



San Antonio Water System Non-Mandatory, Pre-Bid Meeting

**SAWS Job No. 08-2504
Lift Stations Rehabilitation Design – Phase 3 Project**

October 21, 2011 at 11:00 AM

Meeting Minutes

Please note the following meeting minutes for the Pre-bid Conference are for information purposes only.

1. Introductions

- a. Attendees signed in.
- b. Introductions by Mr. Jeff Ray, SAWS Project Manager.
- c. Design Engineer: The project has been designed by Weston Solutions, Inc. in association with CP&Y, Inc. The Weston Solutions Project Manager/Engineer is Mr. Abdel Hamed, P.E.
- d. Project specific questions are to be submitted in writing to the SAWS Contracting Department. Any questions submitted to the SAWS Project Manager or the Engineer by phone, e-mail, etc. will not receive a response.

2. Overview of Project

- a. This project includes work at twenty-one (21) Lift Stations and one (1) Repeater site all located in the San Antonio area. Eight (8) lift stations are located outside the City of San Antonio city limits and four (4) lift stations are located over the Edwards Aquifer Recharge Zone (EARZ). Section 01010, Summary of Work, of the Contract Documents and the Plans list the locations and addresses of each lift station site.
- b. Special Conditions
 - i. Contractor shall submit a record of performance and show experience with projects of comparable scope and cost.

- ii. Contractor must have experience with bypass/flow management and SCADA systems/equipment.
- iii. For lift stations located within residential areas, Contractor shall coordinate with SAWS Inspector to work with property owners and resolve any inquiries.
- iv. Contractor shall mobilize at no more than seven lift stations at a time. Contractor shall provide a schedule/phasing plan to the SAWS Inspector showing the sequence of construction.
- v. Spare pump required for LS# 188 shall not be stored on the site. Contractor shall coordinate storage with SAWS Inspector.
- vi. Existing auto dialer system is to remain in service for at least thirty days after the new SCADA system is accepted.
- vii. The Table of Existing Pumps and Approximate Rated Capacity list approximate information only. Pumps shown may have been replaced. Contractor shall verify current equipment.
- viii. Bypass pumping testing shall be accomplished on weekdays only. Testing on weekends is not permitted.
- ix. Contractor shall provide on-site staff to monitor bypass pumping activities for each lift station. Bypass pumping and manned monitoring of system shall be performed 24 hours a day/ 7-days a week as required in the Specifications.

c. Summary of Work

- i. Contractors were encouraged to read the Summary of Work. It includes a brief work description associated with each site.
- ii. Six lift stations are being converted from self-priming to submersible.
- iii. Application and removal of existing coating of concrete wet well shall follow the manufacturer's recommended instructions.
- iv. The wet well coating shall have a ten-year manufacturer's warranty.

QUESTION: Are all wet wells coated?

ANSWER: All existing wet wells have some type of coating/paint/epoxy system. Contractor shall verify. Also, any exposed aggregate and rebar will require repair prior to coating.

- v. LS# 245 will require concrete paving. A few of the lift stations (2 to 3) are paved with gravel – these sites will require that the gravel to be removed and replaced with asphalt pavement.
 - vi. An allowance for lift stations requiring electrical upgrade from 240 volts to 480 volts will be provided. Contractor shall coordinate with CPS Energy.
 - vii. A SCADA system will be required for all lift stations.
 - viii. LS# 252 will require a natural gas generator. Contractor shall coordinate with CPS Energy for gas service connection.
 - ix. SAWS Inspector is to be informed 48 hours in advance of removal of any existing rain gauges on lift station sites. Rain gauges are to be preserved and relocated by others under a separate contract. This item will be added to the Special Conditions and included in an addendum.
 - x. Site plan drawing for each lift station identifies if the lift station is located within the 100-year floodplain and/or the Edward's Aquifer Recharge Zone.
- d. Health and Safety (Mr. David McClellan, SAWS Safety Department)
- i. Contractor shall submit a job-specific safety plan which will identify any hazards to be expected (e.g., confined space entry, heat).
 - ii. Safety Plan shall list Health and Safety staff and on site Safety Officer.
 - iii. A sample Health and Safety Plan is available on the SAWS web site, but must be tailored to Contractor's operation.
 - iv. Plan must adhere to OSHA regulations.
 - v. SAWS Safety Officer will visit lift station sites.
 - vi. Contractor to maintain barricades and safety controls at all times to protect SAWS Maintenance Staff, who may be on site to perform daily duties.
 - vii. Safety Plan will be due at the Pre-Construction Meeting.

3. Questions

Q1: What preparations are required for a damaged wet well?

Submit this question in writing for a formal response.

Q2: Do drawings show which manholes to connect to for bypass pumping?

SAWS will issue block maps to show manholes as an addendum. During construction, the Contractor shall submit a bypass plan for each lift station to SAWS for approval. During construction, SAWS will provide a spreadsheet to the Contractor that will identify critical low surface elevation points (manholes and/or wet wells) and estimated storage times based on wet weather flow.

Q3: Can the Health and Safety information be disseminated to the subcontractors, too?

Submit this question in writing for a formal response.

Q4: Will the block maps be available by bidding date?

Yes.

Q5: There are four lift station sites located within gated communities. How do we gain access to these sites?

Submit this question in writing for a formal response.

Q6: What exfiltration/vacuum testing will be required?

Submit this question in writing for a formal response.

Q7: What pumps are considered approved equals?

Submit this question in writing for a formal response.

Q8: For LS# 190 Alamo Dome Lift station, how do we gain access through the gate?

There is a security guard at the entrance to the parking lot.

Q9: Will submittals or specifications be approved before bidding?

No.

Q10: Is the Contractor required to purchase new testing equipment/tools which will be retained by SAWS?

Yes.

Q11: For LS# 163, how much linear feet of force main is included? The existing site plan does not show?

Submit this question in writing for a formal response.

Q12: Traffic Control specification lists police officer utilization. When is a contractor required to use one?

Submit this question in writing for a formal response.

4. Contract Administration

Presented by Ms. Maria Franco, SAWS Contracting Department.

5. Closing Comments

The sign-in sheet will be posted on the SAWS web site.

Nothing discussed during the Pre-bid Conference 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 for the Pre-bid Conference will be for information purposes only.

- Any questions regarding this project will be accepted by Maria Franco, in writing via email to: mfranco@saws.org or by fax to (210) 233-4622 until **4:00 PM (CT) on October 27, 2011**. Answers to the questions will be included as part of an addendum(s).
- Bids are due prior to **10:00 AM (CT), November 8, 2011** @ 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 Conference Room 169, SAWS Customer Center Building, 2800 U.S. Hwy 281 North, San Antonio, Texas.