

Recycled Water Infrastructure Upgrades and 2021 Engineering Work Order Contracts (RFQ)

Eduardo Anzueto, P.E.

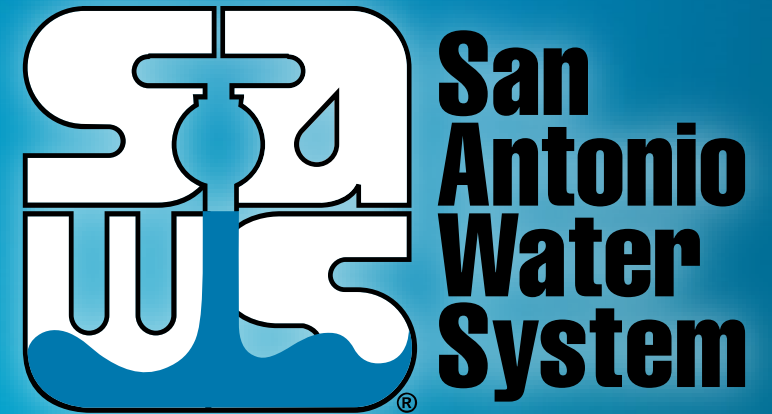
Project Engineer

Florinda Gonzales

Interim Contract Administrator

Marisol V. Robles

SWMB Program Manager



Non-Mandatory Pre-Submittal

January 22, 2021

MAKING SAN ANTONIO
WATERFUL 

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
- Communication Reminders
- RFQ Schedule
- Addenda
- Submitting a Response
- Submittal Deadline
- Scoring Criteria
- Small, Minority, Woman, and Veteran-Owned Business (SMWVB Requirements)
- Project Overview
- Project Funding
- Engineering Work Order Contracts
- Project Implementation Schedule
- Design Consideration
- Cost Estimates – Design Phase

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
- SAWWS anticipates awarding a contract to one or more Consultants

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

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
 - Page limit – Project references DO NOT count toward page limit

Submitting a Response

- Submittals only electronically
- Include all pages
- Reference the RFQ (section IV. Submitting a Response) document to determine what additional items are required
- Page limit of twenty-five (25) per proposal
 - Project references DO NOT count toward page limit

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 **February 12, 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-00103 – Recycled Water Infrastructure Upgrades” 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

| 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 |
| TOTAL | 100 |

Team Experience and Qualifications

Refer to Attachment II

- Organizational Chart – Identify all proposed “Key Personnel” and “Key Sub-consultants”
- Provide a 1-page resume for each proposed Key Personnel.
- The Project Manager’s resume should be included first
- Availability Table Matrix – include the percentage of time each proposed team member shown on the organizational chart will be committed to the Project, as well as their role
- Describe the composition of the proposed team including Sub-consultants, roles and responsibilities of team members, and teaming history

Similar Projects and Past Performance

Refer to Attachment III

- Provide 4 relevant and **similar completed projects** in last 10 years
- The proposed PM shall have participated in at least 2 of the 4 projects. Other Key Personnel shall have participated in at least 2 of the 4 projects
- Project references, at a minimum, shall include:
 - Names of utility owner/client and location (city and state)
 - Reference contact to include names, titles and “current” phone numbers (verify)
 - Key contract dates – year and duration of projects
 - Detailed description of project – explain why reference projects are similar to the RFQ
 - Key Personnel and Sub-consultants’ responsibilities

* Use Fillable Forms (Attachment III) - Forms will count towards total page limit

Similar Projects and Past Performance

Refer to Attachment III

- OPCC Table – Provide cost information for the 4 completed projects submitted and 2 additional similar completed projects, as it relates to the accuracy of the OPCCs
- Provide all data being requested
- Stating “N/A” is not acceptable

* Use Fillable Forms (Attachment III) - Forms will count towards total page limit

Project Understanding and Approach

Refer to 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

Quality Management Plan (QMP)

- Describe the QMP specific to this project
 - Overview of QA/QC
 - Plan to identify, track, and resolve issues
 - Role of independent QA/QC team
 - Roles of Respondent, sub-consultants, and SAWS
 - Description of method and tools to develop OPCCs for each milestone and familiarity with AACE's recommended practices
 - Describe familiarity with the use of RS Means for developing independent cost estimates for construction change orders

