

# Randolph Pump Station Improvements Project, CO-00459, RFCSP

Ila Drzymala, Ph.D., P.E.

Sr. Project Engineer, Plants and Major Projects

Janie M. Powell

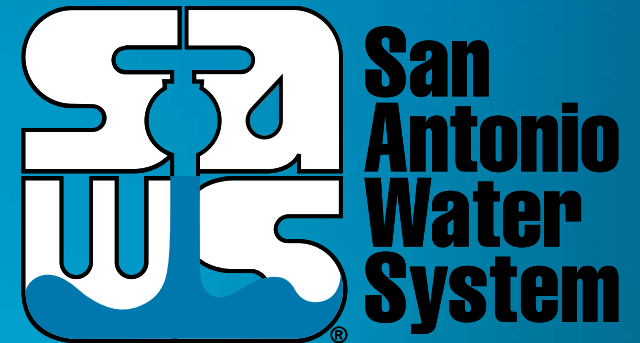
Contract Administrator

Marisol V. Robles

SMWVB Program Manager

Estella Cota Trevino, P.E.

Design Consultant



Non-Mandatory Pre-Proposal Meeting

December 14, 2022

MAKING SAN ANTONIO  
**WATERFUL**

An illustration of a cross-section of the ground showing several blue water pipes with valves and fittings. In the foreground, a small glass of water is shown next to the 'L' in the 'WATERFUL' logo.

# WebEx Meeting Information

- Stay muted during the entire presentation
- Sign-In using the chat
  - Name, Company, Email Address
- 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 SAWWS solicitation website

## Oral Statements

Oral statements or discussion during the pre-proposal meeting will not be binding, nor will it change or affect the terms or conditions within the Plans and Specifications for this Project. Changes, if any, will be addressed only via an Addendum

# Meeting Agenda

- Project Overview
- Key Project Information
- Non-Mandatory Site Visit
- SMWB
- Contract Requirements
- Evaluation Process
- Required Experience
- Proposal Packet Preparation
- Evaluation Criteria
- Additional Reminders
- Communication Reminders
- Solicitation Schedule
- Submission Due Date
- Project Overview
- Project Scope
- Construction Sequencing Requirements
- Special Conditions
- Questions

## Project Overview

- Replacement of the high service pumps
- Piping and associated appurtenances
- Replacement of the existing and installation of the new electrical and I&C equipment and SCADA systems
- Construction of a new electrical and control building
- Installation of a new building housing the new on-site sodium hypochlorite generation (OSHG) system and a new pre-fabricated building housing a new fluoridation system

## Project Overview

- Installation of cathodic protection system
- Replacement of the existing well pump motors and blow-off piping
- Recoating of the existing above grade piping and equipment
- Replacement of the existing site access road and fencing
- Site/civil improvements including grading and drainage, and all other improvements necessary to complete the project

## Key Project Information

- Non-Mandatory Pre-Proposal Meeting
- Procured under Chapter 2269 of Texas Government Code as a Request for Competitive Sealed Proposals (RFCSP)
- A Geotechnical Report and Limited Asbestos Inspection Report are available on the SAWS' website with execution of a disclaimer
- Contract duration is 900 calendar days
- Construction estimated budget is \$27,500,000.00

# Non-Mandatory Site Visit

- Reference Site Visit Procedures
- December 15, 2022 at 11:00 a.m.
- By Appointment only
- Site visit duration ~1 Hour
  - Arrive 10 minutes early for check in
- Adhere to COVID-19 protocols (temperature check, distancing, etc.)
  - Masks and eyewear recommended
- Must coordinate site visits in advance with Janie M. Powell via email
- Sign up for site visit no later than December 14, 2022 at 2:00 p.m.
- Purpose is to allow Contractors to visit project area in person
- No Q&A during site visit
- Attendees may take videos, photos and notes during site visit



## SMWB

Up to 10 points may be earned for SMWB participation as indicated on the SIR (Pages SIR-10, SIR-1 and SIR-12)

Industry	Aspirational SMWB Goal
Construction	20%

The aspirational SMWB goal is expressed as 20% of your total price proposal

# SMWB Scoring

## Proposed SAWS Construction Alternative Delivery Method SMWB Scoring:

All respondents may earn the maximum number of SMWB points (10 points). Firms may use any combination of points below when attempting to meet the SMWB goals. Self-performance and subcontracting may be used to achieve the aspirational goals and earn points. SMWB prime contractors and/or subcontractors must be certified by the South Central Texas Regional Certification Agency, and must have a local presence in the San Antonio Metropolitan Statistical Area in order to be eligible for SMWB points.

### 1. M/WBE Scoring Method: 10 Points (By percentage) 20.00% M/WBE Goal

- MBE Participation Percentage between 1% and 4.99%: 1 Point
- MBE Participation Percentage between 5% and 9.99%: 2 Points
- MBE Participation Percentage between 10% and 14.99%: 4 Points
- MBE Participation Percentage between 15% and 16.99%: 5 Points
- MBE Participation Percentage between 17% and 19.99%: 8 Points
- MBE Participation Percentage meeting or exceeding 20.00%: 10 Points

### 2. SBE (Non-M/WBE) Scoring Method: 5 Points (By percentage) 5% SBE Goal

- SBE Participation Percentage between 1% and 1.99%: 1 Point
- SBE Participation Percentage between 2% and 2.99%: 2 Points
- SBE Participation Percentage between 3% and 3.99%: 3 Points
- SBE Participation Percentage between 4% and 4.99%: 4 Points
- SBE Participation Percentage meeting or exceeding 5.00%: 5 Points

# Good Faith Effort Plan (GFEP) FAQs

- **Q: Is the 20% SMWB goal mandatory?**

A: No, but we ask prime contractors to do their best with good faith outreach efforts. If the goal is not met, proof of outreach efforts is required with the submittal.

