



Tinker and Westover Elevated Storage Tanks Demolition Project
Solicitation Number: CO-00603
Job No.: 21-0134

ADDENDUM 1
October 18, 2022

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. Question:** If we fence in the water tanks at both locations, will we be able to drop the metal tank down within the gated area?

Response: *The term “drop the metal tank down” is assumed to mean the tanks will be cut aerially and lowered in pieces within a secured fenced area. Special Condition 7 states “due to limited space and environmental sensitivity of the areas surrounding each EST site, dropping of the EST is not allowed. The use of a crane for lowering the EST is required.”*

- 2. Question:** Is it possible for the water tank located on lackland base for us to precut and pull it over with an excavator? This way it can be a controlled demolition.

Response: *Pulling or tipping over the tanks is prohibited. Special Condition 7 states “due to limited space and environmental sensitivity of the areas surrounding each EST site, dropping of the EST is not allowed. The use of a crane for lowering the EST is required.”*

- 3. Question:** Are there lead samples 50’ around the tanks due to the lead paint located on the water tanks?

Response: *There are no lead samples taken 50-ft from the tanks. The “Limited Asbestos & Lead Base Paint Inspections & Asbestos, Lead, & Chrome Soil Sampling” report notes the location of where the soil samples were taken.*

- 4. Question:** If we are in proper PPE with the lead paint on the tanks, can we cut them like that or will we have to abate where we will be cutting?

Response: *The Contractor shall handle the steel in a manner that keeps the lead-based coating system intact. Lead abatement is not required for cutting through existing coating systems when following the guidance listed in Section 01060 Regulatory Requirements Part 1 1.01.G regarding welding and cutting precautions. This section notes that if the Contractor elects to torch-cut through the existing coating system, adequate worker protection shall be used in accordance with ANSI Z49.1 and OSHA 29 CFR 1926.62.*

- 5. Question:** A. Is there any chance you will reconsider allowing the steel to be recycled?
B. If not, is there any way you could provide a piece of steel, with the paint intact, so that some landfill company could analyze that steel and determine whether or not they will landfill it within 50 miles of Austin? Or, if they want to ship it to a landfill in Nevada? I assume you are reading between the lines and starting to understand that landfilling the steel could be a simple \$80,000 endeavor. Or it could escalate to a \$400,000 endeavor just to landfill the steel.
C. Whereas, if it were allowed to be recycled there would actually be some value in it. To reiterate, please reconsider. If you will not reconsider, please provide pieces steel with the paint intact so that landfills can evaluate whether or not they want to accept it.

