

Steven M. Clouse Water Recycling Center Second Stage Aeration Basin Diffuser Grid Repairs Project Solicitation No. CO-00675

Lindsay Esquivel

Contract Administrator

Susan Rodriguez

SMWB Program Specialist

Erik Eckols, P.E.

Project Engineer II

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Weston Solutions, Inc.

Non-Mandatory Pre-Bid

Meeting

July 28, 2023

Aaron Bentley, P.E.

Weston Solutions, Inc



**San
Antonio
Water
System**

MAKING SAN ANTONIO
WATERFUL



Oral Statements

Oral statements or discussions during this Non-Mandatory 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 Site
- Vendor Registration
- Contract Requirements
- Bid Packet Preparation
- IFB Schedule
- Bid Opening Procedures
- Reminders
- Project Location
- Project Overview
- Construction Sequencing
- Air Diffuser Grid Repairs
- Post Construction Testing
- Questions

General Information

- This is a Non-Mandatory Pre-bid meeting
- Attendees should sign-in
- This presentation and the attendance sheet will be posted to the SAWWS website
- Key project information:
 - Construction duration is 365 calendar days
 - Estimated budget is \$ 3,500,000.00
- Construction services being procured through low bid

Aspirational SMWB Goal

Industry	Aspirational SMWB Goal
Construction	21%

The aspirational SMWB goal is 21% of your total bid price.

Minimum Qualifications for SMWB recognition:

- South Central Texas Regional Certification Agency
 - Must be SBE-Certified (including MBEs and WBEs)
 - Texas Historically Underutilized Business “HUB” Program
- Local Office or Local Equipment Yard
 - Bexar, Comal, Guadalupe, Hays, Kendall, Travis, and Williamson counties

Good Faith Effort Plan (GFEP) FAQs

- **Q: Is the 21% 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 (different than LCP tracker)

<https://saws.smwbe.com>

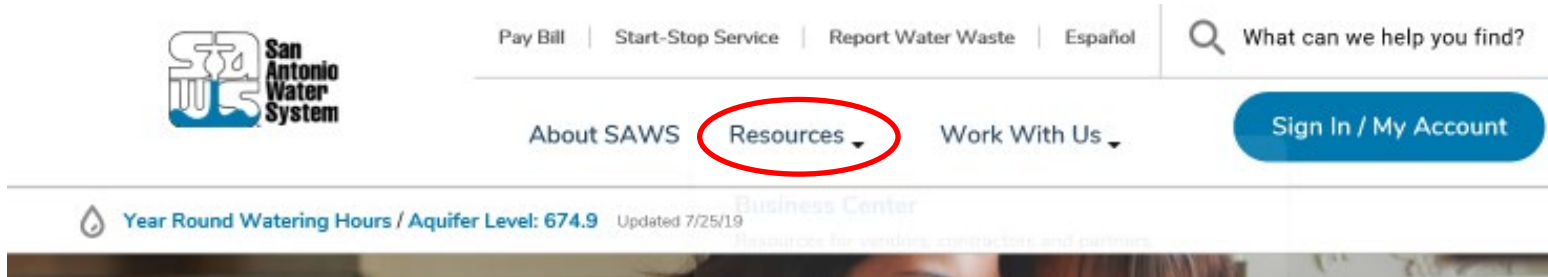


- Questions related to SMWB participation, completion of the Good Faith Effort Plan (GFEP), or SMWB scoring may be directed to SMWB staff until the IFB is due.

