

Ranch Town No. 2 Pump Station Improvements Project

Solicitation No. CO-00599-LE

Lindsay Esquivel

Contract Administrator

Tracy Burns

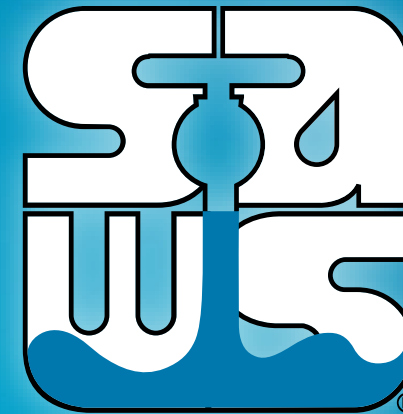
SMWVB Program Specialist

Edward Hayes, P.E.

Project Engineer

Elaiza Alvarez, P.E.

Design Consultant



**San
Antonio
Water
System**

Non-Mandatory Pre-Bid
Meeting

October 3, 2022

MAKING SAN ANTONIO
WATERFUL

The 'Waterful' logo features the word 'WATERFUL' in a bold, white, sans-serif font. A small, white, three-dimensional glass filled with blue water is positioned between the 'F' and 'L'. The background of the logo is a cross-section of a water pipe system, showing blue pipes and valves set within a brown soil layer.

Oral Statements

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.

Agenda

- General Information
- Non-Mandatory Site Visit
- SMWB Requirements
- Vendor Registration
- Contract Requirements
- Bid Packet Preparation
- Bid Opening Procedures
- Solicitation Schedule
- Reminders
- Project Overview
- Suggested Construction Sequencing
- Permitting
- Special Inspections
- Special Conditions
- Allowances
- Questions

General Information

- This is a Non-Mandatory pre-bid meeting
- Attendees should sign-in via chat on WebEx
- This presentation and the attendance sheet will be posted to the SAWWS website
- Key project information:
 - Construction duration is 650 calendar days
 - Estimated budget is \$7,000,000.00
- Construction services being procured through low bid
- Geotechnical data report available on the SAWWS website with the signing of an electronic disclaimer
- Environmental Study and Asbestos & Lead Base Paint Inspections Report are also available on the SAWWS website by signing an electronic disclaimer (Per Addendum No.1)

Non-Mandatory Site Visit

- There will be a Non-Mandatory site visit at 1:00 PM October 5, 2022 @ 12100 W. Apache Bluff #PUMP, Helotes, TX 78023
- Attendees **MUST**
 - **RSVP** no later than 2:00 PM on October 4, 2022, to Lindsay Esquivel via Lindsay.Esquivel@saws.org
 - The Request should include
 - Company name
 - Name(s) of attendees; **Limit** two (2) members per firm/contractor
 - ~~Request for a site visit time (addendum will be posted)~~
 - **Site Visit will begin at 1:00 PM, no individual appointments**
- **Submit** an email responding to Covid questions in Site Visit Procedures to Lindsay.Esquivel@saws.org no later than 10:00 AM on October 5, 2022

Aspirational SMWB Goal

Industry	Aspirational SMWB Goal
Construction	20%

The aspirational SMWB goal is 20% of your total bid price.

Minimum Qualifications for SMWB recognition:

- Certification from the South Central Texas Regional Certification Agency
 - Businesses must be SBE-Certified (including MBEs and WBEs)
 - Texas Historically Underutilized Business “HUB” also recognized
- Local office or local equipment yard

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: Outreach lists from the South Central Texas Regional Certification Agency are now Excel-exportable at www.sctrca.sctrca.org. If you are having trouble with the downloads, please email the SMWB Program Manager.
- **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 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 SMWB Program Manager at 210-233-3420, or at Marisol.Robles@saws.org. GFEP questions can be asked at any time before the submittal is due.

