Salado Creek WRC Flow Management Upgrades Project RFQ

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San Antonio Water System

Non-Mandatory Pre-Submittal Conference
January 8, 2024

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

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

RFQ Objective

Statements of Qualifications are being accepted from qualified professional engineering firms. The Scope of Services will include 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 also include civil, mechanical, structural, and electrical engineering services, instrumentation and controls, surveying, permitting, geotechnical engineering, subsurface utility engineering, constructability, scheduling, cost estimating, construction management, and other services as necessary.

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, Kendall, Travis, or Williamson
- Must be "SBE" or HUB (including MBEs and WBEs), and certified through the SCTRCA or the State of Texas
- 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

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

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 consultant
- 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 Timeline

MILESTONE	DATE
RFQ Released	December 20, 2023,
Non-Mandatory Pre-Submittal Conference	January 8, 2024, at 2:00 p.m. CST
Non-Mandatory Site Visit	January 9, 2024, at 10:00 a.m. CST
Receipt of Written Questions Due	January 16, 2024, by 4:00 p.m. CST
Q & A Posted to Website	January 23, 2024, at 5:00 p.m. CST
Proposals Due	February 1, 2024, by 10:00 a.m. CST
Proposals Evaluated	February 2024
Interviews, if necessary	February 2024
SAWS Board Consideration and Award	April 2, 2024
Non-Selection Notices mailed	April 2024
Start Work	April 2024

The dates listed above are subject to change without notice

Site Visit Procedures

- A non-mandatory site visit will be held on:

January 9, 2024 at 10:00 a.m. CST
Salado Creek Water Recycling Center
12901 Blue Wing Rd., San Antonio, Texas 78223

- 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. 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 SAWS 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 (1) addendum may be posted on the SAWS website.
- Check SAWS website often and prior to submitting your proposal as it is possible to most more than one (1) Addendum.

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 - 17
- The cover page/letter, divider pages, etc. also do not count towards page limit (See pages 15 and 16 of the RFQ IV, B.3.)
- Contact the SMWB Program Manager for assistance, if necessary
- Perform a thorough QA/QC review on your firm's 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 **February 1, 2024 at 10:00 am (CST)**
- "PS-00161_Salado Creek WRC Flow Management Upgrades_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
  - 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	25
Project Understanding and Approach	30
SMWB Participation (Good Faith Effort Plan)	15
TOTAL	**100**

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: 25 Points

- Provide three (3) completed projects in the last fifteen (15) years
  - Complete Fillable Forms – no additional narrative
  - Key Subconsultants, QA/QC Lead, Technical Leads, Lead Estimator 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: 30 Points

- Provide Detailed Approach
  - Should demonstrate familiarity with the Scope of Services identified on RFQ
  - Provide innovative approaches, ideas and recommendations
  - Three (3) page limit
- Provide Detailed Project Schedule
  - Assume design start date of April 22, 2024 and Construction Completion Period of 30 months
  - Two (2) page limit – 11" x 17" exhibit

Evaluation Criteria

Project Understanding and Approach (Continued): 30 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

Communication Restrictions

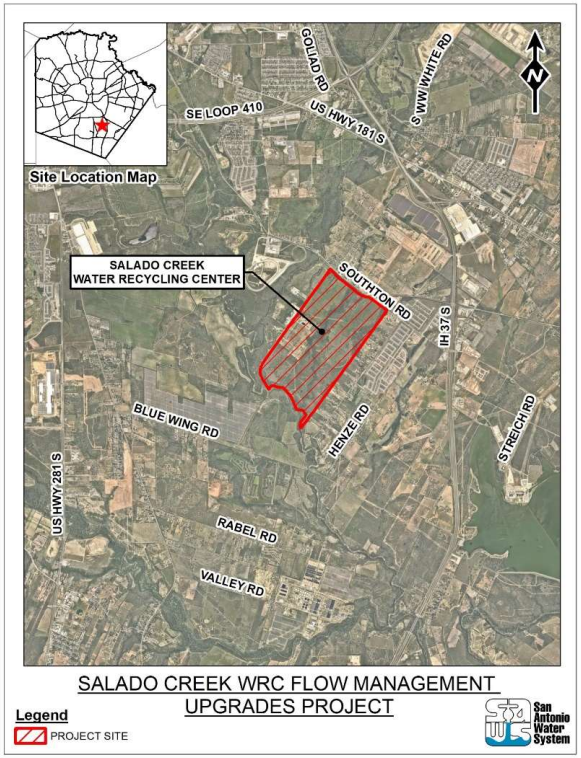
- No communication is allowed regarding this RFQ with the following:
  - SAWS Project Manager
  - Any other SAWS staff, managers, directors or VPs
  - City Council member or staff
  - SAWS Board of Trustees
- No phone calls, emails, letters, direct/indirect discussion of the RFQ
  - If submitting for the RFQ and/or doing work for SAWS, indicate this when speaking with SAWS staff, but refrain from discussing the RFQ
- From the release of the RFQ to Board Award

