

# Silver Mountain Pump Station Upgrades

## RFQ PS - 00133

Kurtis Anderwald, P.E.

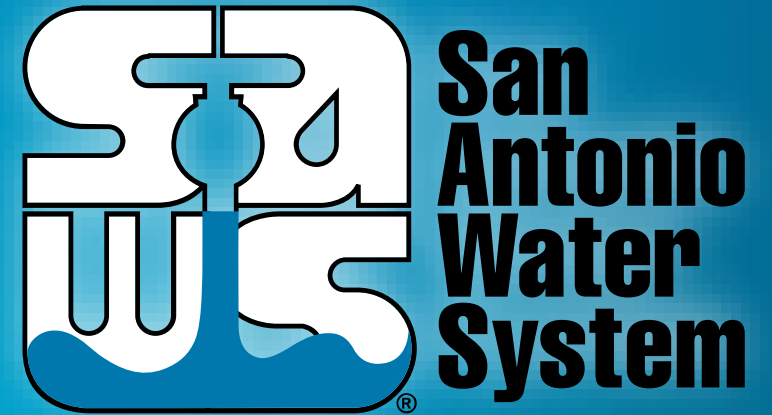
Project Manager – Plants and Major Projects

Marisol V. Robles

Manager – SMWVB Program

Susan Rodriguez

Contract Administrator



Non-Mandatory Pre-Submittal Meeting

June 9, 2022

MAKING SAN ANTONIO  
**WATERFUL** 

# WebEx Housekeeping

- Please keep devices muted during the presentation.
- Sign-in using the Chatbox feature and elect 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. Select 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 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.

# Agenda

- Objective
- SMWB Requirements
- Selection Process
- Evaluation Criteria
- Submission Reminders
- Key Dates
- Submittal Deadline
- Communication Reminders
- Overview of Project Location
- Project Scope
- Project Implementation Schedule
- Design Considerations
- Cost Estimates – Design Phase
- Questions

# Objective

- The San Antonio Water System (SAWS) is pursuing a Request for Qualifications (RFQs) for professional engineering services for the **Silver Mountain Pump Station Upgrades** (“Project”). Statements of Qualifications (SOQs) from interested firms (Respondents) are being accepted in connection with the project, which will require the scope of services to be performed by qualified professional engineering firms (Consultants). The selected professional engineering firm shall provide engineering services entailing engineering evaluations, studies, reports, preliminary engineering, design, bid, construction, and overall project management services for the design and construction of the Project.
- The services will include, but not limited to, project management and coordination, civil, structural and electrical engineering services, instrumentation and controls, surveying, permitting, subsurface utility engineering, preliminary engineering and studies, design, scheduling, cost estimating, construction management and other services as necessary for the Project.