- **Q: What if I am having trouble finding SMWB subcontractors?**

A: Please email the SMWVB Program Manager with the scopes of work you are seeking. You will receive lists of local SMWVB-certified firms to contact. The SCTRCA also has a search portal at [www.sctrca.sctrca.org](http://www.sctrca.sctrca.org).

- **Q: What if my business is SMWB-certified? Do I need to find SMWB subs?**

A: If your firm is SMWB-certified, you will most likely meet the goal. However, the GFEP is a required document, and a good faith outreach effort is still necessary.

- **Q: Do I need to include all my subcontractors in the GFEP or just those that qualify towards the SMWB goal?**

A: **All** subcontractors and suppliers need to be included in the GFEP, even those that may not count towards the SMWB goal.

- **Q: What if I have questions about the GFEP?**

A: Please contact the SMWVB Program Manager at 210-233-3420, or at [Marisol.Robles@saws.org](mailto:Marisol.Robles@saws.org). GFEP questions can be asked at any time before the submittal is due.

## Minimum Qualifications for SMWB recognition

- **South Central Texas Regional Certification Agency**
  - (Includes the Texas Historically Underutilized Business “HUB” Program)
  - SBE-Certified (includes MBEs and WBEs)
- **Local office or local equipment yard**

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

- 1. Subcontractor & Supplier Payment Tracking
- 2. Subcontractor and Supplier Additions or Substitutions
- 3. Must be Current and Accurate before Retainage is released

<https://saws.smwbe.com>



Randolph Pump Station Improvements Project



# Contract Requirements

- Prevailing Wage Rate and Labor Standards – Section 2.10 of the General Conditions
  - Certified payroll to be submitted on weekly basis for the duration of the project
  - Wage decisions are included within the specifications
  - Contractors to utilize LCP Tracker
  - Site visits are random and unannounced
  - Interviews will be conducted and will be private & confidential
  - Payroll records are subject to review
  - All apprenticeship programs will need to be approved by Department of Labor prior to starting
  - Contractors are responsible for sub-contractor payroll
  - Late payrolls may delay contractor payments and release of retainage from SAWS

## Contract Requirements

- Insurance requirements are found in Section 5.7 of the GCs
  - Installation Floater in lieu of Builder's Risk
- Selected contractor's insurance must be compliant with all other contracts
- SAWWS will request insurance certificate prior to Board award to ensure insurance compliance and to assist in expediting execution of the contract
- Selected contractor must ensure insurance is compliant for the duration of the contract

# Contract Requirements

## Supplemental Conditions (Continued)

- Contractor shall perform the Work with its own organization on at least 40% of the total original contract price which should be indicated on the Good Faith Effort Plan

Type/s of Certification: SBE: \_\_\_\_\_ MBE: \_\_\_\_\_ VBE: \_\_\_\_\_ WBE: \_\_\_\_\_

Prime Contractor's Percentage of Participation: (Ex: 100% is the total value of the contract.) \_\_\_\_\_%

Describe your firm's participation to be performed on this Project: \_\_\_\_\_

– Liquidated Damages will be assessed at \$1,470.00 per day



# Evaluation Process

- Technical Evaluation Committee (TEC) will score the proposals based on the evaluation criteria published in the Supplementary Instructions to Respondents to determine the Respondent who can provide the best value to SAWS
- Price will be calculated (lowest price receives the highest points) and SMWB will be added to final scores
- Selection Evaluation Committee reviews final scores and recommends firm
- Interviews, if necessary
- Negotiations, if any
- Board award

## Required Experience

Respondents submitting a proposal for this RFCSP should clearly demonstrate, completely and sufficiently, that rehabilitating and constructing potable water pump stations and production facilities (5 mgd or larger), chemical feed systems, chemical and electrical buildings, and associated site/civil, demolition, mechanical/HVAC, structural/architectural, electrical and instrumentation and controls (I&C) work is a primary business focus and service, and such services have been successfully provided for at least five (5) continuous years

# Proposal Packet Preparation

- Proposal page limits do apply
- Review Instructions to Respondents and Supplementary Instructions to Respondents thoroughly
- Utilize the Proposal Response Checklist
  - 3 pdf files required for electronic submittal
  - Follow file naming convention
- Utilize Evaluation Criteria Forms as indicated
  - Available in MS Word on the SAWS website

# Proposal Packet Preparation

- Respondent's entire proposal should create a clear picture of Project Team experience and capabilities (Org chart, projects, and resumes for Key Personnel and Key Subcontractors)
- Thoroughly review scope and ensure project examples and key personnel resumes clearly show similar experience
- Thoroughly review evaluation criteria and respond with all required information in the order requested to maximize points
- For sections that require narrative, be specific; avoid “boiler plate” responses