Respondent Questions

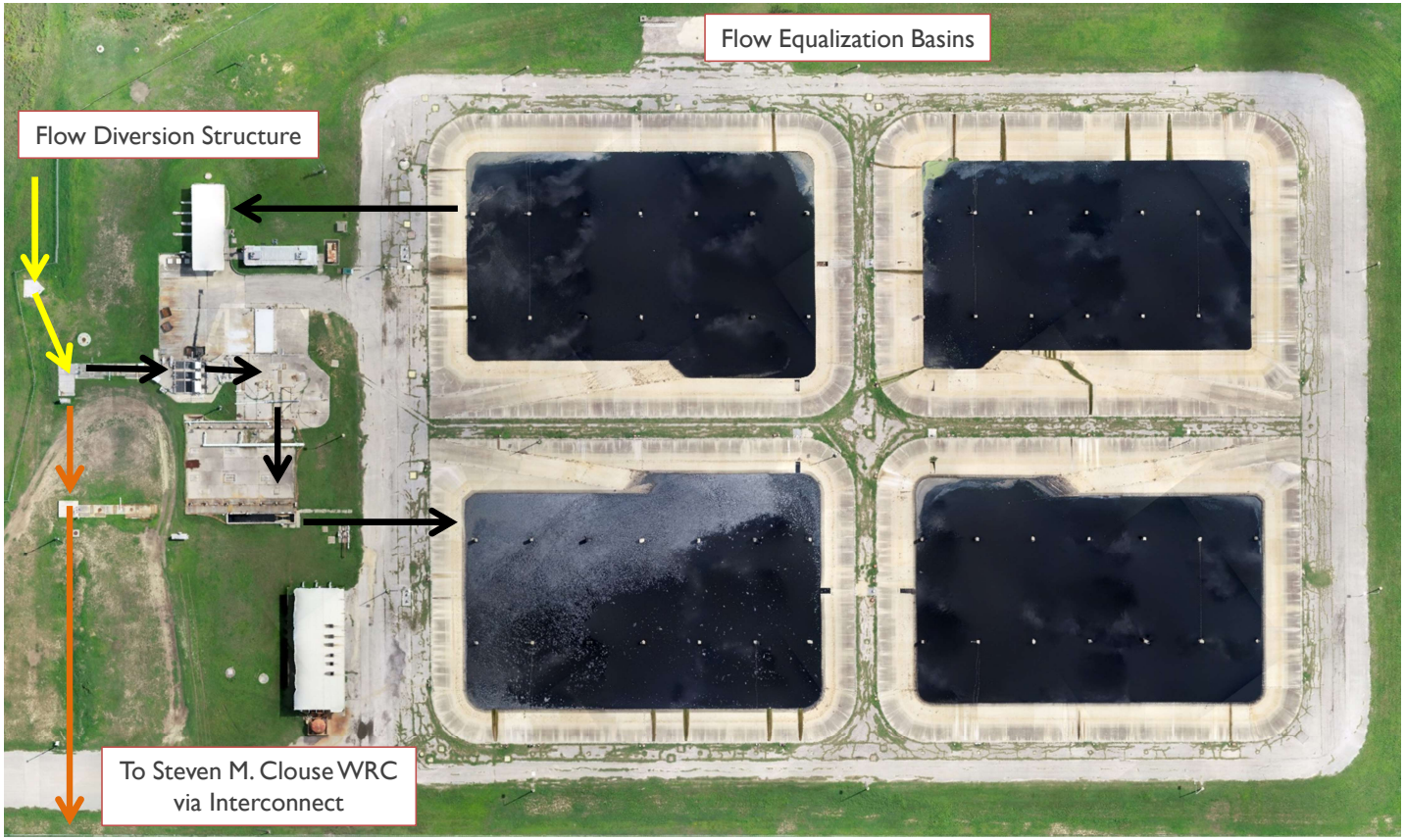
Must be submitted in writing via e-mail (preferred) no later than January 16, 2024, by 4:00 pm (CST) to:

Janie M. Powell
Contract Administration Department
San Antonio Water System
Janie.Powell@saws.org