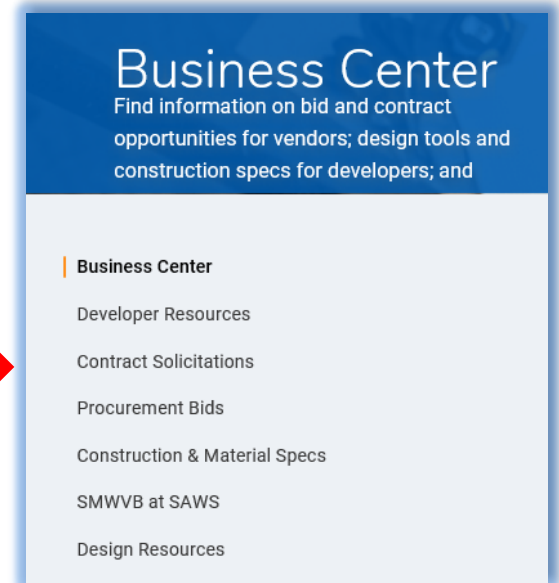
Email: SMWB@saws.org

Contract Solicitations Website

- To locate the Contract Solicitations website, choose Resources



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



Contract Solicitations Website

- 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 website interface for a project. At the top, there are three main sections: a meeting announcement, a 'Notify Me' subscription button, and a 'Plan Holders List' button. Below these is a 'Downloads' section with three entries: 'Specifications', 'Plans', and 'Report', each with a date and a note about login requirements. A red arrow points from the 'Notify Me' button in the list to the 'Downloads' section in the screenshot.

Non-Mandatory Pre-Submittal Meeting
2:00 PM, Wednesday Jun. 21, 2023
Webex: <https://saws.webex.com> Meeting number (access code): 2484 367 6780 Meeting password: CO-00653 Join by Phone: +1-469-210-7159 United States Toll (Dallas) +1-408-418-9388 United States Toll 210-233-2090 Local Only

Notify Me
Receive updates sent straight to your inbox.
[Subscribe](#)

Plan Holders List
View plan holders list.
[View List](#)

Downloads

Specifications
Jun. 9, 2023
Note: You must be logged in to access this document.

Plans
Jun. 9, 2023
Note: You must be logged in to access this document.

Report
Jun 9, 2023
Note: You will be prompted to login to access this document.

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 (Be familiar with SAWS Holidays)
- 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
 - Pollution and Installation Floater is required in lieu of Builder's Risk
- SAWS 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 SAWS 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 \$800.00 per day.

Bid Packet Preparation

- Utilize the Bid Packet Checklist within the specifications which identifies:
 - Items due with the bid
 - List of Bid Items
 - Double check all mathematical calculations and verify all extensions for each of the line items
 - Ensure Mobilization and Demobilization **does not exceed 10% of Line Items 1-4**
 - Signed Bid Proposal Signature Page
 - Acknowledgement of ALL addendums and Executive Order
 - Bid Packet Checklist (all boxes checked)
 - Signed Proposal Certification
 - Bid Bond
 - Good Faith Effort Plan

Bid Packet Preparation (Cont.)

- 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 – Form CIQ
 - Proof of Insurability (Letter from Insurer or Sample Certificate of Insurance)
 - Company Information Packet
 - Statement Regarding Ability to Complete the Project
 - W-9
 - Bidder shall provide 3 similar completed projects that meet the following criteria:
 - Similar in scope
 - Completed within the last 5 years
 - Indicate Owner references (entity bidder contracted with)
 - Verifiable with up-to-date contact information for the Owner reference provided
 - Detailed Baseline Schedule
 - *And, if bid was submitted electronically without a Bid Bond:
 - Cashier's Check or Certified Check
- Failure to complete the forms properly may result in the bid being found non-responsive

IFB Schedule

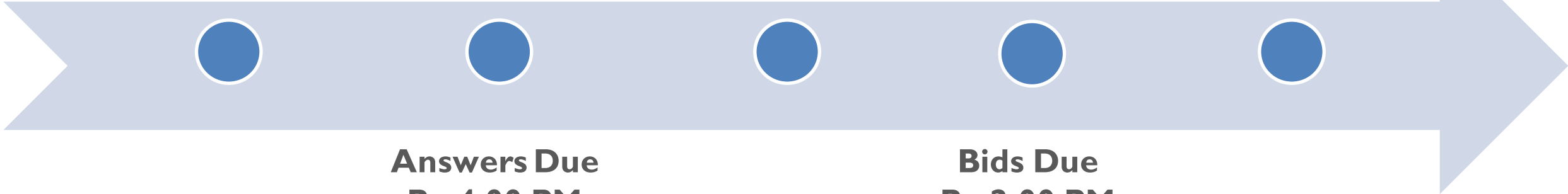
Questions Due
By 4:00 PM
on July 31, 2023

FTP request Due
By 2:00 PM
on August 11, 2023

Board Award
On September 12, 2023

Answers Due
By 4:00 PM
on August 7, 2023

Bids Due
By 2:00 PM
on August 14, 2023



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.