# Proposal Packet Preparation

- Verify reference contact information for all project references submitted with the proposal, if SAWWS is unable to contact a reference, points may be deducted, or proposal may be deemed non-responsive
- Ensure required documents are submitted and signed (i.e., Respondent Questionnaire, CIQ, etc.)
- Price Proposal
  - Acknowledge Addendums on Proposal Signature Page
  - Verify all line-item extensions
  - Ensure mobilization and demobilization percentage is correct and doesn't exceed maximum percentage amount (line items **1-13** only)

# Evaluation Criteria

Criteria	Weight	Page No.
Team Qualifications and Experience	17%	SIR-3
Quality, Reputation, and Ability to Deliver Projects on Schedule and within Budget	15%	SIR-5
Project Approach, Schedule and Availability	18%	SIR-8
Price	40%	SIR-9
Small, Minority, and Woman-owned Business Participation	10%	SIR-10
<b>TOTAL</b>	<b>100%</b>	

# Team Qualifications and Experience (17 pts)

## a. Organizational Structure and Information of the Prime Contractor

- Organizational structure, type of business structure and stability of organization.
- Total # of employees and annual company revenues as of 12.31.21
- Debarment history for the company for last ten (10) years.
- Financial information and financial statements

## Team Qualifications and Experience (17 pts)

- b. Proposed Team Structure and Key Personnel Roles and Responsibilities
- Organizational chart: to include Prime's and Sub's Key Personnel, percent availability, and proposed role – one (1) page limit
  - Proposed team identifying subcontractor(s), their role on the project, and teaming history. If no previous work history with any of the subs, provide proposed approach for ensuring successful completion of the project
  - Clear description of the proposed team's Key Personnel roles and responsibilities



# Team Qualifications and Experience (17 pts)

## c. Qualifications and Experience of Key Personnel

On separate 8 1/2" x 11" sheets, provide resumes, one per person and not to exceed one (1) page each, for the Prime Contractor's Key Personnel identified on the organizational chart with the Project Manager's resume being first. Key Personnel resumes should include the following information:

- Name, job title, education
- Number of years of total professional experience
- Number of years/months with current company
- Number of years/months of experience in proposed role for this project
- Description of professional qualifications (to include degrees, licenses, certifications, and associations)
- Brief overview of professional experience
- Detailed description of capabilities and experience relevant to this project
- List of all other active projects the team member is assigned to for the duration of the Project, to include the phase and percentage of time allocated to each of the other projects. For each project included in each resume, please clearly identify whether the project is with current firm or part of the person's past professional experience.

## Quality, Reputation and Ability to Deliver Projects (15 pts)

- a. Prime Contractor On-time Completion on Similar Projects in the past 15 years
- Three (3) completed projects of similar size, scope, and complexity within the last 15 years
    - Owner reference contact information should be valid and recently verified
    - If valid contact info is not provided, score or proposal may be negatively impacted
  - 1 of the 3 projects listed must have been performed by the proposed Key Personnel
    - **Key Personnel roles on references should match role proposed**
    - **If SAWS experience, include one project of similar size, scope, and complexity**
  - The Respondent shall provide list for all current & recently completed potable water pump station rehabilitation and new construction of potable water pump stations projects performed in the last 5 years for all Utility Owners in TX
  - List of all projects currently under construction in which Key Personnel are involved, and the expected completion date that demonstrates ability to start and complete the work required by the project

## Quality, Reputation and Ability to Deliver Projects (15 pts)

### b. Key Subcontractor(s) Performance on Similar Projects in the Past 10 years

- Provide list of 2 projects that identified Key Electrical Subcontractors has completed within the last ten (10) years
- Provide list of 2 projects that identified Key Instrumentation and Controls Subcontractors has completed within the last ten (10) years
- If Prime self-performing, provide list of two (2) additional projects for each Key Subcontractor role being replaced

# Project Approach, Schedule and Availability (18 pts)

## a. Project Approach

- Narrative of Project Approach
- Contact and coordination efforts
- Shut down related activities
- Procurement of large pumps, pipes and valves, buildings, OSHG system, tanks, electrical and I&C components and other long-lead time equipment or devices.
- Provide innovative ideas for cost savings
- Quality Management Plan including steps, safeguards, subcontractor oversight, QC processes, and document controls

# Project Approach, Schedule and Availability (18 pts)

## b. Project Schedule and Unforeseen Conditions

- Critical path method (CPM) schedule Primavera or Microsoft project - Assume NTP of **March 20, 2023**
- Explain how Respondent will complete the project within schedule taking into consideration existing commitments
- Identify long-lead time items and critical path shop drawing submittals
- Procurement and delivery of long-lead time items
- List and describe prior instances of unforeseen conditions
- Approach for mitigating and managing unforeseen conditions on this project

# Project Approach, Schedule and Availability (18 pts)

## c. Availability of Key Personnel and Equipment

- Describe availability of Key Personnel for Prime Contractor
- Describe availability of equipment and facilities for this project
- List available workforce for various disciplines required including the number of work crews, and number of personnel for each skill classification (per Org. Chart)

