



**SAN ANTONIO WATER SYSTEM  
CENTRAL WATER INTEGRATION PIPELINE BITTERS PUMP  
STATION & SEGMENT 5-3**

**SAWS JOB NUMBER 18-8613  
SOLICITATION NO. CO-00184**

**ADDENDUM NO. 5  
August 10, 2018**

**To Bidder of Record:**

This addendum, applicable to work referenced above, is an amendment to the bidding documents and as such will be 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 provide in submitted copies of the proposal.

**CLARIFICATIONS**

1. Question number 56 from Addendum No. 4 is being corrected as part of this Addendum to ensure consistency with the Required Documents Matrix provided in Addendum No. 4.
2. A version of page 11 from the Supplementary Instructions to Respondents has been included as part of this addendum. This version (of this page only) should be used if the Respondent is submitting as a Joint Venture.
3. Respondents must use the revised Price Proposal attached to Addendum 4 if submitting a proposal for this project. Failure to do so could result in the proposal being found non-responsive.

**QUESTIONS AND ANSWERS**

Addendum 4 – Remove and replace Question #56 from Addendum No. 4 and replace with the answer provided in the Questions and Answers table below.:

**QUESTIONS AND ANSWERS**

Question No.	Question	Answer
1	What kind of PVC pipe do you want for the 44” GST perimeter drain?	The use of Schedule 40 PVC pipe will be acceptable.
2	Sheet E-2204, please provide details for EMH-1 and HH-1.	Details for electrical manholes and handholes have been added. This is reflected in the changes to SHEET E-2293 per Addendum No. 4.

Revised Question and Answer 42 from Addendum 4	Specification: 15055.1.01.D: "As part of the CONTRACTOR'S Bid Documents, the Contractor shall submit the following manufacturer information..." This was not part of the bid checklist, is it the owners intent to receive this information before or after the bid?	The information requested in specification 15055 is to be provided within the submittal under this specification during construction and not as part of the bid.
Revised Question and Answer 56 from Addendum 4	If all SIR Forms & Resumes count toward the 50 page maximum, there is a minimum of 10/11 pages required from each subcontractor & that's only if we get just the PM & Super information and not the "foreman & other", as are included. If we include 1 set of forms from an Electrician, a tank sub, and a pipeline/tunnel sub – that's 30-33 pages before we submit any of our own items (40-44 if the pipeline & tunneling sub aren't the same). There are approximately 19 pages required from us before we give anything for the schedule and approach. We'd like to request that the subcontractor forms and/or the resumes be removed from the maximum 50 page count or that the 50 pages be adjusted upwards so that we can still submit a meaningful schedule and approach. (Or could you clarify if I'm misinterpreting what is supposed to be included in the 50 page count, please). It just seems that with all that is required, we will hit 50 pages before we can include the discussion on the items below.	<b>Subcontractor forms WILL count toward the page maximum. Subcontractor resumes WILL NOT count toward the 50 page maximum</b>

**REVISIONS TO CONTRACT DOCUMENTS AND TECHNICAL SPECIFICATIONS**

**CHANGES TO THE SPECIFICATIONS**

1. PROPOSAL CERTIFICATION

Remove the Proposal Certification in its entirety and replace with the revised version included in this Addendum. This version should be used by Respondent's when submitting a proposal.

2. SUPPLEMENTARY INSTRUCTIONS TO RESPONDENTS

a) Page SIR-3, sub-bullet one (1) under bullet three (3) of C.1.a.v, delete the following paragraph in its entirety:

If Respondent is organized as a corporation, partnership, LLP, LLC or joint venture, submit complete financial statements, including a Balance Sheet, Income Statement and Statement of Cash Flows, prepared in accordance with generally accepted accounting principles, for the current fiscal year-to-date, and the most recent three complete fiscal years. Footnote disclosures must accompany the submitted year to date financial statements. If available, financial statements audited or certified by an independent certified public accountant should be submitted; otherwise, a notarized statement certifying the accuracy of the financial information and signed by an officer of the proposing entity must accompany the financial information. If any entity has been in existence less than three (3) years, the information shall be provided for the period of existence.

