

**SAN ANTONIO WATER SYSTEM**  
**Borgfeld Road West Phase “A” Facility #82 – Enchanted Eve Pump Station and Phase “B”**  
**12 and 16-Inch Water Main Project**  
**SAWS Job No. 07-3004**

**ADDENDUM NO. 1**

**June 21, 2013**

This addendum, applicable to project noted above, is an amendment to the bidding and specification documents and as such shall be a part of and included in the Contract. Acknowledge receipt of this addendum by entering the addendum number and issue date in the spaces provided on all submitted copies of the proposal.

**1.0 Addendum Purpose**

The purpose of this addendum is to issue revisions and clarifications for the Borgfeld Road West Phase “A” Facility #82 – Enchanted Eve Pump Station and Phase “B” 12 and 16-Inch Water Main Project (SAWS Job No. 07-3004).

**2.0 Pre-Bid Meeting**

A non-mandatory Pre-Bid Conference was held at 2:00 p.m. on June 18, 2013 at the San Antonio Water System’s Customer Service Building, 2nd floor, Conference Room CR-239, 2800 U.S. Hwy 281 North, San Antonio, Texas. A list of attendees has been previously posted on the SAWS website.

**3.0 Revisions**

A. Replace page SS-1 of the bid documents with the attached page numbered the same. Additions have been included to specify the per day amount of Liquidated Damages.

**4.0 Questions**

**Q:** Does this project contain chlorination/disinfection equipment? If so, does it also include automatic shut off valves for the gas cylinders?

*A: This project does not contain chlorination/disinfection equipment.*

**Q:** How are the security cameras going to be provided? Will the cameras be provided through the project or direct to SAWS?

*A: The Contractor is to route the cable and conduit to the security panel, purchase and install cameras, purchase internal equipment for security panel only and hand over to SAWS I & C for the reason that they will be making the connections.*

**Q:** After Station 71+70 is C905 to be used if so what pressure class? For the HDPE Pipe that is called out for the Directional Drill what is the SDR rating of the pipe?

*A: The Special Construction Conditions indicate that the acceptable pipe materials for this project are as follows: Ductile Iron (DI), PVC, Steel, and Concrete Steel Cylinder (CSC) and that the pipe material to be used for the Enchanted Eve Pump Station are limited to PVC and Steel. This project is located in a SAWS high-pressure zone; therefore all piping shall be minimum Class 200 per SAWS Design Standards for Water Systems Facilities, Section 9.9. The HDPE pipe shall comply with SAWS Material Specifications.*

**Q:** Do you have a list of General Contractors bidding this project?

*A: Please visit the SAWS website and click on the Plan Holders list to download Contractors that have downloaded the documents.*

**Q:** Will a Pipe Fitting bid item be added to the Bid Proposal?

*A: No, pipe fitting is incidental to the unit price of the pipe*

**Q:** Why are we using steel pipe underground for the 12 & 16 inch pipe? The pipe can't be lined after it has been welded in the ditch. Also making field changes will be costly and slow down production. DI pipe is a much better option at that diameter for its versatility and ease of installation.

*A: SAWS Production Division has indicated that steel pipe is to be used for the Enchanted Eve Pump Station as shown on the construction drawings.*

**Q:** Is the Pump manufacturer supplying the HSP Pump Control Panel on Drawing (1 of 14, 6 of 14, 7 of 14)? If not, where can we find the size of the Enclosure?

*A: Contractor is to provide the Free Standing Pump Control panel. The Free standing enclosure will depend on Contractor's pump controller layout. The size of the Pump Control Panel Enclosure is 60 - inch by 60 – inch by 24 – inch.*

**Q:** Please supply in Addendum the spec for Instrument (Propeller or Turbine Meter) FQI-104 on Drawing 18 of 19.

*A: See SAWS Standard Specification 30-40, Specifications for Turbine-Type Water Meters, dated December 2012.*

**Q:** On the Mag, the Rosemount Model calls out an integral mount and E & H is remote mount IP 68 (submersible) flow tube. Which do they need?