## Safety Information for Prime and Key Sub(s)

- Complete and include the Safety Matrix within the Evaluation Criteria forms
  - Provide records showing Total Recordable Incident Rate (TRIR) past 5 years for the Prime Contractor and Key Subcontractor(s)
  - Provide records showing the company's Experience Modification Rate (EMR) past 3 years for the Prime Contractor and Key Subcontractor(s)
  - List fatalities in company's safety history for Prime Contractor and Key Subcontractor(s)
  - Backup documentation verifying safety information must be included with proposal

## Price (40 pts)

- Lowest total price will receive 40 points
- Remaining proposals will receive points based on comparison to the lowest price proposal

Proposal	Price	Calculation	Points Earned
A	\$9,350,000	$(7,750,665/9,350,000) \times 40$	33.16
B	\$10,125,800	$(7,750,665/10,125,800) \times 40$	30.62
C	\$7,750,665	$(7,750,665/7,750,665) \times 40$	40.00
D	\$8,565,450	$(7,750,665/8,565,450) \times 40$	36.20
E	\$12,700,000	$(7,750,665/12,700,000) \times 40$	24.41



## Additional Reminders

- Register with Vendor Registration Program on the SAWS website at [www.saws.org](http://www.saws.org) to ensure access to the latest information
- To receive updates on specific projects, registered vendors should subscribe to the project by selecting the project, and clicking 'Subscribe' under the Notify Me box



### Notify Me

Receive updates sent straight to your inbox.

Subscribe

Randolph Pump Station Improvements Project



## Slide 33

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**JPM3** should we add the Contract Solicitations Website slides from the Pre-Bid presentation to this one and the RFQ/RFQ?

Janie Powell M, 8/11/2022

# Communication Reminders

- No communication regarding the RFCSP with the following:
  - Design Engineer
  - SAWS Project Manager or Project Engineer
  - 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 RFCSP
  - If submitting for the RFCSP and/or doing work for SAWS, indicate this when speaking with SAWS staff, but refrain from discussing the RFCSP
- From release of the RFCSP to Board Award

## Slide 34

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**JPM4**

This one looks a little different than the one for the pre-bid, but matches the RFQ/RFQ

Janie Powell M, 8/11/2022

# Solicitation Schedule

MILESTONE	DATE / TIME
<b>RSVP for Site Visit Due</b>	December 14, 2022 at 2:00 PM CST
<b>Covid Responses Due</b>	December 15, 2022 at 8:30 AM CST
<b>Site Visit</b>	December 15, 2022 at 11:00 AM CST
<b>Questions Due</b>	December 21, 2022 at 4:00 PM CST
<b>Answers Posted</b>	January 6, 2023 at 4:00 PM CST
<b>FTP Site Request</b>	January 17, 2023 at 10:00 AM CST
<b>Proposals Due</b>	January 18, 2023 at 10:00 AM CST
<b>Interviews (if necessary)</b>	January / February 2023
<b>Notification of Award / Contract Negotiations</b>	January / February 2023
<b>Board Award</b>	March 7, 2023
<b>Start Work</b>	March 2023

## Submission Due Date

- Proposals due no later than **10:00 AM CST on January 18, 2023**
- **Electronic Proposals Only**
- Follow specific electronic proposal delivery instructions:
  - Request the FTP Site for Upload no later than January 17, 2023, at 10:00 AM CST
  - Follow naming convention provided in the Respondent Proposal Checklist for all 3 files
  - Late responses will not be accepted and will not be opened
  - A WebEx proposal opening meeting will be held on January 18, 2023, at 10:00 AM CST

# Questions

- Submitted no later than December 21, 2022 at 4:00 PM (CST)
- Identify solicitation number
- Must be submitted in writing:

**Janie M. Powell**

**Contract Administrator**

Contract Administration Department

San Antonio Water System

Janie.Powell@saws.org

Fax: (210) 233-5351

Randolph Pump Station Improvements Project



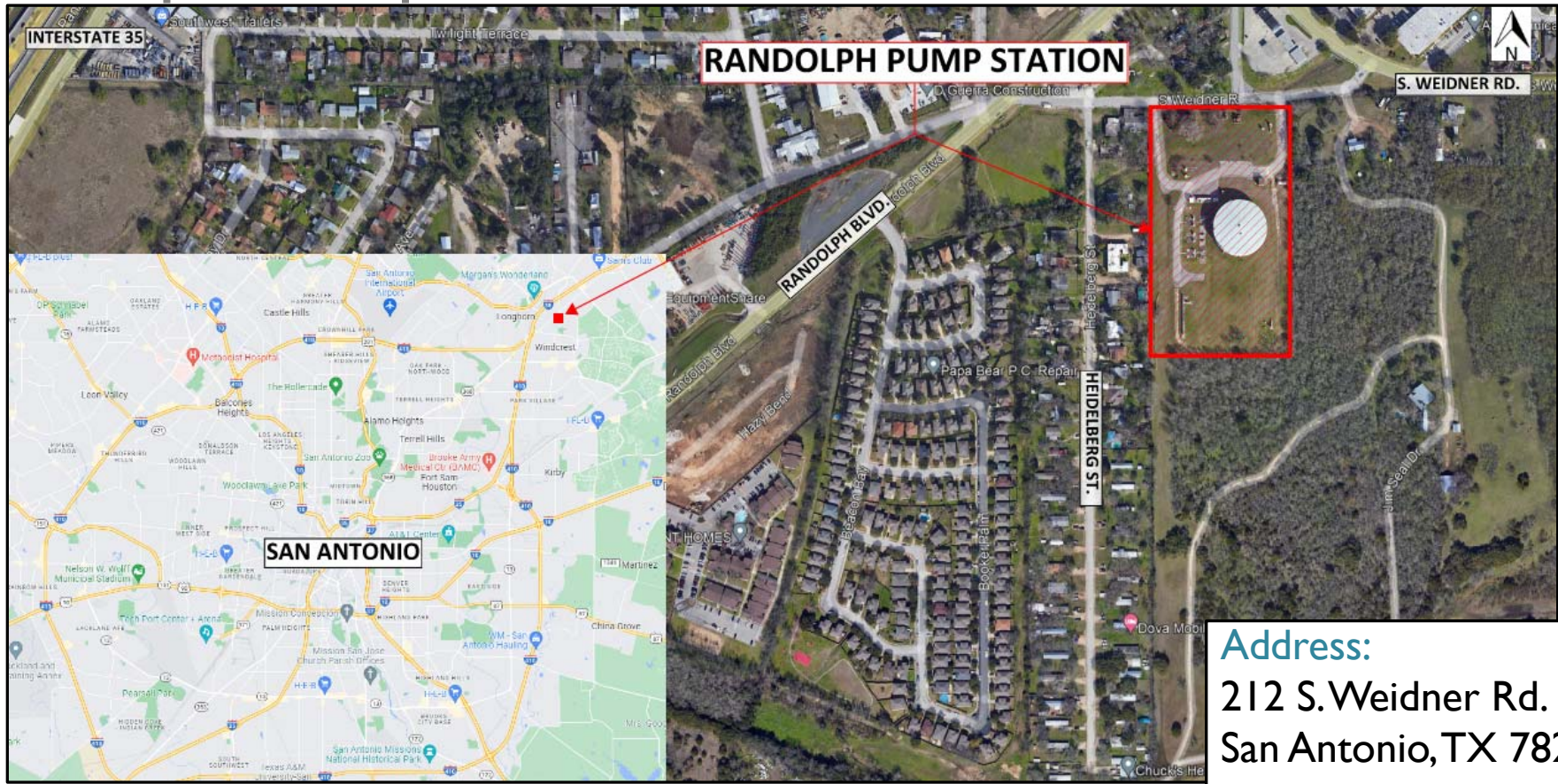
# Project Overview

- Project Location
- Project Scope
- Existing Site Layout and Demolition Plan
- Proposed Site Layout
- Construction Sequencing
- Special Conditions





