Turtle Creek No. 3: 42-Inch Water Transmission Main Project

Ila E. Drzymala, Ph.D. P.E. Sr. Project Engineer, SAWS

Florinda Gonzales
Contract Administrator, SAWS

Marisol V. Robles
SMVVB Program Manager, SAVVS

Michael Persyn, P.E.

Project Engineer of Record



Non-Mandatory Pre-Proposal Meeting July 14, 2021 at 11:00AM



WebEx Meeting Information

- With the switch to an online WebEx meeting, attendees can:
 - Access the presentation thru the WebEx link to follow along real-time
 - Access via phone and follow along with the PowerPoint posted on the SAWS website at:
 - https://apps.saws.org/business_center/contractsol
 - Use the chat feature to ask questions
- Please mute your devices during the meeting



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
- SMWB
- Contract Requirements
- Evaluation Process
- Required Experience
- Proposal Packet Preparation
- Evaluation Criteria

- Additional Reminders
- Communication Reminders
- Key Dates
- Submission Due Date
- Project Details
- Questions



Project Overview

- The project includes:
 - Installation of 4,446 LF of 42" welded steel water pipeline via open cut
 - Installation of approximately 105 LF of 12" to 24" ductile iron water pipeline via open cut
 - Approximately 464 LF via jacking, boring, or tunneling
 - Air release/vacuum valves and concrete vaults, butterfly valves, surface restoration including pavement replacement
- Contract duration is 365 calendar days
- Construction cost estimate is approximately \$6,428,071.28



Key Project Information

- Procured under Chapter 2269 of Texas Government Code as a Request for Competitive Sealed Proposals (RFCSP)
- Geotechnical Data Report is available on the SAWS website with execution of a disclaimer



Small, Minority, and Woman-owned Business (SMWB)

Industry	Aspirational SMWB Goal
Construction	20%

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



SMWB Scoring: SIR 10 & 11

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%: I 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%: I 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: The South Central Texas Regional Certification Agency (SCTRCA) has a search portal at www.sctrca.sctrca.org. The SCTRCA also accepts corporate members, who have access to Excel-exportable database files.

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 SMVVB 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.



SMWB Prerequisites

South Central Texas Regional Certification Agency

(Includes the Texas Historically Underutilized Business "HUB" Program)

• SBE-Certified (even MBEs and WBEs)

Local office or local equipment yard



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

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

https://saws.smwbe.com



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 SAWS



Contract Requirements

- Insurance Found in Section 5.7 of the General Conditions
 - Include General Liability for Construction, Pollution Liability, and Installation Floater (in lieu of Builder's Risk)
 - Selected contractor must be compliant with all other contracts in order for SAWS to award the contract
 - SAWS will request insurance certificate prior to Board award to ensure insurance compliance and expedite execution of the contract
 - Insurance must be compliant prior to executing the contract



Contract Requirements

- Supplemental Conditions
 - Contractor shall perform the Work with its own organization on at least 40% of the total original contract price confirmed in the GFEP
 - Liquidated Damages will be assessed at \$855.00 per day



Evaluation Process

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



Required Experience

• Respondents should clearly demonstrate, completely and sufficiently, that installing large diameter water mains (30-inch or larger) via open cut and trenchless is a primary business focus and service, and such services have been successfully provided for at least five (5) continuous years



Proposal Packet Preparation

- Request FTP Site for proposal upload
- Proposal page limits do apply; reference SIR for required forms that do not count
- Thoroughly review both the Instructions to Respondents and SIR
- Utilize the Proposal Response Checklist
 - 3 files required for electronic submittal
 - Follow file naming convention
- Utilize Provided Evaluation Criteria Forms

Turtle Creek No. 3: 42-inch Water Transmission Main

SAWS Job No. 15-7001 Solicitation No. CO-00429

EVALUATION CRITERIA FORM

The intent of this document is to provide Respondents a structure for their responses. While there are page limits for this solicitation, there are no character limitations.

Respondents should provide answers to the questions below in the order and spaces provided to ensure continuity between Respondent's submissions.

