



East Houston Street Ground Storage Tank Rehabilitation
Solicitation Number: CO-00651
Job No.: 22-0106

ADDENDUM 3
May 18, 2023

To Respondent of Record:

This addendum, applicable to project referenced above, is an amendment to the RFCSP and as such will be 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:** Nukote Liners have approval for Testing and Evaluation through SAWS. Can Nukote be tested and evaluated on the **EAST HOUSTON ST. GROUND STORAGE TANK REHABILITATION** project?
Response: Nukote Liners will not be approved for testing and evaluation on this project.
- 2. Question:** United Industries Group, Inc. respectfully requesting to be added as pre-approved “Equal” to the specification section 07312 (Aluminum Dome Roof For Water Storage Tank) via an addendum. We fully comply by AWWA D108-10std and the specifications for the abovementioned project. Please see attached supporting information for the pre-approval request.
Response: Technical Specification 07312 will not be edited to include United Industries Group as an approved manufacturer. Refer to Technical Specification 01010, Part 1.07.A for guidance on substitutes and “or-equal” items.
- 3. Question:** Request to add or change project specification
Section 13110-2 Part 2.1 A. INSTALLER to:
“The cathodic protection design and installation shall be performed or under the direction of a Texas Licensed Professional Engineer and a Cathodic Protection Specialist . This would be equal to Corpro without using their name as a sole source.
Response: The spec will not be edited as requested. Refer to Technical Specification 01010, Part 1.07.A for guidance on substitutes and “or-equal” items.
- 4. Question:** Macaulay Controls is asking for Big Wave Water technologies to be approved by written addendum for this project
Response: The Big Wave Water Technologies Tidal Wave mixer does not appear to meet the requirements in Specification 11220. Refer to Technical Specification 01010, Part 1.07.A for guidance on substitutes and “or-equal” items.
- 5. Question:** We are interested in bidding on this project and were teaming up with a GC in Texas. The GC has since backed out of bidding the project and I noticed there was an online mandatory pre-bid held yesterday and a mandatory site visit tomorrow 05/11.
I see that it’s a 2-part pre-bid, **any chance the district will host another online pre-bid?** We would love the opportunity to provide pricing.
Response: Refer to Addendum #2.

- 6. Question:** Regarding specification 09910. Page 4, paragraph J, Item 3 states "the complete containment shall include a full bonnet". This tank is receiving a new aluminum Geodesic dome roof. Full containment of the shell walls is possible without a full roof bonnet. Please confirm if a full roof bonnet is still required.
Response: A full roof bonnet will not be required for this project. Refer to the "Changes to the Specifications" section of this Addendum for the removal of the requirement.
- 7. Question:** Please confirm if the new walkway at the roof will be bare carbon steel, galvanized, or other
Response: The perimeter walkway shall be coated plate steel. This will be clarified in the plans. Refer to the "Changes to the Plans" section of this Addendum.
- 8. Question:** The legend on drawing G4 has an item listing equipment to be overcoated in a purple shaded areas. However, drawing C11 shows these same areas and states to recoat per specification 099100. Specification 099100 page 11, paragraph C describes the paint system for "Exterior Equipment, Valves and Piping and lists the surface preparation as commercial blast cleaning per SSPC-SP6 which is a complete removal/recoat vs. an overcoat. Please clarify if equipment, piping and valves highlighted on drawing C11 get a paint overcoat or full removal/recoat.
Response: The equipment, piping, and valves highlighted on drawing C11 shall be overcoated, not blasted and recoated. The applicable section for this work in Technical Specification 09910 is Part 2.01.E., whereas Part 2.01.C applies to equipment, valves, and piping that are connected to the GST. Refer to the "Changes to the Plans" sections of this Addendum.
- 9. Question:** Specification 09910, Pages 7 and 8, paragraph 12, item g lists "EMD-Continuous electronic monitoring device". Please confirm if this project requires the use of an EMD for the interior surface preparation and coating work. If so, does this device need to document 24 hours a day via a web base program.
Response: This project will require use of an EMD for surface preparation and coating work. The device will need to document 24 hours per day (continuously) but a web-based data management program is not required.
- 10. Question:** Specification 09910, page 9, paragraph 1.08 Maintenance material call for five (1) one-gallon cans of each type of coating, thinners, and other coatings. The smallest kit size for some of the products specified are 15 gallons kits. Please clarify if we are to provide more than five (5) gallons in this situation. Also, the last sentence of the paragraph mentions a voucher. Please clarify if we will supply actual coating materials or a voucher that will cover the cost of the maintenance materials.
Response: Per the first sentence of Technical Specification 09910, Part 1.08.A, vouchers for the materials, rather than the materials themselves, shall be provided to the Owner. The vouchers shall provide at least 5 gallons of the materials. If the minimum container size produced by the manufacturer is greater than 5 gallons, the Owner will accept those containers provided they meet the other requirements in this section.
- 11. Question:** Specification 09910 page 15, paragraph 2.03 Caulk Schedule, Item A, I calls for caulking/nonshrink grout (Note: products specified under paragraph 2.05 are actually epoxy filler/surfacers) at flanges and dresser sleeves on piping and valves. Please confirm if this is for new piping and valves or does this include all new and the existing piping/valves for the areas to be recoated on drawing C11. Also confirm that this applies to ALL flanges and valves.
Response: Technical Specification 09910, Part 2.03.A refers specifically to the flanges/ valves to be blasted and recoated pursuant to system EC-02. Refer to the "Changes to the Specifications" for an added section regarding the equipment that is to be overcoated.

