

Leon Creek WRC to Steven M. Clouse WRC Recycled Water Interconnect - Phase I Project

Eduardo Anzueto, PE

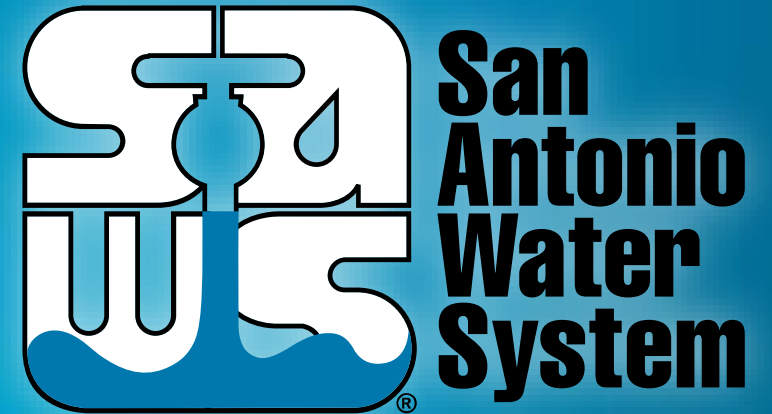
Project Engineer, SAWS

Stella Manzello

Contract Administrator, SAWS

Marisol V. Robles

SMWVB Program Manager



Non Mandatory Pre-Submittal Meeting
May 11, 2021

MAKING SAN ANTONIO
WATERFUL 

Oral Statements

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.

RFQ Objective

- To procure professional engineering services which will require work to be performed by qualified professional engineering firms
- Selected firms shall provide project management and engineering services including planning, estimating, scheduling, engineering evaluations & studies, preliminary engineering reports, design, bid, and construction phase services and inspections
- Projects to be managed, designed, and constructed with highest regard for cost, schedule, and quality

Aspirational SMWB Goal

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

*40% of the value of the contract.

SMWB Requirements

- SMWB Certification accepted from the following entities:
 - South Central Texas Regional Certification Agency
 - Texas H.U.B.
- RFQ Scoring:
 - Up to 15 Points, assessed on a tiered scale.
 - Local Office
 - Small Business Enterprise (SBE)*, Minority Business Enterprise (MBE), Woman-owned Business Enterprise (WBE)

*All SMWBs must have SBE certification.

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

WWW.SAWS.SMWBE.COM

- Payment reporting for all subconsultants
- Organizational chart must match the Good Faith Effort Plan for consistent reporting
- Changes to team can be requested through the S.P.U.R. System
- Training and support provided by SAWS SMWVB office

The screenshot shows the homepage of the SAWS SMWVB Subcontractor Payment & Utilization Reporting System. The header features the San Antonio Water System logo on the left, a "OUR MAIN SITE" link in the center, and a "CONTACT SUPPORT" button on the right. The main content area has a blue background with a photograph of industrial water treatment equipment. The title "Subcontractor Payment & Utilization Reporting System" is prominently displayed in white text, with a "Log In" button below it. Below the title, there are three columns of links: "System Training" (with a description and a "Training" button), "About the System" (with a description and an "Information for Vendors" button), and "Account Access" (with a description and two buttons: "Account Lookup" and "Forgot Password"). At the bottom of the page, a small footer reads: "The Subcontractor Payment & Utilization Reporting System is powered by i2Cology Software © Copyright 2010."

