



Turtle Creek No. 3 Primary Pump Station Project
Solicitation Number: CO-00404-SM
Job No.: 21-6001

ADDENDUM NO. 1
SEPTEMBER 7, 2021

To Respondent of Record:

This addendum, applicable to work referenced above, is an amendment to the bid proposal, plans and specifications 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 on the space provided in submitted copies of the Respondent Questionnaire.

RESPONSES TO QUESTIONS

- 1. Question: I see that Henry Pratt is not listed among the manufacturers for the air release valves and the Double door check valves. I was wondering if SAWS would be willing to consider adding them as approved manufacturers. Henry Pratt has provided both product lines to SAWS for many years and the ARV line is currently pending review for addition to the SAWS Standard Spec. Please let me know if you have any questions or need and documentation to be able to make your decision.**

Response: No other manufacturers will be allowed for the double door check valves or air release valves.

- 2. Question: Pg. 1814 of this bid solicitation speaks of a floor scale for the tank. Are alternate but equivalent scales a possibility or must it be one of these two brands?**

Response: No approved equals will be allowed for the tank scale.

- 3. Question: Regarding the above-referenced project, there are several RTP-1 FRP tanks and appurtenances we wish to quote. Our manufacturer, Strand Composites, Inc. is not listed as one of the approved manufacturers in Specification 44-42-76, even though the specification writer listed only RTP-1 Certified manufacturers to be approved. Strand Composites was one of the first RTP-1 Approved and Certified manufacturers approved by ASME and offers products superior to and competitive with those listed in the specification. Can you please provide information as to whom we may contact to get the appropriate approval enabling us to provide a competitive bid on this project?**

Response: No approved equals will be allowed for the RTP-1 FRP tanks.

- 4. Question: According to the Boring Summary Table on page 2 of the October 2019 geotechnical report, Boring B-11 is located within the "OSG Building" location. However, according to drawing Sheet C-6, Boring B-11 is within, and in the east-northeast quadrant of, the proposed tank footprint. Can we assume that Boring B-11 does, in fact, lie within the proposed tank footprint?**

Response: Boring B-11 is located within the tank footprint while Boring B-2 is located within the OSG building footprint. Refer to Special Conditions Item SC1 regarding the Geotechnical Data Report.

- 5. Question: The attached sketch, Fig. 1, shows the actual gross contact pressures imposed by the tank under tank-full conditions, and the tolerable settlement limits. (a) Considering the properties of the**

natural soils at the bottom of the proposed excavation and replacement (8' below existing grade), can we assume that those properties justify an allowable soil bearing pressure of 4,000 psf to 4,500 psf?

Response: The Geotechnical Data Report has been made available for Contractors for informational purposes only. Refer to Special Conditions SC1 for additional information regarding the Geotechnical Data Report. Per Specification Section 33 16 13.18 1.07.A.1.c the Contractor is responsible for hiring an independent geotechnical engineering firm to prepare a geotechnical report in which all tank foundation related designs will be based on. Thus, the independent geotechnical report should define whether the natural soils justify the noted allowable soil bearing pressure.

- 6. (b) Given the actual contact pressures shown in Fig. 1, can we assume that the total and differential settlement limits shown in that sketch will not be exceeded?**

Response: The Geotechnical Data Report has been made available for Contractors for informational purposes only. Refer to Special Conditions SC1 for additional information regarding the Geotechnical Data Report. Per Specification Section 33 16 13.18 1.07.A.1.c the Contractor is responsible for hiring an independent geotechnical engineering firm to prepare a geotechnical report in which all tank foundation related designs will be based on. Thus, the independent geotechnical report should define whether the total and differential settlement limits will not be exceeded.

- 7. Question: Section 33 16 13.18-1.05.H.3 of the tank specs contains two statements that seem to conflict with other parts of the bid documents. Please confirm that the following two statements in that section are, in fact, to be ignored: (a) "If required by the geotechnical report, a structural foundation must be incorporated into this Project". However, the available geotechnical report of October 2019, provides only field exploration and test result information but no recommendations or requirements.**

Response: The Geotechnical Data Report has been made available for Contractors for informational purposes only. Refer to Special Conditions SC1 for additional information regarding the Geotechnical Data Report. Per Specification Section 33 16 13.18 1.07.A.1.c the Contractor is responsible for hiring an independent geotechnical engineering firm to prepare a geotechnical report in which all tank foundation related designs will be based on. Thus, the independent geotechnical report should define whether structural foundations are required for the construction of the proposed improvements.

