

# Rilling Road Flow Management Facility

Lucas Lang, P.E.

Project Engineer – Plants and Major Projects

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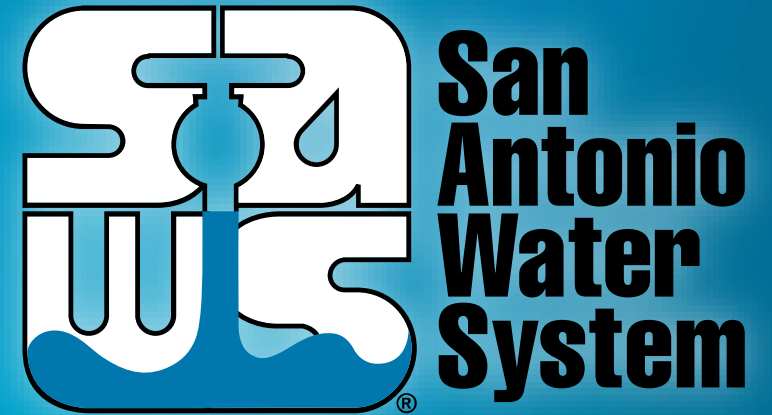
Manager – Plants and Major Projects

Marisol V. Robles

Manager – SMWVB Program

Roxanne Lockhart

Contract Administrator



Non-Mandatory Pre-Submittal Meeting  
September 25, 2020

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.

# Agenda

- Objective
- Requirements and Restrictions
- Selection Process
- Evaluation Criteria
- SMWVB
- Submission Reminders
- Key Dates
- Submittal Deadline
- Negotiations
- Communication Reminders
- Project Scope
- Supporting Documents
- Project Schedule
- Project Estimates
- TCEQ Considerations
- Key Considerations
- Questions

# Objective

- Provide professional engineering and design services for the Rilling Road Flow Management Project
  - Includes basic services and supplemental services for design and construction of proposed improvements
  - Basic Services: project management, 30% Design Validation and Supplementary Field Investigation, 60% design, 90% design, 100% design and bid phase, construction phase services, and project closeout
  - Supplemental Services: Additional survey, SUE, and geotechnical bores; additional environmental services; additional public meetings, etc.
- The Project included in this RFQ is necessary to meet EPA Consent Decree (CD) requirements

# Requirements and Restrictions – Additional Requirements

- Will perform all project-related functions utilizing Contract and Project Management System (CPMS)
  - Including adhering to specified service levels for processing change orders, RFIs, RFPs, and scratch sheets per the contract
- Respondent shall be familiar with the consent decree, which requires certain actions to rehabilitate the wastewater collection system to reduce sanitary sewer overflows (SSOs) and additional document retention
- Meet all milestones and adhere to the project schedule as published

# Requirements and Restrictions – Submission Restrictions

- \*SSORP Program Manager, HDR, may not submit for this RFQ
- Basin Planning Consultant (BPC) prime consultant (FNI and Stantec) may not be engaged in design of any projects within the basin for which they completed planning work
- Where BPC sub-consultant's work  $\geq 15\%$  of the total BPC's contract value, design work in each sewershed is restricted as if the sub-consultant were the BPC
  - BPC sub-consultants are eligible to serve as a sub or prime consultant
  - Please refer to Section II, E. Submission Restrictions, I in the RFQ
  - Respondent or their subs can verify the percentage with Marisol Robles, SAWS SMWVB Program Manager

\*To be modified via Addendum

# 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 firm
- Good Faith Effort Plan evaluated and scored
- Negotiation with selected consultant
- Board Award

## Selection Process – Recent Additions to RFQ

- If there is a change to key team members (prime or sub-consultant) identified on Respondent's organizational chart, notify SAWWS in writing as soon as possible
  - SAWWS may allow Respondent to replace the key team member with an alternate member who possesses equal or better qualifications and experience
- Also, per SAWWS' Ethics Policy, a former SAWWS 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 SAWWS
  - 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 Project Performance	30
Project Understanding and Approach	25
Small, Minority, Woman, and Veteran-owned (SMWVB) Business Participation	15
<b>Total</b>	<b>100</b>

# Evaluation Criteria – Team Experience and Qualifications

## *30 points – Refer to Attachment III*

- **Organizational Chart – 1-page (\*may use 11 x 17)**
  - Identify all proposed Key Personnel and Key Sub-consultants
- **Resumes for Key Personnel Only – 1-page each /No more than eight (8)**
  - \*Focus on projects in the last 15 years that are relevant to the scope of services in this RFQ
- **Describe the composition of the team – 2-pages**
  - Prime, Key Sub-consultants, and other Sub-consultants
- **Table Matrix in Attachment IV – Fillable Form**
  - Key Personnel from Prime and Key Sub-consultants
  - Availability
  - Percent of time committed to the Project for the duration of the Project
  - Geographic location