Reminders

- All questions should be sent in writing via email by the deadline to Lindsay.Esquivel@saws.org.
- Please identify the project by **Steven M. Clouse Water Recycling Second Stage Aeration Basin Diffuser Grid Repairs Project, Solicitation No. CO-00675-LE**
- Please be advised that Bidders are prohibited from communicating with any other SAWWS staff, the Consultant, or City of San Antonio officials regarding this IFB up until the contract is awarded as outlined in the Instructions to Bidders.

Project Location

- Steven M. Clouse (SMC) Water Recycling Center (WRC) – Second Stage Diffuser Grid Repair Project.
- Plant is located off Valley Road on the South side of San Antonio, Texas.

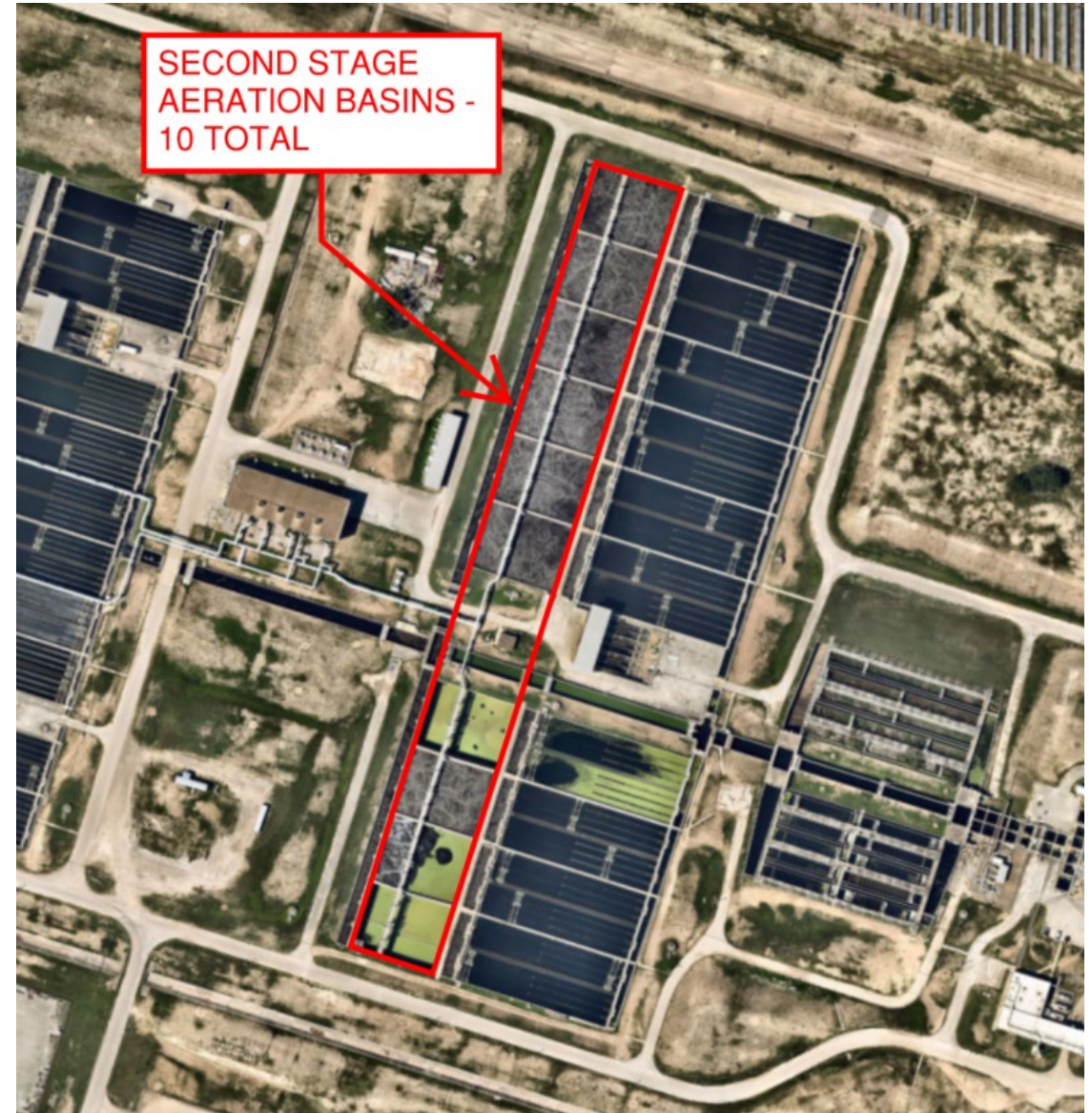


Project Overview

Scope of Work will include furnishing all labor, materials, equipment, and incidentals required to perform the repairs of the fine bubble diffuser system at the SMC WRC).

