.
- Attendees must wear proper Personal Protective Equipment (PPE) during the Site Visit as there are ongoing construction projects at the site. This includes, but is not limited to hard hats, hearing protection, safety glasses, safety vests and steel-toed boots. Attendees without the required PPE will not be allowed to participate in the site visit.
- Attendees will be escorted by SAWWS staff at all times and shall not stray from the group.

# Addenda

- Register as a vendor with SAWS Vendor Registration and Notification
- More than one addendum may be posted on the SAWS website.
- Check SAWS website often and prior to submitting your proposal
- Known addendum changes are:
  - Addendum I - Update to Site Visit Procedures
  - Responses to questions

# Submitting a Response

## *Helpful Reminders*

- Thoroughly read the RFQ document
- Maximize points by addressing all items in the order identified in the RFQ
- Be specific - Avoid “boiler plate” responses for the narrative portions of the RFQ
- Page limit - eighteen (18)
- The cover page/letter, divider pages, etc. also do not count towards page limit (See page 14 of the RFQ IV, B.3.)
- Contact the SMWB Program Manager for assistance, if necessary
- Perform a thorough QA/QC on your proposal prior to submitting
- Utilize the Submittal Response Checklist to ensure all required items are included in the proposal
- Utilize Attachment II Evaluation Criteria Details and Requirement and Attachment III Evaluation Criteria Forms

## Submittal Deadline

- Submittal deadline is **July 18, 2023 at 10:00 am (CDT)**
- “PS-00153\_Steven M. Clouse WRC Rehabilitation Improvements Phase I RFQ Response” and name of Respondent should be clearly identified on the subject line of the email and/or fax.
- 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 not be unopened



# Scoring Criteria

Evaluation Criteria	Weight (points)
Team Experience and Qualifications	30
Similar Projects and Past Performance	30
Project Understanding and Approach	25
SMWB Participation (Good Faith Effort Plan)	15
<b>TOTAL</b>	<b>100</b>

# Evaluation Criteria

## Team Experience and Qualifications: 30 Points

- Organizational Chart of Proposed Project Team
  - Key Personnel including Key Subcontractors (Must match Key Personnel Resumes)
  - Proposed Project Manager must be an employee of Respondent
  - One (1) page limit
- Key Personnel Resumes
  - One page per person; Ensure to include the required criteria
  - Up to six (6) Key Personnel (6-page limit)
  - Project Manager's resume included first

# Evaluation Criteria

## Team Experience and Qualifications (Continued): 30 Points

- Composition of the Team
  - Describe Roles and Responsibilities of proposed team members
  - Describe teaming history
  - One (1) page limit
- Team Composition Table
  - Complete Fillable Form
- Team Availability Table
  - Complete Fillable Form

# Evaluation Criteria

## Similar Projects and Past Performance: 30 Points

- Provide three (3) completed projects in the last fifteen (15) years
  - Complete Fillable Forms – no additional narrative
  - Technical Leads and Key Personnel must have participated in at least one (1) of the projects provided
  - Maximum of one (1) project reference may be provided by Key Subconsultant identified as “Key Personnel”
  - Ensure to include all required criteria and all reference information is correct and verified
- Provide cost information
  - Complete Fillable Form – OPCC Table

# Evaluation Criteria

## Project Understanding and Approach: 25 Points

- Provide Detailed Approach
  - Should demonstrate familiarity with the Scope of Services identified on RFQ
  - Provide innovative approaches, ideas and recommendations
  - Four (4) page limit
- Provide Detailed Project Schedule
  - Assume design start date of October 23, 2023 and Construction Completion Period of 30 months
  - Two (2) page limit – 11" x 17" exhibit

# Evaluation Criteria

## Project Understanding and Approach (Continued): 25 Points

- Provide Responses to show understanding of the project and its unique challenges
  - Two (2) page limit
  - Avoid generic language and marketing materials
- Project specific quality control and quality assurance (QA/QC)
  - Ensure to include all required criteria
  - Two (2) page limit
  - Avoid generic language and marketing materials

# Respondent Questions

Must be submitted in writing via e-mail (preferred) or fax no later than June 29, 2023, by 4:00 pm (CDT) to:

**Janie M. Powell**

Contract Administration Department

San Antonio Water System

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

# Communication Reminders

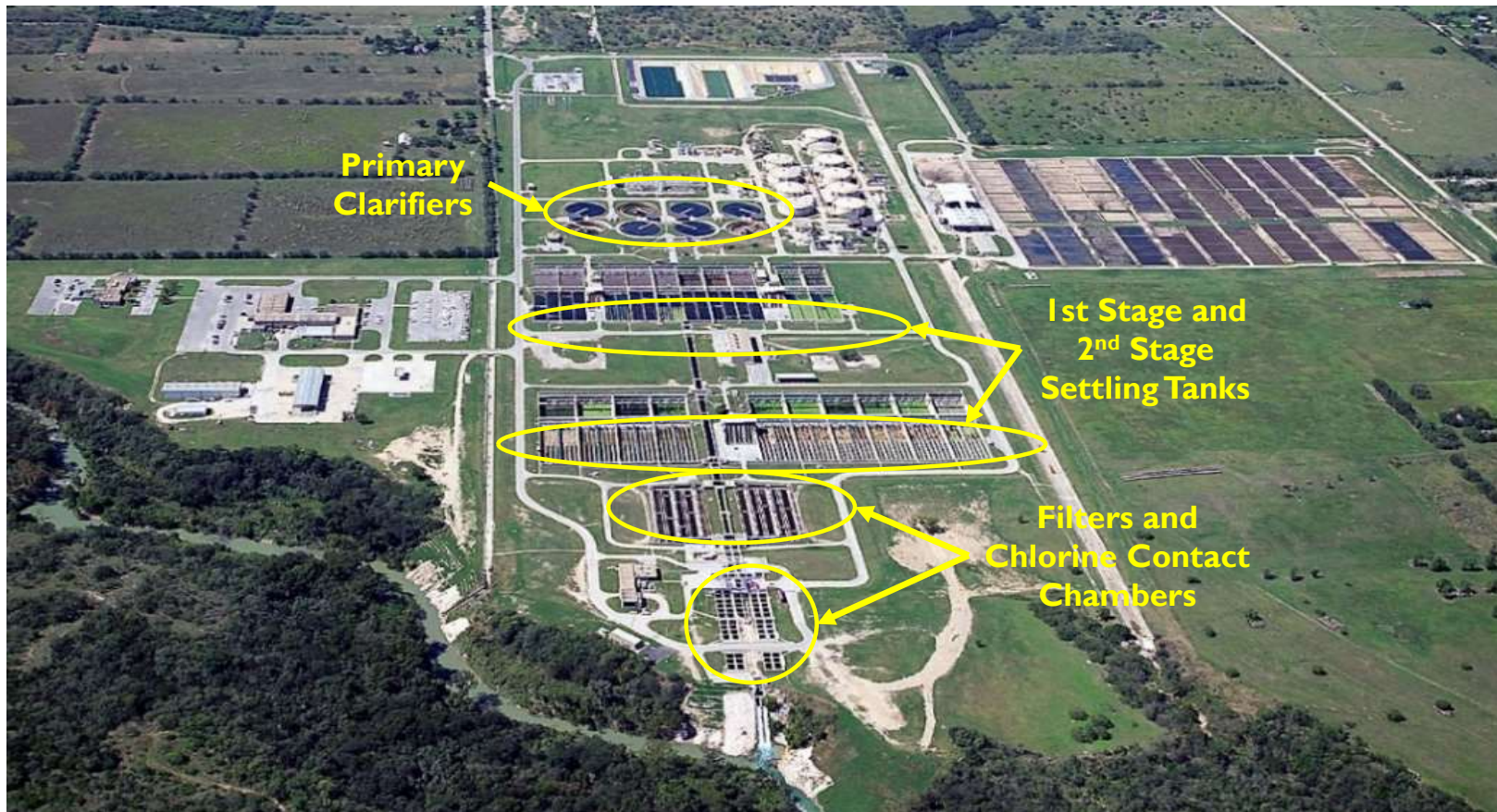
- No communication regarding the RFQ with the following:
  - SAWS Project Manager
  - Any other SAWS staff, managers, directors or VPs
  - City Council member or staff
  - SAWS Board of Trustees
- No phone calls, emails, letters, direct/indirect discussion of the RFQ
  - If submitting for the RFQ and/or 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