# Randolph Pump Station Location



**Address:**  
 212 S. Weidner Rd.  
 San Antonio, TX 78233

## Randolph Pump Station Improvements Project



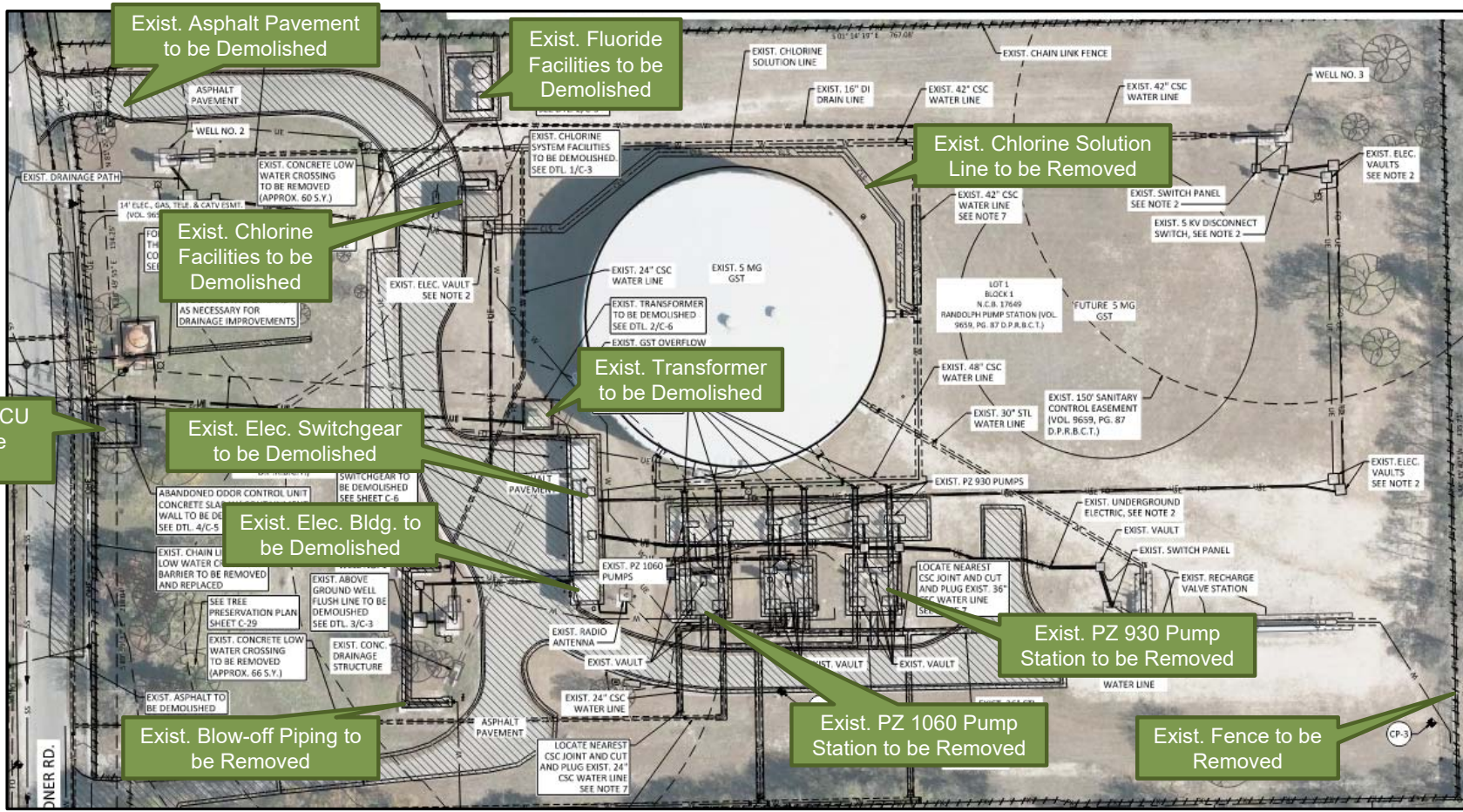
## Project Scope

- Replacement of three (3) existing PZ 930 12-MGD horizontal split case pumps with vertical turbine pumping units of the same capacity
- Replacement of three (3) existing PZ 1060 6-MGD horizontal split case pumps with vertical turbine pumping units of the same capacity
- Replacement of all existing site electrical, instrumentation and controls SCADA equipment and installation of new electrical/instrumentation for new facilities, including chemical facilities
- Electrical and control building with below-grade vault for electrical, instrumentation, and SCADA equipment
- Chemical building housing new On-site Sodium Hypochlorite Generation (OSHG) system

## Project Scope

- Pre-fabricated fluoride building for new fluoridation system
- Above-ground primary chlorine injection point with a static mixer and secondary chemical injection point within vault
- Replacement and reconfiguration of well pump blow-off piping and associated appurtenances
- Replacement of three (3) 700 HP well pump motors
- Painting/re-coating of all existing above-grade equipment and piping to remain in place, excluding existing GST
- Installation of impressed current cathodic protection system for entire site
- Site civil improvements such as grading, drainage, access roads, and fencing