And replace with:

If Respondent is organized as a corporation, partnership, LLP, LLC or joint venture, submit complete financial statements, including a Balance Sheet, Income Statement and Statement of Cash Flows, prepared in accordance with generally accepted accounting principles, for the most recent three complete fiscal years. Footnote disclosures must accompany the submitted year to date financial statements. If available, financial statements audited or certified by an independent certified public accountant should be submitted; otherwise, a notarized statement certifying the accuracy of the financial information and signed by an officer of the proposing entity must accompany the financial information. If any entity has been in existence less than three (3) years, the information shall be provided for the period of existence.

## **REVISIONS TO DRAWINGS**

### **SHEET E-2235 – BITTERS PS ELECTRICAL HSP PUMP RISER DIAGRAM**

a) Remove Sheet E-2235 in its entirety and replace with the revised version included in this Addendum.

The remainder of the bid documents remain unchanged.

This addendum is comprised of **6** pages (including attachments).



**Jaime Kypuros, P.E.**  
Tetra Tech, Inc.

**END OF ADDENDUM 5**

# PROPOSAL CERTIFICATION

Accompanying this proposal is a Bid Bond or Certified or Cashier's Check payable to the Order of the San Antonio Water System for \_\_\_\_\_ dollars (\$ \_\_\_\_\_), which amount represents five percent (5%) of the total bid price. Said bond or check is to be returned to the bidder unless the proposal is accepted and the bidder fails to execute and file a contract within **10** calendar days after the award of the Contract, in which case the check shall become the property of said San Antonio Water System, and shall be considered as payment for damages due to delay and other inconveniences suffered by said San Antonio Water System due to the failure of the bidder to execute the contract. The San Antonio Water System reserves the right to reject any and all bids.

It is anticipated that the Owner will act on this proposal within **90** calendar days after the bid opening. Upon acceptance and award of the contract to the undersigned by the Owner, the undersigned shall execute standard San Antonio Water System Contract Documents and make Performance and Payment Bonds for the full amount of the contract within **10** calendar days after the award of the Contract to secure proper compliance with the terms and provisions of the contract, to insure and guarantee the work until final completion and acceptance, and the guarantee period stipulated, and to guarantee payment of all lawful claims for labor performed and materials furnished in the fulfillment of the contract.

It is anticipated that the Owner will provide written Authorization to Proceed within **30** days after the award of the Contract.

The work called for in this Contract shall commence on the date indicated in the SAWS written Authorization to Proceed Under no circumstances shall the work commence prior to the date provided for in the SAWS issued, written Authorization to Proceed. Work shall be completed by **June 30, 2020**.

The undersigned further acknowledges compliance with "Wage and Labor Standard Provisions" of this contract and the use of the Blue Book rental rates for establishment of equipment rental rates whether owned or leased during the course of this Contract.

In completing the work contained in this proposal the undersigned certifies that bidder's practices and policies do not discriminate on the grounds of race, color, religion, sex or national origin and that the bidder will affirmatively cooperate in the implementation of these policies and practices.

Signed: \_\_\_\_\_  
Company Representative

\_\_\_\_\_  
Company Name

\_\_\_\_\_  
Address

Please return bidder's check to:

\_\_\_\_\_  
Company Name

\_\_\_\_\_  
Address

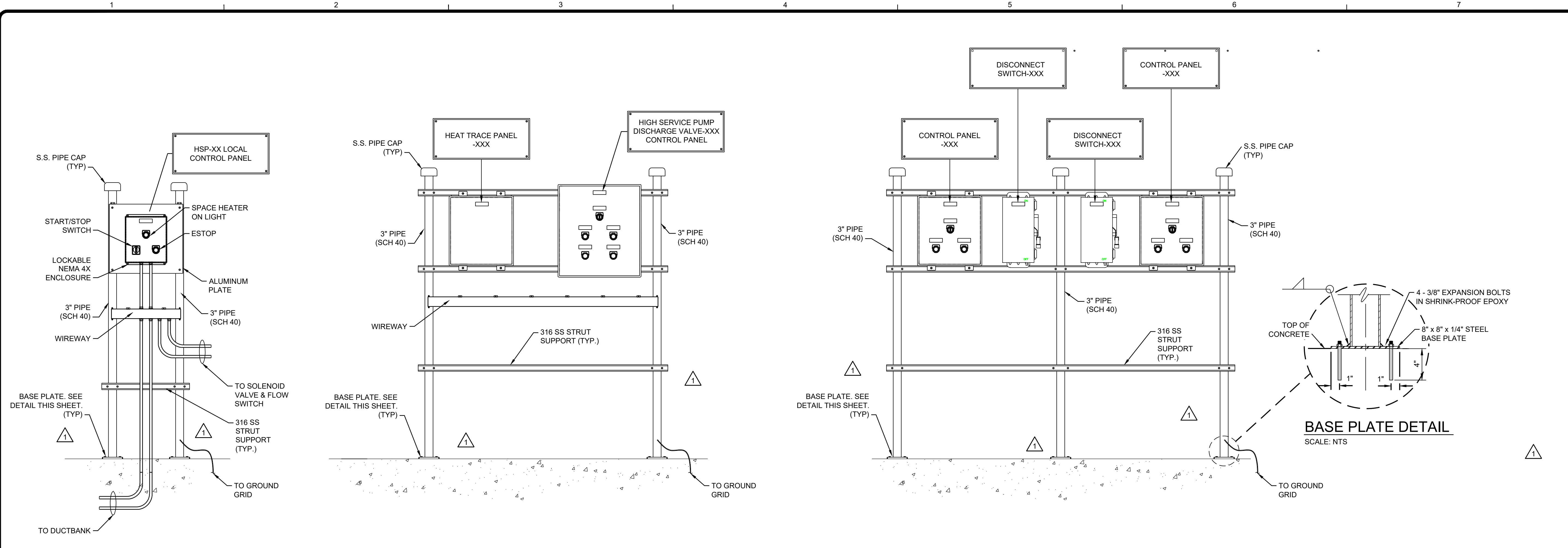
**Project: Central Water Integration Pipeline Bitters Pump Station Project & Segment 5-3**

**Question and Answer Form** **Solicitation No.: CO-00184**

**Addendum No. 5** **Job No.: 18-8613**

Question No.	Question	Answer
1	Plan sheet E2205, duct bank section A, indicates (1) 4" conduit going to each of the HSP motors. HOWEVER, addenda 4, revised diagram 4, indicates that the conduit size to be 3" serving the motor, and also shows another 3" spare to be furnished which does not appear on the section detail on E2205. Can you clarify the correct conduit size/qty to the HSP motors?	One (1) 4" conduit for each HSP will be required. This is reflected in the changes to SHEET E-2235 per Addendum No. 5.
2	Background: With respect to the finish grade immediately outside the tank, Section "A" in Sheet S-2231 and Section "A" in D-2230 (both in Addendum No. 3) contain the instruction that for Finish Grade elevation we must consult the Civil Drawings. According to civil drawing Sheets C-2212, C-2216 and C-2217 (Plan), finish grade is 865'. However, according to many other drawings (including Section B in Sheet S-2231, and the cross-sections in C-2217) and Q&A Item 6 of Addendum No. 3, finish grade is 6" below the top of the footing, namely at elevation 866.5'. Question: Please confirm that the correct finish grade elevation is 6 inches below the top of the tank footing, namely at 866.5'; and that therefore the finish grade elevation 865' shown in Sheets C-2212, C-2216 and C-2217 is incorrect.	The correct tank finished floor elevation is 867.0 and the correct ground finish grade adjacent to the tank footing is 866.5 as shown on sheets C-2216 and C-2217 issued in Addendum 4.
3	Background: According to Section 13207-2.04.B.1 of the tank specs, drawing Sheet S-2231 (Section B), and page 12 of the July 16, 2018 geotechnical report, the minimum width of the footing shall be 5 feet "to facilitate the bearing capacity." However, given that the maximum contact pressure under the tank is just below 3,000 psf, or only 75% of the design value, the bearing-capacity requirement can be satisfied with a footing narrower than 5 feet. Question: In view of the note in Sheet S-2231 that the tank manufacturer is responsible for determining the footing dimensions, is the tank manufacturer permitted to design the width of the ring footing based on the allowable soil bearing capacity of 4,000 psf?	Bid is to be submitted based on minimum footing width of 5 feet.
4	Background: The seismic site classification (Site Class C) and the mapped spectral acceleration values (SS = 0.077g & S1 = 0.030g) for the Bitters PS site are the same in Sheet S-2200 as in Table 3 of the geotechnical report. However, Sheet S-2200 also provides values for the design spectral acceleration values SDS and SD1, which appear to be incorrect as they are not consistent with a Site Class C. [The correct values for a Class C site are SDS = 0.062g and SD1 = 0.034g rather than 0.049g and 0.020g, respectively] Question: Please confirm that (a) the design spectral acceleration values SDS and SD1 given in Sheet S-2200 are not correct because they are not consistent with the site classification and the mapped spectral acceleration values SS and S1 also provided in the same drawing, and (b) we are permitted to calculate the correct SDS and SD1 consistent with those parameters.	The seismic design parameters of SS = 0.077g and S1 = 0.030g shall govern for bidding purposes.