# Aspirational SMWB Goal

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

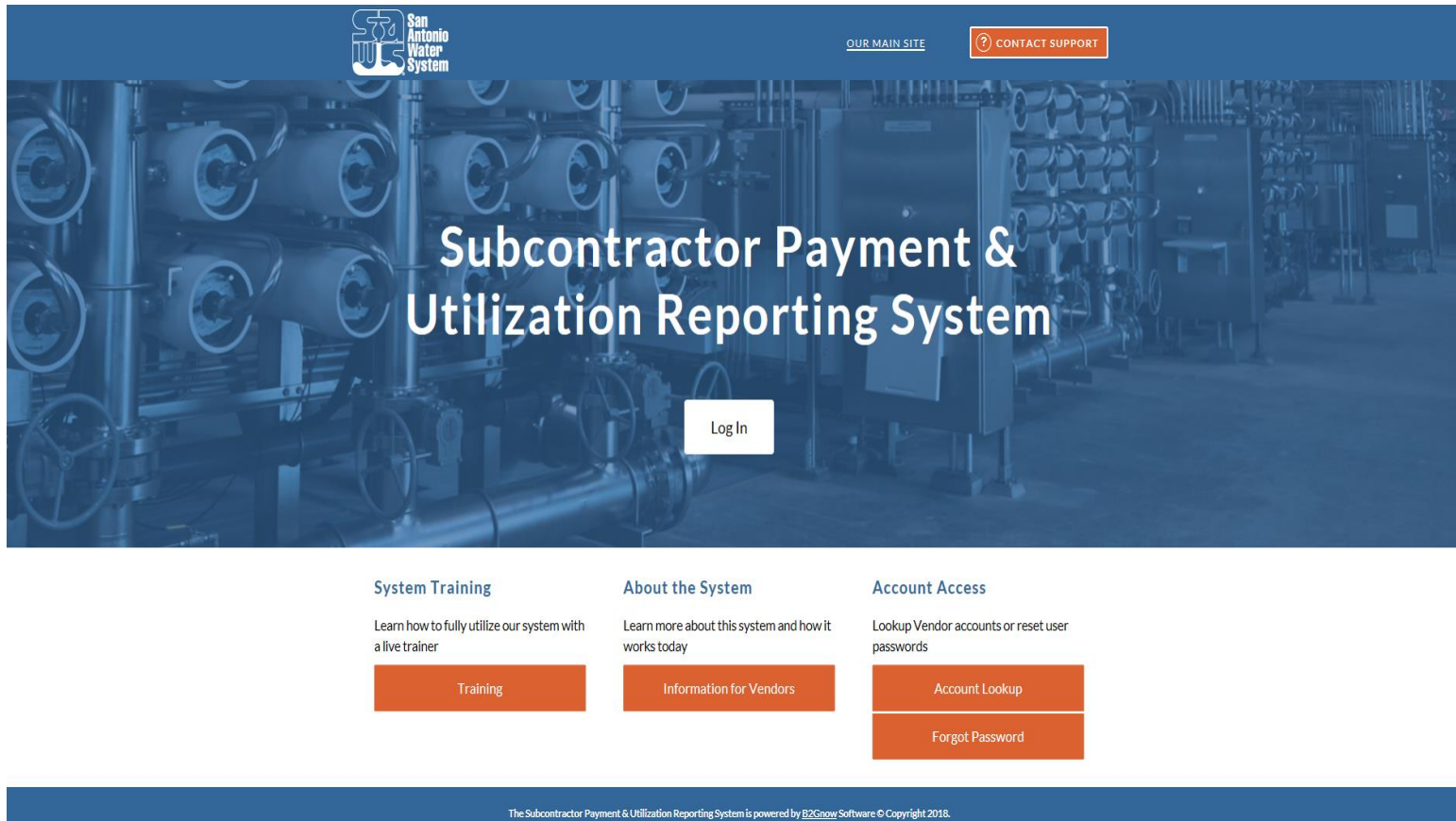
\*40% of the value of the contract.

# SMWVB Requirements

- SMWVB Certification accepted from the following entities:
  - South Central Texas Regional Certification Agency (SBE, MBE, WBE)
  - State of Texas Historically Underutilized Business (H.U.B.) Program
- RFQ Scoring:
  - Local Office
  - Small Business Enterprise (SBE) certification required for all SMWVB firms, including Minority and Woman-owned businesses.
  - 15 Points Maximum
  - Email SMWVB Program Manager if outreach lists of local SMWVBs are needed.

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

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



- Track actual payments to all subconsultants
- Request changes to team
- Contractual Requirement



# 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

# Selection Process

- Qualification statements reviewed for responsiveness
- Technical Evaluation Committee scores qualification statements based on evaluation criteria published in the RFQ
- Interviews held, if necessary
- Good Faith Effort Plan evaluated and scored
- Selection Committee reviews scores and recommends firm(s)
- Negotiation with selected consultant(s)
- 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

# Evaluation Criteria

Criteria	Max Points
Team Experience and Qualifications	30
Similar Projects and Past Performance	30
Project Understanding and Approach	25
Small, Minority, and Woman-owned (SMWVB) Business Participation	15
<b>Total</b>	<b>100</b>

# Evaluation Criteria – Team Experience and Qualifications

*30 points – Refer to Attachment II (Description I)*

- **Organizational Chart – 1-page**
  - Identify all proposed Key Personnel and Key Sub-consultants
  - Key Personnel to include:
    - Project Manager
    - QA/QC Lead
    - Technical Leads (e.g., mechanical design, structural design, site/civil design, electrical and I&C design, hydraulics, geotechnical, etc.)
    - Lead Estimator