# Existing Site Layout and Demolition Plan

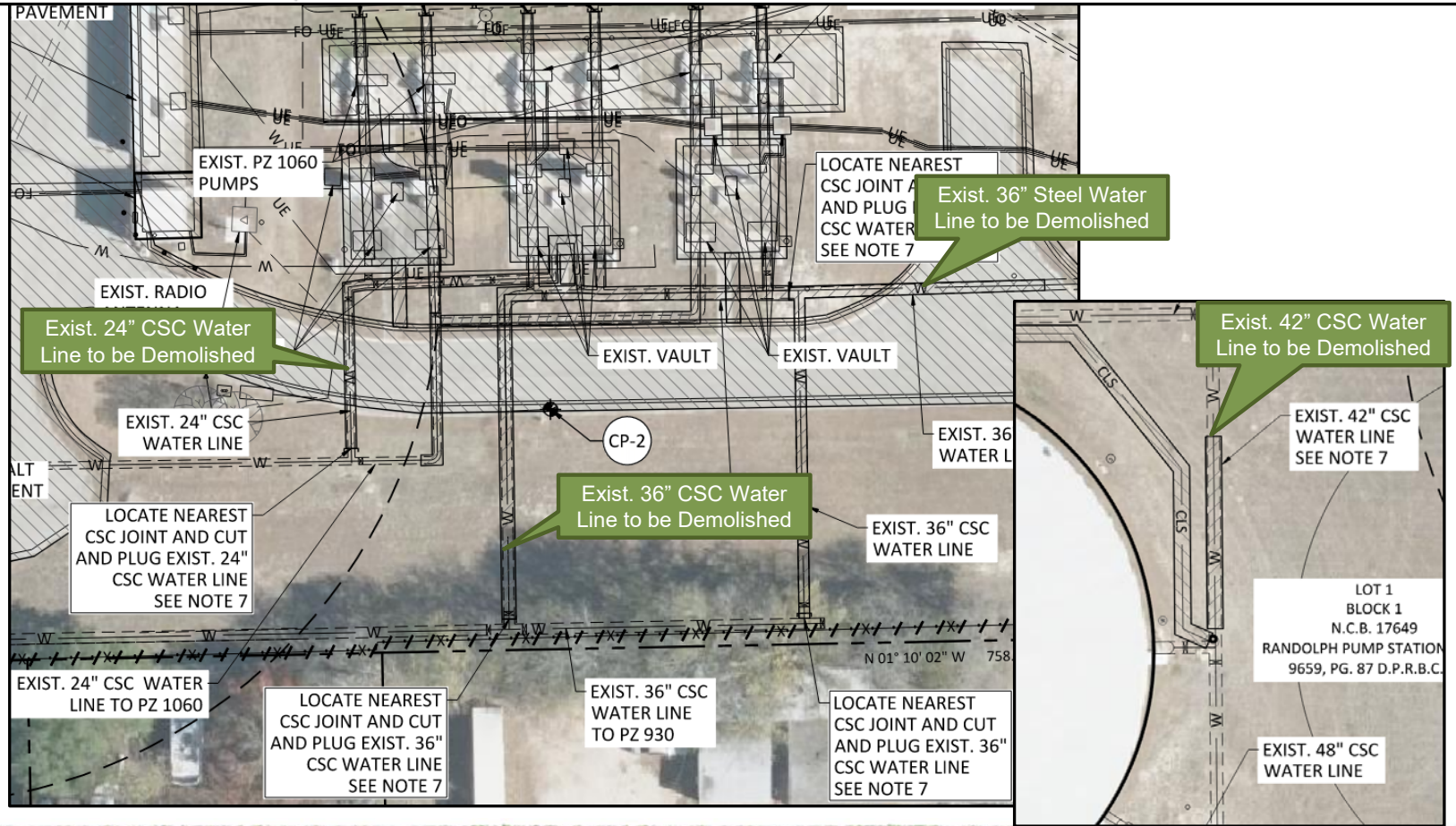


## Randolph Pump Station Improvements Project



7. CONTRACTOR MUST FIELD VERIFY LOCATION OF EXISTING PIPE JOINTS ALONG CSC PIPING TO BE DEMOLISHED AND ENSURE FULL JOINT SECTIONS ARE REMOVED. IF PLUGS ARE SPECIFIED ON CSC PIPING, THESE SHALL BE INSTALLED AT THE NEAREST JOINT.

# Yard Piping Demolition



## Randolph Pump Station Improvements Project



# Randolph Pump Station Photos

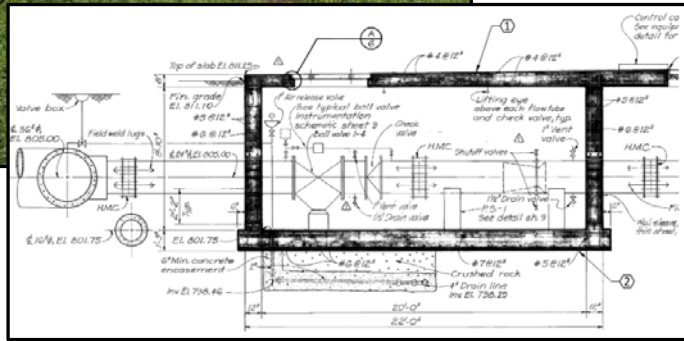
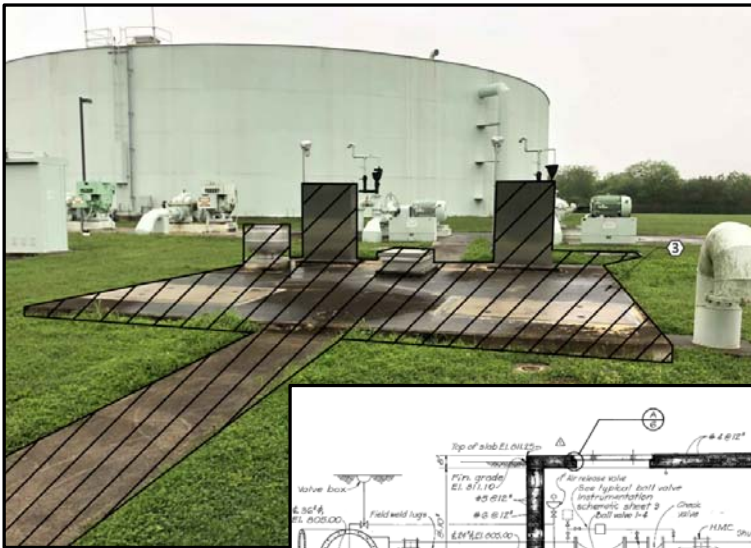


Exist. Chlorine System Facilities Demolition



Exist. Fluoride System Facilities Demolition

# Randolph Pump Station Photos



Exist. Discharge Valve Vault Demolition (Typ.)



