



Naco Ground Storage Tank Rehabilitation Project
Solicitation Number: B-18-007-JAM
Job No.: 17-0113

ADDENDUM 1
April 18, 2018

To Bidder 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 bid proposal.

RESPONSES TO QUESTIONS

- 1. Drawing C1 calls for 346 LF of handrail around the roof perimeter...the bid form is calling for 700 LF. Which one of these quantities is correct?**
The linear footage (LF) for Additive Alternate A-1 should be 346 LF not 700 LF as listed in the Bid Proposal. Reference the "Changes to the Specifications" Section of this Addendum, for the Revised Bid Proposal.
- 2. Details on sheet C9 are calling out quantities of rafter channels and angles... are these included in the bid form quantities, or are these in addition to what is in the bid form quantities?**
Quantities shown on the Bid Proposal are inclusive of the quantities shown on the plans for rafter channels and angles.
- 3. Details 3 and 6 note removing and replacing rafter hardware... is this hardware replacement included in the unit price rafter items on the bid form?**
No, Item 1 of Proposal is inclusive of hardware replacement. The rehabilitation of the tank shall include the replacement of all nuts, bolts, and washers for all rafter connections regardless of whether rafter replacement is required. The supplemental items are separate items to be used on an as needed basis, determined by the SAWS Inspector, Engineer, and Contractor.
- 4. Bid item A1 is for 700 linear feet of handrail. Drawing C1 calls for 346 lineal feet. Is the balance of this handrail going to be used elsewhere? Is the handrail at the hatches part of the base bid or alternate?**
See Response to Question 1 and Reference the "Changes to the Specifications" Section of this Addendum, for the Revised Bid Proposal. Yes, all hatches and handrail other than that labeled as Additive Alternate A-1 is included in the Base Bid.
- 5. Drawing C1 detail 3 calls for us to seal all cracks 0.1" or wider. Can you provide us with a quantity to base our bid on? (same question for the grout repair)**
No, Item 1 of Bid Form is inclusive of seal and grout. The quantity of cracks is not known and will not be provided. A site visit was held on April 11, 2018 to allow potential bidders to visit the site. Item 1 of the Bid Proposal is inclusive of the grout. Grout repair is required around the entire perimeter of the tank between the steel floor plate and the concrete foundation.
- 6. Drawing C2 general note #2 states to have the manufacture inspect the valves prior to installation. Who is the valve manufacturer?**
Val-matic Valve and Manufacturing Corporation is the manufacturer for the valves.

7. **Drawing C9, detail 4- Please provide a quantity for us to base our bid on?**
Approximately 50 cathodic protection caps are located on the tank.
8. **Would it be acceptable to remove side panels large enough to provide equipment access inside the tank?**
Per Technical Specification 13200-2(3.01)(B), Existing manways shall be used for access to the interior of the tank. No door sheet will be allowed.
9. **Would it be possible to get a couple of the as-built drawings of the existing tank?**
As-built drawings will not be provided.
10. **Drawing says to remove and replace center vent with Detail 1, C7. This detail shows a 48" vent. The picture in the same detail and the spec says to replace 48" with 36". What size is to be replaced?**
The vent shall be replaced with a 36-inch vent as stated by the Specification 13200-2(3.01)(K). Reference the "Changes to the Plans" Section of this Addendum for the revised callout on Detail 1, Sheet C7.
11. **Will the 48" and 60" valves be supplied by SAWS?**
Yes, these valves will be provided by SAWS. Refer to Sheet C2- VALVE REPLACEMENT AND SEQUENCING PLAN- GENERAL NOTE 1.
12. **Is a full-time security guard required?**
Yes, a fulltime security guard is required. Refer to Specification 01500(1.08)(A).
13. **Will it be required to provide testing equipment as noted in the summary work?**
Yes, testing equipment is required to be provided to SAWS. Refer to Specification 01010(1.01)(F).
14. **Coating spec says SW, Carboline, and Tnemec only but it also lists PPG products in the material section. Is PPG allowed?**
Yes, PPG is an approved Coating Manufacturer. Reference the "Changes to the Specifications" Section of this Addendum, for the revisions to Specification 09910(1.05)(B).
15. **Specs says to replace the overflow access ladder but it doesn't show it on the drawings. Is that required?**
Yes, the overflow ladder shall be replaced per Detail 1, Sheet C8 of the Plans.
16. **Tentative schedule?**
The contract duration is 215 days from Notice to Proceed to Final Completion. Reference the "Changes to the Specifications" Section of this Addendum, for the Revised Bid Proposal.
17. **I would like to see if we could schedule a site visit on the structural/Welding part of the Naco job?**
A non mandatory site visit was held on April 11, 2018. No other visits are scheduled between April 11, 2018 and April 25, 2018.

CHANGES TO THE SPECIFICATIONS

1. **BID PROPOSAL- DELETE the Bid Proposal in its entirety and REPLACE with Bid Proposal provided in Addendum No. 1.**
2. **SECTION 09910 STEEL WATER STORAGE TANK PAINTING – Article 1.05(B) ADD the following:**
 - 4. PPG Industries, Inc.