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

Email:

Marisol.Robles@saws.org

Susan M. Rodriguez

Email:

Susan.Rodriguez@saws.org

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
May 14
4:00 PM (CST)

SOQs Due
June 3 by 2:00 PM
(CST)

**Notification
of Selection**
September
2021

**Project
Notice to
Proceed**
September
2021



**Answers
Posted by
SAWS**
May 19 by
4:00 PM
(CST)

**Interview
with
Consultants**
(if necessary)
June 2021

**SAWS
Board
Approval**
September
2021

Addendum

- 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

Submitting a Response

- Submittals only electronically
- Include all pages
- Reference the RFQ document (section IV. Submitting a Response) to determine what additional items are required
- Page limit of twenty-four (24) pages per proposal

Submitting a Response

Helpful Reminders

- Thoroughly read the RFQ document prior to submitting your proposal
- Maximize points by addressing all items in the order they are identified in the RFQ
- Be specific, avoid “boiler plate” and “generic” responses
- Utilize the Submittal Response Checklist
- 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 **June 3, 2021 at 2:00 P.M.** local time
- Electronic Submittals Accepted Only
- Address a PDF of your submittal to contracting@saws.org
- Entitle the subject line of the submission email with “PS-00109 – Leon Creek WRC to Steven M. Clouse WRC Recycled Water Interconnect - Phase I RFQ Response” and name of Respondent
- The file size limitation for submission is **10MB**
- Only one (1) file with all required response information shall be submitted
- Late responses will not be accepted, and will be returned

Scoring Criteria Summary

- Team Experience and Qualifications.....30 pts
- Similar Projects and Past Performance.....30 pts
- Project Understanding and Approach.....25 pts
- Small, Minority, Woman and Veteran-owned Business (SMWVVB) Participation (Good Faith Effort Plan).....15 pts
- TOTAL..... 100 pts**

Team Experience and Qualifications (Attachment II)

- Provide 1-page resumes for each proposed Key Personnel, including:
 - Name, title, education
 - Description of professional qualifications (to include licenses, certifications, and associations)
 - # of years with current firm and total # of years of professional experience
 - Brief overview of professional experience and expertise
 - Identify three (3) similar projects completed in the past fifteen (15) years. Clearly identify whether the projects listed are with the current firm or part of the individual's professional experience. Identify role served by Key Personnel on these projects
 - Provide a list of all active projects each of the Key Personnel is currently assigned to for the duration of the Project, to include the phase and percentage of time allocated to each of the projects listed

Team Experience and Qualifications (Attachment II)

- Describe the composition of the team (Prime, Key Subconsultants, and other Subconsultants), role and responsibility of proposed team members and teaming history
- If proposed staff is not part of the proposed Key Personnel, please identify lead person from each firm and briefly describe their role
- Illustrate in a table matrix the availability, percent of time committed to the Project for the duration of the project, of Respondent's Key Personnel, as well as Key Personnel from Key Subconsultants. Include geographic location for each resource identified in the table

Similar Projects and Past Performance (Attachment II)

- Provide four (4) completed projects in the last fifteen (15) years in which Respondent has performed services similar to those sought in this RFQ
- The proposed PM shall have participated in at least two (2) of the four (4) projects. Other Key Personnel shall have participated in at least two (2) of the four (4) projects
- Project references, at a minimum, shall include:
 - Names of clients and location (city/state)
 - Reference contact to include names, titles, emails and current phone numbers
 - Corresponding year and duration of the projects (contract NTP and completion date)
 - Detailed description of the projects (include specific aspects that Respondents wants considered in the evaluation)
 - Provide an explanation for why each project is similar to the Project included in this RFQ
 - Respondent's role and Key Personnel's responsibilities in these projects including the Sub-consultants

Similar Projects and Past Performance (Attachment II)

- Provide cost information for the four (4) completed projects submitted as part of bullet (I) above and one (1) additional similar completed projects, as it relates to the accuracy of the OPCC, comparing the Engineer's 100% design estimate to approved construction contract awards

Project Approach and Understanding (Attachment II)