# Project Overview

- Project is included in 2020 SAWS Wastewater Facilities Master Plan for Water Recycling Centers
  - Purpose of project is to rehabilitate or replace infrastructure and equipment that are in poor condition or that have reached end of their useful life
  - First phase of the planned improvements
  - Focus areas may include primary treatment, secondary treatment, tertiary filtration, disinfection, operations, and electrical and instrumentation and controls

# Project Location – Steven M. Clouse WRC



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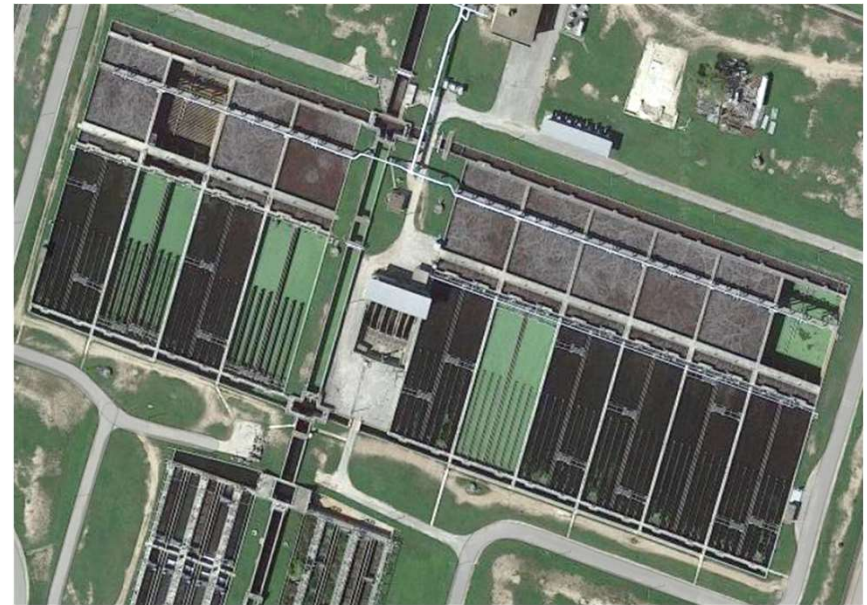
# Project Scope

- Primary Treatment Area
  - Concrete structure repairs and protective coating in primary clarifier effluent channels
- Secondary Treatment Area
  - Replacement of sludge collection mechanisms in Stage 1 and Stage 2 settling tanks
  - Concrete structure repairs in Stage 1 and Stage 2 settling tanks

