

San Antonio Water System Mandatory Pre-Bid Meeting

SAWS Job No. 10-6501

Leon Creek Water Recycling Center Interconnect to the Southwest Bexar Sewer Pipeline Project

January 17, 2012 at 10:00 AM

AGENDA

1. Introductions
 - a. Please sign the Attendance List.
 - b. Owner: This project is being funded by the San Antonio Water System. Ms. Alissa Lockett, PE is the Project Manager and Maria Franco is the Contract Administrator representing SAWS.
 - c. Design Engineer: This project has been designed by CP&Y, Inc. in association with CDM, Inc. Mr. Josh Marazzini, PE is the prime design engineer contact.
2. Overview of Project
 - a. This project includes work at the Leon Creek Water Recycling Center (WRC) and surrounding area with the Interconnect to the Southwest Bexar Sewer Pipeline (SBSP) for the San Antonio Water System. The address for Leon Creek is as follows:
 1. Leon Creek WRC - 1104 Mauerman Road, San Antonio, TX 78224
 - b. Plant operations: The San Antonio Water System (SAWS) has permits from the State of Texas and United States Environmental Protection Agency to discharge treated effluent from the Leon Creek WRC. Both quantity and quality of effluent discharged from the plant is regulated by these permits. The Contractor shall closely coordinate all construction activities with the Owner to allow the plant to be operated and maintained within the limits set forth in the permits, and the Contractor shall in no way cause a violation of these permits. The FEB Diversion Structure, Screening Facilities and FEB Basins at the Leon Creek facility must maintain continuous operation during the complete duration of the Project. No complete shutdowns of these systems will be allowed. Temporary shutdowns of the FEB Headworks and drain system, Primary Clarifiers and other facilities must be carried out in accordance with Section 01010 – Summary of Work and other applicable sections of the Contract Documents.
 - c. The Owner reserves the right to halt construction and/or require the Contractor to place existing facilities back in service if necessary to maintain compliance. Contractor shall strictly adhere to the scheduling constraints and requirements specified within the Contract Documents to facilitate Plant operation and compliance.
 - d. Prior to the start of any work on the project, the Contractor shall develop a construction schedule with a sequence of operations which will permit full, normal

treatment of sewage during construction. Such schedule shall meet the approval of the Owner and shall be updated, at a minimum, on a monthly basis to reflect the actual construction progress. Refer to Section 01010 – Summary of Work, 01015 – Sequence of Construction and all other relevant sections of the Contract Documents.

- e. Prior to the start of any work on the project, the Owner will issue and review an Emergency Evacuation Plan for the facility with the Contractor.
- f. Within 30 days after the preconstruction conference and at the same time as the initial critical path schedule is submitted, a schedule shall be submitted of the items of materials and equipment for which shop drawings are required by the specifications in compliance with Section 01300 – Submittals and all other relevant sections of the Contract Documents.
- g. An Interconnect line between the Leon Creek WRC and SBSP will be constructed so as to allow the diversion of flows from the Leon Creek WRC into the SBSP to the Dos Rios WRC. The project consists of the construction of a gravity sewer pipeline with aerial crossing tying the Leon Creek WRC into the SBSP; work at the Leon Creek WRC, including modifications to the flow equalization basin (FEB) diversion structure, FEB screening facility, FEB drainage system, primary clarifier flow meter vaults, sulfur dioxide system, and associated electrical and instrumentation; the elimination and gravity tie-in of Verano Lift Station No. 5 to the proposed Interconnect and all other work identified in the plans and specifications for the Leon Creek Water Recycling Center Interconnect to the SBSP Project, SAWS Job No. 10-6501.
- h. During the Work of this Contract, construction by other contractors for separate but related work will be in progress at the Site. Work by these other contractors is generally referenced as work “by others” in the Contract Documents. The Contractor shall coordinate his Work with the work by others as necessary. The other contracts scheduled for construction at the Site during the Work of this Contract include, but are not necessarily limited to, the following:
 - 1. Leon Creek WRC Improvements Project (nearing completion)
 - 2. Dos Rios and Leon Creek WRC's Tertiary Filters Project (nearing completion)
 - 3. SBSP, Segment 1 (downstream system)
 - 4. SBSP, Segment 2 (tie-in)
- i. Testing, sampling, inspection and certifications of materials and equipment specified in the Technical Sections of the Project Manual shall be paid by the Contractor and shall be in accordance with Section 01400 – Quality Control.
- j. There are various existing facilities impacted by this project. All existing facilities should be identified in the work plan required by Section 01015 and the work sequence should be followed. The Work must be completed in such a manner to allow the existing facilities to operate at its maximum capacity throughout the duration of the Project except as described in the Contract Documents. Contractor Staging Areas and Site Access/Security requirements will be strictly enforced.