- Response:** 5.A. Recycling of the tank steel will not be permitted.
 5.B. A sample will not be provided. The “Limited Asbestos & Lead Base Paint Inspections & Asbestos, Lead, & Chrome Soil Sampling” report, Section C.2. includes calculated Toxic Characteristics Leaching Procedure (TCLP) results based on the samples collected at each tank site.
 5.C. Refer to the response in 5.A. and 5.B. above.
 See section “Changes to the Specifications” part of this Addendum for language pertaining to an environmental allowance that may be authorized to be used by the Owner for hauling the lead-based paint coated steel outside of Bexar County.
- 6. Question:** I believe it was mentioned that around December 13 was an estimated notice to proceed. Hopefully you are not expecting the actual demolition to occur until next year? Please verify?
- Response:** SAWS is anticipating award of the construction contract during the December 6, 2022 Board meeting. Given the holiday season, SAWS will issue the Notice to Proceed for this project in early January, and therefore the actual demolition of the ESTs will occur in 2023. As included in the Contract Documents, this project is to be completed within 210 calendar days upon issuance of the Notice to Proceed.
- 7. Question:** 7.A When I look at section 01920, it states to provide for the services of a CIH or an IH when removal of lead and other heavy metals is to be performed! Again it states [when it is to be performed.] It does not actually say you must perform it.
 7.B. Are you expecting/mandating paint abatement on the cut lines prior to torch cutting?
- Response:** 7.A. As noted in response to Question 4, part of this Addendum, lead paint abatement is not required when following the guidance listed in Section 01060, Part 1, 1.01.G. However, should the Contractor choose to remove the lead-based coatings, then Certified Industrial Hygienist (CIH) or Industrial Hygienist (IH) services shall be provided in accordance with Section 01920.
 7.B. Refer to the response in 7.A.
 See bullet 3 in Changes to the Specifications section of this Addendum.
- 8. Question:** Section 01920 3.01 item 12 – calls for a Decon facility. We read the OSHA regulation to state a Decon facility where feasible. In a short-term project, we do not believe it is feasible. Again, please verify if you are mandating a decontamination facility?
- Response:** Section 01920 Lead Paint Abatement part 3.01.A. states decon facilities are for instances when dealing with leaded paint inside buildings. Since lead containing coatings have been noted on the exterior of the ESTs, decon facilities are not required in this project.
- 9. Question:** 5.A. Section 01920 3.02 – D – protection of soil and grounds. We are certain that if you took soil samples three days in a row. You have wild variations with no work completed on site.
 5.B. Please indicate what depth you want the soil samples taken?
 5.C. Please indicate what level of variation is allowed before remediation measures kick in?
 5.C.1. We have seen specifications that allow for 4 standard deviations.
 5.C.2. We have seen specifications that say as long as the soil samples remain under 1000 ppm to not worry about it.
 5.C.3. As we read your specs they say any variation has to be cleaned up. Please reconsider. And please clarify.
- Response:** 5.A. Refer to bullet 3 in Changes to the Specifications section of this Addendum. Pre- and post-construction soil sampling will provide the Owner data on the concentration of heavy metals.
 5.B. For the Westover EST site, soil samples are to be taken at a depth of 6 inches to match the sampling depth included in the “Limited Asbestos & Lead Base Paint Inspections & Asbestos, Lead, & Chrome Soil Sampling” report. For the Tinker EST site, wipe samples of the asphalted surface shall be taken in a similar fashion as included in the “Limited Asbestos & Lead Base Paint Inspections & Asbestos, Lead, & Chrome Soil Sampling” report.
 5.C. Soil remediation will not be required as the soil is to remain on site. The Contractor is responsible for protecting the soil and surfaces from further contamination. Refer to bullet 3 in Changes to the Specifications section of this Addendum.

10. Question: Section 01920 3.03 item B – 3 – again I perceive this to call out a change area with washing facilities. Again we believe the OSHA regulations is where feasible, we do not consider a short-term project feasible. Same section, item 5 – for example this calls out for air monitoring conducted monthly. Each tank will take us approximately three days. We are not here for multiple months, please reconsider.

Response: Section 01920 3.03. details worker protection requirements. Given the confirmation of lead-containing coatings on the ESTs along with the demolition activities occurring on a military installation, the listed requirements and measures noted in OSHA 29 CFR 1926.62 are to be followed.
Section 01920.3.03.B.3 lists necessary protections for workers. These necessary protection measures shall be modified, as necessary, after the exposure results are received. Should the exposure results indicate a washing facility is not required (results demonstrate that exposure to lead is below the PEL), then the necessary protection measures shall be modified accordingly.
Section 01920.3.03.B.5 –The activities occurring at each demolition site include, but are not limited to, work zone preparation, pre-demolition testing, ground protection, aerial removal of the tank, further tank dismantling on the ground, site restoration, and post-demolition testing. We anticipate the duration of these activities will extend beyond three (3) days. Since lead and other heavy metals have been confirmed on site, as activities occur on site, they have the potential to become airborne. Air monitoring shall be in place for the duration of the demolition activities. Refer to bullet 3 in Changes to the Specifications section of this Addendum.

11. Question: Clarification to the specs on page 137 SC13 say that all the steel must go to the landfill and on page 218; 4. If the metal coated with the lead paint is to be recycled, the two following options are available:

- a. Remove the lead prior to recycling; or
- b. Notify the recycler in writing that the metal contains lead base paint. A copy of the letter must be provided to the Environmental Office with receipt as proof of delivery to the recycler. Which of the two are we to follow?

Response: 11.a Special Condition 13 states “recycling of steel with lead-containing coatings is not permitted.” See item number 3 in Changes to the Specifications section of this Addendum.
11.b. Refer to the Response in 11.a.