12. Question: Specification 09910 page 27, Item 10 calls for a minimum of 20 pull off adhesion tests with five (5) on each of the interior systems. However, the interior coating system called out is a one -coat system. Please clarify how many adhesion pull off tests will be required on the tank interior coating system.

Response: The intent of the specification is to require five adhesion tests per coating. In the case of this tank, the interior coating system will only require 5 adhesion tests for its single coat. See the "Changes to the Specifications" for clarification.

13. Question: We respectfully ask for a 2 weeks bid extension to allow us enough time to complete our due diligence in obtaining qualified subcontractors and to complete the technical proposal. Without this extension, we will most likely not be able to provide a proposal for this project.

Response: Refer to Addendum #2.

14. Question: Can you provide the name and contact information for the prime contractor who is currently completing the work adjacent to the tank?

Response: We are unable to provide this information to you directly, but you can submit your request through SAWS' Open Records Center at the following link: <https://www.saws.org/openrecords/>.

CHANGES TO THE SPECIFICATIONS

1. Revisions to Technical Specification 09910 Steel Water Storage Tank Painting

a. 1.05.J.3

i. Remove section in its entirety.

b. 2.03.B

i. Add new section 2.03.B to the Specification, as follows:

"

B. SS-03 Pumps, Motors, Valves, Piping, and Hydropneumatic Tank

Non-Shrink Grout

1. Flanges and Dresser Sleeves:

a. After surface preparation, caulk shall be installed in the joints at a minimum of ½" deep filling the joints level but not outside or above the surfaces between the flanges and/or between the dresser-sleeves and pipe shall be filled.

"

c. 3.10.H.10

i. The first sentence of this section shall be revised to the following:

"A minimum of twenty (20), five (5) on each of the exterior systems and five (5) on the interior system, maximum of one hundred (100) pull off adhesion tests shall be performed on the reservoir surfaces in compliance with ASTM D-4541."

CHANGES TO THE PLANS

1. Sheet C9 – General Details (Sheet 4 of 6)

Remove and replace in its entirety with the attached sheet C9 – General Details (Sheet 4 of 6)

2. Sheet C11 – General Details (Sheet 6 of 6)

Remove and replace in its entirety with the attached sheet C11 – General Details (Sheet 6 of 6)

END OF ADDENDUM

This Addendum is six (6) page(s) in its entirety with attachments.

Attachments:

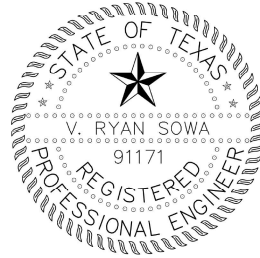
- Sheet C9 – General Details (Sheet 4 of 6)
- Sheet C11 – General Details (Sheet 6 of 6)



V. Ryan Sowa

Kimley-Horn and Associates, Inc.

5/18/2023



JOB NO.

22-0106

REVISED



No.	Description	CR	APPROVED
1	REVISIONS		
2			
3			
4			
5			
6			
7			
8			
9			
10			