# Primary and Secondary Treatment Area



**Primary Clarifier Effluent Channels**



**Rectangular Settling Tanks**

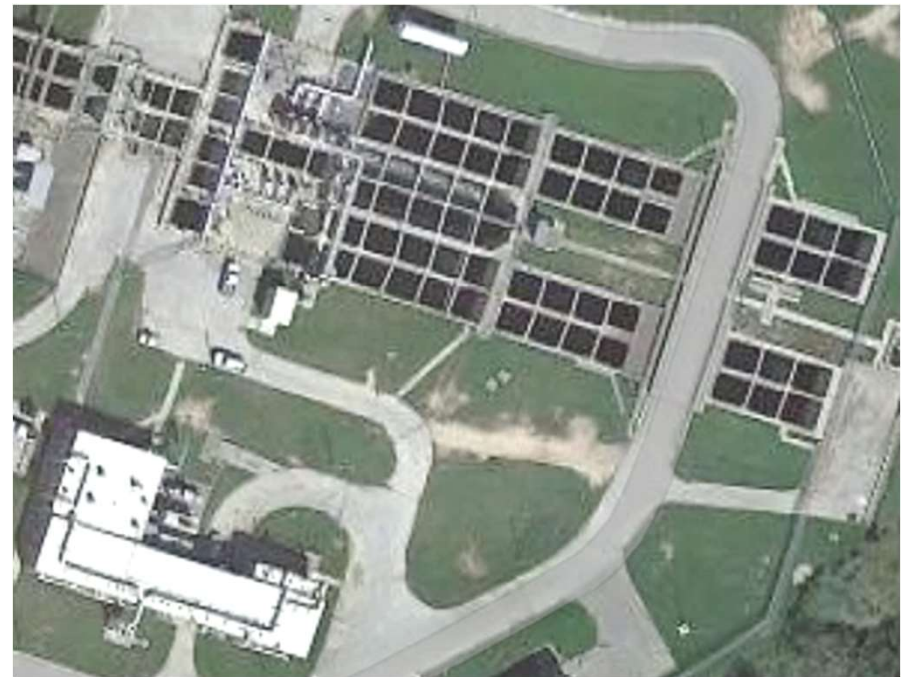
# Project Scope

- Filtration Area
  - Replacement of diamond filter cloth media and diamond fiberglass filter frames
  - Concrete structure repairs (as necessary)
- Disinfection Area
  - Replacement of existing sluice gates
  - Replacement of scum piping, skimmers, and pumps
  - Concrete structure repairs (as necessary)

# Filtration and Disinfection Area



**Effluent Filters**



**Chlorine Contact Chambers**

# Boiler Facility

- Installation of third boiler to replace oldest boiler
- Rehabilitation or replacement of canopy
- Electrical and I&C Improvements

# Boiler Area





# Project Scope

- Electrical and Instrumentation and Controls
  - O&M Building
    - Substation Padmount-1 replacement
  - Administration Building
    - Substation Padmount-2 replacement
  - Disinfection Building
    - SUB-7 and SUB-8
    - Generator Nos. 3 and 4
    - Low-Voltage Switchboard and Motor Control Centers EM-SWBD-2, MCC-DB-1 and MCC-DB-2
    - Panelboards, and LV Transformers replacement

# Project Scope

- Electrical and Instrumentation and Controls
  - Tertiary Filters and Backwash Pump Station
    - Motor Control Centers MCC-EF-1 and MCC-EF-2
    - Filter Control Panels
    - Panelboards
    - LV Transformers

# Project Scope

- Electrical and Instrumentation and Controls
  - Demolition of Emerson DCS 7/57 controller along with associated RIOs, and replacement with new Allen Bradley PLCs associated with disinfection area
  - Installation of new ductbanks, extension of plant-wide fiber optic communication network, field instrumentation and programming from SCADA/IT Building to Disinfection Building's new PLC, and connection to Rockwell PlantPAX system

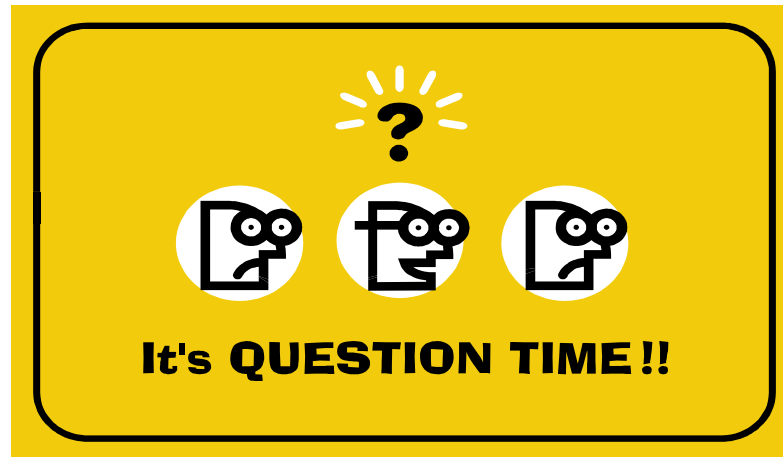
# Design Services

- Selected Consultant will provide the following design services
  - 30% Design
  - 60% Design
  - 90% Design
  - 100% Design / Bid Phase Services
  - Construction Phase Services
  - Field Investigations
- Other services: Permitting, constructability review, cost estimating, scheduling, start-up/commissioning and overall project management and coordination

# Project Schedule and Cost

Event	Date
Design NTP	October 2023
Board Award Construction Contract	May 2025
Project Complete	November 2027

Project Cost Center	Cost Forecast
Construction Budget	\$30,000,000



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