The Contractor will:

- Demolish the end diffuser lines within the basin. Six diffuser lines per basin.
- Install new diffuser lines with newly designed guide supports.
- Install additional anchor and guide supports as depicted in the design drawings.
- Remove all fixed and expansion joints, as depicted in the plans.



Construction Sequencing and Coordination with Operations

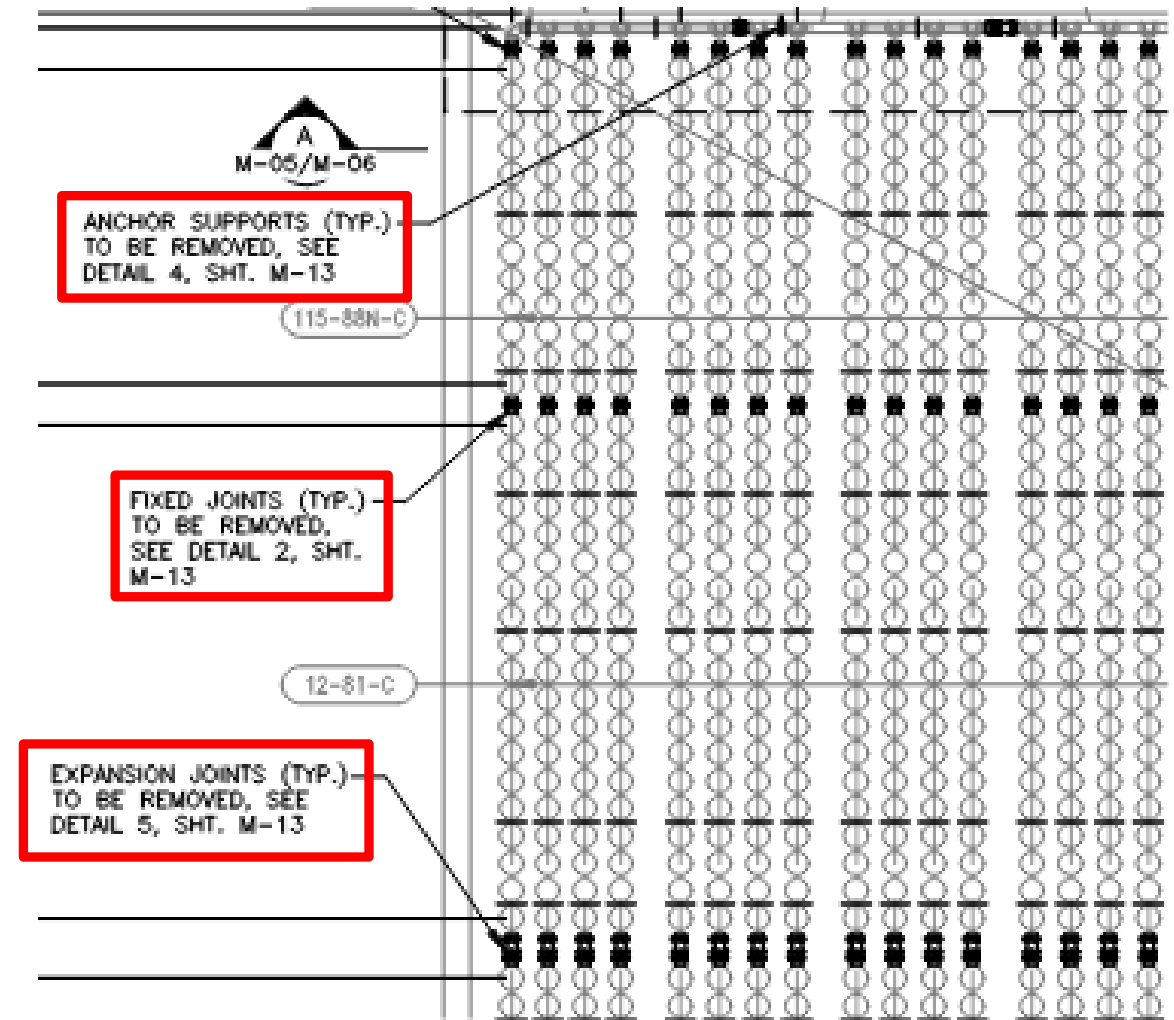
- Contractor will coordinate with SAWS SMC WRC Operations to schedule basin drainage.
 - Only two (2) basins will be drained at any time during construction (up to 4-working days to drain basin)
- Contractor will be responsible for remaining dewatering, grit, and sludge removal from the basin floor, prior to commencing any construction activities.
- The Contractor is responsible for developing and submitting for approval a detailed construction sequence plan.
 - Project to be completed in 365 consecutive calendar days.