CHANGES TO THE SPECIFICATIONS

1. Remove the Bid Proposal in its entirety and replace with the attached updated Bid Proposal.
 2. Revision to Section 01270 Measurement and Payment
 - a. 1.04 Measurement Procedures:
 - i. Add the following language to this section:
 - H. Environmental Allowance
Description – This item shall be for additional sampling, testing, transportation, and disposal costs not included in the Base Bid. The use of this allowance must be approved in advance. Costs associated with additional transportation and disposal will only be approved under this pay item when the nearest solid waste facility that will accept the waste materials is located outside of Bexar County. The Contractor is required to provide documentation as described in Section 02220 in advance of approval of the use of funds from this allowance.
 2. Measurement - Measurement of this item will be by allowance. The Contractor shall submit requests for reimbursement for review and approval by the Owner and the Engineer.
 3. Payment – This item will be paid for on an approval basis. All requests for use of this allowance will be submitted in advance by the Contractor and approved by the Owner and the Engineer.
3. Revision to Section 01920 Lead Paint Abatement
 - a. 1.01.A

- i. Delete and replace the second paragraph in its entirety with the following language:
 - A. The Contractor will be fully responsible for removing, disposing, testing, reporting, etc. all materials containing lead-based paint as stated in this specification. The extent to which abatement and associated activities are required will be entirely dependent upon the means and methods of the Contractor. The Owner will not be held responsible and/or liable for any work done by the Contractor. All costs associated with abatement activities, whether intentional or by accidental disturbance of lead-containing materials, will be borne entirely by the Contractor (including any fees for safety violations).
 - b. 3.02.D
 - i. Delete and replace Section 3.02.D in its entirety with the following language:
 - D. Protection of Soil and Grounds: The Contractor shall protect the soil around the structure to ensure that the soil does not become further contaminated. The ground within the site fencing at each tank site must be protected with a durable and impermeable covering for the duration of tank dismantling and loading activities. This covering must be cleaned and removed following the completion of the tank lowering and removal from each site, and any hazardous waste captured must be disposed of per all applicable regulations.
 - 1. Sampling and analysis shall be performed by the Contractor prior to commencement of tank removal operations to establish a background "base level." Soil samples are to be taken at a depth of 6 inches.
 - 2. The soil sampling procedure shall be as outlined in SSPC Guide 6 (CON) Section 5.5.5. Each sampling point shall be marked to allow return to the exact location upon project completion.
 - 3. Each sample shall be immediately analyzed in accordance with EPA Method 3050, "Acid Digestion of Sediments, Sludges and Soils." Testing and analysis shall be performed by a qualified laboratory approved by the Owner and Engineer.
 - 4. Soil Samples shall be obtained at the completion of work (post-construction samples) from all locations from which pre-construction soil samples were obtained. All samples shall be collected, handled, and tested in the same manner as described above.
 - c. 3.03.E.4:
 - i. Delete the following language from this Section:
 - 4. If the metal coated with the lead paint is to be recycled, the two following options are available:
 - a. Remove the lead prior to recycling; or
 - b. Notify the recycler in writing that the metal contains lead base paint. A copy of the letter must be provided to the Environmental Office with receipt as proof of delivery to the recycler.
 - d. 3.03.E.5:
 - i. Delete and replace Section 3.03.E.5, with the following language:
 - 5. If the metal coated with the lead paint is to be disposed of as construction debris, the landfill accepting the waste must be notified in writing that the metal contains lead base paint. A copy of this letter must be provided to the Owner, with receipt as proof of delivery to the landfill.
- 4. Revision to Section 02220 Demolition**
- a. 3.04.C:
 - i. Delete and replace Section 3.04.C, with the following language:
 - C. The Contractor shall obtain and pay for required demolition permits, hauling fees, disposal

fees, and shall provide proper chain of custody forms and disposal forms that certify proper disposal of waste materials to an approved disposal center within Bexar County.