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>



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

Marisol V. Robles

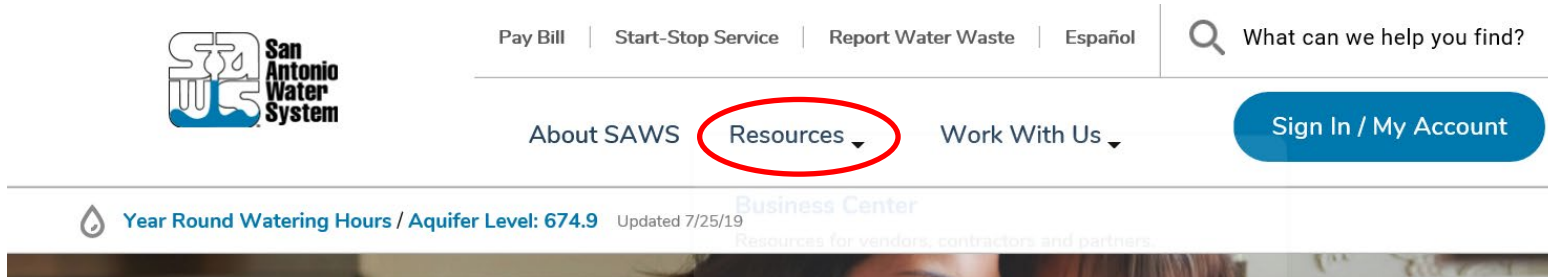
SMWVB Program Manager

Contracting Department

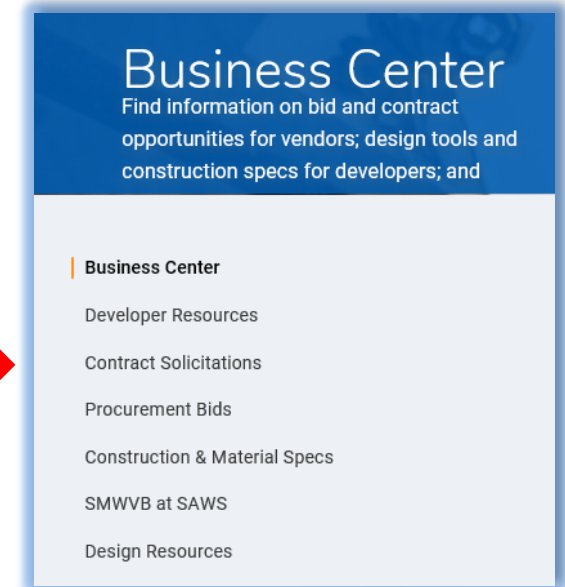
Email: Marisol.Robles@saws.org

Contract Solicitations Website – Recent Changes

- To locate the Contract Solicitations website, choose Resources



- Click on Business Center
- At the drop down menu choose Contract Solicitations



Contract Solicitations Website – Recent Changes

- Choose the specific project
- The following buttons are now located under the advertisement:
 - Notify Me
 - Plan Holder's List
 - Downloads
 - Plans
 - Specs
 - Addendums
 - Geotechnical Data Report



The screenshot shows a project advertisement for a "Non-Mandatory Pre-Bid Meeting" on August 6, 2019, at 10:00 AM. The location is San Antonio Water System Customer Service Building, 2800 U.S. Hwy 281 N, San Antonio, Texas 78212; Conference Room CR-C145. Below the meeting details are three main sections: "Notify Me" with a "Subscribe" button, "Plan Holders List" with a "View List" button, and "Downloads" which includes links for "Specifications" and "Plans", both dated Jul. 31, 2019, and both requiring login to access. Each download link has a PDF icon and a lock icon.

Vendor Registration & Notification (VRN)

- Please register through SAWS Vendor Registration Program on the SAWS website at www.saws.org to ensure access to the latest information.
- To receive updates on specific projects, registered vendors must 'Subscribe' to the project by selecting the project and clicking 'Subscribe' under the Notify Me box.

https://apps.saws.org/Business_Center/Contractsol/



Notify Me

Receive updates sent straight to your inbox.



Subscribe

Contract Requirements

Prevailing Wage Rate and Labor Standards – Section 2.10 of the General Conditions

- Certified payroll to be submitted on weekly basis including weeks in which work is not performed by noting as such
- Wage decisions are included within the specifications
- Contractors (and their subcontractors) shall utilize LCP Tracker
 - Site visits by SAWS staff 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
 - The Prime Contractor is responsible for sub-contractor payroll
 - Late payrolls may delay contractor payments, as well as release of retainage

Contract Requirements

- Insurance requirements for this project are found in Section 5.7 of the GCs
 - Installation Floater is required in lieu of Builder's Risk
- SAWWS will ask for insurance prior to Board award to expedite execution of the contract
 - Any deficiencies must be corrected prior to Board award
- Contractor's insurance must be compliant on all SAWWS projects, including this one, prior to executing the contract
- Contractor must maintain insurance coverage during term of construction of this Project

Contract Requirements

- The Contractor shall perform the Work with its own organization on at least 40% of the total original contract price to be confirmed by inserting the percentage performed by the Bidder on page I of the Good Faith Effort Plan.
- Liquidated Damages are \$650.00 per day.