\*To be modified via Addendum

# Evaluation Criteria – Team Experience and Qualifications

*30 points – Refer to Attachment III*

I. \*Five (5) completed projects in the last 15 yrs of similar size and scope – utilize fillable forms, there are 2 options. **OPTION I:**

- Three (3) of the five (5) projects performed by the Prime/Two (2) by Key Subconsultant
- PM shall have participated in at least one (1) of the three (3) projects
- Technical Lead(s) shall have participated in at least one (1) of the five (5) projects
- QA/QC lead at least (1) of the five (5) projects
- Other Key Personnel shall have participated in at least two (2) of the five (5) projects OR

**OR OPTION II**

- All five (5) projects performed by the Prime
- PM shall have participated in at least two (2) of the five (5) projects
- Technical Lead(s) shall have participated in at least two (2) of the five (5) projects
- QA/Q lead at least (1) of the five (5) projects
- Key Personnel shall have participated in at least two (2) of the five (5) projects OR

\*To be modified via Addendum

# Evaluation Criteria – Team Experience and Qualifications

*30 points – Refer to Attachment III (cont.)*

2. With either option, PM shall be an employee of the Prime
3. Complete OPCC Table – Attachment IV
  - Five (5) Relevant Projects, as submitted under I above, as it relates to the accuracy of OPCC and change orders; projects should be completed

# Evaluation Criteria – Project Understanding and Approach

## *25 points – Refer to Attachment III*

- I. Explain 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. (6 pages)
  - Provide specific responses to the following (2 pages):
    - Familiarity with SAWWS facilities and infrastructure
    - Familiarity with the Project areas
    - Approach to becoming familiar with local and regional market
    - Understanding of Project related issues and difficulties (design and construction)
    - Understanding of coordination requirements with the involved entities, responsiveness, and follow through
    - Team approach to preparing deliverables to meet deadlines associated with fast-track SAWWS requests without compromising the quality of deliverables and Project schedule

# Evaluation Criteria – Project Understanding and Approach

## *25 points – Refer to Attachment III (cont'd)*

- Identify design concepts in need of additional definition or refinement and describe your proposed approach for addressing those items during the initial phase of the project.
- Identify risk items from design documents provided by SAWS and describe your proposed approach for mitigating potential impacts from those items.
- Describe your approach for coordinating with regulatory and permitting agencies to ensure buy-in and approval.

# Evaluation Criteria – Project Understanding and Approach

## *25 points – Refer to Attachment III*

### 2. Project specific and unique quality control and quality assurance (QA/QC) and risk management strategies that Respondent engages in similar projects (2 pages)

- Plan for how issues will be identified, tracked, and resolved
- 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
- Respondent's role compared to SAWS role
- 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
- Familiarity with the use of RS Means for developing independent cost estimates for construction change orders

# Small, Minority, Woman, and Veteran-Owned Businesses (SMWVVB) Participation

- M/WBE Scoring Method: **Up to 15 Points (By percentage) 40.00%**  
**M/WBE Goal**
  - M/WBE Participation Percentage between 1% and 9.99%: **3 Points**
  - M/WBE Participation Percentage between 10% and 19.99%: **6 Points**
  - M/WBE Participation Percentage between 20% and 29.99%: **9 Points**
  - M/WBE Participation Percentage between 30% and 39.99%: **12 Points**
  - M/WBE Participation Percentage meeting or exceeding 40.00%: **15 Points**
- SMWVVB-certified firms need to have a local-area office, must be “SBE”, and need to be certified through the SCTRCA or Texas HUB



# Small, Minority, Woman, and Veteran-Owned Businesses (SMWVVB) Participation

- Payments made to sub-consultants, subcontractors, and suppliers (SMWVVBs and Non-SMWVVBs) will be reported using SAWS' Subcontractor Payment and Utilization Reporting (S.P.U.R.) System. This is a contractual requirement
- All firms listed in the organizational chart must also be listed in the Good Faith Effort Plan

- Questions related to the SMWVB Program, completion of the Good Faith Effort Plan(GFEP), or SMWB scoring may be directed to the SMWVB Program Manager until the RFQ is due. Her contact information is:

**Marisol V. Robles**

SMWVB Program Manager

Contracting Department

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

# Submission Requirements

- Submit electronic copies only
- File size limitation is **10 MB** and no more than **21 pages**
  - Reference the RFQ regarding required items that do not count towards the page limitation
- Must submit using Evaluation Criteria Forms where indicated
- Use 8½” x 11” portrait format (except for two (2) 11 x 17 pages allowed)
- Thoroughly read the RFQ to become familiar with scope
- Ensure references provided are verified, valid and accessible
- Be specific and avoid “boiler plate” responses where narrative is requested
- Utilize the Submittal Response Checklist

# Submission Requirements

- Project references submitted should be of similar size, scope, and complexity
- Project references should be completed projects
- Contact the SMWVB Program Manager for assistance, if necessary
- Perform QA/QC on proposal prior to submitting
- Solicitation Submittal Type 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

Date	Action
RFQ Released	September 18, 2020
Written Questions Due	September 30, 2020 by 2:00 p.m.
Q & A Posted to Website	October 2, 2020 by 2:00 p.m.
Proposals Due	October 19, 2020 by 2:00 p.m.
Proposals Evaluated	October – November 2020
Interviews, if necessary	November 2020
Negotiations	November 2020
SAWS Board Consideration and Award	December 8, 2020
Start Work	January 2021

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

# Submittal Deadline

- Electronic submittals only, refer to solicitation on where to e-mail your submissions
- 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

# Negotiations

- Must be completed within fifteen (15) calendar days from receipt of Respondent's Selection Letter
- If an agreement cannot be reached within the time frame, SAWWS will formally cease negotiations and begin negotiations with the next most qualified firm

# Communication Reminders

- There should not be any communication regarding this solicitation 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
- 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

