

# East Houston St. Pump Station Disinfection

## System Upgrades

CO-00546

Lee Bausinger, P.E.

Project Engineer

Susan Rodriguez

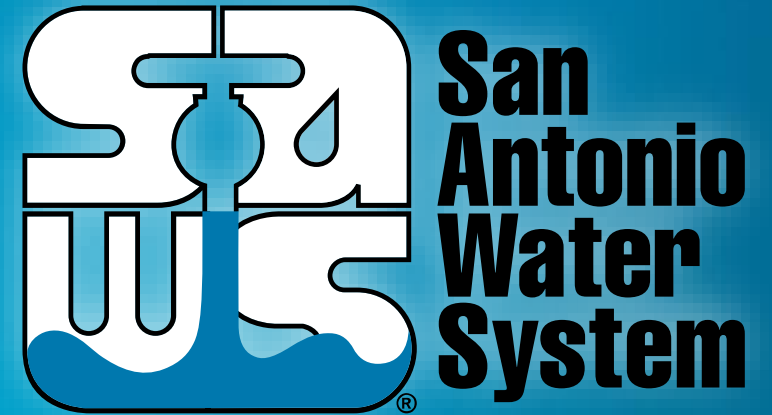
Contract Administrator

Marisol V. Robles

SMWVB Program Manager, SAWS

Ted Stawasz, P.E.

CP&Y, Inc.



Non- Mandatory Pre-Bid Meeting

August 16, 2022– 11:00 AM

MAKING SAN ANTONIO  
**WATERFUL**



# 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
- SMWB Requirements
- Contract Solicitation Website – Recent Changes
- Vendor Registration
- Key Reminders
- IFB Schedule
- Bid Packet Preparation
- Statement of Bidder's Experience
- Contract Requirements
- Supplemental Conditions
- Special Conditions
- Project Overview

# 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 SAWS website
- Key project information for East Houston St. Pump Station Disinfection System Upgrades:
  - Construction duration is 450 days
  - Construction estimate \$2,900,000.00
- Construction services being procured through IFB



# 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**
  - Atascosa, Bandera, Bexar, Comal, Frio, Guadalupe, Kendall, Kerr, McMullen, Medina, Uvalde and Wilson

# 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](http://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](mailto: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>



San Antonio Water System

OUR MAIN SITE CONTACT SUPPORT

## Subcontractor Payment & Utilization Reporting System

Log In

**System Training**  
Learn how to fully utilize our system with a live trainer  
Training

**About the System**  
Learn more about this system and how it works today  
Information for Vendors

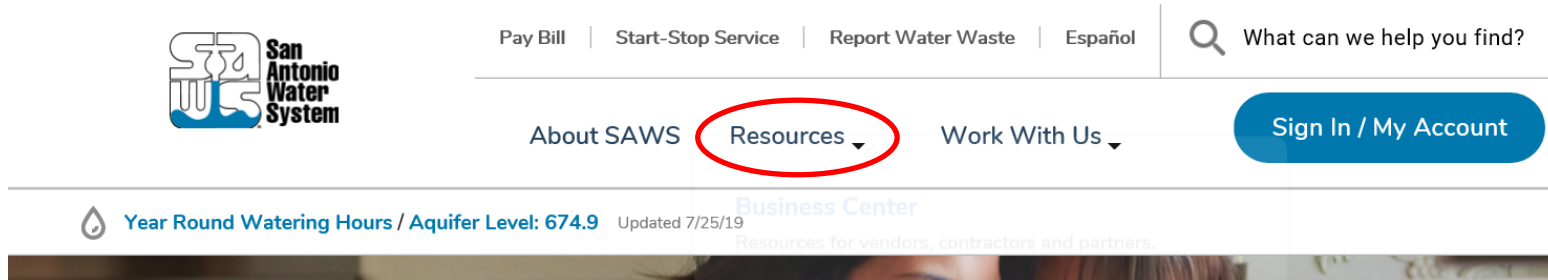
**Account Access**  
Lookup Vendor accounts or reset user passwords  
Account Lookup  
Forgot Password

The Subcontractor Payment & Utilization Reporting System is powered by B2Gnow Software © Copyright 2018.