Air Diffuser Grid Repairs

Contractor will remove all Expansion Joints and Fixed Joints, as depicted in the plans.

- 60 Fixed Joints per Basin.
- 126 Expansion Joints per Basin.

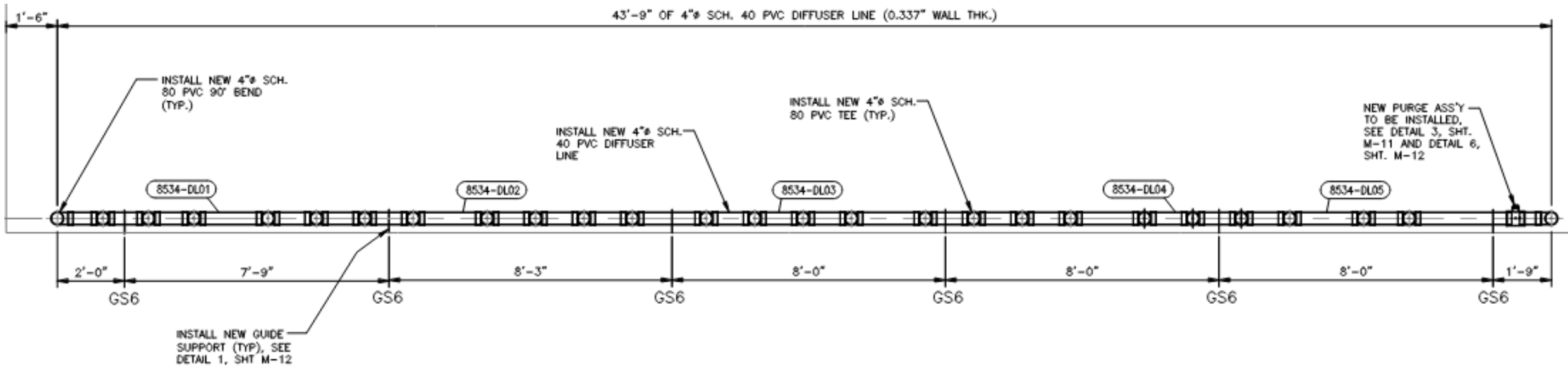
Design Plans depict the location and quantities of joints to be removed for each Grid Type in the Second Stage Aeration Basins.



Air Diffuser Grid Repairs

Contractor will demo existing diffuser lines and install new 4" PVC Diffuser line.

- 360 LF of 4" PVC per Basin.

