



SAN ANTONIO WATER SYSTEM
 DSP Southeast Tank and Pump Station Project
 SAWS Job Nos. 13-6102 (DSP) & 13-6005
 Solicitation No. B-14-062-MF

ADDENDUM NO. 2

October 8, 2014

TO BIDDER OF RECORD:

The following changes, additions, and/or deletions are hereby made as part of the Contract Documents for the DSP Southeast Tank and Pump Station Project, for the San Antonio Water System, San Antonio, Texas, dated September 2014, as fully and completely as if the same were set forth therein.

PART 1 – BIDDING AND CONTRACT REQUIREMENTS

1. **PRICE PROPOSAL: REMOVE AND REPLACE** the Price Proposal in its entirety with the attached section.

PART 2 – TECHNICAL SPECIFICATIONS

1. SECTION 01030, SPECIAL PROCEDURES

A. REPLACE the table in Paragraph 1.02.A as follows:

Critical Operation	Maximum Time Out of Operation	Hours Operation Can be Shut Down	Liquidated Damages (Dollars per Hour)
1. Connect to existing PZ2 12-inch water pipeline.	8 hours	10 PM to 6 AM	\$100
2. Connect to existing PZ830 16-inch water pipeline for PZ830 pump station discharge.	8 hours	10 PM to 6 AM	\$100
3. Connect to existing PZ830 16-inch water pipeline for 16-inch water main relocation.	8 hours	10 PM to 6 AM	\$100

B. ADD Paragraph 1.02.F.3 as follows:

“Critical Operation 3 – Connect to existing PZ830 16-inch pipeline for 16-inch water main relocation – Install 16” insta-valves and 16” x 16” tapping sleeves to make connection to existing PZ830 16-inch water main.

2. SECTION 01130, PAYMENT PROCEDURES:

C. REVISE the first sentence of Paragraph 1.05.D.1 as follows:

“Description – This item shall be an allowance for any fees from CPS Energy associated with the connection and disconnection of electrical power at the DSP Southeast Tank and Pump Station, including fees and power cost associated with the 30-day commissioning period.

D. REVISE Paragraph 1.05.D.2 as follows:

“Measurement – Measurement for Item No. 4 will be by lump sum and shall not exceed \$200,000.00.”

3. SECTION 02626, STEEL PIPE:

A. REVISE Paragraph 1.02.A.3 as follows:

- “a. Hanson Pipe
- b. Northwest Pipe
- c. American Spiral Weld
- d. Ameron
- e. Mid America Pipe
- f. No other Suppliers will be allowed”

B. REPLACE Paragraph 2.02.D with the following:

“Pipe Ends: Pipe ends shall be lap welded slip joint, flanged joint, or flexible coupled joint, as specified in the drawings.”

C. DELETE Paragraph 2.02.D.1 in its entirety.

D. REPLACE Paragraph 2.02.D.2.a with the following:

“Lap welded slip joints shall be provided in all locations, as specified in the drawings.”

4. SECTION 02829, GATE OPERATOR: REMOVE AND REPLACE this section in its entirety with the attached section.

5. SECTION 11210, HORIZONTAL SPLIT-CASE PUMPING UNITS:

A. REVISE Paragraph 1.01.C as follows:

“The Contractor’s Equipment Manufacturer shall be one of the pump manufacturers listed in 1.02., and shall be responsible for coordinating the design, testing, and installation of the pumps and motors. The Equipment Manufacturer shall be responsible for the adequacy and compatibility of the pump and motor. The Motor Manufacturer shall act as a subcontractor of the Pump Manufacturer. At the manufacturers’ option, the

Service Representative may provide services for both the pump and motor. The Equipment Manufacturer shall provide furnish the services of a competent Service Representative who is capable of coordinating the design, testing, and installation of the pumps and motors. The Contractor will install the pumping unit under the supervision and guidance of the Pump Manufacturer’s Service Representative. The motors supplied shall meet requirements as specified in Section 16150, “NEMA Frame Induction Motors, 600 Volts and Below”.”

B. REVISE Paragraph 1.03.B.3.a, second sentence as follows:

“Pump and motor shall be certified and tested in one piece at the factory.”

C. REVISE Paragraph 1.03.B.7.a as follows:

“Equipment Manufacturer Service Representative”

D. REVISE Paragraph 1.03.B.7.a.1 as follows:

“The Equipment Manufacturer shall furnish the services of a competent Service Representative, who shall have had a minimum of five (5) years’ experience in the installation, adjustment, and operation of the equipment which is being furnished under this contract. At the manufacturers’ option, the Service Representative may provide services for both the pump and motor. This service is for the purpose of insuring proper installation and adjustment of the equipment; instructing operating personnel in proper operation, maintenance, and care of the equipment; for making operation tests of equipment and making recommendations for obtaining the most efficient use thereof. The Equipment Manufacturer shall provide field services in accordance with Section 16150, “NEMA Frame Induction Motors, 600 Volts and Below”.”

E. DELETE Paragraph 1.03.B.7.b in its entirety.

F. REVISE Paragraph 1.08.B.1 as follows:

PUMPING CONDITIONS FOR PZ830	
Rated Capacity, MGD	2.33
Rated Head, FT	250
Maximum Operating Head, FT	275
Minimum Operating Head, FT	165
Minimum Pump Efficiency at Rated Head	75%
Available NPSH, FT	28.73
Motor Voltage	460

Maximum Motor Horsepower, HP	200
Maximum Motor Speed, RPM	1800

PUMPING CONDITIONS FOR PZ2	
Rated Capacity, MGD	1.67
Rated Head, FT	175
Maximum Operating Head, FT	185
Minimum Operating Head, FT	90
Minimum Pump Efficiency at Rated Head	75%
Available NPSH, FT	28.83
Motor Voltage	460
Maximum Motor Horsepower, HP	100
Maximum Motor Speed, RPM	1800

G. REVISE Paragraph 2.01.A.3 as follows:

“The Equipment Manufacturer shall thermally stress relieve the pump/motor base prior to final machining in accordance with ASME Code, Section VIII, Division 1, ASME Code Section IX, and API Standard 610.

H. REVISE the first sentence of Paragraph 2.01.B.1 as follows:

“Pump casing shall be of strong close-grain cast iron in accordance with ASTM A48 Class 30 or Class 40, or ductile iron in accordance with ASTM A536 designed for heavy duty service, dual volute design, free of blow holes, or other detrimental defects.”

I. REVISE Paragraph 2.01.K.1 as follows:

“Coat interior of pump casings with a ceramic epoxy coating to enhance pump efficiency. Prepare surface to SSPC–SP-10 minimum, or as recommended by the coating manufacturer. Prime and finish coat shall be 10 mils each DFT Belzona 1341, 3M Scotchkote 134, or other approved equal NSF 61 efficiency enhancement coating system for potable water. Perform a holiday test and correct all defects.”

6. SECTION 13115, CATHODIC PROTECTION – STEEL PIPELINE:

A. REVISE Paragraph 1.02.A as follows:

“The Cathodic Protection Subcontractor shall be the designer, supplier and installer of the cathodic protection system. Cathodic protection system and design shall be provided by Corrpro Companies, Inc., Elk Engineering Associates, Inc., or Brown Corrosion Services, Inc.”