# Contract Solicitations Website – Recent Changes

- To locate the Contract Solicitations website choose Resources



- 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 displays a project advertisement for a "Non-Mandatory Pre-Bid Meeting" on August 6, 2019. The advertisement includes a calendar icon with the number 31, a megaphone icon for "Notify Me", and a group of people icon for "Plan Holders List". Below the meeting details, there are three blue buttons: "Subscribe", "View List", and "View List".

**Non-Mandatory Pre-Bid Meeting**  
10:00 AM, Tuesday Aug. 6, 2019  
San Antonio Water System Customer Service Building, 2800 U.S. Hwy 281 N, San Antonio, Texas 78212; Conference Room CR-C145

**Notify Me**  
Receive updates sent straight to your inbox.

**Plan Holders List**  
View plan holders list.

**Downloads**

**Specifications**  
Jul. 31, 2019  
Note: You must be logged in to access this document.

**Plans**  
Jul. 31, 2019  
Note: You must be logged in to access this document.

# Vendor Registration & Notification (VRN)

- Please register through SAWS 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 must 'Subscribe' to the project by selecting the project and clicking 'Subscribe' under the Notify Me box.

[https://apps.saws.org/Business\\_Center/Contractsol/](https://apps.saws.org/Business_Center/Contractsol/)



Notify Me

Receive updates sent straight to your inbox.



Subscribe



# Key Reminders

- All questions should be sent in writing to the corresponding Contract Administrator by email or fax.
- Please identify the project by its associated solicitation number.
- Contractors should not contact the SAWWS project engineer, or any other SAWWS staff up until Board award.
- Late bids will not be accepted and will be returned unopened.
- Due to the COVID-19 emergency and to protect the health of the public, SAWWS is implementing new procedures for the submission of bids.
- Bids will be received either Electronically or through Sealed bids.
- Electronic bids will be received via the secure SAWWS FTP site.
- Sealed bids will be received by Contract Administration, 2800 U.S. Hwy 281 North, Tower II, Customer Center Building, via a 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 to SAWWS, Bidders should allow sufficient travel time.

# IFB Schedule

## Questions Due

Tuesday – August 23, 2022  
4:00 pm

## Bids Due

September 1, 2022 – 10:00 am

## Answers Posted

Thursday – August 25,  
2022  
4:00 pm

## Board Award

September 2022



# Bid Packet Preparation

- Utilize the Bid Packet Checklist within the specifications
- Double check all mathematical calculations and verify all extensions
- Addendums are acknowledged on the Bid Proposal
- Ensure Mobilization & Prep ROW Line Item does not exceed the percentage allowed
- References and contact information must be verified prior to submitting bid



# Statement of Bidder's Experience

- Bidder shall ensure that the 3 projects submitted on the Statement of Bidder's Experience form are:
  - Of similar size and scope as indicated on the check boxes
  - A-1, A-2, and A-3 to have been completed by the Bidder (submitting contractor)
  - Performed between within the last 10 years
  - Owner references (entity bidder contracted with)
  - Verifiable with up-to-date contact information for the Owner
- Failure to complete the form properly may result in the bid being found non-responsive.

# Contract Requirements

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

- Certified payroll to be submitted on weekly basis
- 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 delay contractor payments from SAWWS

# Contract Requirements

## Supplemental Conditions

- Insurance requirements are found in Section 5.7 of the GCs
  - Installation Floater coverage is required in lieu of Builder's Risk insurance
  - Maintain insurance coverage during the construction of this Project
- Compliant prior to executing the contract
- Will ask for insurance prior to Board award to expedite execution of the contract
  - Any deficiencies must be corrected prior to Board award



# 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.

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

- Liquidated damages will be assessed at \$700.00 per day

# Contact Information

<u>Contact Name</u>	<u>Title</u>	<u>Telephone Number</u>	<u>Email address</u>
Susan Rodriguez	Contract Administrator	210-233-3070	<a href="mailto:Susan.Rodriguez@saws.org">Susan.Rodriguez@saws.org</a>
Marisol V. Robles	SMWVB Program Manager	210-233-3420	<a href="mailto:Marisol.Robles@saws.org">Marisol.Robles@saws.org</a>