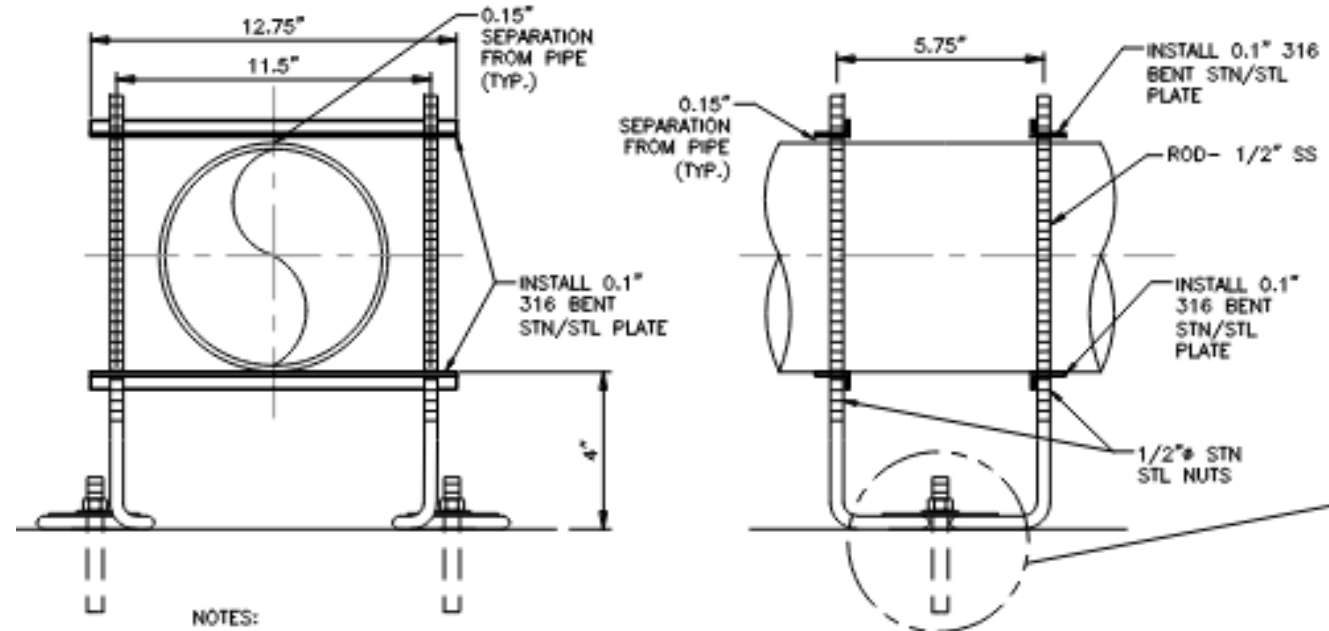


Air Diffuser Grid Repairs

Contractor will remove all existing guide supports and install the newly designed Guide Supports, as depicted in the plans.

- 36 Supports per Basin.

Design Plans depict the location and quantities of guide supports to be removed for each Grid Type in the Second Stage Aeration Basins.



NOTES:

1. BENT PLATES TO BE PUNCHED WITH A 3/8" HOLE ON THE HORIZONTAL LEG TO ALLOW IT TO SLIP OVER THE 5/16" GUIDE SUPPORT ROD.
2. 5/16" WILL BE UTILIZED ON TOP AND BOTTOM TO LOCK IN THE BENT PLATE.