Bid Packet Preparation

- Utilize the Bid Packet Checklist within the specifications which identifies:
 - Items due with the bid, and
 - Items to be submitted upon request by SAWS from the Apparent Low Bidder within one (1) day of the bid opening, which include:
 - Conflict of Interest Questionnaire
 - Proof of Insurability (Letter from Insurer or Sample Certificate of Insurance)
 - Company Information Packet
 - Statement Regarding Ability to Complete the Project
 - W-9
 - Statement of Bidder's Experience forms
 - Schedule of Manufactures and Suppliers for Major Equipment
 - Detailed Baseline Schedule with **NTP of 12/13/2022**
- Addendums are acknowledged on the signed Bid Proposal
- Double check all mathematical calculations and verify all extensions for each of the line items
- Ensure Mobilization and Demobilization **does not exceed 8% of Line Items 1-7**

Bid Packet Preparation (cont.)

- Bidder shall ensure that the 3 projects submitted on the Statement of Bidder's Experience forms:
 - Contain new construction or upgrades of pump station facilities of similar size, scope, and complexity by using the check boxes on the SBE forms
 - A-1 and A-2 must be completed by the Prime Contractor
 - Demonstrates New Construction or Upgrades of Pump Station Facilities of similar size, scope, and complexity.
 - Scope must include all Major Components: Pumps, piping, valves, Electrical, Instrumentation and controls (I&C), security network, site/civil improvements, SCADA work, and coordination with subcontractor trades/disciplines.
- Completed within the last 15 years
 - Indicate Owner references (entity bidder contracted with)
 - Verifiable with up-to-date contact information for the Owner reference provided
- Failure to complete the forms properly may result in the bid being found non-responsive

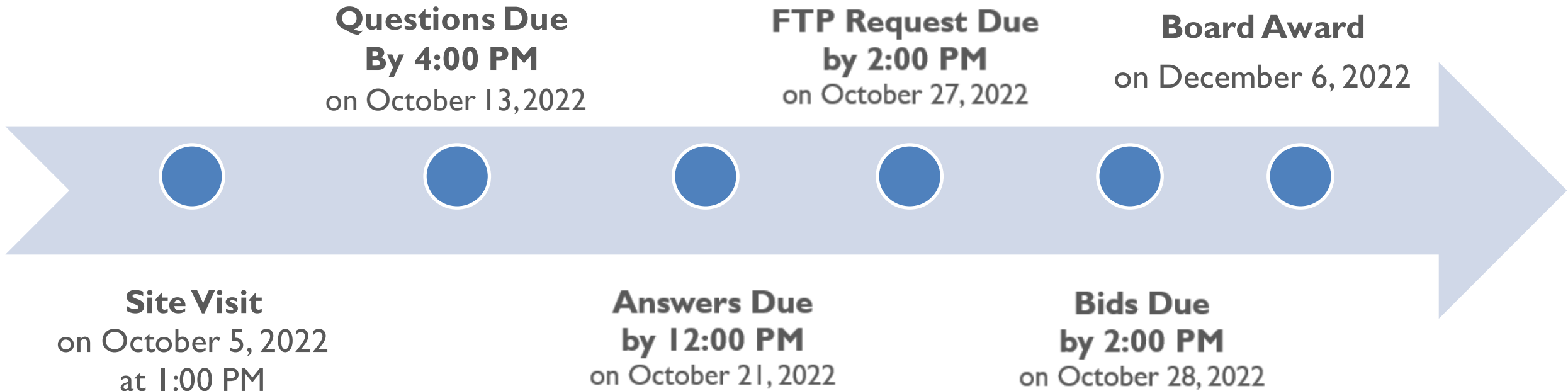
Bid Packet Preparation (cont.)

- Bidder shall ensure that the A-3 project submitted on the Statement of Bidder's Experience form includes the following:
 - A-3 may be completed by the Prime Contractor or Sub Contractor
 - Includes new building constructed of precast concrete panels associated with a water, wastewater, or recycle water facility with all associated work.
 - Includes all of the following major components performed by either the bidder or bidder's subcontractor: structural/architectural, mechanical/HVAC, electrical, lighting, Instrumentation and Controls (I&C), and network security.
 - Completed within the last 15 years
 - Indicate Owner references (entity bidder contracted with)
 - Verifiable with up-to-date contact information for the Owner reference provided
- Failure to complete the forms properly may result in the bid being found non-responsive

Bid Opening Procedures

- SAWS has implemented the following procedures for the submission of bids.
 - Bids will be received either Electronically or through Sealed bids.
- **Electronic** bids will be received via the secure SAWS FTP site.
- **Sealed** bids will be received by Contract Administration, 2800 U.S. Hwy 281 North, Tower II, Customer Center Building, via a black drop box located on the left wall when walking through the first set of double glass doors of the main Tower II entry on the north side of the building.
- If bids will be delivered in person, Bidders should allow sufficient travel time.
- Late bids will not be accepted and will be returned and not opened.