# Project Overview

- Installation of a bulk sodium hypochlorite disinfection system
- Construction of a concrete foundation slab and stainless-steel canopy
- Site civil work including a new manhole and installation of an injection quill
- New electrical equipment and duct banks
- New piping and connections to existing water and sewer systems
- Installation of a new fence, entrance gate, and gate controller
- Site grading and pavement
- Demolition of existing chlorine injection system and electrical components

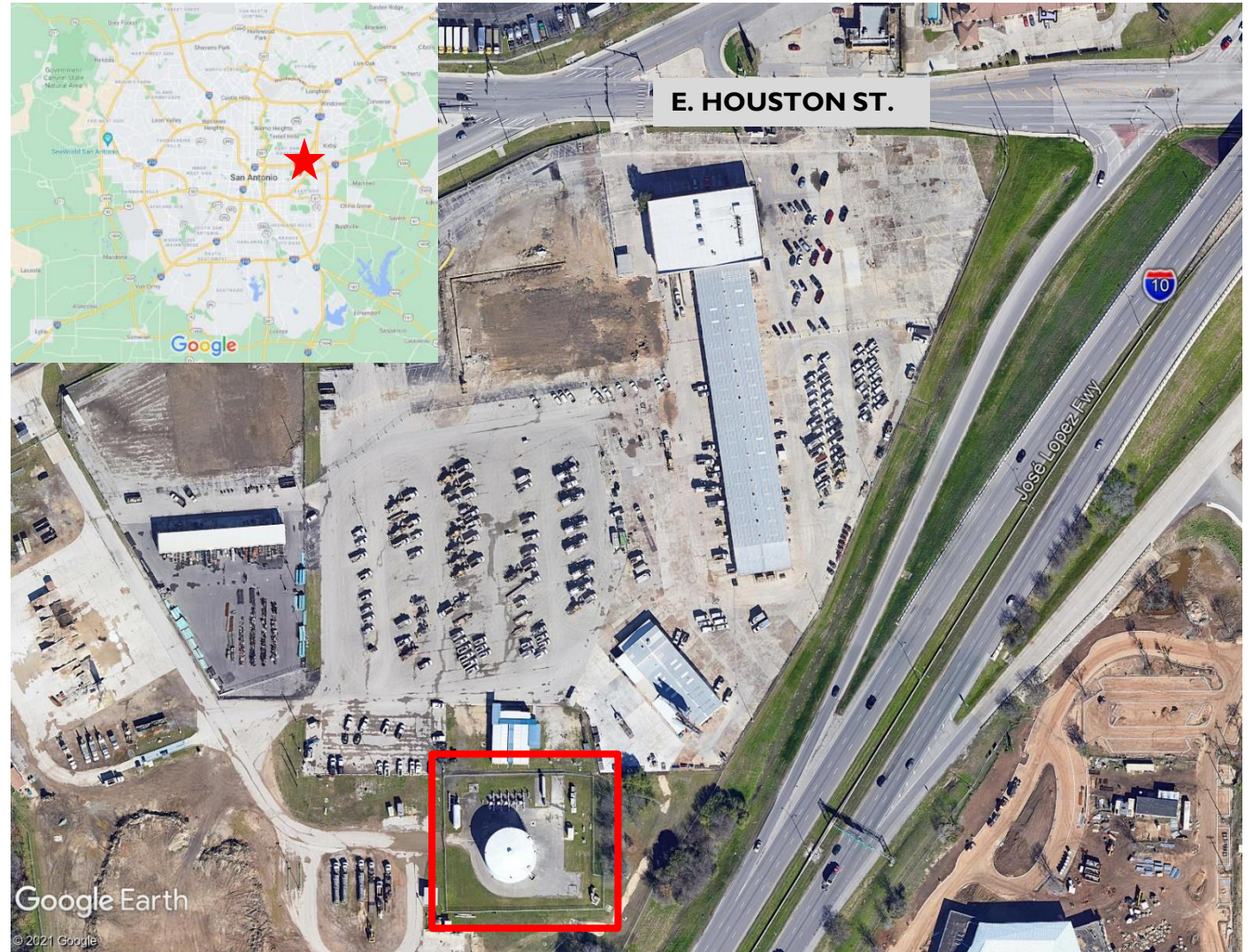


# Project Location Map

## Location Map

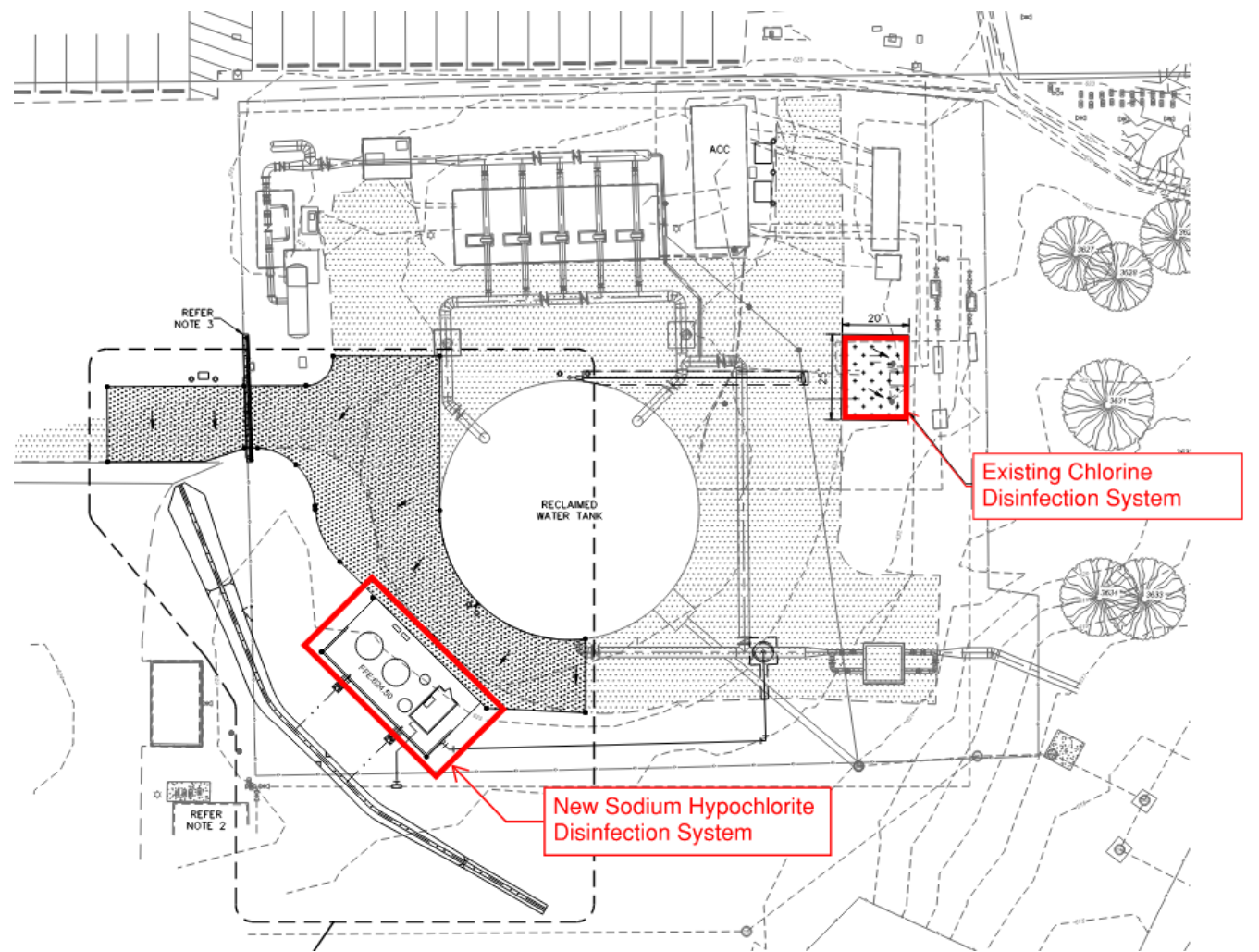
**San Antonio Water System Eastside Operations Center**