When responding to the questions below, Respondents should use the space provided in this form, unless otherwise indicated. Stating "See Attached" or "See Following Pages" are not acceptable responses. If the Response Forms provided here are not utilized, the information provided by the Respondent will not be considered and the Respondent's score for the evaluation criteria in question may be reduced and/or Respondent's proposal may be deemed non-responsive.

If all fields are not completed, the proposal may be deemed non-responsive.

Team Qualifications and Experience (20 Points)

- a. Organizational Structure and Information of the Prime Contractor
 - Provide current business organizational structure, type of business structure, and stability of organization.
 (Provide groups them)

Provide total number of employees and annual company revenues as of December 31, 2020.

(Provide answer here)

EV-



Proposal Packet Preparation

- Entire proposal should create a clear picture of Project Team experience and capabilities (Org chart, similar relevant project references, and resumes for Key Personnel and Key Subcontractors)
- Thoroughly review scope and ensure project references and Key Personnel resumes clearly show similar and relevant experience
- Thoroughly review evaluation criteria and respond with all required information to maximize points
- Avoid "boilerplate" responses



Proposal Packet Preparation

- Verify contact information for all project references, if SAWS is not able to contact reference points may be deducted or proposal 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 formula extensions and mob and prep of ROW



Criteria	Weight	Page No.
Team Qualifications and Experience	20%	SIR-3
Quality, Reputation, and Ability to Deliver Projects on Schedule and within Budget	20%	SIR-4
Project Approach, Schedule, and Availability	15%	SIR-7
Price	35%	SIR-9
Small, Minority, and Woman-owned Business Participation	10%	SIR-9
TOTAL	100%	



TEAM QUALIFICATIONS AND EXERIENCE (20 POINTS)

- Organizational Structure and Information on Prime Contractor
 - Provide current business organizational structure, type of business structure, and stability of organization
 - Provide total number of employees and annual company revenues as of December 31,2020
 - Provide debarment history for the company for the last ten (10) years
 - Provide any litigation, arbitration, and claims history for the last three (3) years and any litigation, arbitration, and claims history with SAWS regardless of the year they occurred
 - Indicate the number of years performing contracting/construction work under current legal business name and/or previous legal business name(s)
 - Provide company financial information



TEAM QUALIFICATIONS AND EXERIENCE (20 POINTS)

- Proposed Team Structure and Key Personnel Roles and Responsibilities
 - Provide a I-page organizational chart that describes the composition of the team for this project
 - Include proposed Key Personnel for the Prime Contractor and Key Subcontractor(s)
 - Include percent availability (as percentage of total individual's workload) for Key Personnel (Prime and Key Subcontractor(s)) and their proposed role for the duration of the Project
 - Provide a clear description of the proposed team identifying Key Subcontractor(s), their role on the project, and teaming history
 - If the Prime Contractor has not worked previously with proposed Key Subcontractor(s), describe the proposed approach for ensuring successful completion of the project in accordance with Contract Documents
 - Provide a clear description of the proposed team's Key Personnel roles and responsibilities, including Key Personnel from Key Subcontractor(s)



TEAM QUALIFICATIONS AND EXERIENCE (20 POINTS)

- Qualifications and Experience of Key Personnel Proposed for this Project
 - Resumes of Key Personnel on 8 ½" x 11", one per person, not to exceed one (1) page as identified on the Org. Chart
 - 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 & ABILITY TO DELIVER PROJECTS ON SCHEDULE AND WITHIN BUDGET (20 POINTS)

- Prime Contractor On-time Completion on Similar Projects in the Past 15 Years
 - List 5 completed projects within the last 15 years of similar size, scope, and complexity to the work described in the Contract Documents for this Project
 - Respondents should provide references with contact information to include a valid, recently verified email and telephone number for each project listed
 - Key Personnel must have participated in a minimum of 3 of the 5 projects listed. The proposed Project Manager must have participated in a minimum of 2 of the 5 projects listed. Proposed Project Superintendent must have participated in a minimum of 2 of the 5 projects listed. Proposed QC Manager must have participated in a minimum of 1 of the 5 projects listed. Key Personnel's role on project reference must have been the same as the role proposed for this Project
 - If Respondent has SAWS experience, at a minimum, I SAWS project of similar size, scope, and complexity must be included in the list of 5 projects provided