- 8. (b) The tank must be designed "..to resist the maximum hydrostatic uplift forces.." However, based on the requirement of Section 33 16 13.18-1.05.B of the specs, the design subsurface water elevation is at the top of final grade at the tank (namely the same as tank FFE) and therefore, there are no net hydrostatic pressures acting on the tank.**

Response: Section 33 16 13.18, paragraph 1.05.B has been updated per Item No. 10 in the CHANGES TO SPECIFICATIONS section of this addendum. Per Specification Section 33 16 13.18 1.07.A.1.c, the Contractor is responsible for hiring an independent geotechnical engineering firm to prepare a geotechnical report in which all tank foundation related designs will be based on. Thus, the independent geotechnical report should confirm whether hydrostatic uplift forces can be expected for the proposed improvements.

CHANGES TO THE SPECIFICATIONS

- 1. Delete and Replace Section Price Proposal in its entirety.**
- 2. Section 00 23 00 Special Conditions, Item SC1**
 - a. Delete** "The Contractor shall hire an independent Geotechnical Engineer listed in the State of Texas as necessary to prepare the ground storage tank, pump station, building foundation, chemical tank foundation, and equipment pad designs." **and replace with** "The Contractor shall hire an independent Geotechnical Engineer listed in the State of Texas to prepare a geotechnical

report as necessary to prepare the ground storage tank, pump station, building foundation, chemical tank foundation, and equipment pad designs.”

3. Section 01 29 00 Payment Procedures, Item No. 17

- a. **Delete** “Item No. 17: Pre-Purchased Equipment: Onsite Sodium Hypochlorite System” **and replace with** “Item No. 17: Pre-Negotiated Equipment: Onsite Sodium Hypochlorite System”

4. Section 01 29 00 Payment Procedures, Item No. 17, Paragraph 2

- a. **Delete** “Measurement – Measurement for the item “Pre-Purchased Equipment: Onsite Sodium Hypochlorite System” will be of the actual cost of the onsite sodium hypochlorite system equipment and appurtenances.” **and replace with** “Measurement – Measurement for the item “Pre-Negotiated Equipment: Onsite Sodium Hypochlorite System” will be of the actual cost of the onsite sodium hypochlorite system equipment and appurtenances.”

5. Section 01 29 00 Payment Procedures, Item No. 18, Paragraph 2

- a. **Delete** “Measurement – Measurement of Item 17 will be by lump sum as the work progresses. If the Lump Sum price for Item 17 exceeds the allowable maximum stated for Mobilization and Demobilization, Owner reserves the right to cap the amount at 7% and adjust the extension of the bid item accordingly.” **and replace with** “Measurement – Measurement of Item 18 will be by lump sum as the work progresses. If the Lump Sum price for Item 18 exceeds the allowable maximum stated for Mobilization and Demobilization, Owner reserves the right to cap the amount at 7% and adjust the extension of the bid item accordingly.”

6. Section 01 29 00 Payment Procedures, Item No. 18, Paragraph 3

a. **Delete:**

- i. “Payment – Partial payments of the lump sum bid for mobilization will be as follows:

1. _____
2. _____”

and replace with:

- i. “Payment – Partial payments of the lump sum bid for mobilization will be as specified in Section 01 29 73 “Schedule of Values”.”

7. Section 01 29 00 Payment Procedures, Item No. 19, Paragraph 1

- a. **Delete** “Description – This item shall include mobilization and demobilization costs associated with the Turtle Creek No. 3 Primary Pump Station Project scope. This item shall include project move-in and move-out of personnel and equipment, for all work including furnishing all labor, materials, tools, equipment and incidentals required to mobilize, demobilize, bond and insure the work for the project in accordance with the Contract Documents, complete in place.” **and replace with** “Description – This item shall include demobilization and remobilization costs associated with the Turtle Creek No. 3 Primary Pump Station Project scope. This item shall include project move-out and move-in of personnel and equipment, for all work including furnishing all labor, materials, tools, equipment and incidentals required to demobilize, remobilize, bond and insure the work for the project in accordance with the Contract Documents, complete in place.”

8. Section 01 29 00 Payment Procedures, Item No. 19, Paragraph 3

a. **Delete:**

- i. “Payment – Partial payments of the lump sum bid for mobilization will be as follows:

1. _____
2. _____”

and replace with:

- i. “Payment – Each Intermediate Demobilization and Remobilization shall only be authorized upon a written directive from the Owner. Related Work shall include furnishing all labor, materials, tools, equipment and incidentals required to demobilize from the Project and remobilize to the Project, in accordance with the Contract Documents, complete in place.”

9. Section 01 29 73 Schedule of Values, Paragraph 1.03.E.14.b:

- a. **Delete** “Mobilization will be limited to ten percent of the Contract Price and will be paid as follows:” **and replace with** “Mobilization will be limited to seven (7) percent of the Contract Price and will be paid as follows:”.