*A: Since the flow meter is in a vault the E & H shall be utilized.*

**Q:** With an Addendum to be supplied on Friday, is the project bid date going to be pushed back?

Addendum No. 1  
Borgfeld Rd West "Phase A" Facility #82 – Enchanted Eve Pump Station  
Saws Job No. 07-3004  
Solicitation No. B-13-041-DB

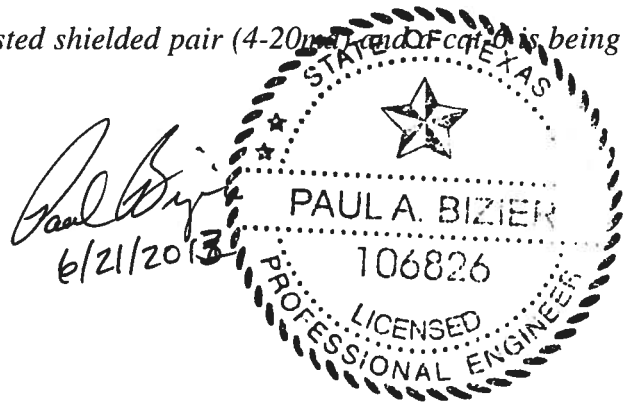
*A: No the project bid date will not be pushed back.*

**Q:** Is there a part number/spec for the Lantronix Modbus Gateway device shown on drawing 10 of 14 in the SCADA Panel?

*A: Lantronix IntelliBox – I/O 2100 or approved equal.*

**Q:** If Modbus output is required from Magmeter transmitter or if it is going through a converter taking in 4-20 mA and outputting Modbus?

*A: No converter is being utilized. A twisted shielded pair (4-20mA) and of cat. 6 is being utilized for the transmitter.*



### **ACKNOWLEDGEMENT BY BIDDER**

Each bidder is requested to acknowledge receipt of this Addendum No. 1 and the associated attachments by his/her signature affixed hereto and to file same and attach with his/her bid.

The undersigned acknowledges receipt of this Addendum No. 1 along with the bid submitted herewith is in accordance with the information and stipulations set forth.

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature

END OF ADDENDUM NO. 1

## **Supplemental Condition**

### **Article VI. Contract Changes**

Section 6.5.4.4 of the General Conditions shall be supplemented as follows:

**Equipment:** For Contractor-owned machinery, trucks, power tools or other equipment, necessary for use on Change Order work, the Rental Rate Blue Book for Construction Equipment (hereafter referred to as “Blue Book”) rate, as modified by the following, will be used to establish Contractor’s allowable hourly rental rates. Equipment used shall be at the rates in effect for each section of the Blue Book at the time of use. The following formula shall be used to compute the hourly rates:

$$H = \frac{M \times R1 \times R2}{176} + OP$$

Where H = Hourly Rate

M = Monthly Rate

R1 = Rate Adjustment Factor

R2 = Regional Adjustment Factor

OP = Operating Costs

If Contractor-owned machinery and/or equipment is not available and equipment is rented from an outside source, the hourly rate shall be established by dividing the actual invoice cost by the actual number of hours the equipment is involved in the Work. Owner reserves the right to limit the hourly rate to comparable Blue Book rates. When the invoice specifies that the rental rate does not include fuel, lubricants, repairs and servicing, the Blue Book hourly operating cost shall be allowed to be added for each hour the equipment operates. The allowable equipment hourly rates shall be paid for each hour that the equipment is involved in the Work and an additional maximum of fifteen percent (15%) may be added as compensation.

The remaining sections of Article VI shall remain the same.

### **ARTICLE VIII. CONTRACT COMPLETION TIME**

Section 8.6 of the General Conditions shall be supplemented as follows:

#### **LIQUIDATED DAMAGES**

For the purpose of this contract the Liquidated Damages have been calculated at \$450.00 per day.