* Please refer to the RFQ for detailed requirements for all Evaluation Criteria

Respondent Questions

- Must be submitted in writing via e-mail no later than January 29, 2021 by 2:00 P.M. to:

Florinda Gonzales
Contract Administration Department
San Antonio Water System
Florinda.Gonzales@saws.org

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 (MBE, SBE, WBE)
 - Texas H.U.B.
- RFQ Scoring:
 - Up to 15 Points
 - Local Office
 - Small Business Enterprise (SBE) at minimum (even MBEs and WBEs)

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

WWW.SAWS.SMWBE.COM

San Antonio Water System

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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.

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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

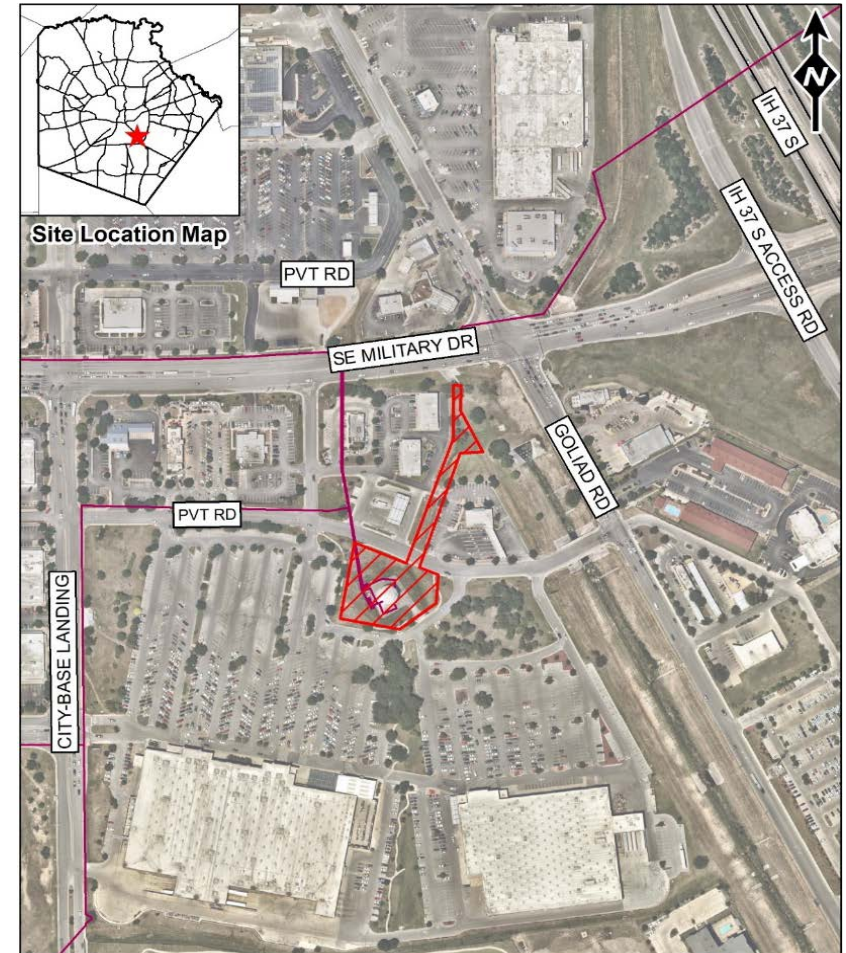
Telephone: 210-233-3420

Projects

- Brooks Recycled Water Pump Station Upgrades
- Leon Creek WRC to Steven M. Clouse WRC Recycled Water Interconnect - Phase I
- 2021 Engineering Work Order Contracts:
 - Treatment Facilities Engineering
 - Operations Support