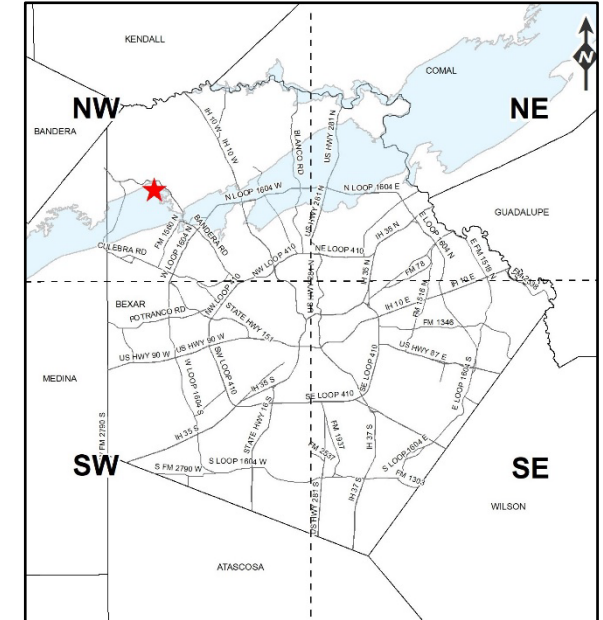
Solicitation Schedule



Reminders

- All questions should be sent in writing via email by the deadline to Lindsay.Esquivel@saws.org.
- Please identify the project by **Ranch Town No. 2 Pump Station Improvement Project, Solicitation No. CO-00599-LE**
- Please be advised that Bidders are prohibited from communicating with any other SAWS staff, the Consultant, the Developer, or City of San Antonio officials regarding this IFB up until the contract is awarded as outlined in the Instructions to Bidders.

