

MEETING NOTES

MANDATORY PRE-BID MEETING DOS RIOS WRC RE-RATING HEADWORKS IMPROVEMENTS AND PROCESS ENHANCEMENTS PHASE I SAWS JOB NO. 08-6502 SAWS SOLICITATION NO. B-10-057-DD

Date/Time: Tuesday, November 30, 2010 @ 10:00 am

Location: Dos Rios WRC, O&M Building Cafeteria,
3495 Valley Road, San Antonio, TX 78221

Attendees: *See Pre-Bid Meeting Sign-in Sheet*

1. INTRODUCTIONS

2. PROJECT OVERVIEW

- Summary of Work (refer to Section 01010).
 - MRSO line connection to Dos Rios WRC (final segment).
 - *This will be 2 parallel 66-inch lines.*
 - Replace FM from Return Flow Pump Station to Plant Influent Chamber.
 - *Question – what is the duration for tie-in of the 24-inch and 48-inch force mains at the Return Flow Pump Station.*
 - *Response – it was recommended to try to schedule this work during a period of low rainfall when the Flow Equalization Basins are not in use.*
 - *Question – what are the limits of demolition for the Parshall Flume?*
 - *Response – it was noted that the Parshall Flume is closed off on both sides and already out of service. The limits of demolition shown on the plans are correct.*
 - *Response – it was also noted that the demolition depth may need to be revised relative to the 54-inch force main tie-in at the Plant Influent Chamber.*
 - 54-inch bypass line to Vortex Grit Effluent Channel discharge.
 - *Question – what is the type of pipe and manufacturer for the existing 78-inch pipe exiting the Vortex Grit Effluent Channel?*
 - *Question – will there be unlimited downtime for work on the Vortex Grit Effluent Channel (south end)?*
 - *Response – Contractor may need to install plates to cover weir openings from the main body of the Pre-Aeration Tanks.*
 - Influent Flow Metering Facility modifications.
 - Channel extensions of Plant Influent Chamber/Plant Influent Distribution Chamber.
 - *It was noted that T-Lock liner extends to the channel floor (in Plant Influent Chamber only?).*

- *It was suggested that another product (Linabond?) be considered as an alternative to a T-Lock liner.*
 - Parallel 104-inch wastewater line.
 - *This will include an Accusonic flow meter.*
 - Influent Screening Facility modifications.
 - Four (4) additional screen channels.
 - Two (2) new mechanical screens/two new manual bar screens.
 - Two (2) new screenings conveyors.
 - *Relocate two (2) existing screenings conveyors.*
 - Four (4) new screenings compactors.
 - *Two (2) new jib cranes.*
 - Grit Removal Facility modifications.
 - Eight (8) vortex grit removal systems (in four existing Pre-Aeration Tanks).
 - Four (4) Grit Washer/Classifier units.
 - Awnings and winch systems for grit roll-off containers.
 - Associated Civil, Electrical and I&C work.
 - Time of Completion.
 - 640 calendar days to Final Completion.
 - *It was noted that there are actually 640 calendar days to Substantial Completion.*
 - *The Final Completion deadline will be 60 days later.*
 - Saturday, March 24, 2012 – Substantial Completion milestone for Influent Flow Metering Facility.
 - Contract and Bidding Documents.
 - Acknowledge all Addenda.
 - Addendum No. 1 issued on Wednesday, November 24, 2010.
 - Addendum No. 2 anticipated on Friday, December 3, 2010.
 - Twelve Bid Items (with no Allowances).
 - Proposal Certification (5% of total bid price).
 - Schedule of Manufacturers and Suppliers.
 - Bidder's Questionnaire (return with Bid Proposal).
3. SPECIAL CONDITIONS
- Testing, inspections, certifications by Contractor.
 - Section 01465 – Equipment Testing and Startup (added by Addendum No. 1).
 - Section 01666 – Testing of Pipelines.
 - Section 01680 – Watertightness Testing for Hydraulic Structures.
 - Availability of shop drawings for existing equipment.
 - Sluice gates in Plant Influent Distribution Chamber.