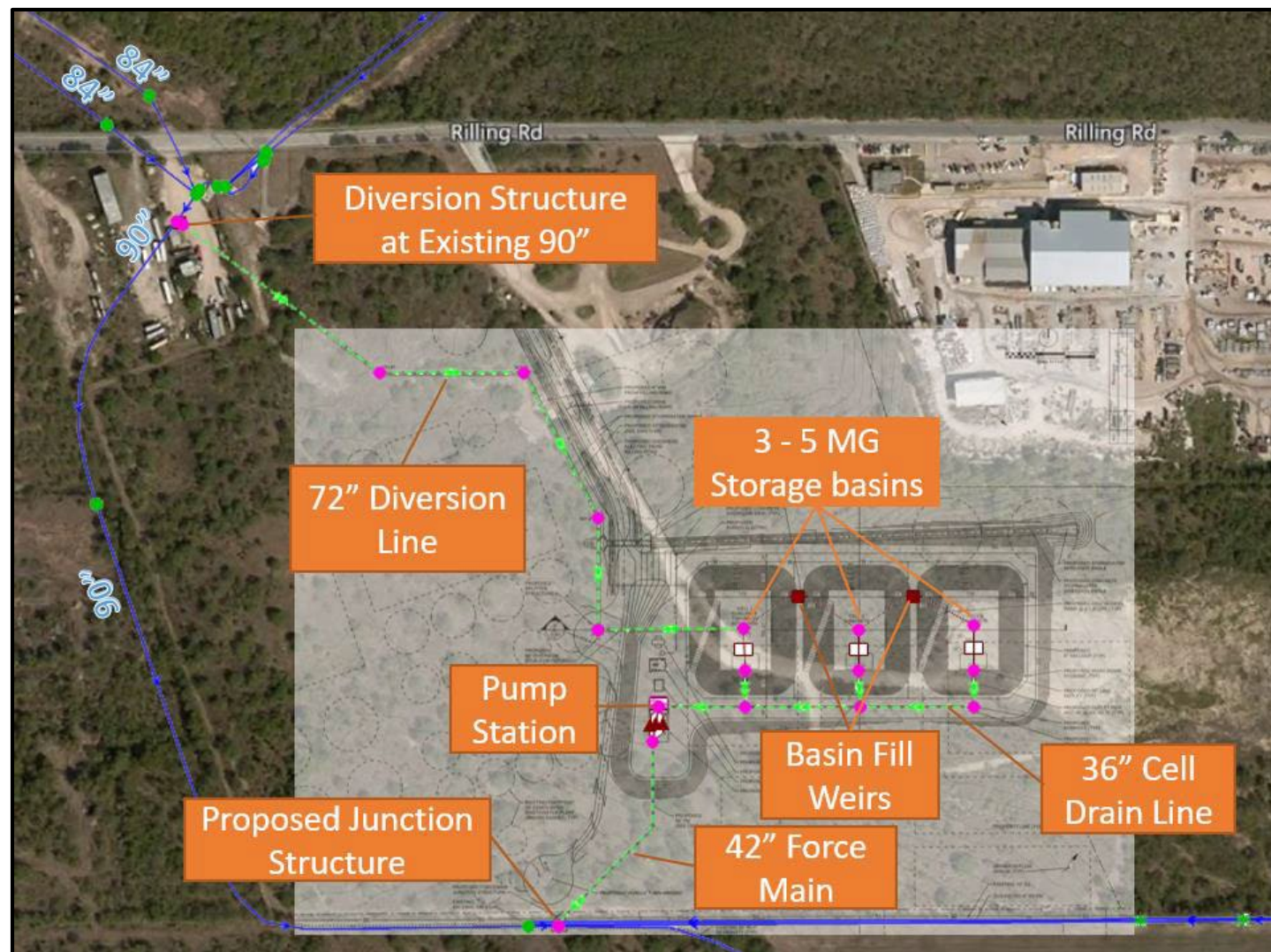


# Scope

- Selected consultant is to validate 30% design from BPC
- Storage Type
  - Below grade tanks or concrete lined earthen basins is to be determined
  - Conveyance
  - Prefer gravity-in/pump-out over pump-in/gravity-out
- Compartments
  - First compartment will act as sedimentation basin
- Clean out method
  - To be determined
- Avoid Super Critical Flow
  - Prevention of super critical flow when introducing stored water onto the existing 90-inch pipeline going to the Steven M. Clouse Water Recycling Center

# Scope

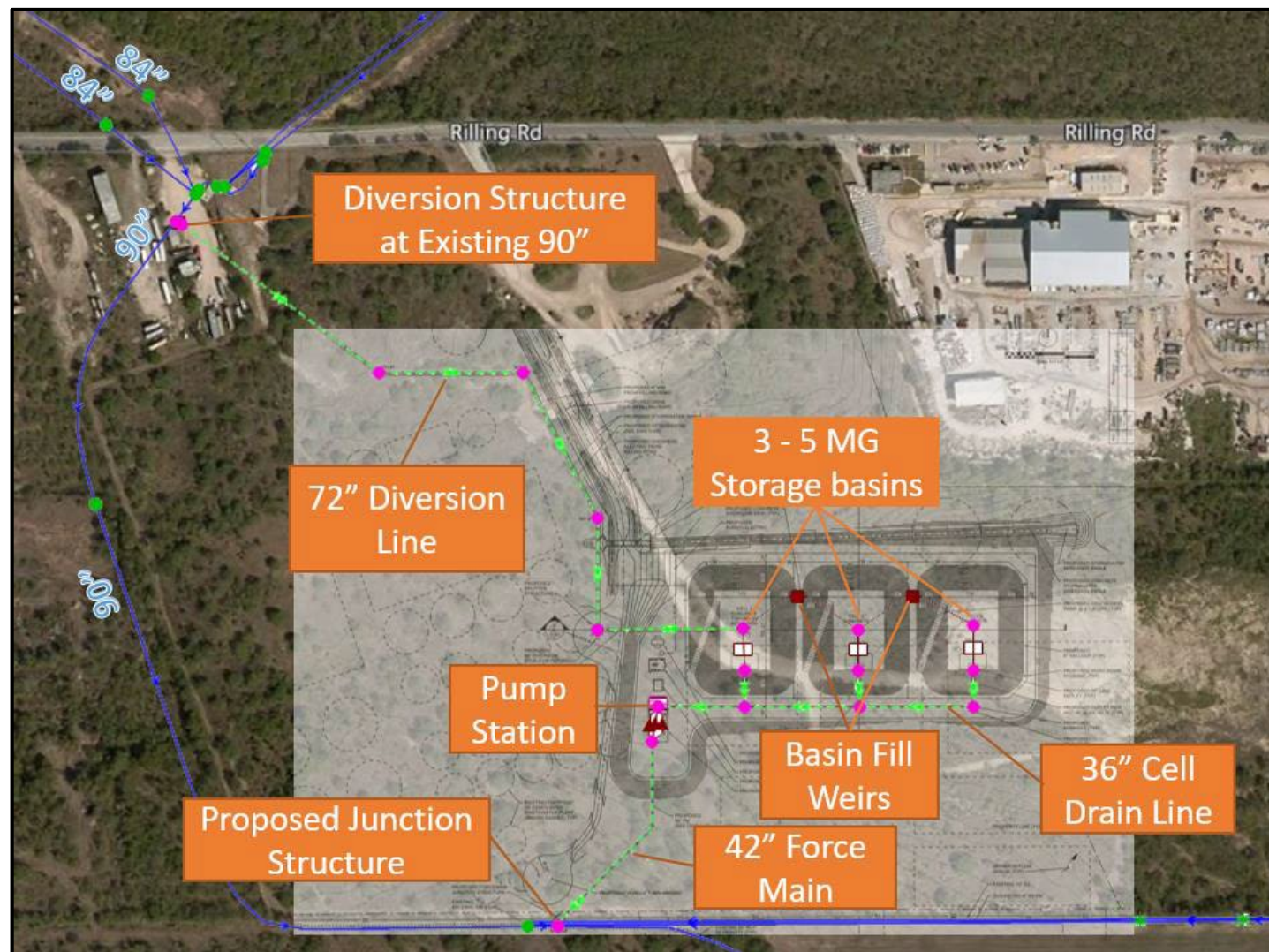
- Capacity
  - 15 Million Gallons
  - Three 5-MG basins
  - Expandable to 30 MG
- Civil Work
- Yard Piping
- Flow Diversion & Junction Structure