3934 East Houston Street, San Antonio, Texas 78220





# Project Site



# Project Overview - Civil

- Contractor Staging – Coordinate with SAWS Eastside Service Center
- SWPPP – 479' Silt Control Fence
- Demolition
- Yard Piping
  - 22' 2-inch Potable Water
  - 126' ¾-inch Sodium Hypochlorite (NaOCL)
    - Manhole with Injection Quill
    - 10' 1-inch Sample Line
    - 150' 3-inch Sanitary Sewer Line
- Paving and Grading
- Cantilever Slide Gate
- Pipe Bollards
- Site Restoration

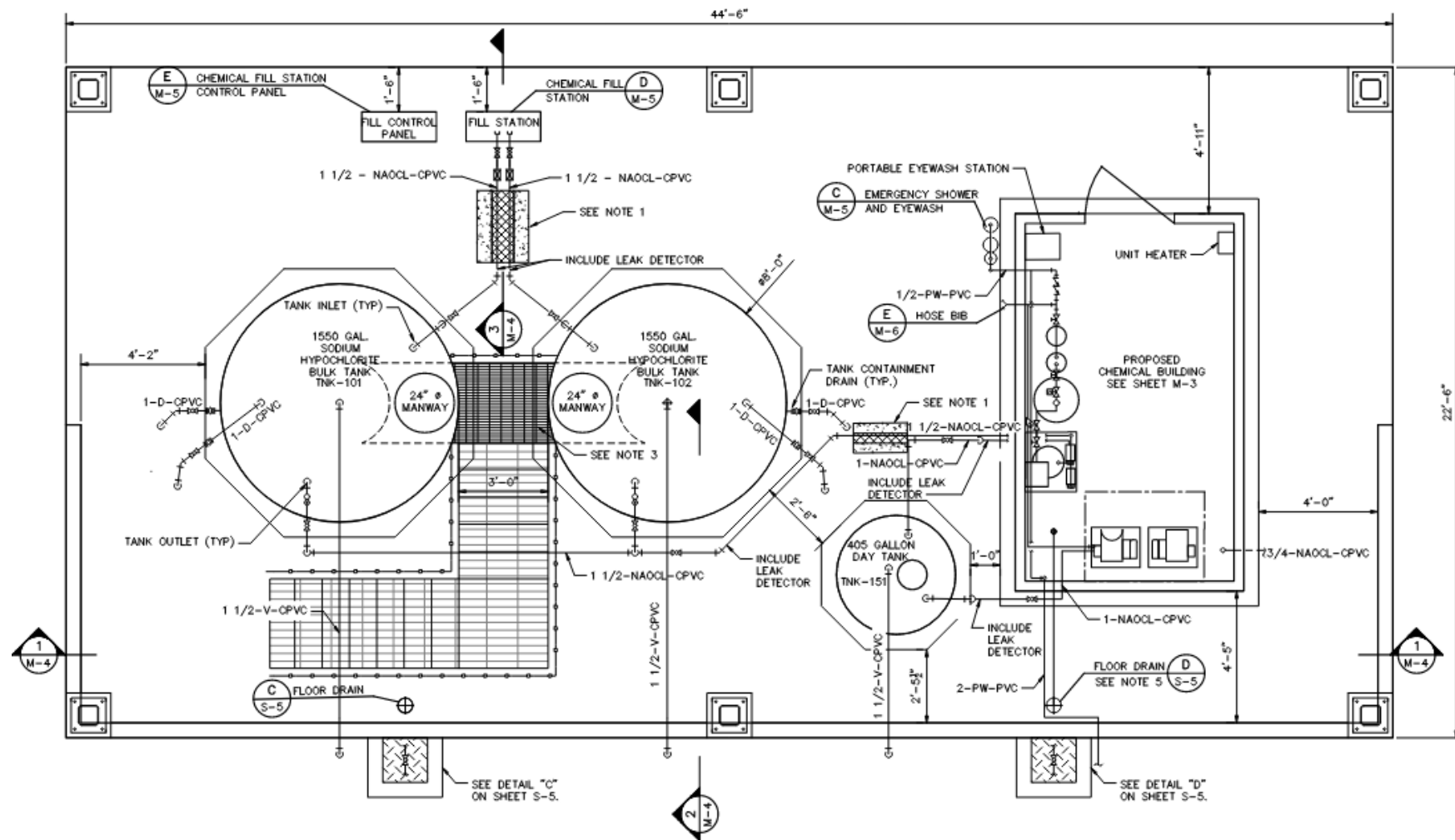
# Project Overview – Mechanical

- Demolition of existing gaseous chlorine injection system.
- Installation of a concrete slab foundation, tank access ladders, stainless steel canopy, and prefabricated FRP building.
- Sodium Hypochlorite System
  - Two (2) bulk sodium hypochlorite storage tanks
  - Day tank
  - Water softener
  - Dilution system
  - Peristaltic chemical metering pumps
  - Portable eye wash and water quality analyzer



# Project Overview

- Hypochlorite facility





# Project Overview – Electrical and I&C

- Demolish transformer and breakers feeding existing 120V Panelboard
- Demolish existing chemical facility and all associated electrical
- Upsize transformer to 75 kVA and provide new feed to existing Panelboard
- New transformer will be installed outside of the switchgear
- Install separate power and communications ductbanks and handholes to the new Hypochlorite facility
- Install new power and controls ductbank to the motorized entry slide gate

# Project Overview – Electrical and I&C

- Install new security panel in Hypochlorite facility and site cameras
- Install new PLC at new facility
- Tie to existing SCADA and security system as per SAWWS standards and design
- SAWWS is performing work in-house on broadband system and fiber – contractor to coordinate

# Project Overview

## Special Conditions

- **SC1.** A Geotechnical Data Report (GDR) has been developed for SAWS on this project and will be made available for Contractors for informational purposes only
- **SC2.** All communication from the OWNER's Construction Inspector to the CONTRACTOR shall be through the CONTRACTOR's Project Manager and/or Superintendent. Communication to/from the CONTRACTOR's subcontractors shall be routed to the OWNER's Construction Inspector through the CONTRACTOR. Contact information for the OWNER's Construction Inspector and the CONTRACTOR will be provided at the pre-construction conference