B. DELETE Paragraph 1.06.H in its entirety.

7. SECTION 13300, INSTRUMENTATION AND CONTROLS-GENERAL PROVISIONS:

A. DELETE the following from Paragraph 1.03.C.1:

“and specification section 13405”

B. REPLACE Paragraph 1.03.C.4.3 with the following:

“LOGICAL POINT ADDRESS: Leave this field blank for use by the ASP. The PCSI shall coordinate the completion of the LOGICAL POINT ADDRESS field with the ASP.”

C. ADD Paragraph 1.06.C.2.a as follows:

“The service contract requirements shall include telephone support as far as possible. If necessary, ASP shall provide on-site support for correction of any errors and/or omissions in order to fully meet all requirements of the Contract Documents.”

8. SECTION 13302, INSTRUMENTATION AND CONTROLS-TESTING:

A. REPLACE Paragraph 3.01.D.3 with the following:

“An I/O point checkout of each I/O module shall be performed to verify proper operation of the input/output points. To perform this test the PCSI shall provide copies of the PLC configuration files. The verification of the signals will be accomplished via the use of the PLC programming software. At a minimum, the I/O checkout shall consist of four steps.”

B. REPLACE Paragraph 3.02.C with the following:

“The PCSI and ASP shall load the application software on the PLCs and HMI computers and the entire system shall be tested. The test shall be conducted to verify readiness for the Witnessed Factory Test.”

9. SECTION 13305, INSTRUMENTATION AND CONTROLS-APPLICATION SERVICES:

A. REPLACE Paragraph 1.01.H with the following:

“The PCSI and ASP shall provide all applications programming and services required to achieve a fully integrated and operational control system and coordinate the control system for proper operation with related equipment and materials furnished by other

suppliers under other Sections of these specifications and with related existing equipment.”

B. REPLACE Paragraph 1.01.K with the following:

“The PCSI and ASP shall provide all process controller programming and Human Machine Interface (HMI) configuration including development of control programs, database configuration, graphic screens, communication links, historical archiving, as specified herein. The PCSI and ASP shall perform the following generalized functions:”

C. REPLACE Paragraph 1.03.A with the following:

“Prior to the beginning the submittal process, the PCSI and ASP shall hold specific workshops, in which the Engineer and/or Owner may observe the displays and control strategies prior to submittal of the database, trends, graphics, reports, and control strategies.”

D. REPLACE Paragraph 1.03.G.1 with the following:

“The PCSI and ASP shall provide Operator's Manuals for the system operators. These manuals shall be separately bound and shall contain all information necessary for Operations Staff to operate the system. The manuals shall be written in non-technical terms and shall be organized for quick access to each detailed description of the Operator's procedure. Manuals shall contain, but not be limited to, the following information:”

E. REPLACE Paragraph 1.03.G.8 with the following:

“If the PCSI or the ASP transmits any documentation or other technical information that is considered proprietary, such information shall be so designated. Documentation or technical information that is designated as being proprietary will be used only for the design, construction, operation, or maintenance of the System and, other than to the extent permitted by law, will not be published or otherwise disclosed.”

F. REPLACE Paragraph 3.01 in its entirety with the following:

“3.01 APPLICATIONS DEVELOPMENT WORKSHOPS

- A. The PCSI and ASP shall schedule and administer a minimum of four (4) Workshops and Coordination Meetings for the purpose of discussing progress of the work under this Section.
- B. The PCSI and ASP shall make all arrangements for the workshops; prepare agendas of discussion items; and notify participants at least one (1) week before scheduled workshops. The workshops shall be held at a location chosen by the Owner and shall include, at a minimum, attendance by the Owner, Engineer, General Contractor’s project engineer, ASP, and PCSI.

1. The First Applications Workshop shall be held in advance of the first shop drawing submittals for this specification section. The purpose of the workshop shall be for the ASP and PCSI to:
 - a. Summarize their understanding of their scope of work
 - b. Discuss any proposed substitutions or alternatives
 - c. Discuss the schedule for testing and delivery milestone dates
 - d. Provide a forum for the PCSI, ASP and Owner to coordinate hardware and software related issues
 - e. Request any additional information required from the Owner and/or Engineer.
 - f. The PCSI and ASP shall bring draft versions of proposed shop drawings to the meeting to provide the basis for the Owner/Engineer's input into their development.
 - g. All aspects of the programming effort shall be discussed including but not limited to:
 - 1) PLC and HMI variable naming conventions
 - 2) PLC memory map conventions
 - 3) Any and all customized or user defined function blocks (DFB) and subroutines.
 - 4) Display naming for each process area including all necessary pop ups.
 - 5) Display color conventions and overall Owner expectations
2. The Second Applications Workshop shall be held by the PCSI no more than one month prior to the initial testing for the system and shall be for the purpose of defining the control strategies that are to be implemented.
3. The Third Applications Workshop shall be held by the ASP and shall cover the process graphics and how they will depict the process and interface to the strategies involved Items to cover include, but shall not be limited to, the following:
 - a. Listing of data points on each display.
 - b. A short narrative of each control usage.
 - c. Listing of all Operator inputs and outputs to and from the control function. Any special displays related to the function shall be illustrated. A description of the operation of any display shall be described as it relates to the control function.
4. The Fourth Applications Workshop be held by the ASP and shall cover the process reports and how they will be depicted within the system. Items to cover include, but shall not be limited to, the following:
 - a. Listing of data points on each report.
 - b. Short narrative of each report and its usage.”

10. SECTION 13541, PRECAST WIRE WOUND PRESTRESSED CONCRETE TANK:
DELETE Paragraph 2.12.G.2.g in its entirety.

11. SECTION 15103, BUTTERFLY VALVES:

A. REVISE First Sentence of Paragraph 2.01.B as follows:

“Valves shall be Class 250 of the short-body type with a 250 psig bi-directional shut-off rating, a 500 psig hydrostatic body shell test and a maximum upstream line velocity rating according to the table listed below unless specified otherwise.

B. ADD Paragraph 2.01.K as follows:

“Flanges: All valve flanges and drilling patterns shall be 250 class.

12. SECTION 15116, SLEEVE VALVES:

C. REVISE Paragraph 2.01.A as follows:

“The following sleeve valve will be provided at the location shown and in the size indicated in Paragraph 3.04. Valve shall be designed for working pressures ranging between 60 psi to 120 psi. The sleeve valve shall adjust flow rates between 2 MGD and 10 MGD.”

D. REVISE Paragraph 2.01.A.1.d as follows:

“Sleeve valve shall operate between 10-80% open for all design conditions.”

E. REVISE Paragraph 3.04.A as follows:

“The sizes shown in the schedule are preliminary and the valve manufacturer shall perform and submit calculations showing the sleeve valve size selected can meet all operating scenarios.”

13. SECTION 16150, NEMA FRAME INDUCTION MOTORS, 600 VOLTS AND BELOW:
ADD Paragraph 2.01.A.3 as follows:

“Baldor”

PART 3 – DRAWINGS

1. SHEET P-3: ADD Note 2 as follows:

“2. CONTRACTOR SHALL COORDINATE AND SEQUENCE PIPELINE TESTING AND CONNECTION TO WRIP PIPELINE WITH SAWS INSPECTOR AND CONTRACTOR FOR WRIP PIPELINE.”