Source: BPC, 30% Design Phase Report, 2018

# Scope

- Electrical
- I&C
- Site Lighting
- Access & Site Security
- Odor Control
- Additional scope item:
  - Feasibility assessment of odor control options for the Six Mile Creek 72-inch Syphon



Source: BPC, 30% Design Phase Report, 2018

# Supporting Documents

The following documents are being provided with the RFQ:

- BPC Final 30% Design Technical Memorandum
  - To be reviewed and validated
- BPC 30% Design Plans
  - Drawings
- BPC Table of Quantities
  - Quantity takeoff for proposed five alternatives
- Six Mile Creek Siphon Air Jumpers 30% Design Technical Memorandum
  - Feasibility to be assessed

# Project Schedule

- SAWS Board Award for Design – December 2020
- Begin Design (NTP) – January 2021
- Advertise for Bid – September 2022
- SAWS Board Award for Construction – January 2023
- Project Complete – November 2024
- Consent Decree Deadline – July 2025

# Project Estimates

- Engineering Opinion of Preliminary Construction Cost estimates were developed from the BPC Table of Quantities
- Design Options
  - Buried Tanks (option 4) Cost Forecast: **\$52,600,000**
  - Open Basins (option 5) Cost Forecast: **\$28,500,000**

# TCEQ 217.6 – Design Criteria for Domestic WW Systems

## Chapter 217.6 Transmittal Letter

- Ensures compliance with §217.6(c)
- Requests any variance(s) from Chapter 217 and provides technical justification for said variance(s)
- Discloses any innovative or nonconforming technologies in use
- Required to be signed and sealed
- An example of the Chapter 217.6 Summary Transmittal Letter is provided in the RFQ

# Key Considerations

- Schedule
- Methods of construction
- Coordination with other agencies (e.g., CoSA, Bexar County, TxDOT, THC, USACE, TCEQ, VIA, etc.)
- Easements and ROW
- Identification of utilities (above and below ground)
- Environmental Site Assessment
- Surveys and topographic information
- Access points for construction and contractor staging
- Adequacy of easements



# Key Considerations (cont'd)

- Bypass plans
- Traffic control
- Plans, Specifications, and Cost Estimates
- Confirm all requirements met as outlined in the RFQ
- Use relevant experience
- Resumes for Key Personnel (Prime and Key Subs)
- Similar Project References (participation from Key Personnel)
- Avoid using “Cookie Cutter” submissions

# Questions

- Must be submitted in writing by September 30, 2020 by 2:00 P.M. via e-mail to:

**Roxanne Lockhart**

Contract Administration Department

San Antonio Water System

[Roxanne.Lockhart@saws.org](mailto:Roxanne.Lockhart@saws.org)

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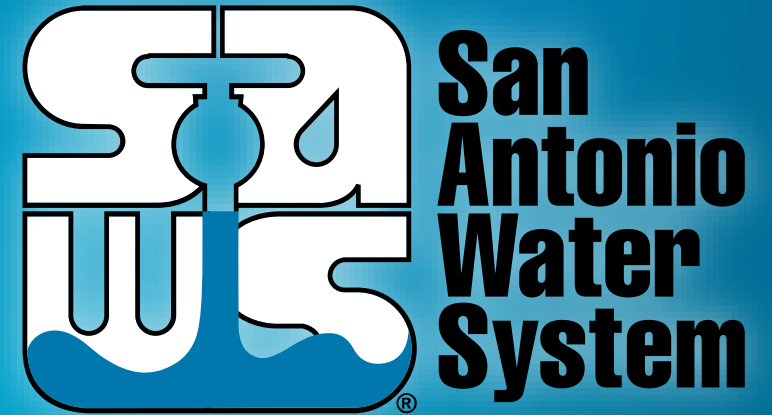
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