Project Location – Salado Creek WRC



Project Location – Existing Facility



Project Overview – Existing Facility and Flows

- Treatment plant decommissioned in 2007
- Current structures are FEBs, Diversion Structure with screens, grit chambers and pre-aeration tanks (not operational), flume, return flow pump station, electrical building, generator, transformer, storage area, NPW pump station, odor control station
- Collecting flows from Eastern sewershed
- Permitted capacity - 46 mgd on average / 92 mgd peak 2-hr
- Projected 2050 flows - 50 mgd average / 145 mgd peak 2-hr

Project Overview – Flow Diversion

- FEB storage volume approximately 22 MG
- FEBs can reduce Eastern sewershed peak flows by approximately 50 mgd
- FEB diversion would be triggered when flows increase above 79 mgd
- During wet weather events, flows above 79 mgd would be diverted to FEBs, resulting in maximum fill rate of 50 mgd
- Anything above 79 mgd would be sent to Steven M. Clouse WRC for treatment

Project Overview – Objective

- Operation of FEBs and Diversion Structure pivotal in effectively managing wet weather flows at Salado Creek WRC and Steven M. Clouse WRC
- Diversion structure, in conjunction with FEBs, to provide SAWS flexibility for handling current and projected peak flows when holding flows in Salado Creek FEBs and then transferring to Steven M. Clouse WRC

Project Overview – Scope

- Condition evaluation of existing Diversion Structure
- Capacity, feasibility and cost evaluation for rehabilitating existing Diversion Structure or building a new Diversion Structure
- Design of necessary improvements based on conclusions of evaluations

Project Overview – Scope

- Rehabilitation and upgrades to existing FEB Return Flow Pump Station
- Concrete repairs to existing FEBs and replacement of wash down system
- Influent flow measurement, and automation to divert flows to FEBs and/or to Steven M. Clouse WRC

Project Overview – Scope

- Replacement of existing electrical building with a new, climate-controlled electrical building
- Replacement of existing backup generator, power distribution system and site lighting
- Replacement of field instruments, gates, and actuators, as necessary

Project Overview – Scope

- Replacement of existing plant PLC, remote input/output units with Allen-Bradley PLCs and remote input/output units
- Associated demolition, site/civil, mechanical, structural, electrical, and instrumentation and controls work

Design Services

- Selected Consultant to provide following design services:
  - 30% Design
  - 60% Design
  - 90% Design
  - 100% Design / Bid Phase
  - Construction, As-builts, Closeout Phase
  - Field Investigations
- Services: Project management/coordination, civil, mechanical, structural and electrical engineering, instrumentation and controls, surveying, permitting, geotechnical engineering, subsurface utility engineering, constructability, scheduling, cost estimating, construction management

Design Considerations

- Previous reports, studies, etc. to be made available to Selected Consultant
- Getting familiar with facility
- Construction phasing - Construction duration, long-lead equipment/materials, early procurement considerations, etc.
- Meetings with contractors
- Quality and accuracy of OPCCs
- QA/QC of all submittals

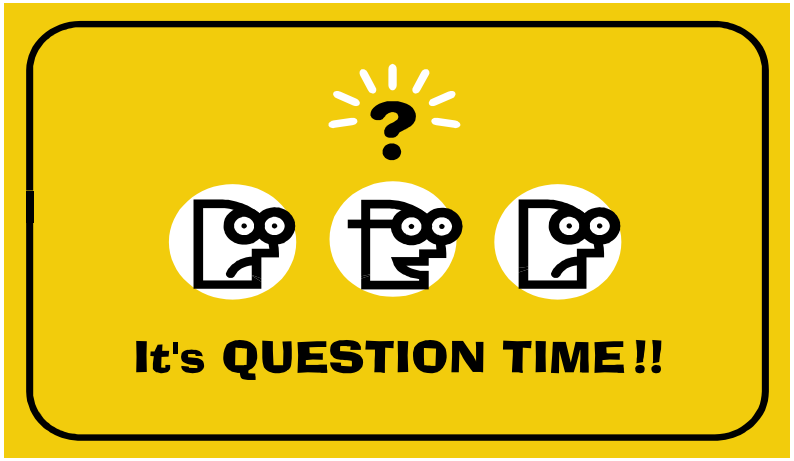
Cost Estimates – Design Phase

- Consultant to develop Engineer's Opinion of Probable Construction Costs (OPCC) for each phase (30%, 60%, 90%, 100%/Bid and Pre-bid) as per recommendations of AACE International as described in Recommended Practices No. 17R-97 and 56R-08 (or latest edition)
  - List/explain all assumptions, adjustment factors, identify items driving costs

Project Schedule and Cost

Event	Date
Design NTP	April 2024
Construction NTP	April 2026
Project Complete	October 2028

Project Cost Center	Cost Forecast
Construction	$25,000,000


It's QUESTION TIME!!

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