2. SHEET T-3: REPLACE tank center elevation note on Detail 1 with the following:

“H.P. 609.95 @ Center of Tank”

3. SHEET SD-5:

A. DELETE Detail 3.

B. DELETE Note 2 on Detail 4.

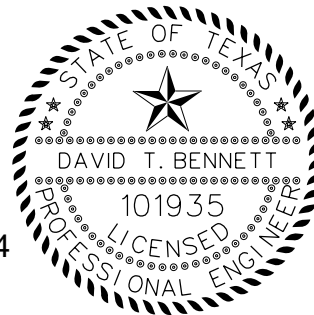
ALL BIDDERS SHALL ACKNOWLEDGE RECEIPT OF ADDENDUM NO. 1 IN THE BID FORM AND BY HIS/HER SIGNATURE AFFIXED HERETO AND TO FILE SAME AS AN ATTACHMENT TO HIS/HER BID. BID FORMS SUBMITTED WITHOUT THIS ACKNOWLEDGEMENT WILL BE CONSIDERED INFORMAL.



David T. Bennett, P.E.

Freese and Nichols, Inc.

10-08-14



FREESE AND NICHOLS, INC.
TEXAS REGISTERED
ENGINEERING FIRM
F-2144

ACKNOWLEDGEMENT BY BIDDER

THE UNDERSIGNED ACKNOWLEDGES RECEIPT OF THIS ADDENDUM NO. 1 AND THE BID SUBMITTED HERewith IS IN ACCORDANCE WITH THE INFORMATION AND STIPULATION SET FORTH.

Date

Signature of bidder

Appended hereto and part of Addendum No. 2 are:

1. PRICE PROPOSAL
2. SECTION 02829
3. CONTRACTOR QUESTION AND ANSWER DOCUMENT
4. PRE-PROPOSAL MEETING MINUTES

END OF ADDENDUM NO. 2

PRICE PROPOSAL

PROPOSAL OF _____,
 a corporation _____,
 a partnership consisting of _____,
 an individual doing business as _____

THE SAN ANTONIO WATER SYSTEM:

Pursuant to Instructions and Invitations for Competitive Sealed Proposals, the undersigned proposes to furnish all labor and materials as specified and perform the work required for the construction of the **DSP SOUTHEAST TANK AND PUMP STATION PROJECT**, San Antonio Water System Job Numbers 13-6102 (DSP) and 13-6005 in accordance with the Plans and Specifications for the following prices, to wit:

PROPOSAL ITEMS

ITEM NO.	ITEM DESCRIPTION (Price to be written in words)	UNIT	ESTIMATED QUANTITY	UNIT PRICES (FIGURES)	TOTAL PRICE (FIGURES)
A BASE PROPOSAL					
1	Total amount for furnishing all labor materials, services, equipment, and appurtenances in conjunction with and incidental to all work (site work, general construction) for execution of the <i>DSP SOUTHEAST TANK AND PUMP STATION PROJECT</i> in conformance with the Project Documents, with the exception of those items specifically listed in other proposal items. _____ Dollars and _____ Cents	LS	1	\$ _____	\$ _____
2	Allowance for on-site security guard during performance of work (once chlorine is on site) Fifty Thousand _____ Dollars and no _____ Cents	LS	1	_____ \$50,000.00	_____ \$50,000.00
3	City of San Antonio (COSA) Sitework Permit Allowance Thirty-Five Thousand _____ Dollars and no _____ Cents	LS	1	_____ \$35,000.00	_____ \$35,000.00
4	City Public Service (CPS) Energy Allowance Two Hundred Thousand _____ Dollars and no _____ Cents	LS	1	_____ \$200,000.00	_____ \$200,000.00
LINE ITEM "A" SUBTOTAL BASE PROPOSAL (Items 1-4)					
100	Mobilization and Demobilization: This item includes project move-in and move-out of personnel and equipment, for work shall include furnishing all labor, materials, tools, equipment and incidentals required to mobilize, demobilize, bond and insure the Work for the <i>DSP SOUTHEAST TANK AND PUMP STATION PROJECT</i> , in accordance with the contract documents, complete in place. Percent of the <u>Line Item "A"</u> , Subtotal Base Proposal written in words _____ Percent (Maximum of 10% of <u>Line Item "A"</u> Subtotal Base Proposal amount)	LS	1	\$ _____	\$ _____
MOBILIZATION SUBTOTAL (Item 100)					

Mobilization and Demobilization lump sum proposal shall be limited to a maximum 10% of the Line Item "A" Subtotal Base Proposal Amount. The Line Item "A" Subtotal Base Proposal Amount is defined as all proposal items EXCLUDING Item 100, Mobilization and Demobilization. **In the event of a discrepancy between the written percentage and dollar amount shown for Mobilization and Demobilization proposal item, the proposal item's written percentage will govern. If the percentage written exceeds the allowable maximum stated for Mobilization and Demobilization, SAWS reserves the right to cap the amount at the percentage shown and adjust the extensions of the proposal item accordingly.**

TOTAL PROPOSAL AMOUNT (LINE ITEM "A", MOBILIZATION)

DOLLARS

\$

AND

CENTS

RESPONDENT'S SIGNATURE & TITLE

FIRM'S NAME (TYPE OR PRINT)

FIRM'S ADDRESS

FIRM'S PHONE NO./FAX NO.

FIRM'S PHONE EMAIL ADDRESS

The Contractor herein acknowledges receipt of the following:
Addendum Nos. _____

The Respondent offers to construct the Project in accordance with the Contract Documents for the contract price, and to final completion, as defined in the General Conditions, within **540 calendar days** after the start date, as set forth in the Authorization to Proceed. **The Respondent understands and accepts the provisions of the Contract Documents relating to liquidated damages of the Project if not completed on time.** Complete the additional requirements of the Proposal which are included on the following pages.

SECTION 02829
GATE OPERATOR

1.00 GENERAL

1.01 SECTION INCLUDES

- A. Sliding Gate Operators
- B. Gate Control Equipment

1.02 RELATED SECTIONS

- A. Section 02820 Chain Link Fence and Gates
- B. Division 16 Electrical

1.03 QUALITY ASSURANCE

- A. Printed instructions, installation procedures and details of equipment manufacturers and suppliers
- B. Upon completion of installation, check equipment and components to ensure proper and safe function; correct any defects or deficiencies.

1.04 SUBMITTALS

- A. Changes in specifications may not be made after the bid date.
- B. Manufacturers.
- C. Components, materials, colors, attachments and fittings.
- D. UL325, I, II, III & IV Listings.

2.00 PRODUCTS

2.01 MATERIALS

- A. Obtain operators and gates, including accessories, fittings, and fastenings from a single source.

2.02 GATE OPERATORS

- A. For 20' to 30' gates – HySecurity model SlideDriver 50VF2/3– 230V AC Phase-Single or approved equal.
 - 1. Full Systems Capability
 - 2. Inherent Obstruction Sensing
 - 3. External Obstruction Sensing
 - 4. Obstruction Sensing Alarm
 - 5. Master/Slave Operation
 - 6. Gate Movement Warning

7. Long Distance Control Wiring
8. Solenoid-Activated Brake
9. Safety Loop Connections
10. Delay on Reverse
11. On/Off Switch
12. Limit Switches
13. Left Hand/Right Hand Selectable
14. Automatic Shut Down
15. Timer to Close
16. Power Train Disconnect

2.03 ACCESS CONTROL EQUIPMENT

A. Card Reader System

1. Reference Section 13550.

2.04 GATE SAFETY

- A. Obstruction loops at entry and exit
- B. Warning signs
- C. Roller guards for external roller style gates – wheels must be covered

3.00 EXECUTION

3.01 EXAMINATION

- A. Make field measurements and verify locations before installation

3.02 INSTALLATION

- A. Install in a workmanlike manner in conformance with manufacturer's printed instructions and details.
- B. Anchor or install electric operator on a concrete foundation. Using ½ x 4 ½ Hilti Quick bolt concrete stud type anchors.
- C. Installer must have at least 2 years previous experience in gate operator installations.
- D. Installer must provide service after the sale and be able to respond in a reasonable time should trouble occur.
- E. Installer must provide references from job of a like nature.
- F. Must provide drawings showing layout and typical locations for all equipment that is being supplied.
- G. Licensed electrician must perform all electrical connections.
- H. Supply electrical power to operator through its own dedicated circuit breaker.