QUALITY, REPUTATION & ABILITY TO DELIVER PROJECTS ON SCHEDULE AND WITHIN BUDGET (20 POINTS)

- Prime Contractor On-time Completion on Similar Projects in the Past 15 Years
 - The Respondent shall also list all current and recently completed large diameter (30-inch or larger) water pipeline projects performed in the last 10 years for all Utility Owners in the State of Texas.
 - The Respondent shall provide a list of all projects currently under construction in which Key Personnel are involved, as identified in the organizational chart provided in the response for this RFCSP, and the expected completion date that demonstrates Respondent's ability to start and complete the work required by the project.



QUALITY, REPUTATION & ABILITY TO DELIVER PROJECTS ON SCHEDULE AND WITHIN BUDGET (20 POINTS)

- Key Subcontractor(s) Performance on Similar Projects in the Past 10 years
 - Provide list of 2 projects that identified Key Subcontractors' Project Manager and/or Project
 Superintendent participated in of similar size, scope, and complexity to the work described that have been completed in the State of Texas within the last 10 years
 - If Prime Contractor is planning to self-perform the Work in accordance with the Contract Documents and no Key Subcontractor(s) have been identified in the Response, Respondent shall provide a list of two (2) additional projects that were of similar scope to the Work that would have been performed by a Key Subcontractor and that have been completed in the State of Texas within the last ten (10) years
 - Prime Contractor's Key Personnel shall have participated in a minimum of one (1) of the two (2)
 projects listed. Describe the role served by the proposed staff on those projects



PROJECT APPROACH, SCHEDULE AND AVAILABILITY (15 POINTS)

- Project Approach
 - Narrative of Project Approach to complete project, including key milestones, specific critical processes and critical path items, phases and/or sequencing, permits, etc.
 - Identify potential risks and describe proposed mitigation measures to ensure on-time completion of the Project
 - Explain approach for contact and coordination with key project
 - Describe approach specifically addressing the procurement of large diameter pipes, fittings and other equipment and devices
 - Provide innovative ideas for cost savings (due to a sequencing, method, or duration)
 - Quality Management Plan including steps, safeguards, subcontractor oversight, QA/QC, etc.



PROJECT APPROACH, SCHEDULE AND AVAILABILITY (15 POINTS)

- Project Schedule and Unforeseen Conditions
 - Critical path method (CPM) schedule Primavera or Microsoft project Assume NTP of October 26,
 2021
 - 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
 - Provide details for procurement and delivery of pipes, fittings and other long-lead time equipment and devices
 - List and describe prior instances of unforeseen conditions
 - Approach for mitigating and managing unforeseen conditions on this project



PROJECT APPROACH, SCHEDULE AND AVAILABILITY (15 POINTS)

- Availability of Key Personnel and Equipment
 - Describe availability of Key Personnel for Prime Contractor and Key Subcontractor(s) for the duration of the project
 - 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)
 - 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 Subcontractors



PRICE/SMWVB (35/10 POINTS)

• Lowest total price will receive 35 points

Remaining proposals will receive points based on comparison to the lowest price

proposal

Proposal	Price	Calculation	Points Earned
Α	\$9,350,000	(\$7,750,665/\$9,350,000) × 35	29.01
В	\$10,125,800	$(\$7,750,665/\$10,125,800) \times 35$	26.79
С	\$7,750,665	(\$7,750,665/\$7,750,665) × 35	35.00
D	\$8,565,450	(\$7,750,665/\$8,565,450) × 35	31.67
Е	\$12,700,000	(\$7,750,665/\$12,700,000) × 35	21.36

 Complete Good Faith Effort Plan (reference Supplementary Instructions to Respondents)



Additional Reminders

July 14,2021

- Register with Vendor Registration Program on the SAWS website at www.saws.org to ensure access to the latest information
- To receive updates on <u>specific projects</u>, 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



Communication Reminders

- There shall not be any communication with the following during the Proposal period:
 - √ Design Engineer
 - ✓ SAWS Project Manager or Project Engineer
 - √ Any other SAWS staff
 - √ City Council member or staff
 - ✓ SAWS Board of Trustees
- This includes phone calls, emails, letters, or any direct or indirect discussion of the Proposal



