



**SAN ANTONIO WATER SYSTEM
PINN RD PUMP STATION
IMPROVEMENTS
SAWS Job No. 10-8624-202
SAWS Solicitation No. B-11-003-RA**

**ADDENDUM No. 2
March 8, 2011**

To Bidder of Record:

This addendum, applicable to work referenced above, is an amendment to the bidding documents and as such will be made a part of and included in the Contract Documents. Acknowledge receipt of this addendum by entering the addendum number and issue date in the space provided in submitted copies of the proposal.

QUESTIONS AND CLARIFICATIONS

Q1. What is the physical address for the project?

A1. Per the City of San Antonio Development Services Department, the address for the project site is 8290 W Military Dr, San Antonio, TX, 78227. The physical address is the intersection of W Military Dr and W Commerce St, San Antonio, TX, 78227.

Q2. We are requesting to have "Weinman" added to the list of approved pump manufacturers in Section 11211, Paragraph 1.03.E. 2 and "John Crane Type 1" mechanical seals added to Section 11211, Paragraph 2.02.J. Weinman has a pump that is in accordance with Section 11211.

A2. The list of approved manufacturers will not be revised to include Weinman. The list was developed in coordination with San Antonio Water System (SAWS) operations and maintenance personnel and with the pump manufacturers listed that already have installations within the System.

Q3. Can we use 12-inch flanged gate valves in lieu of the 12-inch butterfly valves?

A3. No, butterfly valves shall be provided and installed as shown in the Drawings and as specified in Section 15100 of the Specifications.

Q4. Sheet M-01 shows the new 8" D.I. Pressure Relief Line having two tie-in points: one at the 36" CSC Discharge Line and one at the 36" CSC Suction Line. Are both connections to be per Detail 2 on Sheet C-02, and will they need to be hot taps?

- A4. Both connections shall be per Detail 2 on Sheet C-02. The connection to the 36" CSC Suction Line does not need to be a hot tap because the isolation valve on the suction header can be used in coordination with SAWS operations and maintenance personnel. The connection to the 36" CSC Discharge Line can be performed during the shut-down for the replacement of the four (4) buried butterfly valves and also does not need to be a hot tap. See revisions to Section 01015 below for further clarification.

REVISIONS TO CONTRACT DOCUMENTS AND TECHNICAL SPECIFICATIONS

1. Section 01015, Construction Sequence Items, ADD the following sentence at the end of Paragraph 1.01.A:

"The two (2) tie-ins of the proposed pressure relief line to existing 36-inch CSC pipe will not require hot taps but must be accomplished within a maximum allowable shut-down duration of 24 hours."

2. Section 11211, Horizontal Split-Case Centrifugal Pumps, REPLACE Paragraph 1.03.E. as follows:

"E. The pumps shall be Model 150 as manufactured by ITT A-C, Model 8LR-20A as manufactured by Flowserve Worthington, or approved equal by Fairbanks Morse."

3. Section 11211, Horizontal Split-Case Centrifugal Pumps, REPLACE the first sentence of Paragraph 1.04.E as follows:

"Jacking bolt kit or a horizontal alignment tool set shall be provided by the CONTRACTOR."

4. Section 11211, Horizontal Split-Case Centrifugal Pumps, ADD "Level A" at the end of Paragraph 2.02.D.

5. Section 11211, Horizontal Split-Case Centrifugal Pumps, REPLACE Paragraph 2.02.E.1 as follows:

"1. The pumps shall be capable of discharging quantities at total discharge heads measured at the discharge flange as follows:

1530 GPM @ 400 ft TDH, 1775 or 1785 RPM, 66.5% minimum efficiency"

6. Section 11211, Horizontal Split-Case Centrifugal Pumps, REVISE the first sentence of Paragraph 2.02.F as follows:

"Pump casings shall be cast iron conforming to ASTM A48, Class 30 or ductile iron with 250# suction and discharge flanges."


7. Section 11211, Horizontal Split-Case Centrifugal Pumps, ADD the following sentence to the end of Paragraph 2.02.F:

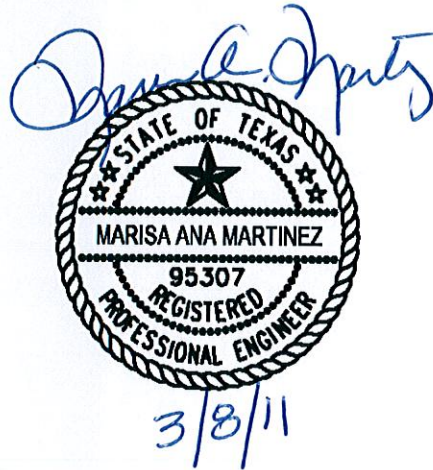
“Umbrellas and/or vent cocks shall be supplied by the CONTRACTOR.”

8. Section 11211, Horizontal Split-Case Centrifugal Pumps, ADD the following sentence to the end of Paragraph 2.02.P:

“Cocks, plugs, gauges, and valves shall be provided by the CONTRACTOR.”

The remainder of the bid documents remains unchanged.


Marisa A. Martinez, P.E.
San Antonio Water System



ACKNOWLEDGEMENT BY BIDDER

Each bidder is requested to acknowledge receipt of this Addendum No. 2 on the Bid Proposal and by his/her signature affixed hereto and to file same as an attachment to his/her bid.

The undersigned acknowledges receipt of this Addendum No. 2 and the bid submitted herewith is in accordance with the information and stipulation set forth.

Signature of Bidder

Date

END OF ADDENDUM No. 2