# Evaluation Criteria – Team Experience and Qualifications

*30 points – Refer to Attachment II (Description 2)*

- Resumes for each proposed Key Personnel – 1-page each / 6 page limit
  - Name, title, education, description of qualifications, associations, number of years with current firm, and total number of years of professional experience
  - Brief overview of professional experience and expertise
  - Three (3) similar projects completed in the past ten (10) years
    - Detailed description of capabilities and project experience
    - Role in project relevant to Scope of Services in this RFQ
    - Clearly identify whether each project listed are with the current firm or part of the individual's professional experience
  - All Active projects assigned in 2022 and percentage of time allocated to those projects

# Evaluation Criteria – Team Experience and Qualifications

*30 points – Refer to Attachment II (Descriptions 3 & 4)*

- Describe the composition of the team – 1 page
  - Prime, Key Sub-consultants, and other Sub-consultants' roles and responsibilities, as well as teaming history
- Table Matrix in Attachment II – Fillable Form
  - Availability and percentage of time committed to contract of Key Personnel and Geographic location

## Evaluation Criteria – Similar Projects and Past Performance

*30 points – Refer to Attachment II (Description I)*

- Three (3) current and/or previous relevant projects in the last ten (10) years in which Respondent has performed services similar to those sought in this RFQ
  - Use fillable forms, Project Tables, one per project reference
  - Minimum of two (2) shall have been performed by the Respondent.
  - Maximum of one (1) projects shall have been performed by Key Subconsultant
  - Technical Leads shall have participated in at least one (1) project.



# Evaluation Criteria – Similar Projects and Past Performance

## *30 points – Refer to Attachment II (Description I) (Cont'd)*

- **Information for each Project Reference shall include:**
  - Name of utility owner and geographic location
  - Reference contact information (name, title, phone numbers and email)
  - Year, duration of project, NTP, and completion date
  - Detailed description of project
  - Explanation why project is similar to SAWWS scope
  - Respondent's role and Key Personnel responsibilities including subconsultant

## Evaluation Criteria – Similar Projects and Past Performance

*30 points – Refer to Attachment II (Description 2)*

- Provide cost information for the three (3) projects submitted as part of Description I
- Shall relate to the accuracy of the OPCC, comparing the Engineer's 100% design estimate to approved construction contract awards
- Use fillable form
- Provide all project data being requested
- **N/A** is not an acceptable response

## Evaluation Criteria – Project Understanding and Approach

*25 points – Refer to Attachment II (Description I)*

- Detailed approach describing how Respondent will technically execute and complete services sought in this RFQ on time and within budget
- Innovative approaches, ideas, and recommendations
  - Three (3) page limit

# Evaluation Criteria – Project Understanding and Approach

## *25 points – Refer to Attachment II (Description 2)*

- Provide answers to the following:
  - Familiarity with similar facilities, infrastructure, and project areas
  - Approach to becoming familiar with local and regional market conditions influencing the design and construction decisions impacting cost
  - Understanding of coordination requirements with the involved entities/ agencies, responsiveness, and follow through
  - Approach to preparing deliverables to meet deadlines without compromising quality and schedule
  - Schedule recovery approach relative to schedule maintenance
  - Identify Project risks and approach for mitigating impacts from those items
  - Regulatory and permitting agency coordination to ensure approval
  - Two (2) page limit

# Evaluation Criteria – Project Understanding and Approach

## *25 points – Refer to Attachment II (Description 3)*

- Project specific and unique quality control and quality assurance (QA/QC) and risk management strategies that Respondent engages in for similar projects
  - Plan for how issues will be identified, tracked, and resolved
  - How the independent QA/QC Lead will review project deliverables to ensure the Project is of high quality, biddable, permittable, constructible, operable, maintainable, and cost-effective
  - Describe how accuracy and completeness of OPCCs are derived for each design phase and the Respondent's familiarity with AACE's Recommended Practices, current market trends, bidding environment, and equipment prices.
  - Familiarity with use of RS Means for construction change order estimates
  - Three (3) page limit