Key Dates

- July 26, 2021 by 4:00 PM
- August 5, 2021 by 4:00 PM
- August 13, 2021 by 11:00 AM
- August 16, 2021 by 11:00 AM
- August 202 I
- September 2021
- October 2021
- October 2021

Questions Due

Addendum Posted to SAWS Website

Deadline to request FTP Site

Proposals Due

Proposals Evaluated

Selected Contractor Notified

SAWS Board Approval and Award

NTP Issued

Submission Due Date

- Proposals due no later than II:00 AM CT August 16, 2021
- Electronic Proposals Only
- Follow specific electronic proposal delivery instructions:
 - Request the FTP Site for Upload no later than August 13, 2021 at 11:00 AM
 - 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 August 16, 2021 at 11:00 AM
- SAWS continues to monitor and adhere to the current COVID-19 guidelines and may modify the proposal submission instructions



Questions

- Submitted no later than July 26, 2021 at 4:00 PM (CST)
- Identify solicitation number
- Must be submitted in writing:

Florinda Gonzales
Contract Administrator

Contract Administration Department San Antonio Water System Florinda.Gonzales@saws.org



Turtle Creek No. 3 PS

Project Details

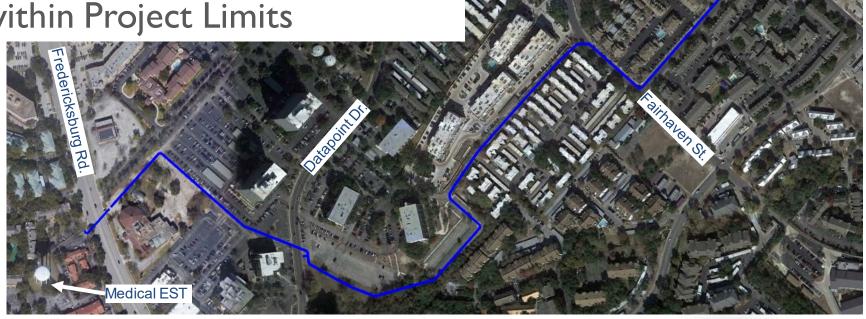
• 4,446 LF open cut 42-inch welded steel water main

• 312 LF 60-inch Jacking and Boring across Datapoint

• 152 LF 42-inch Jacking and Boring across Fredericksburg Rd.

• 8 Property Owners within Project Limits

SAWS is acquiring
 Permanent and
 Temporary
 Easements – refer to
 Contract Docs for
 more specifics





- Project Milestones
 - Temporary driveway must be constructed off Datapoint for alternate access to property owned by SA Greenbay prior to beginning construction
 - Easements on property owned by 8400
 Datapoint LLC (occupied by Baptist School of Health Professionals) may not be available for access until February 1, 2022

Property	Temporary Easement Expiration
La Mirada "SATX Management LLC"	Sooner of: 3 Years or End of Construction
Regions Bank	End of Construction
Woodbranch Highpoint LLC	120 Days
Humana Health Plan of Texas, Inc.	End of Construction
San Antonio Greenbay L.C.	End of Construction
8400 Datapoint LLC: Baptist School of Health	90 Days
SA II Sonoma Owner LLC: ANEW Apartments	270 Days
Oxford Medical-Fairhaven LLC	End of Construction

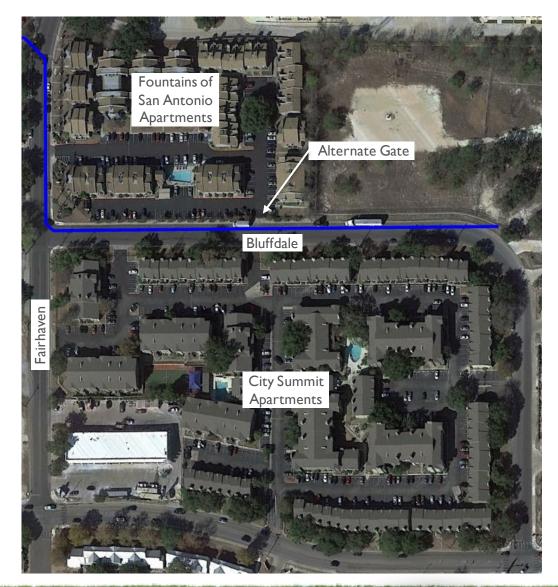


- Project Coordination
 - Property Owner coordination information will be provided after NTP is issued
 - Several properties include businesses and have dumpsters that will need to be relocated
 - Turtle Creek No. 3 Primary Pump Station
 - Staging Area
 - Cathodic Protection
 - Tie-in and Testing of 42" Pipe