3.03 CLEANING

- A. Clean up debris and unused material and remove from site.

END OF SECTION

QUESTIONS AND ANSWERS

1. **Question:** We are bidding on the cathodic protection portion of the above referenced project. However the specifications have a large section about cathodic protection (They are on pages 613-621 of the specs). The plans have no cathodic protection details or drawings. Can you please provide these for me?
 1. **Answer:** Refer to Section 13115 “Cathodic Protection – Steel Pipeline” for additional information. Per Section 13115, the cathodic protection subcontractor shall be the designer of the cathodic protection system. Contractor will be responsible for submitting cathodic protection design and calculations to the Engineer. No additional details or drawings will be provided by the Owner.

2. **Question:** On sheet C-2, are all the trees marked “Significant” and “Heritage” inside the property line supposed to be removed?
 2. **Answer:** The Tree Preservation Plan on sheet C-20 details which trees shall be removed and which trees shall remain in place.

3. **Question:** Are only the areas disturbed to be hydromulched?
 3. **Answer:** Per Environmental and Erosion Control Note #2 on sheet G-2, the Contractor is required to re-seed disturbed areas within TxDOT R.O.W. with native vegetation seed. In addition, the contractor will be responsible for all damages to the property outside of the designated working limits, including revegetation cost.

4. **Question:** Will a Geotech report be made available for download?
 4. **Answer:** The Geotechnical Report will not be available for download. SC-3 of the Special Conditions states, “Existing Conditions – A Geotechnical Report has been developed for SAWS on this project and upon request will be made available for Contractors for informational purposes only. Please contact Maria Franco, Contract Administrator, at mfranco@saws.org or at 210-233-3405. SAWS will require the execution of a SAWS disclaimer form by the Contractor as a condition of and prior to the release of the report.”

5. **Question:** WEG Electric is in receipt of the subject inquiry and we are aware of a handful of projects within SAWS that we hope to bid on.

Currently, we are not included in your Approved Vendor List (AVL).

WEG Electric Corp is a global manufacturer of motors and motor control systems, and we compete with vendors on your approved list daily, often winning many projects on the merit of our quality system.

Can you please tell me what the process is to be added to your AVL for this and other SAWS projects?

5. **Answer:** All products must be reviewed and approved by the SAWS Product Standards Committee. The product submittal application can be found at www.saws.org.
6. **Question:** Will the contractor be reimbursed monetarily from Bid item 4 for the electrical usage once permanent power is setup, especially during the start-up and commissioning phase? This is a very hard dollar amount to figure during bid time.
 6. **Answer:** The cost of power for start-up and commissioning will be reimbursed from Bid Item No. 4. Modifications to the Price Proposal are made in Addendum No. 2, Part 1 – Bidding and Contract Requirements, Item No. 1; and Section 01130 in Addendum No. 2, Part 2 – Technical Specifications, Item No. 2.
7. **Question:** In the specs, the Davis Bacon Wage sheet is classified as Building. Is this job not classified as Heavy and Highway? The last few SAWS Pump Station bids have been classified as Heavy and Highway.
 7. **Answer:** Addendum No.1, Part 1 – Bidding and Contract Documents, Item No. 1 shall include the wage listing for heavy and highway construction. Due to the project scope of work that includes both building and heavy construction, it is decided to incorporate both wage rates. Any work on the building, inside the building, and related to any building appurtenances will require using building rates. This includes the concrete work on the electrical building crawlspace. It does not include the ground storage tank.
8. **Question:** It looks like the Sleeve Valve specification on the DSP Southeast Tank and Pump Station has the same problem as the Twin Oaks Project. Except in this specification (15116) it only lists one manufacturer and that is “Henry Pratt Company”. It also states that “No other manufacturers will be considered”.

Can you please clarify that this is what SAWS is requesting and it is not a cross-over specification from an older Freese and Nichols specification? It seems like having this one

valve “sole sourced” in this manner is going to prevent numerous manufacturers from being able to offer a proposal and not to mention the price elevation SAWS will see from this.

I am not sure that you are the correct contact for this; if you aren't can you please let me know who to contact. I really appreciate your help. I had hoped that we could have worked this out before another job was out for bid that now proposes the same problems.

8. **Answer:** Valve manufacturer shall be as specified in Section 15116. Per Section 5.11 “Equal Material” of the General Conditions (page GC-30), requests for product substitutions will not be accepted until after the Contract has been awarded. There shall be no product approval during the bid phase other than what is already stated in the Specifications.
9. **Question:** Specification section 02626 for steel pipe lists approved manufacturers for this project and our company is not on the list. We have successfully supplied pipe for many SAWS projects in the past and we would like to be added to the approved manufacturers list.

Originally the WRIP projects for SAWS included an approved manufacturers list but since our company had not been included in that list the specifications were changed so that no one was listed but specific experience requirements were included. By doing this we were able to quote on the pump stations and the pipelines. We would ask that something similar be done on this project or again, our name be added to the approved list. Sean Reich with SAWS was my contact on the WRIP projects and you could always contact him to see what steps were taken to include us and why.

We can also send a list of previous SAWS projects we have completed for your review. Thank you for your consideration. Please feel free to call me with any questions.

9. **Answer:** Addendum No. 2, Part 2 – Technical Specifications, Item No. 3 includes Mid America Pipe in Section 02626.
10. **Question:** Section 11212:
 - 1.01.C – States the Motor manufacturer shall provide a representative who is capable of coordinating the design, testing and installation of the motors. – These motors are 200HP and 100HP our technicians do not require assistance from the motor manufacturer. If absolutely required to meet spec we will add. Was this part of a larger spec project and maybe just left in as an oversight?

10. **Answer:** Modifications to Section 11210 are made in Addendum No. 2, Part 2 – Technical Specifications, Item No. 5.

11. **Question:** 1.04.B.3 – Provide CTR for stress relieving of components – and section 2.01.A.3 – states equipment manufacturer shall thermally stress relieve **all** fabricated components, and pump/motor base prior to final machining. – we would typically stress test a very large pump base only – is this really required? It will more than triple costs.

11. **Answer:** Modifications to Section 11210 are made in Addendum No. 2, Part 2 – Technical Specifications, Item No. 5.

12. **Question:** 2.01.K.1. – We do not recommend Belzona coating on the impeller.

12. **Answer:** Modifications to Section 11210 are made in Addendum No. 2, Part 2 – Technical Specifications, Item No. 5.

13. **Question:** For pump units PZ830 – Qty 4 pumps spec calls for Suction to be minimum of 12” and Discharge to be minimum of 10” – Our pump is 10x8 At the required 200HP.

13. **Answer:** Addendum No. 1, Part 2 – Technical Specifications, Item No. 11 shall revise the minimum suction and discharge for PZ830 pump units to be 8” and 6”, respectively.

14. **Question:** For pump units PZ2 – Qty 3 pumps spec calls for Suction to be minimum of 10” and Discharge to be minimum of 8” – Our pump is 8x6... again at the required 100HP.