INFORMATION

Drawn By: VRS
 Checked By: BLL
 Scale: SHOWN ON SHEET

San Antonio Water System

DATE: APRIL, 2023

TXAS REGISTERED FIRM NO. F4928

Kimley-Horn

SAN ANTONIO WATER SYSTEM

EAST HOUSTON GROUND STORAGE

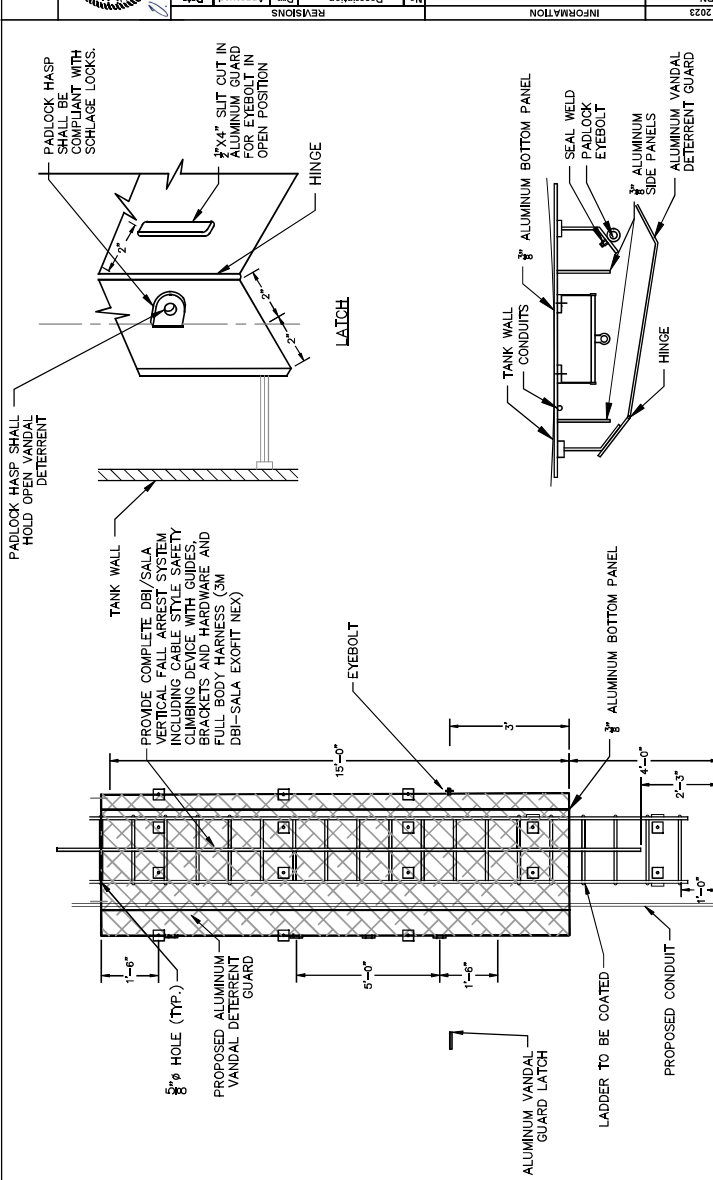
TANK REHABILITATION PROJECT

GENERAL DETAILS

(SHEET 4 OF 6)

DRAWING NO.