10. Section 33 16 13.18, Paragraph 1.05.B:

- a. **Delete:**

Tank Name	5.0 MG Ground Storage Tank
Minimum Storage Capacity	5.0 million gallons
Dimensions:	
Inside Diameter	150 feet
Wall Height	T.B.D. by tank manufacturer and approved by the Engineer
Side Water Depth	40 feet
Liquid Unit Weight	62.4 lb/ft ³
Capacities:	
Maximum Fill Rate	25 MGD
Maximum Drawdown Rate (normal operation)	25 MGD
Maximum Head on Overflow Weir	11 inches
Design Subsurface Water Depth	Top of Proposed Final Grade at Tank

and replace with:

Turtle Creek No. 3 Ground Storage Tank	
Minimum Storage Capacity	5.0 million gallons
Dimensions:	
Inside Diameter	150 feet
Wall Height	T.B.D. by tank manufacturer and approved by the Engineer
Side Water Depth	±39.65 feet
Liquid Unit Weight	62.4 lb/ft ³
Capacities:	
Maximum Fill Rate	25 MGD
Maximum Drawdown Rate (normal operation)	25 MGD
Maximum Head on Overflow Weir	11 inches

CHANGES TO THE PLANS

1. None

CLARIFICATIONS

1. The Project estimate has decreased from \$30,684,046 to \$29,500,300.

END OF ADDENDUM

This Addendum, including these five (5) pages, is nine (9) pages with attachments in its entirety.

Attachments:

Attachment 1 – Price Proposal



Estella Cota-Trevino, P.E.
Freese and Nichols, Inc.

Attachment 1
Price Proposal

PRICE PROPOSAL

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

THE SAN ANTONIO WATER SYSTEM:

Pursuant to Instructions and Invitation for Competitive Sealed Proposals, the undersigned proposes to furnish all labor and materials as specified and perform the work required for the project as specified, in accordance with the Plans and Specifications for the following prices in the bid proposal to wit:

PLEASE SEE ATTACHED LIST OF BID ITEMS.

RESPONDENT'S SIGNATURE & TITLE

FIRM'S NAME (TYPE OR PRINT)

FIRM'S ADDRESS

FIRM'S PHONE NO. /FAX NO.

FIRM'S EMAIL ADDRESS

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

OWNER RESERVES THE RIGHT TO ACCEPT THE OVERALL MOST RESPONSIBLE PROPOSAL.

The Respondent offers to construct the Project in accordance with the Contract Documents for the contract price, and to complete the Project within **720** 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.

Statement on President's Executive Orders

Has your firm previously performed work subject to the President's Executive Orders Numbers 11246 and 11375 or any preceding similar executive orders (Numbers 10925 and 11114)?

Yes No

Item No.	Description	Unit	Estimated Quantity	Unit Price	Extended Amount
1	Trench Excavation Safety Protection	LF	1568	\$ _____	\$ _____
2	Site Improvements	LS	1	\$ _____	\$ _____
3	Yard Piping	LS	1	\$ _____	\$ _____
4	Well Pumps and Piping	LS	1	\$ _____	\$ _____
5	Ground Storage Tank (5 MG)	LS	1	\$ _____	\$ _____
6	Sodium Hypochlorite Metering System and Hydrofluorosilicic Acid System, including appurtenances for complete system(s)	LS	1	\$ _____	\$ _____
7	High Service Pump Station (12.5 MGD Firm Capacity)	LS	1	\$ _____	\$ _____
8	Buildings	LS	1	\$ _____	\$ _____
9	Sound Abatement Equipment	LS	1	\$ _____	\$ _____
10	Electrical and Instrumentation Improvements	LS	1	\$ _____	\$ _____
11	SCADA Programing Services and Instrumentation Controls	LS	1	\$ _____	\$ _____
12	Site Security	LS	1	\$ _____	\$ _____
13	Cathodic Protection	LS	1	\$ _____	\$ _____
SUBTOTAL PRICE PROPOSAL (Items 1-13)					\$ _____
14	Start-Up and Commissioning Allowance	ALL	1	\$ <u>50,000</u>	\$ <u>50,000</u>
15	Permitting Allowance	ALL	1	\$ <u>20,000</u>	\$ <u>20,000</u>

Item No.	Description	Unit	Estimated Quantity	Unit Price	Extended Amount
16	CPS Energy Allowance	ALL	1	\$__150,000__	\$__150,000__
17	Pre-Negotiated Equipment – Fully Furnished Onsite Sodium Hypochlorite Generation System including bulk brine storage tank and appurtenances for a complete system	ALL	1	\$__1,138,000__	\$__1,138,000__
18	Mobilization (Maximum 7% of Line Items 1-13 & 17)	LS	1	\$_____	\$_____
19	Intermediate Demobilization and Remobilization	EA	1	\$_____	\$_____
TOTAL PRICE PROPOSAL (Items 1-19)					\$_____

Mobilization shall be limited to the maximum percentage shown. **If the percentage exceeds the allowable maximum stated for mobilization, SAWS reserves the right to cap the amount at the percentages shown and adjust the extensions of the bid items accordingly.**