Project Location

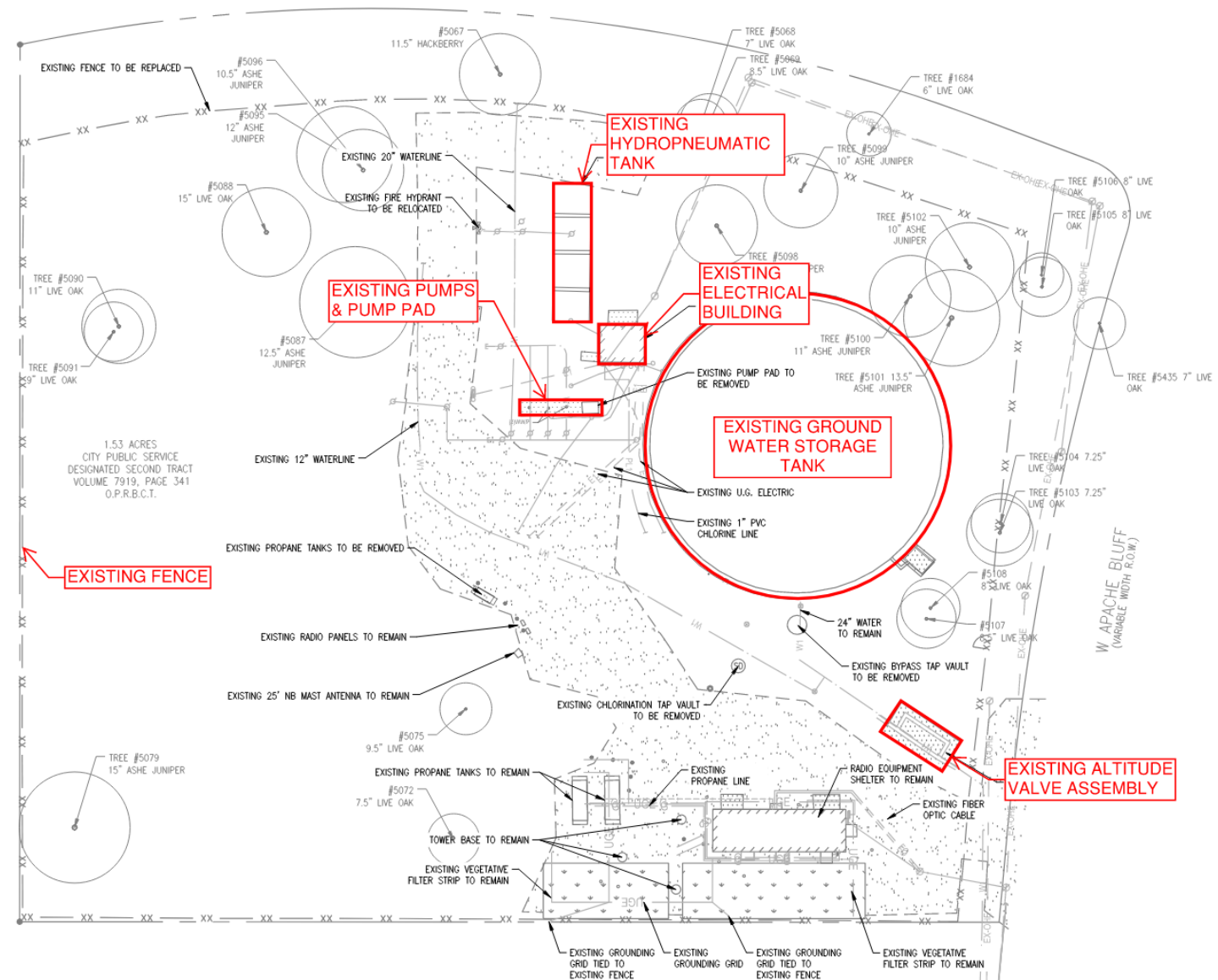


Address:

12100 W. Apache Bluff #PUMP,
Helotes, TX 78023

Existing Site Layout

- Install SWPPP erosion control measures
- Tree protection and removal
- Demolition of existing pump station, hydropneumatic tank, and electrical building upon testing and acceptance of new pump station