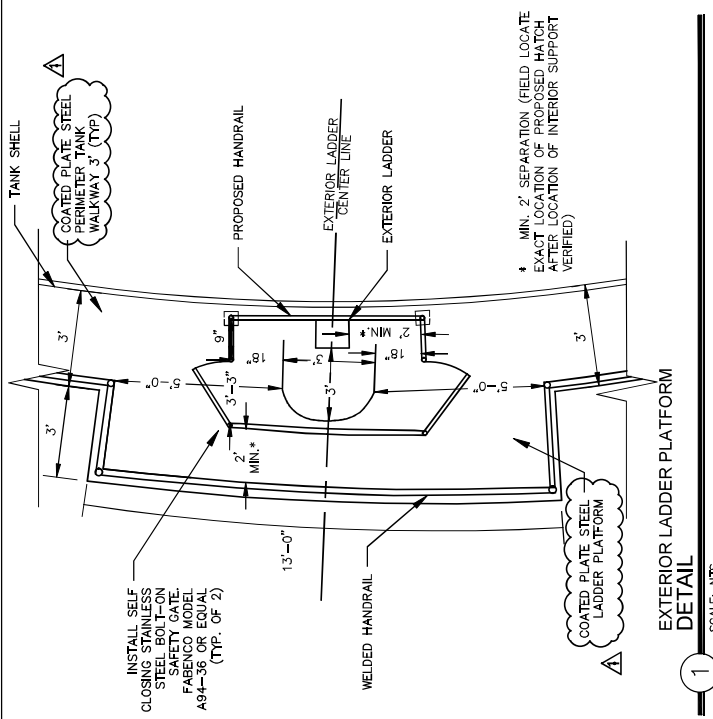
C9



EXTERIOR LADDER AND VANDAL DETERRENT
 DETAIL

SCALE: NTS

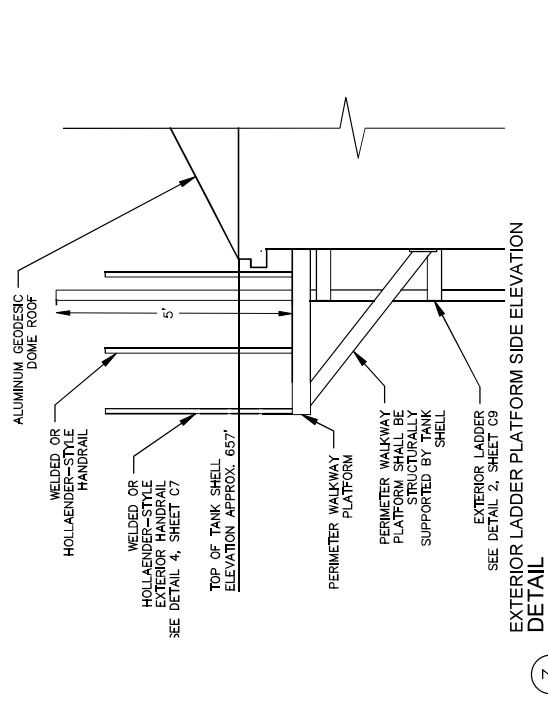
2



EXTERIOR LADDER PLATFORM
 DETAIL

SCALE: NTS

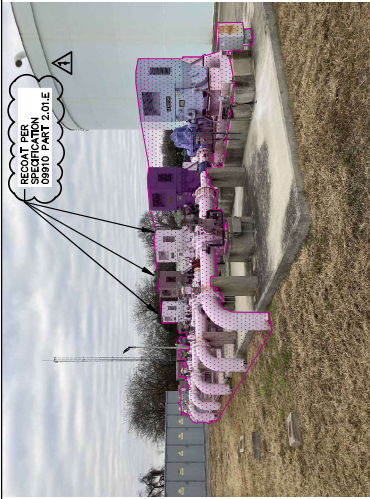
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EXTERIOR LADDER PLATFORM SIDE ELEVATION
 DETAIL

SCALE: NTS

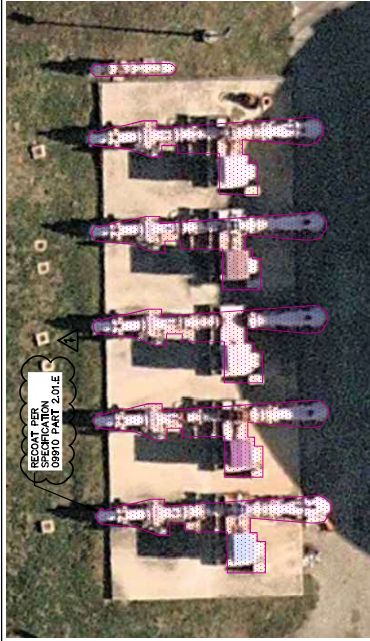
3



EXISTING PUMP STATION
DETAIL

SCALE: NTS

1



EXISTING ABOVE GROUND PIPING
DETAIL

SCALE: NTS

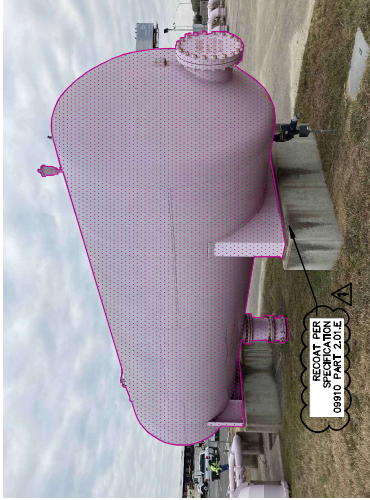
2



EXISTING HYDROPNEUMATIC TANK
DETAIL

SCALE: NTS

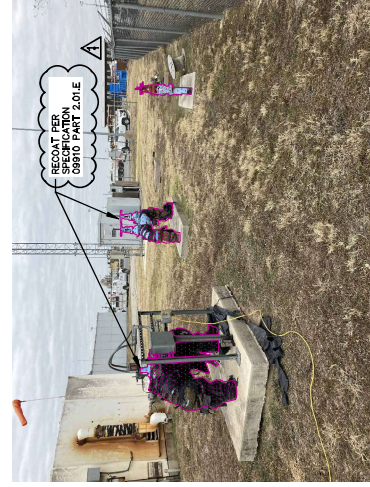
3



EXISTING ABOVE GROUND VALVES
DETAIL

SCALE: NTS

4



EXISTING ABOVE GROUND VALVE
DETAIL

SCALE: NTS

5



EXISTING ABOVE GROUND PIPING
DETAIL

SCALE: NTS

2

LEGEND

TO BE RECOATED

NOTES

1. RECOAT HYDROPNEUMATIC TANK, ALL ABOVE GROUND VALVES, PIPING AND WELDS PER SPECIFICATION 09910 PART 2.01.E.
2. PROVIDE THERMAL JACKETS TO ALL EXPOSED PIPING AT PUMP STATION PER SPECIFICATION 15181.