14. **Answer:** Addendum No. 1, Part 2 – Technical Specifications, Item No. 11 shall revise the minimum suction and discharge for PZ2 pump units to be 8” and 6”, respectively.

15. **Question:** I have reviewed the spec’s on the DSP S.E. Tank and Pump Station Project and there is a sole source Sleeve valve. We represent a competitor to the specified valve and would like to be able to bid the project. With one only Sleeve valve allowed the other valves on the job will be tied to the sleeve valve and there will not allow competition on all the valves. I would be happy to submit on the Blackhall Sleeve valve if you would like me to

15. **Answer:** Per Section 5.11 “Equal Material” of the General Conditions (page GC-30), requests for product substitutions will not be accepted until after the Contract has been awarded. There shall be no product approval during the bid phase other than what is already stated in the Specifications.

16. **Question:** Page 10, #9 of the Geotech reads, “For the pump stations, control valves, flow meters, transformer pad, and buildings, consideration should be given to completing the final 6 inches of the pad with crushed limestone base to help provide a more “all-weather” working platform.” The plans do not show this. Will this be required?

16. **Answer:** No, this will not be required. The only required all-weather working platform is the mud slab below the electrical building. For all other areas, the contractor may install a 6” crushed limestone pad at his or her discretion.

17. **Question:** Please find a brochure on the Blackhall Sleeve Valve. We are submitting it for your consideration. Blackhall is a very well respected valve manufacture based in the U.K. and has been vetted and approved by Tarrant Regional Water District and AECOM to manufacture the 5- 108” gate valves for their Integrate Pipeline project. They have been making Sleeve Valves longer than any other manufacture and it would be a benefit to SAWS to have more competition on sleeve valves. Please pass the attached information to the necessary parties so we may get approval in time to bid the valves on the DSP S.E. tank & Pump station project. I am glad to get you more information on Blackhall if needed or answer any questions you may have.

17. **Answer:** Valve manufacturer shall be as specified in Section 15116. Per Section 5.11 “Equal Material” of the General Conditions (page GC-30), requests for product substitutions will not be accepted until after the Contract has been awarded. There shall be no product approval during the bid phase other than what is already stated in the Specifications.

18. **Question:** Specification section 02626-2.01, calls for C213 fusion bond epoxy coating and lining of the steel pipe. It also says lining repair shall be per AWWA C213. The same pipe specification calls for field welded joints. How will the lining be repaired? C213 allows heat shrink sleeves to repair the coating but calls for heating the pipe and using a powder coating. Is that what will be required to repair the lining. I don't think that will be possible for these small diameters. Even if C210 epoxy is allowed to repair the pipe, hand holes will have to be supplied to reach in and do the repairs.

If fusion bond epoxy is going to be required for lining all of the pipe, we suggest that you use flanged connections or sleeve couplings so no repair is needed.

18. **Answer:** Additional outlets are allowable as needed by the Contractor per Specification Section 02626, 1.03.1.b.2. Lining repair shall be as specified. Alternate coating repair methods may be proposed during Construction for consideration by the Owner and Engineer.

19. **Question:** 02626-2.02,D. says in part - "Pipe that has a diameter of 48" or smaller together with pressure class of 250 psi or lower may have welded joints....."

On the next page under para. 2. Lap Welded Slip Joints - it basically says these field welded joints are only acceptable for pipe 54" and larger. So are we using a different type of welded joint for the 48" and smaller? Going back to the first question above, do you really want a field welded joint with 24" and smaller pipe with FBE lining and coating?

19. **Answer:** Refer to Addendum No. 2, Part 2 – Technical Specifications, Item No. 3. All joints will be welded, as specified in drawings.

20. **Question:** With reference to the steel pipe, all of the drawings call out - "ALL NON-FLANGED PIPE AND FITTINGS SHALL BE WELDED." Again this really goes back to the questions above - If welded field joints are required or allowed what kind will they be - slip-bell or butt welded and how will the lining be repaired?

20. **Answer:** Refer to Sheet SD-5, Detail 4. Welded joints will be slip-bell. Refer to 3 Part 3 – Technical Specifications, Item No. 2.

21. **Question:** Will there be any detail sheets pertaining to the Cathodic Protection?

21. **Answer:** Refer to Section 13115 "Cathodic Protection – Steel Pipeline" for additional information. Per Section 13115, the cathodic protection subcontractor shall be the designer of the cathodic protection system. Contractor will be responsible for submitting cathodic protection design and calculations to the Engineer. No additional details or drawings will be provided by the Owner.

22. **Question:** Will there be any detail sheets or specs pertaining to the road boring?

22. **Answer:** Refer to sheet SD-6, which contains boring and casing details.

23. **Question:** On sheet S-2/4, is that detail showing a Mud Slab or compacted granular material?

23. **Answer:** Detail 4/S-2 is showing compacted granular material.

24. **Question:** I seem to remember that Odessa Pumps being involved with the engineering on the project in the beginning. I do not see that we are shown as approved. Can you please ask if Pentair specifically Aurora would be considered for this project. We can submit the curves that meet / exceed the specifications as shown. Let me know if you should need anything further. Thank you.

24. **Answer:** Acceptable pump manufacturers are listed in Specification Section 11210, 1.02. No other manufacturers will be accepted.
25. **Question:** Butterfly Valve Flanges. Flanges for 250 PSI rated AWWA butterfly valves are available in a 250# drilling or a 125# drilling. Review of the Butterfly Valve specification and the Steel Piping specification did not reveal the flange drilling requirement. Please specify the flange drilling requirement.
25. **Answer:** Modification to Section 15103 is made in Addendum No. 2, Part 2 – Technical Specifications, Item No. 11.
26. **Question:** Sleeve Valve Operating Conditions. Review of the Sleeve Valve specification did not reveal the operating conditions for the sleeve valve. Section 3.04 A indicates that this type of information is attached to the specification. We did not find the information. Please specify the operating conditions for the sleeve valve.
26. **Answer:** Modifications to Section 15116 are made in Addendum No. 2, Part 2 – Technical Specifications, Item No. 12.
27. **Question:** On sheet C-21, Note 4 states a 6” layer of mulch will be required inside the RPZ Zone. Detail 2 states 3” of mulch? Please advise.
27. **Answer:** Per the CoSA UDC, the mulch layer needs to be a minimum of 6” in thickness.
28. **Question:** On sheet C-21, there is a Tree Preservation Calculation table. It states a fee of \$200 per inch? Is this a table we are supposed to complete and pay \$200 fee per inch of tree removed?
28. **Answer:** Based upon the tree preservation calculations, there are no tree mitigation fees required for this project. Refer to last line of Tree Preservation Calculation table on Sheet C-21.
29. **Question:** Can an allowance be given for tree pruning (Detail 1/C-21)? With the number of trees to remain, it is a very hard dollar figure to come up with without knowing which trees need to be pruned and to what extent. This could be a rather large number without pertinent data.
29. **Answer:** The pruning requirements are on a case-by-case basis to be determined during construction by the SAWS inspector and/or in coordination with the City inspector. If a tree is near the work area and overhanging branches, etc. are

conflicting with the progress of construction, then the plan detail describes the procedure to prune the branches. Contractor shall include pruning costs as necessary to construct the project and meet the tree preservation requirements of the contract documents.

30. **Question:** What type of mulch is needed for the tree protection scope (2/C-21)?