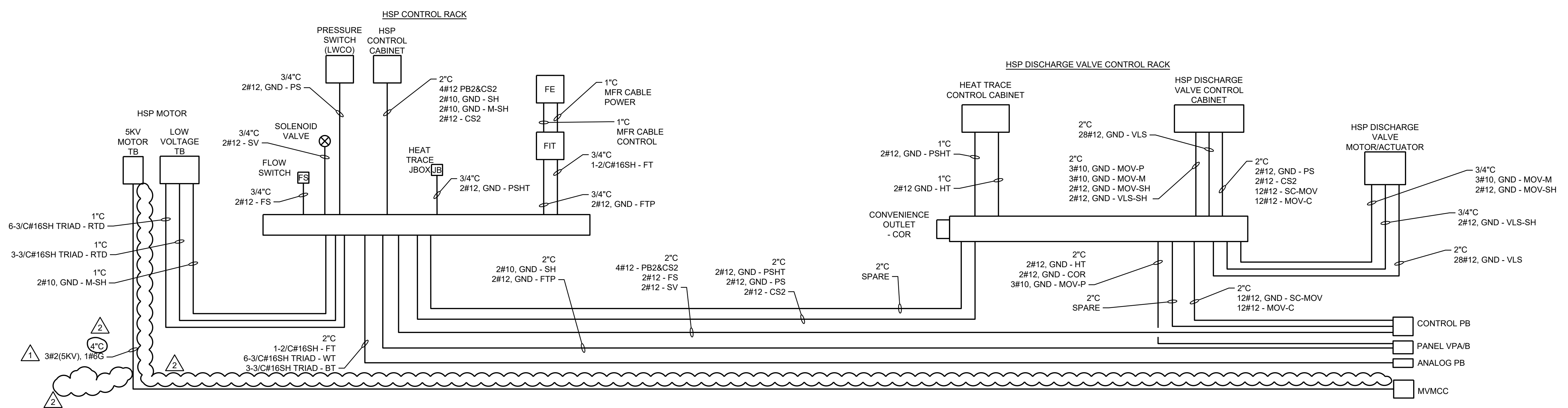
8/10/2018 2:19:16 PM - O:\PROJECTS\SAN ANTONIO\09308\200-09308-18001-C\CAD\SHEETFILES\BITTERS PS ELECTRICAL HSP PUMP RISER DIAGRAM.DWG - JOHNSON, EDWARD



**1 HIGH SERVICE PUMP LOCAL CONTROL PANEL**  
SCALE: NTS

**2 HSP DISCHARGE VALVE LOCAL CONTROL RACK**  
SCALE: NTS

**3 VALVE CONTROL PANEL RACK DETAILS**  
SCALE: NTS



**4 HIGH SERVICE PUMP RISER DIAGRAM**

**TETRA TECH**  
Texas Registration No. F-3924  
www.tetratex.com  
700 N. St Mary's, Suite 300  
San Antonio, TX 78205  
Ph (210) 299-7900 Fax (210) 226-9497  
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BID SET

**SAN ANTONIO WATER SYSTEM**

MARK	DATE	DESCRIPTION
BY	TG	
EDJ		
ADDENDUM NO. 4		
ADDENDUM NO. 5		

SAN ANTONIO WATER SYSTEM  
CENTRAL WATER INTEGRATION PIPELINE  
BITTERS PS IMPROVEMENTS  
**HSP PUMP RISER DIAGRAM**

PROJ:	200-09308-18001
DESN:	AJK
DRWN:	EDJ
CHKD:	TDG

**E-2235**

Bar measures 1 inch, otherwise drawing is not to scale