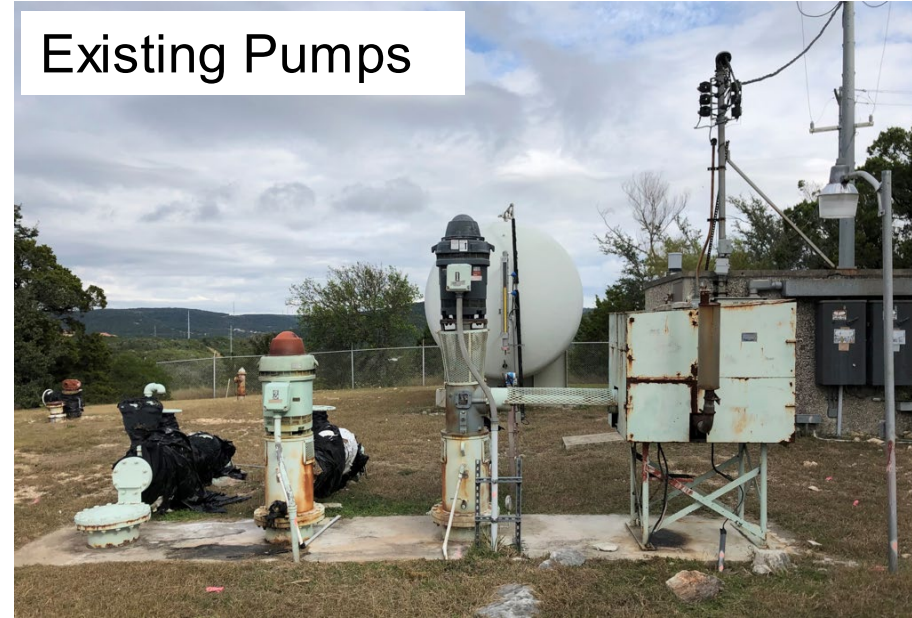


Existing Site Photos

Existing HP tank and electrical building



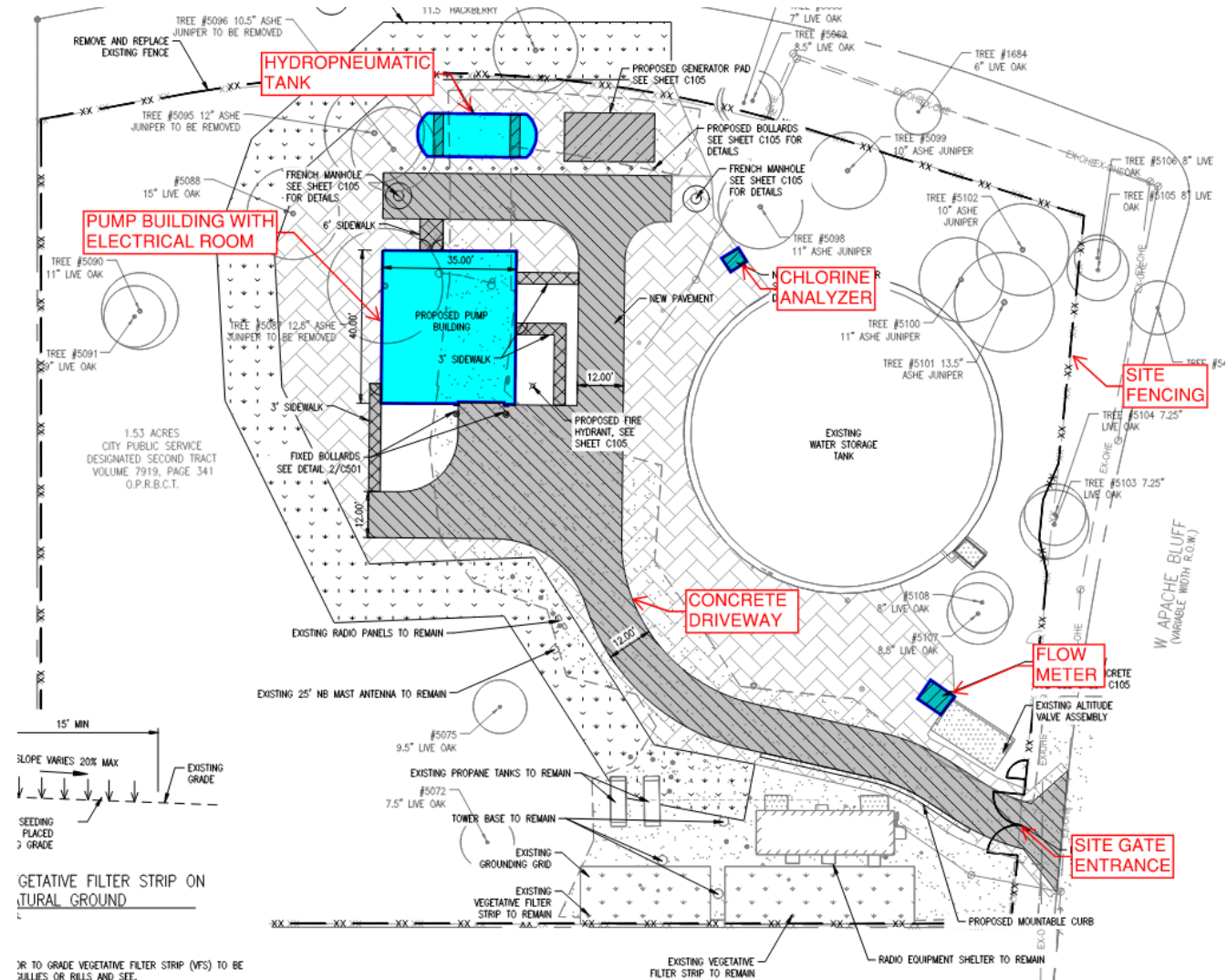
Existing Pumps



Existing Alt. Valve Assembly

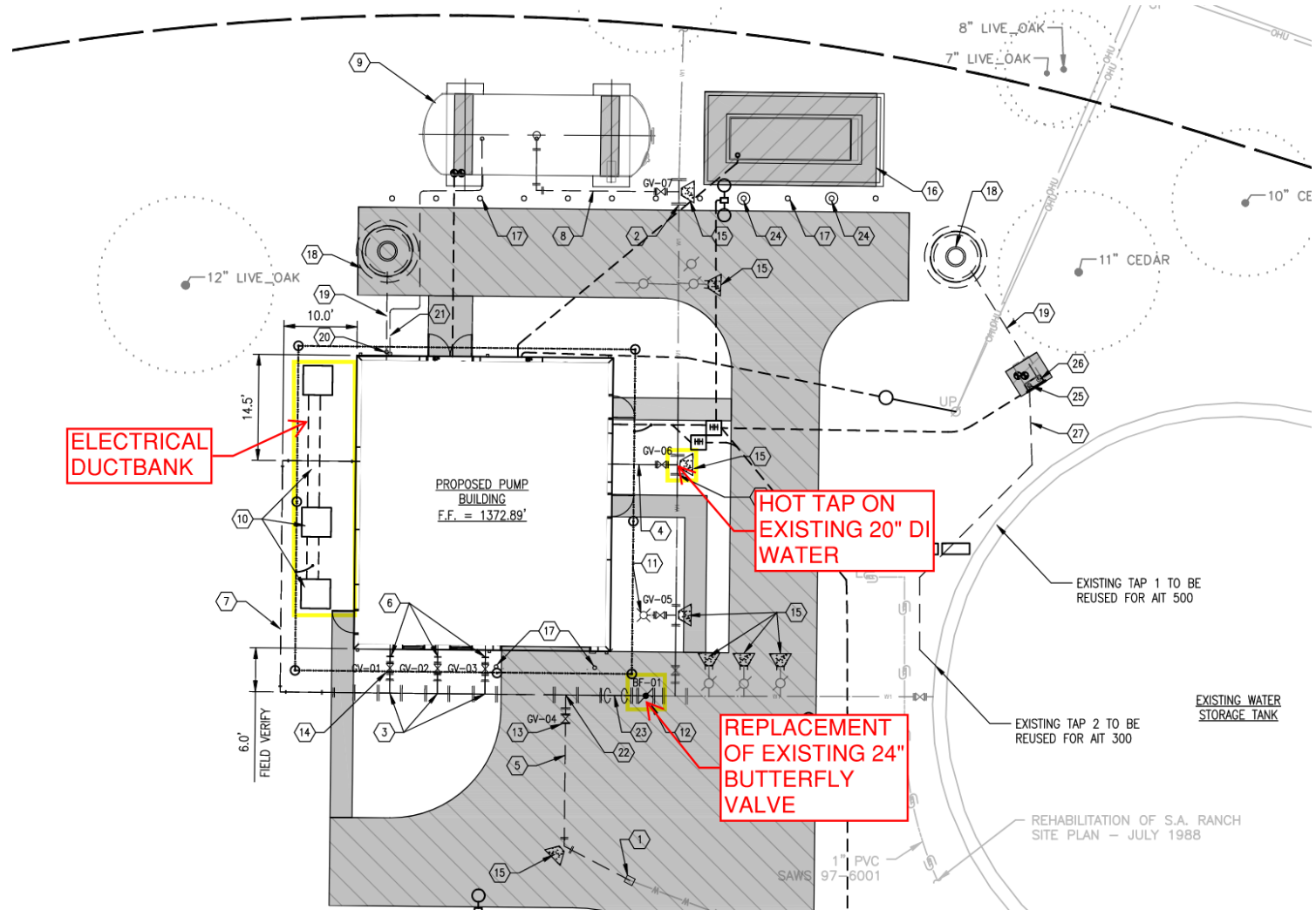
Proposed Improvements

- Three (3) new vertical turbine canned pumps; (1) 1,000 gpm, (2) 150 gpm
- 20,000-gallon hydropneumatic tank with air compressor
- Precast Concrete Pump Station Building to house pumps and electrical
- New 480V motor control center and electrical system
- Instrumentation & Controls, Site Security
- New flow meter and chlorine analyzer
- Civil Improvements:
 - Removal and Replacement of Site Fencing
 - Concrete Driveway
 - Fire Protection Plan
 - Site Grading, bollards, lighting, restoration.



Proposed Improvements

- Installation of 12" Ductile Iron (DI) water main and hot tap on 20" DI
- Replacement of Exist. 24" Butterfly Valve – Critical Water Main Shutdown. Max out of service (4 hr)
- Installation of electrical ductbank around new building



Suggested Construction Sequencing

- Contractor shall coordinate with SAWS to ensure that SAWS operation of the existing pump station operation is **maintained throughout construction**
- Both the existing and new pump stations may be terminated and powered from existing transformer in parallel
- Contractor to consider step load the pumps starting with the largest to smallest



PHASE 1: SWPPP, TREE PROTECTION & REMOVAL, DEMOLISH EXIST. PIPING UNDER NEW BUILDING



PHASE 2: INSTALL PRECAST PUMP BUILDING, HP TANK, GENERATOR, BUILDING ELECTRICAL/MECHANICAL/I&C, PUMPS AND PIPING, CHLORINE ANALYZER WITH FRENCH MANHOLES, FLOW METER; MAKE HOT-TAP CONNECTIONS, DISINFECTION, STARTUP AND COMMISSIONING OF NEW PUMP STATION.