# Submission Reminders

- Thoroughly read the RFQ to become familiar with scope
  - Scope for this RFQ is for professional engineering services for a Pump Station Upgrades Project.
- Be specific and avoid “boiler plate” responses where narrative is requested
- Address ALL items as requested for each evaluation criteria
- Contact the SMWVB Program Manager for assistance, if necessary
- Ensure projects are similar to the scope in this RFQ
- Project references provided shall have been verified by Respondent and are readily accessible

# Submission Reminders

- SAWWS is accepting electronic copies only
- File size limited to **10 MB** and **22 pages\***
  - Reference RFQ regarding required items that do not count towards the page limit
- Utilize the Submittal Response Checklist
- Must submit using Evaluation Criteria Forms, where indicated
- 8½”x11” portrait format, No 11”x17” allowed
- Perform QA/QC on proposal prior to submitting
- Solicitation Submittal Tips found at the following link:

[https://apps.saws.org/business\\_center/ContractSol/SNO\\_Drill.cfm?id=1980&View=Yes](https://apps.saws.org/business_center/ContractSol/SNO_Drill.cfm?id=1980&View=Yes)

# Key Dates

Action	Date/Time
Written Questions Due	June 14, 2022 by 4:00 p.m.
Q & A Posted to Website	June 17, 2022 by 4:00 p.m.
Proposals Due	July 8, 2022 at 10:00 a.m.
Proposals Evaluated	July 2022
Interviews, if necessary	July 2022
Negotiations	July/August 2022
SAWS Board Consideration and Award	September 13, 2022
Start Work	September 2022

*\*The dates listed above are subject to change without notice*



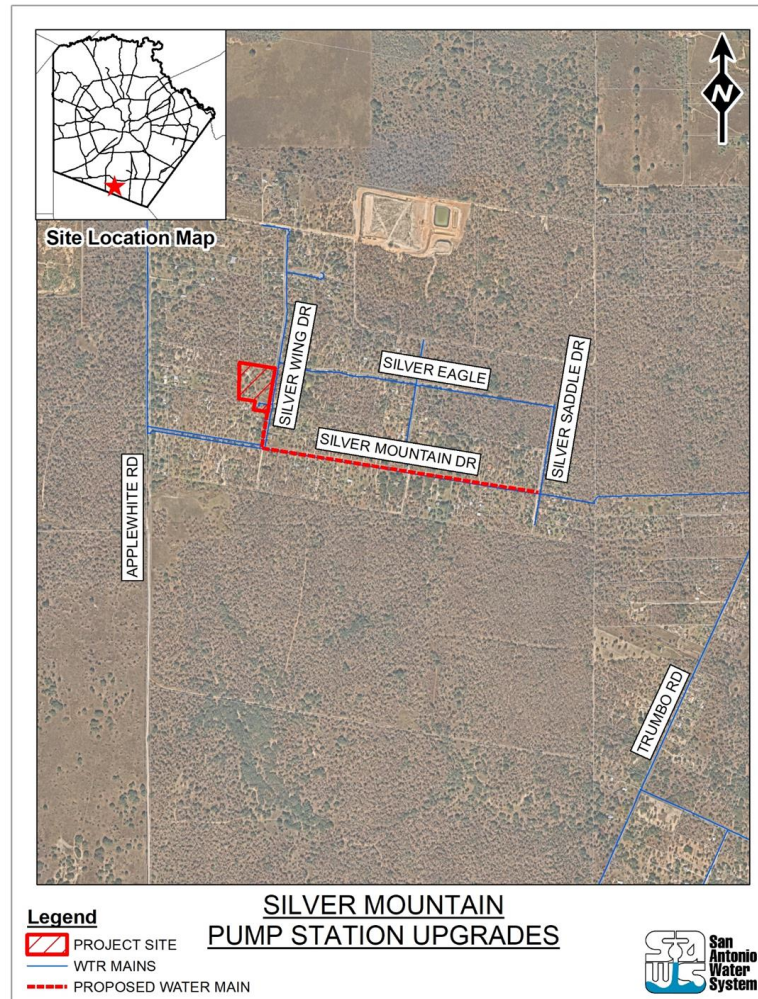
# Submittal Deadline

- SAWWS will accept electronic submittals only
- Allow sufficient time to upload submittal ahead of the deadline to allow for any technical difficulties
- Solicitation number, solicitation name, date and time of the deadline should be clearly identified on the electronic file and email
- Late responses will not be accepted and will not be opened