30. **Answer:** Trees to be removed on site may be used as mulch for tree protection activities.

31. **Question:** 1.03 3. a. The 2nd sentence requires that the pump, motor and baseplate be tested as one piece at the factory. Flowserve's test stand in Chesapeake, VA can accommodate the pump and motor but not the baseplate. Flowserve requests a specification change to delete the baseplate, coupling and guard from the factory performance test.

31. **Answer:** Modification to Section 11210 is made in Addendum No. 2, Part 2 – Technical Specifications, Item No. 5.

32. **Question:** 1.03 3. e. A chemical property report is not offered on cast or ductile iron components. Flowserve requests a clarification specification section.

32. **Answer:** Metallurgical analysis shall be completed in accordance with Specification Section 11210, 1.03.B.3.e.

33. **Question:** 1.08 A. 9. Clarification: Is the intent of the specification to provide a complete NSF61 certified pump or to provide a pump with materials that meet NSF Standard 61? Flowserve is NSF61 certified for 316SS fitted pumps with Pota-Pox interior coating. Belzona and Scotchkote are not covered under the NSF61 certification for the LR split case line.

33. **Answer:** A NSF 61 certified pump is not required. Specification Section 11210, 1.08.A.9 states that all wetted materials shall meet NSF 61. Refer to paragraph 2.01.K.1, for NSF coating systems for potable water. Per Section 5.11 "Equal Material" of the General Conditions (page GC-30), requests for product substitutions will not be accepted until after the Contract has been awarded. There shall be no product approval during the bid phase other than what is already stated in the Specifications.

34. **Question:** 1.08 B.1. Pumping Conditions for PZ830: Table requires a minimum operating head of 150' TDH. Performance curve indicates a minimum operating head condition of 190' on the MD, Minimum Head system curve. Flowserve requests a spec change to 190' for the minimum operating head on PZ830.

34. **Answer:** Addendum No. 2, Part 2 – Technical Specifications, Item No. 5 shall revise the minimum operating head for PZ830 to 165 feet.
35. **Question:** 1.08 B.1. Pumping Conditions for PZ2: Table requires a minimum operating head of 100' TDH. Performance curve indicates a minimum operating head condition of 100' on the MD, Minimum Head system curve. Flowserve requests a spec change to 100' for the minimum operating head on PZ2.
35. **Answer:** Addendum No. 2, Part 2 – Technical Specifications, Item No. 5 shall revise the minimum operating head for PZ2 to 90 feet.
36. **Question:** 1.08 C. Flowserve requests a specification change to allow for a minimum 6" discharge diameter and minimum 10" suction diameter on the PZ830 table. Flowserve requests a specification change to allow for a minimum 6" discharge and minimum 8" suction diameter on the PZ2 table.
36. **Answer:** Specification modification made in Addendum No. 1, Part 2 – Technical Specifications, Item No. 11.
37. **Question:** 2.01 B. Flowserve requests a specification change to allow for Class 25 cast iron in the first sentence.
37. **Answer:** Class 25 cast iron will not be allowed. Modifications to Section 11210 are made in Addendum No. 2, Part 2 – Technical Specifications, Item No. 5.
38. **Question:** 2.05 C. Flowserve will guarantee vibration limits meeting HI Standards. Please remove "...a maximum of 50% of..." from the last sentence.
38. **Answer:** Comment acknowledged. Vibration limits to remain as specified.
39. **Question:** 3.02 B. 3. Flowserve will guarantee vibration limits meeting HI Standards. Please remove "... 50% of..." from the last sentence.
39. **Answer:** Comment acknowledged. Vibration limits to remain as specified.
40. **Question:** Section 13541, Page 19, Article 2.12.G indicates the hatch shall be rated for a minimum live load of 150 psf. Additionally, the only approved tank hatch is listed as Bilco Type S. The Bilco Type S hatch is only rated for 40 psf. Please confirm the use of a USF Hatch or equal will be acceptable for this project to meet the minimum loading conditions.
40. **Answer:** Addendum No. 2, Part 2 – Technical Specifications, Item No. 10 deletes paragraph 2.12.G.2.g entirely.
41. **Question:** Sheet T-3, Tank Section and Elevation, indicates the tank floor slopes from a high point elevation of 610.56 at the center of the tank to a low point elevation of 609.34 at the

tank perimeter; however, when applying the 1% slope from tank center to edge (61 feet), as indicated in detail, one gets to an elevation of 609.95. Please confirm the elevation at the tank perimeter.

41. **Answer:** Addendum No. 2, Part 3 – Drawings, Item No. 2 modifies the tank floor center elevation accordingly.
42. **Question:** Why is SAWS using Building Rates for prevailing wages when all the other similar pump station projects with electrical buildings used Heavy Highway? This will increase the cost of labor since building rates are higher in many cases and it is not customary for owners to use building rates for equipment and electrical rooms.
42. **Answer:** Due to the project scope of work that includes both building and heavy construction, both wage rates have been incorporated. Any work on the building, inside the building, and related to any building appurtenances will require using building rates. This includes the concrete work on the electrical building crawlspace. It does not include the ground storage tank.
43. **Question:** Which activities require us to use the Building Rates? Is it just work inside the building? Does it include the concrete work on the basement under the electrical building? Does it include the Ground Storage Tank? We need clarification as to when we are required to use the Building Rates.
43. **Answer:** Due to the project scope of work that includes both building and heavy construction, it is decided to incorporate both wage rates. Any work on the building, inside the building, and related to any building appurtenances will require using building rates. This includes the concrete work on the electrical building crawlspace. It does not include the ground storage tank.
44. **Question:** Can the contractor get a PDF copy of the preliminary engineering report?
44. **Answer:** The Contract Documents provided for this project shall be the only documents required for contractor to issue their proposal. The preliminary engineering report is not a part of the Contract Documents, however the report may be requested through an open records request.
45. **Question:** It appears that SAWS requires the contractor to hire an independent geotechnical consultant to provide a report for the Ground Storage Tank. Please confirm. Also, based on previous projects it is assumed we cannot use the same geotechnical consultant used in the preliminary engineering report so please identify who we are not allowed to use.
45. **Answer:** As stated in Specification, Section 13541, 1.07.A.3, “Per SC-3 of the Special Conditions, “The Contractor shall retain an independent third party

Geotechnical Consultant to perform an additional geotechnical investigation to design the tank foundation and subgrade. The geotechnical firm retained by the Contractor cannot be the same firm that has provided the geotechnical report referenced within these documents.” SC-3 of the Special Conditions states, “Existing Conditions – A Geotechnical Report has been developed for SAWS on this project and upon request will be made available for Contractors for informational purposes only. Please contact Maria Franco, Contract Administrator, at mfranco@saws.org or at 210-233-3405. SAWS will require the execution of a SAWS disclaimer form by the Contractor as a condition of and prior to the release of the report.”

46. **Question:** If there is a discrepancy between the scope of excavation and backfill for the Ground Storage Tank in the contract documents and the independent geotechnical report provided by the contractor, will the contractor be responsible for the cost? Or, will it result in a change order?

46. **Answer:** If there is a discrepancy between the contract documents and the independent geotechnical report provided by the Contractor, SAWS should be notified immediately. SAWS Engineering_Inspections_ will then decide if the discrepancy merits any changes to the contract.

47. **Question:** Will SAWS provide chemicals for start up and commissioning?

47. **Answer:** SAWS will provide chlorine for start up and commissioning.