- Project Coordination
 - Fountains of San Antonio Apartments
 - Coordinate with fire station to unlock alternate gate on Bluffdale when construction is along Fairhaven
 - Coordinate with property manager two weeks prior to closure of the main gate on Fairhaven
 - City Summit Apartments
 - Coordinate with property manager two weeks prior to closure of Bluffdale to allow residents to utilize alternate parking locations



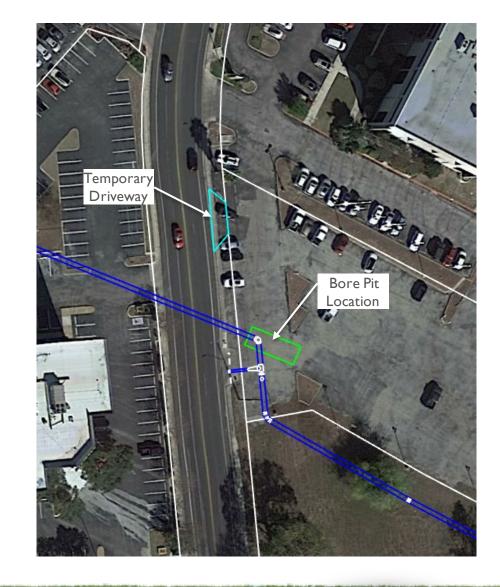


- Project Coordination
 - SA Sonoma II (ANEW Apartments)
 - Any trees that are removed must be replaced with one of the same type
 - Contractor may not park in spots designated for tenants without prior authorization
 - Install and maintain a minimum 6-ft tall plywood or vinyl screen wall around easement area
 - 6-inch water relocation
 - Underground electric relocation
 - Only has one access point for residents
 - Excavation limited to 50 LF along stone wall





- Project Coordination
 - SA Greenbay
 - Temporary driveway to be constructed to allow alternate access to parking lot
 - Police officer is required for the duration of the use of the temporary driveway





Special Provisions to Technical Specifications

- 500 Concrete Curb, Gutter, and Concrete Curb and Gutter (CoSA)
 - Shall also include replacement of existing trench drain
- 507 Chain Link Wire Fence (CoSA)
 - Shall also include Remove & Replace Wood Fences
- 515 Topsoil (CoSA)
 - Shall be measured by the square yard at the depth specified
- 530 Barricades, Signs, and Traffic Handling
 - Also governs for TXDOT ROW (CoSA)
- 540 Temporary Erosion, Sedimentation, and Water Pollution Prevention and Control (CoSA)
 - Contractor responsible for developing SWPPP



Special Provisions to Technical Specifications

- 828 Gate Valves
 - Includes insertion of gate valves on active water lines
- 844 Blow-Off Assemblies
 - Includes Internal Bulkhead Test Assemblies

Special Specifications

- 01010 Summary of Work
- 01015 Use of Premises
- 01020 ANEW Apartments Underground Electric Relocation Allowance
- 01040 Coordination
- 02425 Jacking, Boring, or Tunneling Pipe
- 02439 Precast Reinforced Concrete Valve Vault
- 02571 Steel Pipe, Mortar-Lined (ANSI/AWWA C200, Modified)
- 02572 Steel Pipe Fabricated Specials (ANSI/AWWA C200, Modified)
- 02820 Temporary Screened Chain Link Fencing
- 09910 Polyurethane Coating



Special Specifications

- 09970 Painting and Protective Coatings
- 15103 Butterfly Valves
- 15117 Combination Air Valves
- 261351 Impressed-Current Cathodic Protection

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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Non-Mandatory Pre-Proposal Meeting July 14, 2021 at 11:00AM