- i. Should the Contractor not be allowed to dispose of the steel with lead-containing coatings to a Class I solid waste facility located inside Bexar County, the Contractor shall request the use of the Environmental Allowance for additional costs as defined in Section 01270 Measurement and Payment. The Contractor is required to provide the following documentation to both the Owner and Engineer before requesting use of the Environmental Allowance:
 1. Haul quote to the nearest Class I certified solid waste facility located inside Bexar County. This cost shall be handled as a credit to the project.
 2. Disposal quote for all steel with lead-containing coatings to the nearest Class I certified solid waste facility located inside Bexar County. This cost shall be handled as a credit to the project.
 3. TCLP analysis from EST sites. The cost for this analysis is a base bid item and not reimbursable with this allowance.
 4. Rejection letters from all Class I certified solid waste facilities located inside Bexar County stating the steel with lead-containing coatings is not accepted at their facility due to the TCLP analysis results being greater than which the facility is certified to accept.
 5. Haul quote to the nearest certified solid waste facility to Bexar County that will accept the waste.
 6. Disposal quote for all steel with lead-containing coatings to the nearest certified solid waste facility to Bexar County that will accept the waste.

CLARIFICATIONS

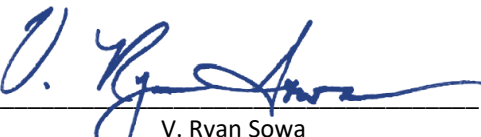
1. The Estimated Budget for this project has been modified from \$698,000.00 to \$ 948,000.00.

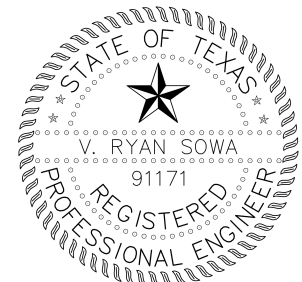
END OF ADDENDUM

This Addendum, including these 5 pages, is 7 pages with attachments in its entirety.

Attachments:

- Bid Proposal (2 pages)


V. Ryan Sowa
Kimley-Horn and Associates, Inc.
TBPE Reg. No. 928



10/18/2022

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 in the bid proposal to wit:

PLEASE SEE ATTACHED LIST OF BID ITEMS.

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 No(s)**. _____

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 **210** calendar days after the start date, as set forth in the Authorization to Proceed. **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.

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

Texas Government Code Chapter 2274 Verifications

- (1) Are you, Contractor, held or controlled by individuals who are citizens of China, Iran, North Korea, Russia or a country designated by the Governor of the State of Texas pursuant to Texas Government Code Chapter 2274? Yes No
- (2) Are you, Contractor, held or controlled by a company or other entity, including a governmental entity, that is owned or controlled by citizens of or directly controlled by the government of China, Iran, North Korea, Russia or a country designated by the Governor of the State of Texas pursuant to Texas Government Code Chapter 2274? Yes No
- (3) Are you, Contractor, headquartered in China, Iran, North Korea, Russia or a country designated by the Governor of the State of Texas pursuant to Texas Government Code Chapter 2274? Yes No

Rev. 091021

BID PROPOSAL

Item No.	Description	Unit	Quantity	Unit Price	Total Price
1	Tinker EST Demolition, Site Demolition, Disconnection, and Restoration	LS	1	\$ _____	\$ _____
2	Westover EST Demolition, Site Demolition, Disconnection, and Restoration	LS	1	\$ _____	\$ _____
3	Barricades, Signs, and Traffic Handling (CoSA Spec 530)	LS	1	\$ _____	\$ _____
SUBTOTAL (ITEMS 1 - 3)				\$ _____	
4	CPS Work	ALW	1	\$15,000.00	\$15,000.00
5	Permitting	ALW	1	\$5,000.00	\$5,000.00
6	Environmental Allowance	ALW	1	\$250,000.00	\$250,000.00
SUBTOTAL (ITEMS 4 - 6)				\$ _____	
100	Mobilization and Demobilization, Max 10% of Subtotal Line Items 1 - 3	LS	1	\$ _____	\$ _____
102	Intermediate Demobilization and Remobilization	EA	1	\$ _____	\$ _____
TOTAL PRICE AMOUNT (TO INCLUDE LINE ITEMS 1 – 6, 100 AND 102)					\$ _____

Mobilization lump sum bid shall be limited to a maximum 10% of the Line Items 1-3 Sub-total Base Bid amount. The Line Items 1-3 Sub-total base bid is defined as all bid items **EXCLUDING** Item 100, Mobilization and Demobilization; and Item 102, Intermediate Demobilization and Remobilization. **In the event of a discrepancy between the written percentage and dollar amount shown for Mobilization and Demobilization bid item the 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 percentages shown and adjust the extensions of the bid items accordingly.**