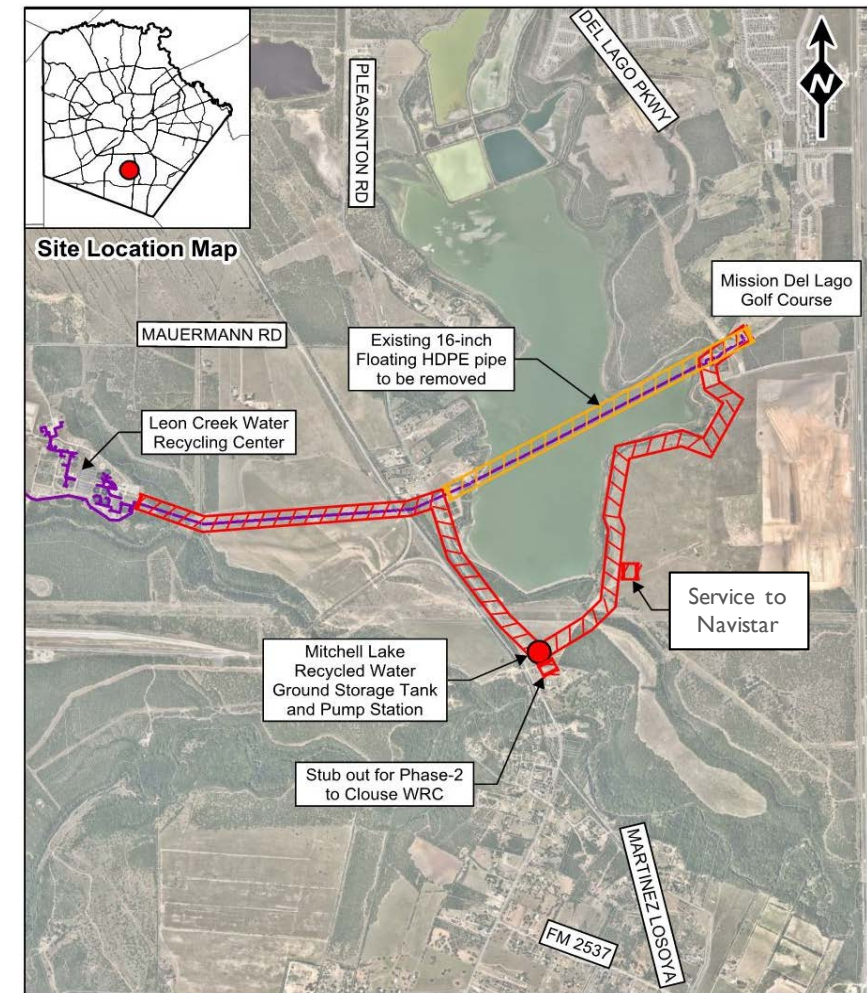
Brooks Recycled Water Pump Station

- Scope of work includes:
 - Four (4) high service pumps
 - Electrical upgrades
 - Instrumentation and Controls
 - Yard Piping
 - Canopy Protective Structure
 - Civil Site Improvements
 - Security, Fencing, and Lighting



Leon Creek Interconnect Phase I

- Scope of work includes:
 - Installation of 9,000 LF of 30-in, 2,800 LF of 12-in, and 5,500 LF of 8-in
 - Removal of 5,000 LF of existing 16-in HDPE pipe floating on Mitchell Lake
 - New ground storage and booster pump station with associated improvements



Project Funding

SAWS Estimated Construction Project Cost:

- Brooks Recycled Water Pump Station Upgrades:
\$4,250,000.00
- Leon Creek WRC to Steven M. Clouse WRC Recycled Water Interconnect - Phase I:
\$10,800,000.00

Engineering Work Order Contracts

Treatment Facilities:

- Small, often urgent, Wastewater Facility projects (WRCs, Biosolids Handling, Water and RW Pump Stations, RW System, Lift Stations, Odor Control Stations, etc.):
 - Rehabilitate
 - Improve/Upgrade
 - Modify, Add, or Demolish
 - Replace and Expand Facilities and Equipment
- Individual work orders to be completed within twelve (12) months
- \$1.0M funding (available)

Operations Support:

- Development of Specifications and Shop Drawings for purchasing equipment
- Operations and Maintenance to also include Treatment, Production, and D&C facilities
- \$250k funding (available)