Exist. Pump Station Pumps and Pad Demolition

# Randolph Pump Station Photos



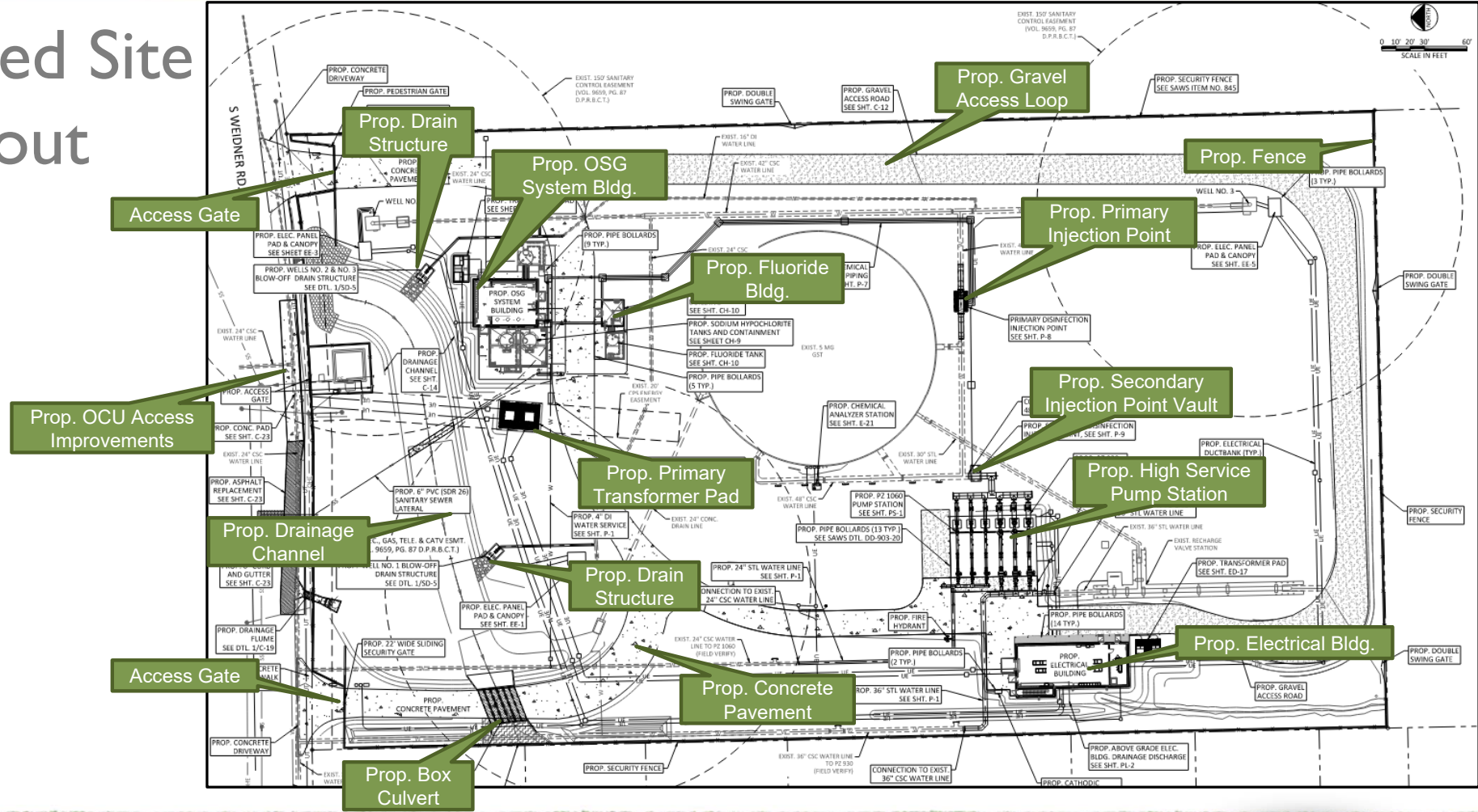
Exist. Switchgear and Vault Demolition



Exist. Electrical Building Demolition



# Proposed Site Layout



## Randolph Pump Station Improvements Project



# Construction Sequencing Requirements

Refer to Section 01 12 16 “Work Sequence” or Sheets C-8 and C-9 for additional requirements

- Randolph Pump Station must remain fully operational during construction
- PZ 930 pump station can be shut-down for up to 8 weeks
- PZ 1060 pump station can be shut-down for up to 24 hours
- Recharge Valve Station can be shut-down for 2 weeks
- Electrical conduits in conflict with proposed facilities shall be re-located prior to construction of proposed facilities
- Existing facilities shall be demolished once proposed facilities are fully operational

# Special Conditions

- **SC1.** A Geotechnical Data Report is available for informational purposes only. SAWS will require the execution of a SAWS disclaimer form by the Contractor as a condition of and prior to the release of the report.
- **SC2.** A Limited Asbestos Inspection Report is available for informational purposes only. SAWS will require the execution of a SAWS disclaimer form by the Contractor as a condition of and prior to the release of the report.
- **SC5.** Contractor to coordinate with adjacent property owners as necessary for construction.
- **SC6.** Contractor may follow the proposed construction sequencing plan indicated on Sheets C-8 and C-9. The Contractor shall submit an alternative sequence of construction (if different than proposed) in writing to the Owner and Engineer for approval.
- **SC7.** Contractor to obtain the services of a Pump Specialist to furnish new motors for the existing well pumps. Performance of well pumps shall be tested at existing conditions and at the completion of motor installation. A Pump Specialist is defined as a pump supplier representative that has previously supplied pumps of similar size, type, and duty for SAWS.

# 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.*

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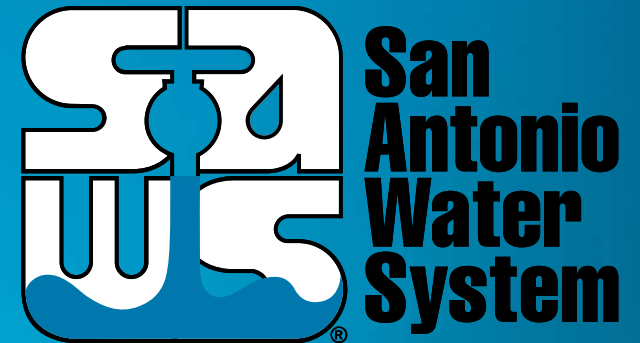
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MAKING SAN ANTONIO  
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