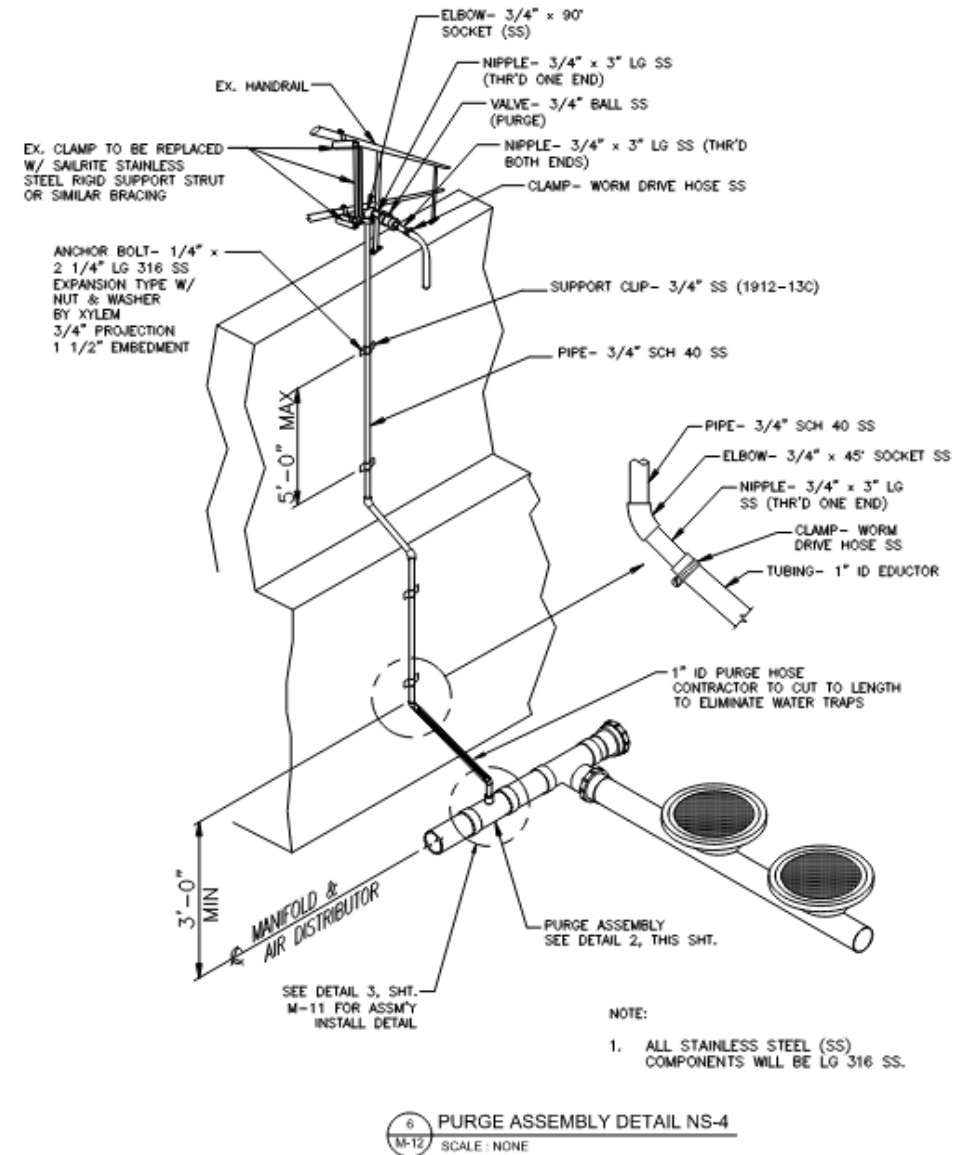
1 DRAIN LINE GUIDE SUPPORT DETAIL SUP-6
M-12 SCALE: NONE

Air Diffuser Grid Repairs

Contractor will remove all existing purge assemblies and install new purge assemblies in the same locations.

- 6 Assemblies per Basin.