- k. The Process Control System Supplier (PCSS) shall be a “systems integrator” regularly engaged in the design and the installation of instrumentation systems and their associated subsystems as they are applied to the municipal water and wastewater industry. Programming of the Emerson Ovation SCADA System shall be in compliance with Sections 17000 – Instrumentation General Provisions, 17306 – Applications Engineering Services and all other applicable sections of the Contract Documents.
- l. Contractor shall be required to retain the services of an independent and Geotechnical Engineer licensed in the State of Texas. Contractor shall also retain the services of a subsurface utility exploration firm. Refer to Special Conditions and all other relevant sections of the Contract Documents.
- m. Contractor shall retain the services of a Professional Engineer licensed in the State of Texas when required in the Contract Documents. Examples include, but are not limited to: Trench Excavation and Safety Systems (Section 02223), Polymer Concrete or Fiberglass Manholes (Section 01610), Aluminum Handrails and Railings (Section 05520), Shaftless Screw Conveyor (Section 11331), Gabion Basket Design and Slope Stabilization (Sheet C-30), FEB Drainline Junction Structure (Sheet S-3).

3. Proposal

- a. The Work of this Contract will be executed in a unit price and lump sum Contract as shown in the Proposal.
- b. The Contractor's bid package shall include but not be limited to the following items:
 - i. Bidders Checklist
 - ii. TWDB Forms
 - iii. Bid Proposal
 - iv. Bidder Qualifications, including a resume for the proposed superintendent and project manager
 - v. Proposal Certification
 - vi. Acknowledgement of Addenda
 - vii. Contractors Acknowledgement of Pollution Abatement Compliance
 - viii. Good Faith Effort Plan
 - ix. Conflict of Interest Questionnaire Form
 - x. Letter from Insurance Provider
 - xi. Certified or Cashier's Check or an approved Bid Bond as discussed further in the Instructions to Bidders
 - xii. All other items as specified in the Contract Documents

4. Permits

- a. The City of San Antonio has reviewed and approved the building permits for this project; in addition, portions of this project may be subject to review and acceptance by various agencies. The Contractor will be required to coordinate with these agencies for such items as issuance of permits or work orders, inspections during construction, and final acceptance.

- b. A temporary haul road agreement will need to be signed with the Union Pacific Railroad within 30 days of Authorization to Proceed. Refer to Sheet G-6.
5. Project Construction Period: 400 calendar days after the Authorization to Proceed start date. As discussed in the Bid Proposal and Supplementary Conditions, there is a separate Substantial Completion milestone for work related to the Interconnect of 305 calendar days (Refer to Section 01015, Paragraph 3.06). As discussed in the General and Supplementary Conditions, Liquidated Damages for failure to complete this project on time will be in the amount of \$1,000.00 per day.
6. Project Cost Estimate: \$8,400,000
7. Bids
 - a. Nothing discussed in this pre-bid conference supersedes anything in the Bidding/Contract Documents. Bidder is to strictly bid the written documents. Any changes to these Contract Documents will be issued by written addendum. The meeting minutes will be for information purposes only.
 - b. Technical questions regarding this project will be accepted by Maria Franco, in writing via email to Maria.Franco@saws.org or fax to (210) 233-4622 until 2:00 PM (CST) on January 19, 2012.
 - c. The Contract Administration Division, Customer Center Building, 2800 U.S. Highway 281 North, Suite 169, San Antonio, TX 78212 will receive sealed bids until 10:00 AM on January, 30 2012.

Bids will be opened and read aloud at 10:00 AM by the SAWS Contract Administration Division, Customer Center Building, 2800 U.S. Hwy 281 North, Suite 171, San Antonio, TX, 78212.
 - d. This project will receive funding from the TWDB, as such all required forms will need to be included in Contractors sealed bids in order for the bid to be considered responsive.
8. Questions – Submit all questions in writing for a formal response.
9. Site Visits of scoped items at Leon Creek WRC and the surrounding area will follow today's meeting.