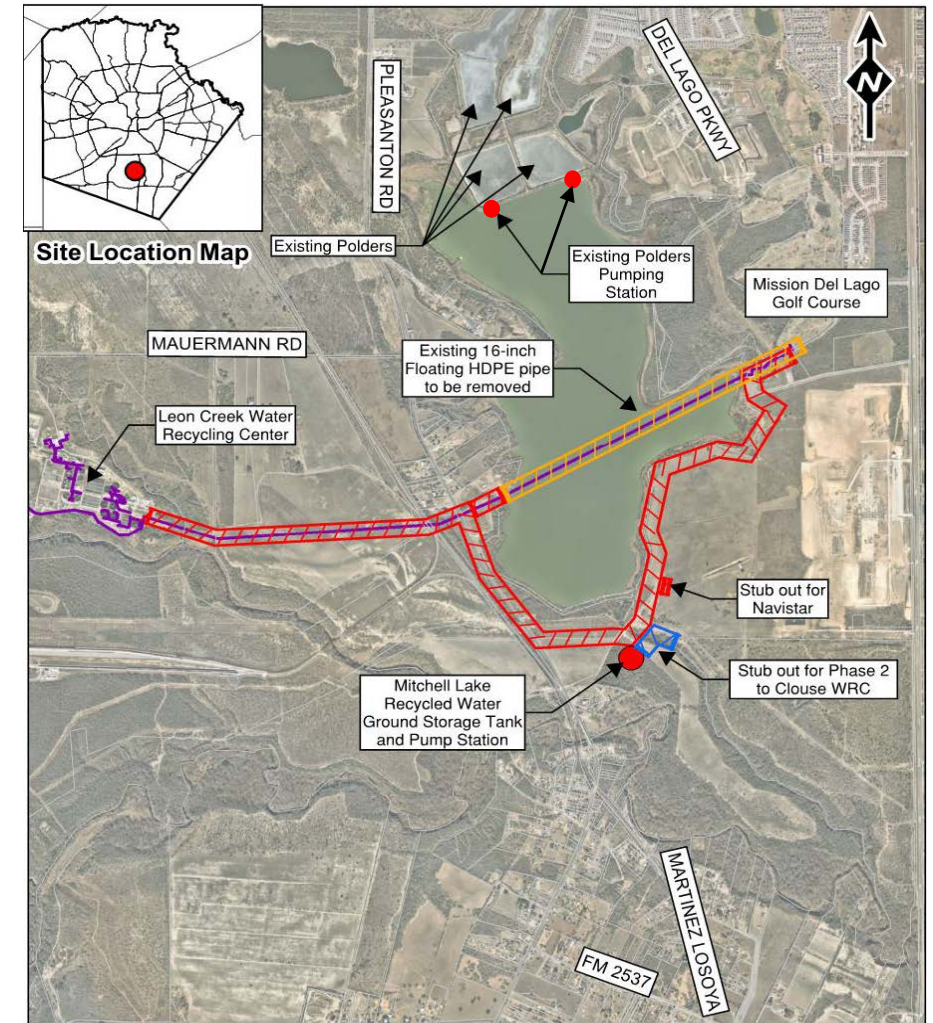
- Provide a detailed approach explaining how your firm would technically execute and complete the services sought in this RFQ on time and within budget. Provide innovative approaches, ideas and recommendations
- Provide responses to the following:
 - Identify key project challenges and risks and describe your proposed approach for addressing those items during the design phase of the project
 - Describe your approach for coordinating with regulatory and permitting agencies to ensure buy-in and approval
 - Describe your team's familiarity with SAWS facilities and infrastructure
 - Describe Respondent's approach to becoming familiar with local and regional market conditions influencing the design and construction decisions that will affect the cost
 - Understanding of Project related issues and difficulties (design and construction) and solutions proposed
 - Understanding of coordination requirements with the involved entities, responsiveness and follow through
 - Team approach to preparing deliverables to meet deadlines associated with fast-track SAWS requests without compromising the quality of deliverables and Project schedule. Discuss Respondent's schedule recovery approach relative to schedule maintenance

Project Approach and Understanding (Attachment II)