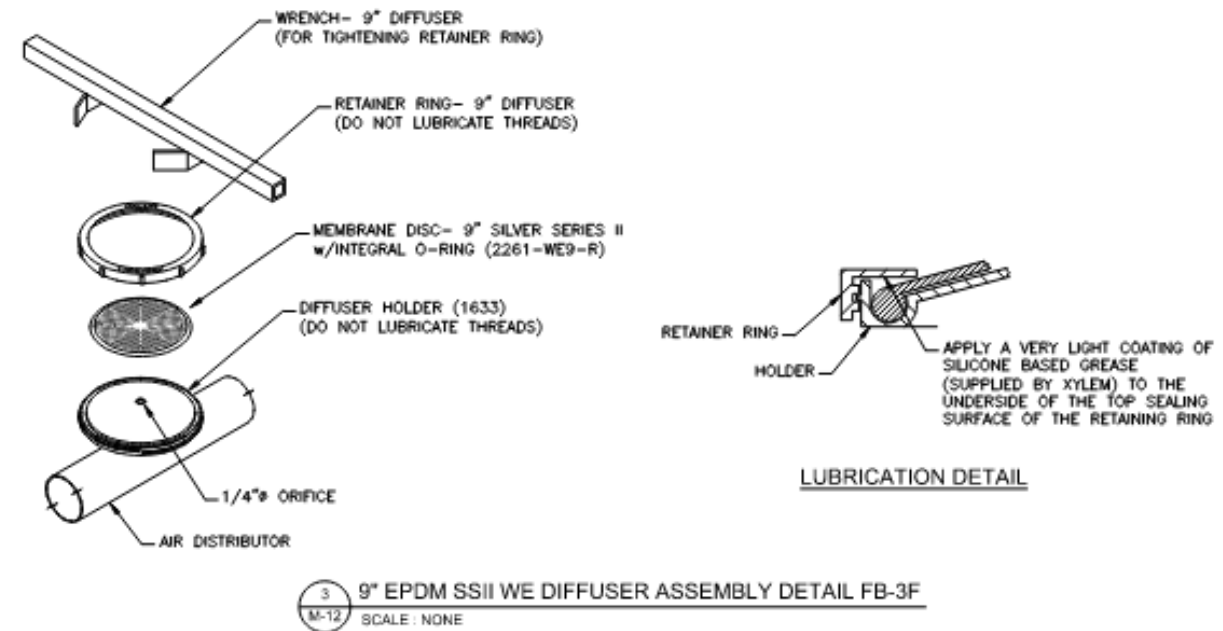
Design Plans depict the location and quantities of purge assemblies to be removed in the Second Stage Aeration Basins.



Air Diffuser Grid Repairs

Contractor will remove and replace all fine bubble membrane discs in each basin.

- 4,932 membranes per Basin.



Post Construction Testing

The Contractor will coordinate with SAWWS SMC WRC Operations to perform two (2) quality control tests of the repaired diffuser system, post construction and prior to dewatering any additional basins

- The first test will be conducted with the plant water at 2- to 6-inches above the diffuser elements; and,
- The second test will be conducted with a full diffuser basin.

The contractor will meet the specifications as presented in Sec. 01640 – Manufacturer’s Services and associated Specifications prior to commencing with any additional construction activities.

Questions

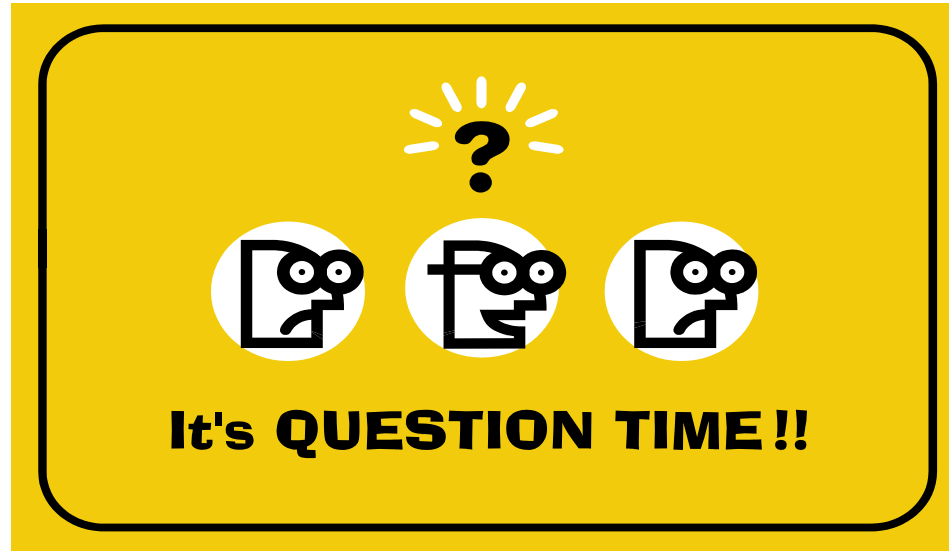
Must be submitted in writing by July 31, 2023, by 4:00 P.M. via e-mail to:

Lindsay Esquivel

Contract Administration Department

San Antonio Water System

Lindsay.Esquivel@saws.org



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