# Communication Reminders

- There should not be any communication regarding this solicitation with the following:
  - SAWS Project Manager
  - Any other SAWS staff, managers, directors, or VPs
  - City Council member or staff
  - SAWS Board of Trustees
- This includes phone calls, emails, letters, or any direct or indirect discussion of the RFQ
- This is in place from release of the RFQ to Board Award

# Overview of Project Location



- Located in far south Bexar County
- The existing pump station is in poor condition and does not include a ground storage tank as required by TCEQ
- The electrical service is over thirty years old and requires replacement in order to bring it up to NEC Code.
- The area surrounding the pump station is expected to grow in the near future so the pump station is being upsized in order to account for the future connections.

# Project Scope

- Project includes the demolition of existing concrete slabs, skid-mounted pump station, underground piping, electrical service lines, poles, equipment, ductbanks, cabinets, and conduits
- Includes the installation of a new 1.0 million gallon ground storage tank, a 3 MGD booster station and building, a 30,000 gallon hydropneumatic tank, a new electrical and I&C system, SCADA system, and site security.
- The project will also include improvements such as access drive ways, fencing, grading, drainage, and the installation of a 4,100-ft long 12-inch water main along Silver Mountain Dr.

# Project Implementation Schedule

Project	Construction Funding (CIP Year)
Silver Mountain Pump Station Upgrades	2024

# Design Considerations

- Contract Documents - Quality and attention to detail
- QMP - QA/QC of work and sub-consultant work
- Adherence to design phase implementation schedules
- Design review workshops and site walkthroughs
- Coordination and feedback - SAWS end users
- Engineer responsibility - Compliance with existing rules and regulations
- Coordination with other agencies - TXDOT, TCEQ, COSA, Bexar County, etc.

# Design Considerations

- Site visits - as many as needed
- Construction phasing
- Construction access and staging
- Survey and topographic information
- Impacts to traffic, homeowners and business owners
- Mobilization / demobilization
- Traffic control plans and coordination
- Technical specifications – Unique project components
- Quality and accuracy of OPCCs

# Design Considerations

- SUE to verify existing utilities and avoid conflicts, as needed
- Survey data and benchmarks
- Verify existing services
- Geotechnical Report (with recommendations) and Geotechnical Data Report (GDR)
- Identification of utilities (above and below ground)
- Easements and ROW
- Permits



# 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%

# Questions

Must be submitted in writing by June 14, 2022 by 4:00 P.M. via e-mail to:

**Susan Rodriguez**

Contract Administration Department

San Antonio Water System

[Susan.Rodriguez@saws.org](mailto:Susan.Rodriguez@saws.org)

# Silver Mountain Pump Station Upgrades

## RFQ PS - 00133

Kurtis Anderwald, P.E.

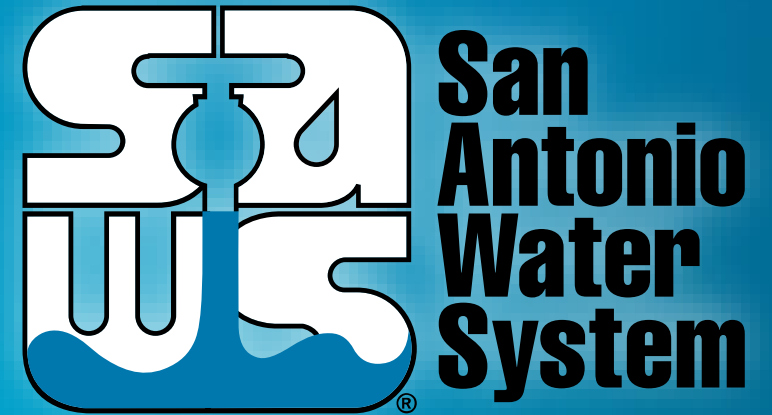
Project Manager – Plants and Major Projects

Marisol V. Robles

Manager – SMWVB Program

Susan Rodriguez

Contract Administrator



Non-Mandatory Pre-Submittal Meeting

June 9, 2022

MAKING SAN ANTONIO  
**WATERFUL**