CHANGES TO THE PLANS


1. SHEET C1 – SITE IMPROVEMENT PLANS – REVISE and REPLACE note “Alternate A-1: 346 LF of handrail per Detail 12, Sheet C6. Handrail to be installed around perimeter” with the following:
 - “Alternate A-1: 346 LF of handrail per Detail 2, Sheet C6. Handrail to be installed around perimeter”.
2. SHEET C9 – TANK INTERIOR UPGRADES (2 OF 2) – REVISE and REPLACE note for DETAIL 3 – INTERIOR SHELL DETAIL: “Approx. (25) 1/2” x 3” x 3/8” angle approximately 5’ to 6’ long, to be removed and replaced”.
 - “Approx. (25) 1/2” x 3” x 3/8” angle approximately 34’ long, to be removed and replaced”.
3. SHEET C7 – TANK EXTERIOR ROOF UPGRADES – REVISE and REPLACE note for DETAIL 1 – CENTER DOME VENT DETAIL: “48” Dia. Always Safe Tank (AST) vent as manufactured by Advance Tank Construction (Custom Size)”.
 - “36” Dia. Always Safe Tank (AST) vent as manufactured by Advance Tank Construction (Custom Size)”.

END OF ADDENDUM

This Addendum, including these 3 pages, is 6 pages with attachments in its entirety.

Attachments:

- Bid Proposal

 4-18-18
Kendall NeSmith, P.E.
Kimley-Horn and Associates, Inc.



BID PROPOSAL

PROPOSAL OF _____, a corporation

a partnership consisting of

an individual doing business as

THE SAN ANTONIO WATER SYSTEM:

Pursuant to Instructions and Invitation to Bidders, 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 to wit:

BASE UNIT PRICES:

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY.	UNIT PRICE (Figures)	TOTAL (Figures)
1.	Naco Ground Storage Tank Rehabilitation – Furnish all materials, labor, equipment and superintendence for the rehabilitation of a 7.5 million gallon ground storage tank, replacement of tank inlet and outlet valves, mobilization and demobilization in accordance with the contract plans and specifications complete in place.	LS	1	\$ _____	\$ _____
S-1.	Furnish all materials, labor, equipment and appurtenances for “Interior Grinding”, complete in place.	MH	100	\$ _____	\$ _____
S-2.	Furnish all materials, labor, equipment and appurtenances for “Pit Welding”, complete in place.	SQ. IN.	100	\$ _____	\$ _____
S-3.	Furnish all materials, labor, equipment and appurtenances to “Repair and Replace Roof Rafters (Approximate Dimensions: 10-inch x 2-inch x ½-inch C-Channel)”, complete in place.	LF	2,000	\$ _____	\$ _____
S-4.	Furnish all materials, labor, equipment and appurtenances to “Repair and Replace Roof Rafters (Approximate Dimensions: 7-inch x 2-inch x ½-inch C-Channel)”, complete in place.	LF	800	\$ _____	\$ _____
S-5.	Furnish all materials, labor, equipment and appurtenances to “Repair and Replace Roof Rafter Stiffeners (Approximate Dimensions: 2.5-inch x 3-inch x 3/8-inch Angle)”, complete in place.	LF	850	\$ _____	\$ _____

S-6.	Furnish all materials, labor, equipment and appurtenances for "Repair and Replace Weir Box Steel Plate", complete in place.	SQ. FT.	20	\$ _____	\$ _____
S-7.	Furnish all materials, labor, equipment and appurtenances for "Seam Welding", complete in place.	LF	100	\$ _____	\$ _____
S-8.	Furnish all materials, labor, equipment and appurtenances for "Pit Filling", complete in place.	GAL	20	\$ _____	\$ _____
S-9.	Furnish all materials, labor, equipment and appurtenances for "Additional Work", complete in place.	MH	500	\$ _____	\$ _____

TOTAL PRICE (BASE ITEM 1 + ITEMS S-1 THROUGH S-9) \$ _____

ADDITIVE ALTERNATE:

THE FOLLOWING ITEM SHOULD BE COMPLETED BY THE BIDDER. THIS ITEM MAY BE USED IN THE EVALUATION OF BIDS. OWNER RESERVES THE RIGHT TO AWARD A CONTRACT WITH OR WITHOUT THE FOLLOWING ADDITIVE ALTERNATE:

ITEM NO.	ITEM DESCRIPTION	UNIT	QTY.	UNIT PRICE (Figures)	TOTAL (Figures)
A-1.	Furnish all materials, labor, equipment and appurtenances for the proper installation of roof safety railing in accordance with the contract plans, complete in place. Roof safety railing to be replaced as part of Additive Alternate A-1 is in addition to the roof safety railing shown to be replaced in the Plans under the Base Bid.	LF	346	\$ _____	\$ _____

TOTAL PRICE (ADDITIVE ALTERNATE ITEM 1) \$ _____

TOTAL PRICE (BASE ITEM 1 + ITEMS S-1 THROUGH S-9 + ADDITIVE ALTERNATE ITEM 1) \$ _____

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

BIDDER'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 BID.

The bidder offers to construct the Project in accordance with the Contract Documents for the contract price, and to complete the Project within **215** calendar days after the start date, as set forth in the Authorization to Proceed, to include the added alternative line item for the Project if elected by SAWS. **The bidder 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 Bid Proposal which are included on the following pages.