48. **Question:** Is the contract required to pay for power during the 30-day commissioning? Contractor recommends SAWS switch power to their name prior to commissioning to minimize cost included in contractor’s scope.

48. **Answer:** The cost of power for start-up and commissioning will be reimbursed from Bid Item No. 4. Modifications to the Price Proposal are made in Addendum No. 2, Part 1 – Bidding and Contract Requirements, Item No. 1; and Section 01130 in Addendum No. 2, Part 2 – Technical Specifications, Item No. 2.

49. **Question:** If the WRIP 60” piping and valve are not in place when contractor is ready to tie in what do we do?

49. **Answer:** The WRIP project is scheduled to be completed by April 1, 2016. SAWS does not anticipate any issues with tying in the DSP Southeast project with the WRIP line.

50. **Question:** In the Division 13 there are several references to HMI, SCADA, and PCS, please confirm that this is actually the existing SAWS DYNAC® ES SCADA system. If this is not the case, please identify the system(s) in more detail and whether they are existing or new.

50. **Answer:** This facility will be integrated with SAWS existing Dynac system.

51. **Question:** Specification section 13300 1.01 A. states that the PCSI is responsible for PLC application programming and associated testing, startup and training. However, several other sections within 13300 and other Division 13 sections imply that the ASP is responsible for the PLC programming work. Examples are 13300 1.03 C. Input/Output (I/O) List Submittal 4.e. “LOGICAL POINT ADDRESS: Since the ASP is performing the programming on the project, then leave this field blank for use by the ASP.” and 13305 1.01 K. which states that “The ASP shall provide all process controller programming...” and 1.01 K. 6. States “Provide HMI graphics and configuration, PLC programming...” 13302 3.01 D. 3. States “...The PCSI shall coordinate with the ASP to obtain the PLC programming software...” 13302 3.02 C. states “The ASP supplier(s) shall load the application software on the PLC...”. Please clarify the PLC programming responsibility.

51. **Answer:** The PCSI will be responsible for PLC programming. Refer to Addendum No. 2, Part 2 – Technical Specifications, Item Nos. 7, 8, and 9.

52. **Question:** Specification 13305 3.01 F. states “The ASP shall bring a working system to allow for a live demonstration of the various software tools”. Please refer to question 1. above and provide specific details of the “working system” for pricing purposes, i.e., required hardware, software and quantities, etc.

52. **Answer:** For the Preliminary Graphics Workshop, the ASP shall bring the minimum hardware and software required to satisfy all requirements of the specifications.

53. **Question:** Specification 13328 2.09 F. states “Each UPS shall provide Ethernet connectivity to tie into the Plant Control System network. Status alarm and performance information shall be integrated with the HMI for alarming and indication purposes.” Please provide specific details of how the information shall be integrated with the HMI for alarming and indication purposes, i.e, communication protocol etc. Also please specify exactly which alarm and status points (quantities and type) are to be integrated into the HMI system. Note specification 13300 1.03 C. 1. States “The PCSI shall develop and submit the system I/O list that includes all I/O identified in the project drawing P&IDs and specification section 13405.” We were unable to locate section 13405 and the UPS I/O points are not shown on the P&IDs.

53. **Answer:** Specification Section 13405 was not and will not be included. The reference to specification section 13405 has been deleted. Refer to specification Section 13400-21, 3.02.U for minimum UPS monitoring requirements. Refer to Addendum No. 2, Part 2 – Technical Specifications, Item Nos. 7, 8, and 9.

54. **Question:** Specification 133001.06 C. 2. States “The ASP shall provide 24-hour Service Contract for the length of the warranty period” Please provide more specific details of the required 24-hour service contract, i.e., remote telephone support with remote access, on-site support etc.

54. **Answer:** The service contract requirements shall include telephone support as far as possible. If necessary, ASP shall provide on-site support for correction of any errors and/or omissions in order to fully meet all requirements of the Contract Documents. Refer to Addendum No. 2, Part 2 – Technical Specifications, Item Nos. 7, 8, and 9.

55. **Question:** In reference to SAWS solicitation B-14-062-MF – DSP Southeast Tank and Pump Station Project, we would like to request that SAWS and the Engineer (Freese and Nichols) consider adding Bailey Valve to specification section 15116 for Sleeve Valves. We have included the DSP Sleeve Valve specification, the Bailey Model B-5 supporting information, and additional information from another project stating the reason Pratt is not equal to the Bailey design. In addition, Black & Veatch included Bailey Valve in the specification for the SAWS Twin Oaks Project that bid a few weeks ago.

The valve we would like to add is the 10” model B-5 class 150 # sleeve valve. The valve meets the requirement of the specification with the exception of the body material being ductile iron. Ductile iron possess the following benefits over steel:

- Better vibration dampening
- Improved strength to weight ratio
- Improved machinability
- Reduced machining allowance
- Lower component cost
- More strength per dollar
- Reduced component weight

Bailey valve has been producing the model B-5/305 since the mid 1970’s with over 2000 installations worldwide. Pratt has only been producing their latest design that does not infringe on the BVI patent for 2 – 3 years with only 1 or 2 installations. I’ll forward the Pratt valve design iterations that got them thrown out of the Pinellas, FL job.

We can also offer an extended warranty at no cost over the 3 years to help with the spec addition.

If any other information is required or if there are questions regarding the attached material, please feel free to contact us

55. **Answer:** Valve manufacturer shall be as specified in Section 15116. Per Section 5.11 “Equal Material” of the General Conditions (page GC-30), requests for product substitutions will not be accepted until after the Contract has been awarded. There shall be no product approval during the bid phase other than what is already stated in the Specifications.

SAN ANTONIO WATER SYSTEM
DSP Southeast Tank and Pump Station Project

Project Nos. 13-6102 (DSP) & 13-6005

Solicitation No. B-14-063-MF

Mandatory Pre-Proposal Meeting and Non-mandatory Site Visit

October 2, 2014 at 10:00 a.m.

SAWS Customer Service Building, Conference Room 145

NOTE: THE PRE-PROPOSAL MEETING NOTES ARE PROVIDED FOR REFERENCE ONLY AS FOLLOWS:

Introduction (Juan Rodriguez)

- The meeting was facilitated by Juan Rodriguez (SAWS Project Engineer), Maria Franco (SAWS Contract Administrator), Sandra Rios (SAWS Payroll Specialist), and David Bennett (Freese & Nichols). Also in attendance were Estella Cota (Freese & Nichols) and Jim Pedraza (SAWS Project Manager). All parties introduced themselves to the Respondents.
- This was a mandatory pre-proposal meeting. The site visit following the meeting was non-mandatory. Only those firms represented at the meeting by signing in on the sign-in sheet provided may submit as a prime contractor for this project.

Contract Requirements (Maria Franco)

- The estimated project construction cost is **\$9.3 million**.
- Project shall be completed within **540** calendar days after notice to proceed.
- Insurance – Found in Section 5.7 of the General Conditions. There are no modifications to the requirements, including the requirement to carry Builder’s Risk insurance.
 - Insurance must be compliant prior to executing the contract.
 - Selected contractor must be compliant with all other contracts in order for SAWS to award the contract.
- Evaluation Criteria - Is outlined within the Supplementary Instructions to Respondents and is as follows:

Background, Experience, Qualifications	35%
Project Approach, Safety and Quality Control	25%
Price	30%
Small Minority, Women, Business Participation	10%
- SMWB
 - The aspirational SMWB goal for this project is 17%.
 - However, since this is a RFCSP, each Respondent’s Good Faith Effort Plan (GFEP) will be scored based on the criteria outlined on pages, SIR-3 thru SIR-4 of the Supplementary Instructions to Respondents.
 - Failure to do so may result in reduced points or a non-responsive proposal.
 - Questions re: SMWB may be addressed by Marisol Robles. Her contact information is located on the GFEP and her business cards are in the back.