- Project specific and unique quality control/quality assurance (QA/QC) and risk management strategies that Respondent implements
 - Describe how the accuracy and completeness of the OPCCs are derived for each design phase, and the Respondent's familiarity with AACE's Recommended Practices 17R-97 and 56R-08
 - Describe what support will be provided in the case bid results are $\pm 25\%$ apart from Respondent's estimate
 - Describe how the independent QA/QC team will review project deliverables to ensure the Project is of high quality and biddable, permittable, constructible, operable, maintainable, and cost-effective
 - Describe how Respondent will ensure work products from sub-consultants are of high quality and in compliance with existing rules and regulations as well as SAWS expectations

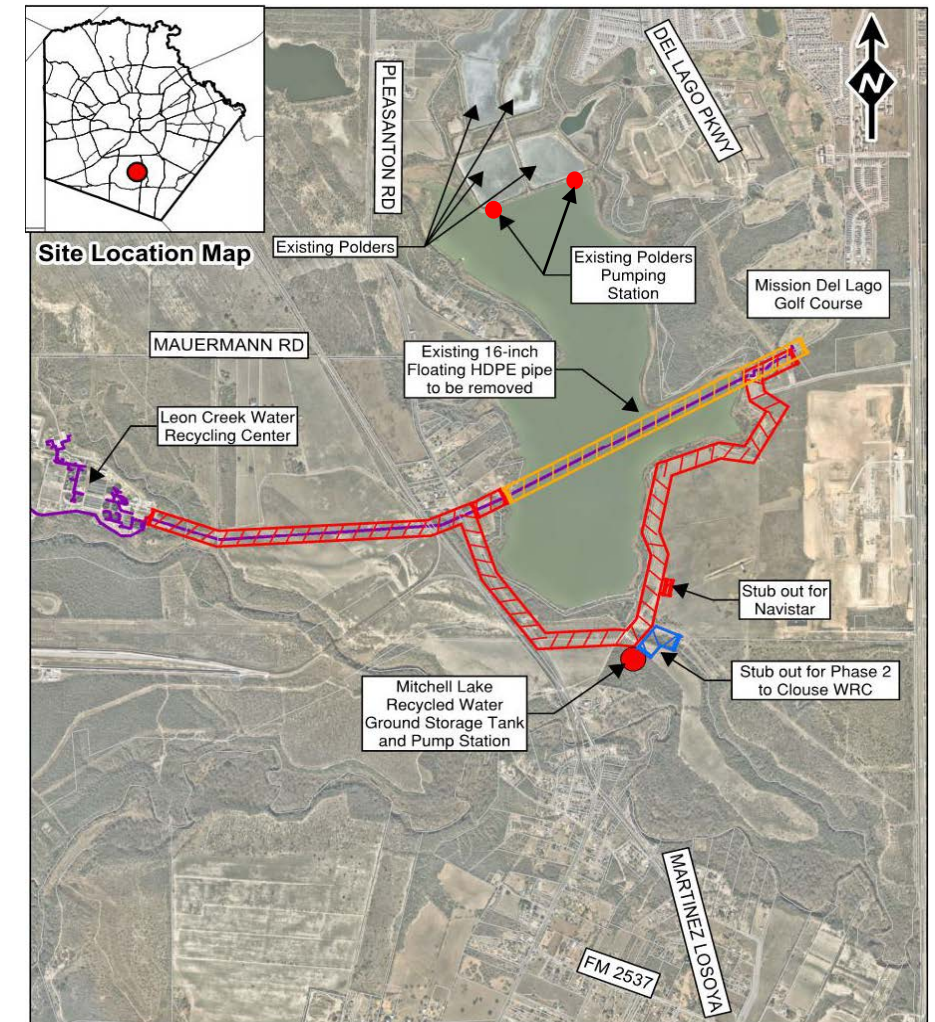
Project Scope

- Installation of 9,000 LF of 30-inch, 2,800 LF of 12-inch, and 5,500 LF of 8-inch pipe
- Removal of 5,000 LF of existing 16-inch HDPE pipe floating on Mitchell Lake
- New RW ground storage tank and booster pump station facility with associated improvements