PHASE 3: UPON SAWS ACCEPTANCE OF NEW PUMP STATION, DEMOLISH EXISTING PUMP STATION, HP TANK, ELECTRICAL BUILDING, FENCING (SEE SHEET C103), INSTALL NEW PERIMETER FENCING AND GATE.



PHASE 4: SITE IMPROVEMENTS; FINISH OUT SITE LIGHTING AND SECURITY, INSTALL NEW CONCRETE DRIVEWAY, SIDEWALK, BOLLARDS, FINISH GRADING AND SITE RESTORATION.

Permitting

- TCEQ WPAP Modification Approval and included in Specifications under Section 01 57 00 – Contractor to follow all requirements
- Post Construction Storm Water Control Measures
- Bexar County Building Permit – Approved and permits obtained
- City of Helotes Tree Permit obtained

Special Inspections

- Coordination on behalf of the Contractor will be required for the required Special Inspections in accordance with 2015 IBC
 - i.e. steel and concrete construction, soils, fabricated items, wind resistance and any other associated required special inspections
 - See Spec Section 01 40 00
- Bid Item 7 (LS) to include associated cost for supporting all requirements of the Special Inspections program and coordinating with the testing agency
- Special inspections are in addition to the quality inspections performed and provided by the Contractor. Special Inspections do not take the place of any of the Contractor's inspection or testing activities

Special Conditions

SCI: A Geotechnical Data Report (GDR), Environmental Study, and Asbestos/Lead testing have been developed for SAWS on this project and are made available for Contractors for informational purposes only. Contractor to execute a SAWS disclaimer form to release these reports **(via Addendum No. 1)**

SC4: The Contractor shall ensure that the existing pump station is to remain in operation throughout the construction phase and demolish only after the new pump station is in service and accepted by SAWS

SC8: Golden Cheeked Warbler (GCW) habitat and subsequent restrictions - tree removal, trimming or pruning or any activity involving tree disturbance is prohibited from March 1 – August 31 during the nesting season for the GCW per USFWS

Allowances

- Bid Item 8: Pre-Startup/Commissioning Construction Items
- Bid Item 9: Subsurface Utility Location – If needed for identification of underground utilities including but not limited to the AARRS radio tower existing grounding grid
- Bid Item 10: Permitting Fees – As necessary
- Bid Item 11: CPS Energy Allowance – CPS fees associated with new meter pole installation

Questions

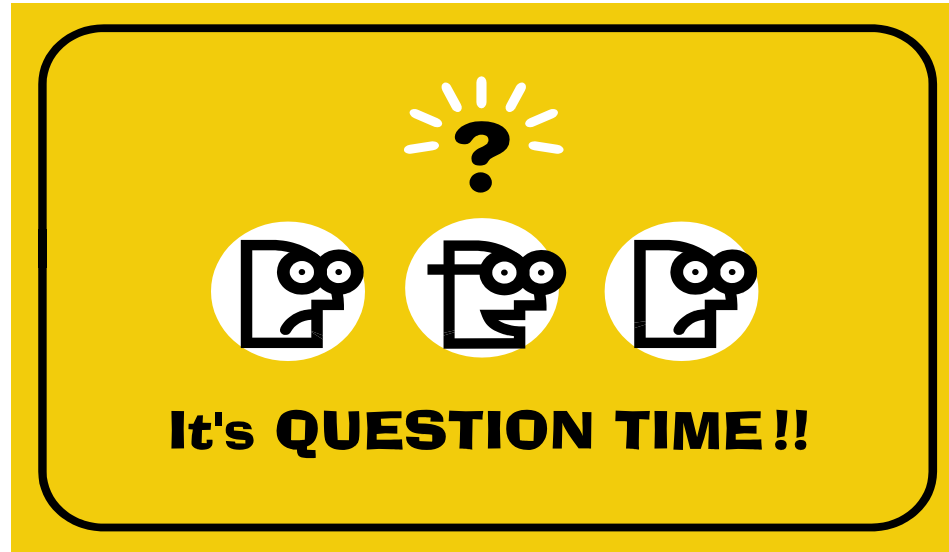
Must be submitted in writing by October 13, 2022, by 4:00 P.M.
via e-mail to:

Lindsay Esquivel

Contract Administration Department

San Antonio Water System

Lindsay.Esquivel@saws.org



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