Project Implementation Schedules

| Project | Construction Funding (Planned CIP Year) |
|--|--|
| Brooks Recycled Water Pump Station Upgrades Project | 2022 |
| Leon Creek WRC to Steven M. Clouse WRC Recycled Water Interconnect - Phase I | 2022 |
| Treatment Facilities Engineering Work Order Contract | TBD |
| Operations Support Work Order Contract | TBD |

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.)
- 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
- Impacts to traffic, home owners, and business owners
- Traffic control plan and coordination
- Surface restoration
- SUE to verify existing utilities and avoid conflicts, as needed
- Verify existing services
- Geotechnical Design Recommendations and Geotechnical Data Report (GDR)

Design Considerations

- Construction access and staging
- Construction methods and sequencing
- Technical Specifications – unique project components
- Technical Details – unique project components
- Engineer is responsible for compliance with existing rules and regulations
- QMP and disciplined project implementation
- QA/QC of sub-consultants work
- Quality and accuracy of OPCCs

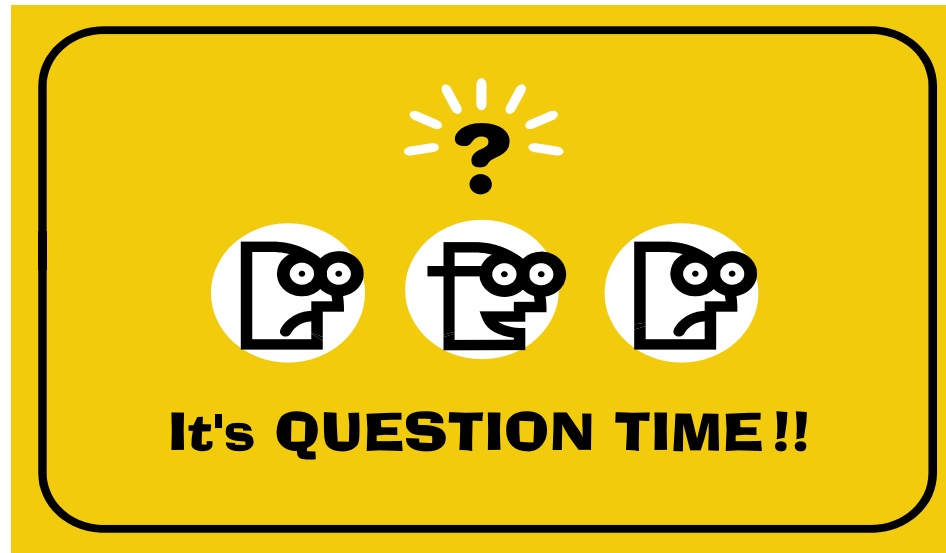
Cost Estimates – Design Phase

Consultant must develop Engineer's Opinion of Probable Construction Costs (OPCC) for each phase (30%, 60%, 90%, and 100%) of the project as per the recommendations of AACE International as described in Recommended Practices No. 17R-97 and 56R-08

Cost Estimates – Design Phase

Consultants to develop OPCCs for each design phase as follows:

| 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 and Bid Documents | Class 1 | L: -3% to -5% H: +3% to +10% |



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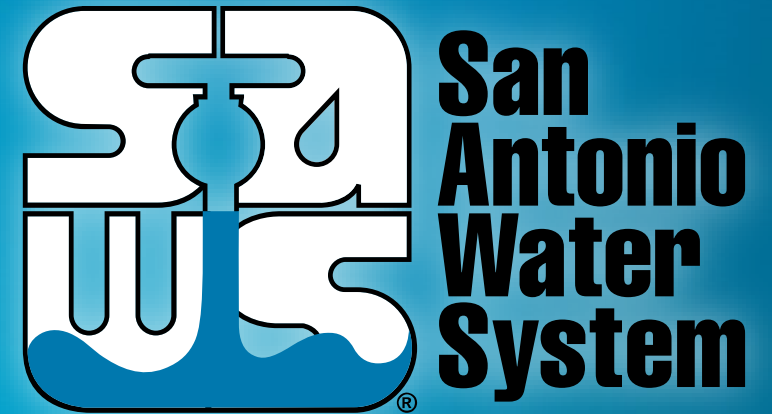
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