Project Scope

- Modifications to Existing Polder Pumping Stations
 - Upgrades to the stations
 - New intake from the lake
 - Upgrades to electrical and instrumentation & controls equipment
 - Site fencing, security, and lighting
 - Civil drainage and access roads



Project Funding and Schedule

- Construction Cost Estimate - \$12,800,000.00
- Construction Year - 2022

Design Considerations

- Contract Documents – Quality and attention to detail
- Adherence to implementation schedule
- Coordination and feedback – SAWS end users
- Coordination with other agencies (e.g., CoSA, TxDOT, USACE, TCEQ, Bexar County, CPS Energy, etc.)
- Coordination with other projects (e.g., Mitchell Lake)
- Permits
- Easements and ROW
- Identification of utilities (above and below ground)
- Design review workshops and walk-throughs

Design Considerations

- Survey and topographic information (data and benchmarks)
- Site visits, as many as needed
- Traffic control plan and coordination
- Surface restoration
- SUE to verify existing utilities and avoid conflicts, as needed
- Materials of construction and equipment
- Evaluation of alternatives (monetary and non-monetary)
- Geotechnical Investigation - Geotechnical Data Report (GDR) and Letter summarizing design recommendations

Design Considerations

- Construction access and staging
- Construction methods and sequencing
- Technical Specifications and Details – address Unique project components
- Risk management
- Engineer is responsible for compliance with existing rules and regulations
- QMP and disciplined project implementation
- QA/QC of subconsultants work
- Completeness, quality, and accuracy of OPCCs

Cost Estimates – Design Phase

Consultant to develop Engineer’s Opinion of Probable Construction Costs (OPCC) for each design phase as per recommendations of AACE International as described in Recommended Practices No. 17R-97 and 56R-08

Design Phase	Estimate Class	Expected Accuracy Range
30% Design	Class 3	L: -5% to -15% H: +10% to +20%
60% Design	Class 2	L: -5% to -10% H: +5% to +15%
90% Design	Class 1	L: -3% to -5% H: +3% to +10%
100% Design & Bid Documents	Class 1	L: -3% to -5% H: +3% to +10%

QUESTIONS?

Reminder: Oral statements or discussion during the pre-bid meeting today will not be binding, nor will it change or affect the terms or conditions within the Plans and Specifications of this Project. Changes, if any, will be addressed in writing only via an Addendum.

Leon Creek WRC to Steven M. Clouse WRC Recycled Water Interconnect - Phase I Project

Eduardo Anzueto, PE

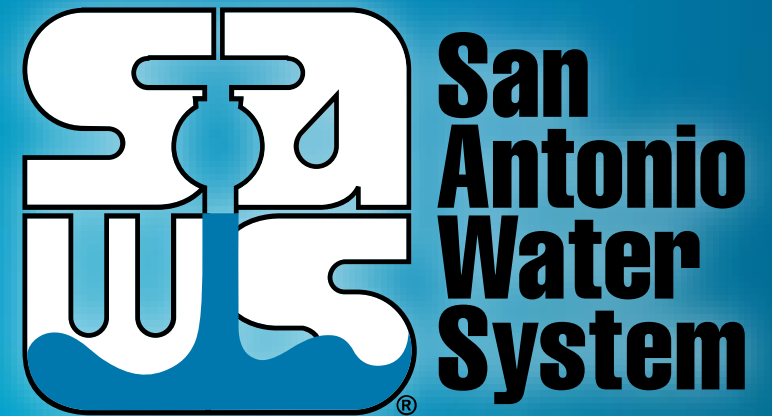
Project Engineer, SAWS

Stella Manzello

Contract Administrator, SAWS

Marisol V. Robles

SMWVB Program Manager



Non Mandatory Pre-Submittal Meeting
May 11, 2021

MAKING SAN ANTONIO
WATERFUL 