- Step type mechanical fine screens.
 - *Low bid determination – base bid is not based on deducts.*
 - *For the Good Faith Effort Plan, 17% is the goal.*
 - *Contact Marisol Robles, SMWB Program Coordinator, with any questions on the Good Faith Effort Plan.*
 - *Mobilization is set at 5%.*
 - *Liquidated Damages are set at \$1,000 per day.*
 - *The umbrella for insurance has been increased to \$5 million for this project.*
 - *All bidders should review the Bid Proposal Checklist, which includes a Certificate of Insurance.*
 - *Pollution Abatement Plan should be provided by each bidder.*
 - *Bidder shall also provide the company's financial statements.*
 - *There is a page number correction (to be made by Addendum) on the Bid Proposal Certification form.*
4. SEQUENCE OF CONSTRUCTION (refer to Section 01015)
- Coordination with Treatment Operations.
 - Complete Influent Flow Metering Facility modifications by March 24, 2012.
 - Construct improvements to north half of Influent Screening Facility/Grit Removal Facility prior to commencing work on south half of facilities.
5. SCHEDULE OF VALUES (refer to Section 01025)
- Submit preliminary Schedule of Values for review.
 - Progress payments submitted during latter part of each month.
6. FIELD ENGINEERING (refer to Section 01050).
- Establish two (2) permanent benchmarks on the project site.
7. CONTRACTOR'S SUBMITTALS (refer to Section 01300)
- Electronic submittal procedure (i.e., *Prolog*).
 - Hard copies: five (5) to Owner, three (3) to Engineer.
 - Marking of submittals (see Section 01300, Paragraph 2.04).
 - Submittal schedule and register.
 - Submittal review period: 21 calendar days.
8. TEMPORARY FACILITIES AND CONTROLS (refer to Section 01500)
- Contractor laydown area (Sheet C-3).
 - *This is located south of the Influent Flow Metering Facility.*
 - Spoils disposal site (Sheet G-7).
 - Temporary utilities – include in price for Mobilization.

- Erosion and sedimentation controls (Sheet C-3).
 - Adhere to SAWS security procedures.
9. MATERIALS AND EQUIPMENT (refer to Section 01600)
- Store existing equipment removed during construction per manufacturer's instructions.
 - *It was noted that existing equipment removed should be taken off the job site.*
 - Use special care in removal, handling, storage and reinstallation.
10. FUNCTIONAL TESTING (refer to Section 01650)
- Pre-Demonstration Period.
 - Field services provided by Manufacturer's Representative.
 - Demonstration Period.
 - Facilities operational for Substantial Completion.
 - *Attendees requested that the duration of the Demonstration Period be clearly specified.*
 - Functional Tests.
11. QUESTIONS
- *Q1. What is the quantity of grit in the existing structures? Can there be a unit price for any additional amount of material?*
 - *A1. The grit quantity in the bid documents was based on 1/4 of the volume of the existing structures.*
 - *Q2. Confirm that the SAWS standard warranty period is 2 years.*
 - *Q3. Will on-site stop logs be available to isolate flow?*
 - *A3. Contractor should plan to provide stop logs for common effluent channels (e.g., Aerated Grit Tanks, Pre-Aeration Tanks).*
 - *Q4. How much vacuum excavation work will there be?*
 - *Q5. How will grit be measured? Wet or dry?*
 - *Q6. Can grit be dried using on-site drying beds?*
 - *A6. The on-site drying beds will not be available for use.*
 - *Q7. What is the coverage, depth and location of epoxy coating?*
 - *Q8. Is there a provision for CEC Controls to submit as an alternative systems integrator?*
 - *A8. SAWS will not have sufficient time to pre-qualify other vendors before the Bid Opening date.*
 - *Q9. Deteriorated concrete repair – where is it?*
 - *Q10. For Bid Proposal Line Items No. 8 and 9, please clarify the transition between T-Lock and epoxy coating.*
 - *Q11. Relative to Sheet E-2, are there drawings of existing ductbank to be demolished?*
 - *Q12. What is the time limit to have the FEB facilities shut down?*

- *Q13. When was the north influent flow meter work done and what was the condition of the concrete?*

12. CLOSING COMMENTS

Nothing discussed during this Pre-Bid Meeting changes 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 provided for informational purposes only.

- Technical questions regarding this project will be accepted by Diana Dwyer in writing via email to: Diana.Dwyer@saws.org or fax to: (210) 233-5218 until 2:00 PM (CST) on Wednesday, December 1, 2010. Answers to the questions will be posted to the web site by 4:00 PM (CST) on Monday, December 6, 2010 as a separate document or included as part of an addendum.
- Sealed bids will be received prior to 10:00 AM on Friday, December 10, 2010 by the Contract Administration Division, 2800 U.S. Hwy 281 North, Customer Center Building, Suite 171, San Antonio, Texas 78212.
- Bids will be publicly opened and read aloud by the SAWS Contract Administration Division in the Customer Center Building, 2800 U.S. Hwy 281 North, Suite 169, San Antonio, Texas 78212.
- Each bid must be accompanied by a cashier's check, certified check, or bid bond in an amount not less than five (5) percent of the total bid price.

13. SITE VISIT

- A tour of the plant site area was conducted after the Pre-Bid Meeting.