- Evaluation Process
 - This project is being procured through an alternative delivery method, specifically, Request for Competitive Sealed Proposal (RFCSP).
 - SAWS will select the contractor that can provide the best value to SAWS.
 - SAWS will have 45 days to review the proposals.
 - Once selected, SAWS may negotiate with the contractor, and if negotiations aren't successful, SAWS may formally end negotiations and go to the next qualified contractor.
- Proposal Packet Preparation
 - In order to submit a proposal for this project, it is a requirement that Respondents have previous experience as outlined in Section B, on page SIR-1 of the Supplementary Instructions to Respondent.
 - Respondents should ensure that the proposals submitted address each item requested by SAWS on pages SIR-1 through SIR-3.
 - Failure to do so may result in reduced points or a non-responsive proposal.
 - Responses should be project specific, whenever possible. "Boilerplate" responses are not recommended.
 - References provided to SAWS must include accurate, up to date contact information previously verified by the Respondent.
 - Points for price will be calculated using the Total Price Proposal Amount. The formula for price evaluation is outlined on page SIR-3.
 - Proposers should utilize the Proposal Checklist to ensure all required items are submitted.
 - SAWS will need 1 Original and 7 copies. The price proposal shall be submitted in separate envelope.
- Additional Reminders
 - This is a mandatory pre-proposal meeting. The site visit is not mandatory. Only those firms that are represented here today by signing in on the sign-in sheet may submit as a prime contractor for this project.
 - If you have not done so already, please register through SAWS Vendor Registration Program on the SAWS website at www.saws.org to ensure access to the latest information including the posting of Addendums.
- Key Dates
 - Questions regarding the SMWB Program or the Good Faith Effort Plan may be sent directly to the SAWS Program Manager, Marisol Robles, up until the submission deadline.
 - Her email address is Marisol.Robles@saws.org and her phone number is 210-233-3420.
 - All other questions should be sent in writing to the attention of Maria Franco by email or fax no later than Fri., Oct. 3, by 4:00 p.m.
 - Maria's email address is mfranco@saws.org and her fax number is 210-233-4622.
 - Contractors should not contact the SAWS project engineer, the consultant for this project or any other SAWS staff up until Board award.

- Addendum and answers to questions submitted will be posted Wednesday, October 8, 2014, by 4:00 p.m.
- The deadline for submitting proposals is Tuesday, October 14, 2014 no later than 10:00 a.m.
 - Late proposals will not be accepted and will be returned unopened.
 - If mailing proposals, ensure that sufficient time is allowed for the package to reach SAWS.
 - If proposals will be delivered in person to SAWS, Respondents should allow sufficient travel time, as well as time to check in at the guard station.

Questions Regarding Submittals (Maria Franco)

- No questions regarding submittals were asked.

Certified Payroll Requirements (Sandra Rios)

- Respondents should note that wages listed for this project follow the General Conditions portion of the DSP Southeast Tank and Pump Station solicitation.
 - Wages are set by the Department of Labor.
- All wage payrolls are open for Sandra Rios’ review.
 - Sandra will be performing random and unannounced visits.
 - Employee interviews will be confidential.
- SAWS uses LCPtracker.com as a pay tracker
- When contract is awarded, more payroll instruction will be given out. Posters to be displayed by contractor will also be provided.
- Apprenticeships, regardless of trade, must be approved by the Department of Labor.
- Respondent asked why the “Building” wage listing was used instead of the “Heavy and Highway” wage listing. Juan explained that buildings are part of the project scope, but that the “Heavy and Highway” wage listing will be included in Addendum No. 1.
- Respondent asked how to differentiate what wage listing to use. Juan explained that the “Building” wage listing should be used for the building and anything associated with the building, including the crawl space under the building,

Project Overview and Scope of Work (Juan Rodriguez and David Bennett)

- Project Schedule – Project shall be completed within **540** calendar days after notice to proceed.
- Project requires significant site clearing and a following of the stipulations in the tree permit application. Heritage and significant trees will be removed.
- Scope of Work – Construction of following items:
 - 3.5 MG pre-stressed concrete ground storage tank;
 - Dual outdoor booster pump stations, yard piping, and related appurtenances;
 - Electrical and control building;
 - Chlorine building and chlorine injection system;
 - Piping connection to future SAWS Water Resources Integration Pipeline (WRIP) and piping connections to existing SAWS 12-inch and DSP 16-inch water mains;

- Concrete driveway, automatic gates, fencing, and other related appurtenances;
- All site work, including paving, grading, and drainage;
- Electrical controls, instrumentation, SCADA, and site security and lighting
- Critical Project Items
 - Specification 01030 details the project critical items
 - Connection to existing SAWS PZ2 12-inch water pipeline - located across 1604 highway from site; specification 01030 outlines special sequencing for connection
 - Connection to existing DSP PZ830 16-inch water pipeline - also fronts property; specification 01030 outlines special sequencing for connection
 - On-site security guard required when chlorine is on site; up until chlorine is on site, contractor is responsible for security of project equipment and materials
- Permit Allowances
 - There are three project allowances
 - CoSA site work allowance
 - CPS power connection allowance
 - On-site security guard allowance
- Liquidated damages for this project are \$6,700.00 a day as stated in Supplemental Conditions.

Questions

1. Question: Will the 16-inch line connection and re-routing need to be performed according to the shutdown schedule specified in Specification 01030?
Answer: The bypass for the 16-inch line is intended to keep the line in service. The contractor has the option to sequence the installation of the bypass in the most efficient way while following the requirements of Specification 01030.
2. Question: Does SAWS anticipate the 60" WRIP line to be completed during the construction of the DSP project?
Answer: Construction of the projects should be concurrent.
3. Question: When does SAWS anticipate the project going to Board for Award?
Answer: The project is anticipated to go to Board for Award in December 2014.
4. Question: Specification 13305 specifies an ASP and specification 13300 specifies a PCSI. What is the intent?
Answer: It is suggested that this question be officially submitted so that the electrical engineer can provide a response
5. Question: Is the Geotech report available for review?
Answer: The Contractor shall request for the geotech report via email to Maria Franco by filling out a request form. SAWS will then provide the geotech report.
6. Question: The contractor is responsible for providing their own geotech report. Can the same geotechnical consultant used for the existing report be used for the contractor's report?

Answer: No, the contractor must use a different geotechnical consultant.

7. **Question:** Will the contractor have to provide the chlorine?

Answer: No, SAWS will provide the chlorine.

8. **Question:** Contractor will be responsible for power startup costs. Does this include the 30 day commissioning time?

Answer: SAWS will need to look into this question. It is suggested that this question be officially submitted so that SAWS can respond.

9. **Question:** Does the geotech report or the structural design take precedence? Should the bid be based off of the current design?

Answer: Bid should be based off of the current plans. If there is question over a specific item regarding the Geotech report or structural design it should be submitted so that the engineer can respond.

10. **Question:** If the contractor's geotech report does not coincide with the plans, what should the contractor do?

Answer: This issue would be addressed during construction. SAWS should be notified immediately if there is a discrepancy and SAWS will determine if any modifications to the contract are required.