- **SC3.** The CONTRACTOR shall verify the completeness and operational and functional performance of all the systems and their sub-systems included in this project for compliance with the "design intent" as outlined in the contract documents beginning at the pre-startup and following through the start-up and commissioning phase

# Project Overview

## Special Conditions

- **SC4.** The CONTRACTOR is solely responsible for obtaining all necessary permits, notifications, and inspections. The CONTRACTOR shall be solely responsible for applying and securing the permits, sending notifications to the relevant agencies/authorities and requesting inspections in a timely manner as to not cause any delays in the construction duration
- **SC5.** The Contractor shall direct any and all questions from the public or media regarding the project to Byron Gipson with SAWS at (210) 233-2977. Contractor shall coordinate with SAWS COI and the SAWS COI will coordinate with the public relations contact person to provide a response to public inquiries



# Project Overview

## Special Conditions

- **SC6.** Once awarded the Contractor may submit any submittal for review by SAWS and the Consultant prior to NTP but not prior to Board award of construction contract. Items having a long lead time (including but not limited to 75 kVA transformer, Control System for the entrance gate opener, the dilution system, and peristaltic pumps, etc.) shall be submitted for review within 30 days of NTP to ensure the Contractor can promptly order the items and closely reflect the provided price proposal. It is the Contractor's responsibility to ensure ample time between product delivery and project completion. No additional days will be provided due to product delivery delays due to Contractor not promptly ordering material
- **SC7.** The existing facility must remain in service and operational during construction. Due to operations SAWS personnel must be able to access the site at any time

# Project Overview

## Supplemental Conditions

- Instructions to Bidders (IB) (Section 24)
- Article IV – Contract Administration (Section 4.4, Section 4.6.2.1, & Section 4.9.2)
- Article V – Contract Responsibilities (Section 5.13.5)
- Article VI – Contract Changes (Section 6.4 & Section 6.6)
- Article VIII – Contract Completion Time (Section 8.6)

# 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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