



**LAKE HAVASU CITY**  
**LAKE HAVASU CITY, ARIZONA**

**ADDENDUM NO. 1**

**TANK REHABILITATION**  
**Project No. WT7440**

**DATED: NOVEMBER 14, 2016**

This addendum forms a part of the contract described above. The original Contract Documents in full force and effect are modified by the following changes. Addendum No. 1 will take precedence over any conflicting provisions in the prior documents.

Each bidder shall acknowledge receipt of this addendum and by affixing its signature on the acknowledgement form attached, by noting this Addendum on the Bid Form and by attaching this Addendum and/or acknowledgement to its bid.

The following changes are to be made and become part of the Bid/Contract Documents. The changes are as follows:

By:

Date: November 14, 2016



Jonathan Tull, PE  
Atkins

Digitally signed by Jonathan Tull,  
P.E.

Date: 2016.11.14 16:46:48 -08'00'



Expires 3/31/2017

**ATKINS**

## ACKNOWLEDGEMENT

The undersigned bidder acknowledges receipt of this addendum and the Bid Submitted is in accordance with the information, instructions and stipulations set forth herein.

**Proposal received without signed acknowledgement of Addendum will be cause for rejection.**

Addendum No. 1 (Dated November 14, 2016) Acknowledged By:

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Company Name

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By Authorized Representative's Name & Title (Print or Type)

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Signature of Authorized Representative

## **Item No. 1**

The following questions were received from bidders. Answers are provided here in by the OWNER and ENGINEER.

1. **Question:** *“Is an Arizona contractor’s license required to do this work?”*

**Answer:** Yes, Arizona Class A minimum, refer to Combined Contract Documents and Supplemental Technical Specifications, page 000100-2 for specific requirements.

2. **Question:** *“Please provide the cathodic protection operating history from 5 years ago and last year.”*

**Answer:** Lake Havasu City does not maintain tank-specific cathodic protection operating history.

3. **Question:** *“How many tanks are included? Some specification sections reference three tanks” and “Are three (3) tanks to be rehabilitated as only two (2) tank inspection reports were provided for review?”*

**Answer:** Originally, the project was intended to include three tanks; however, one tank was removed during design preparation. The project only includes rehabilitation of two tanks: C-2-17 and S-1C-25. Where contract documents reference three tanks, replace “three” with “two.

4. **Question:** *“How much of the existing retaining ring needs to be recoated”*

**Answer:** Refer to page 13212-6, Section 13212; 3.2; K.

5. **Question:** *“What work shifts are allowed?”*

**Answer:** Work may be conducted between 6AM and 6PM Monday through Friday, excluding local municipal holidays. Refer to page 00700-16, Section 00700; 17.3. Lake Havasu City very rarely approves work outside stated hours due to residence adjacency considerations.

6. **Question:** *“May the ‘Competent Person’ defined in Specification section 09951 be satisfied using Contractor in-house staff?”*

**Answer:** Yes, refer to specification sections 09951; 1.3; C.; 1., and 09951; 1.4; A.; 1., for preferred qualifications, and submittal requirements; and 09951; 1.5; A. through J., including subparts, for CP responsibilities and project involvement.

7. **Question:** *“Does tank coatings application require QP-1?”*

**Answer:** Tank Coating Qualifications require SSPC-QP1 certification and a minimum of 5 years of experience. Refer to specification section 09950; 1.5 for a full list of qualifications requirements for the Coatings Applier.

8. **Question:** *“What kind of containment screens need to be used for spray applications?”*

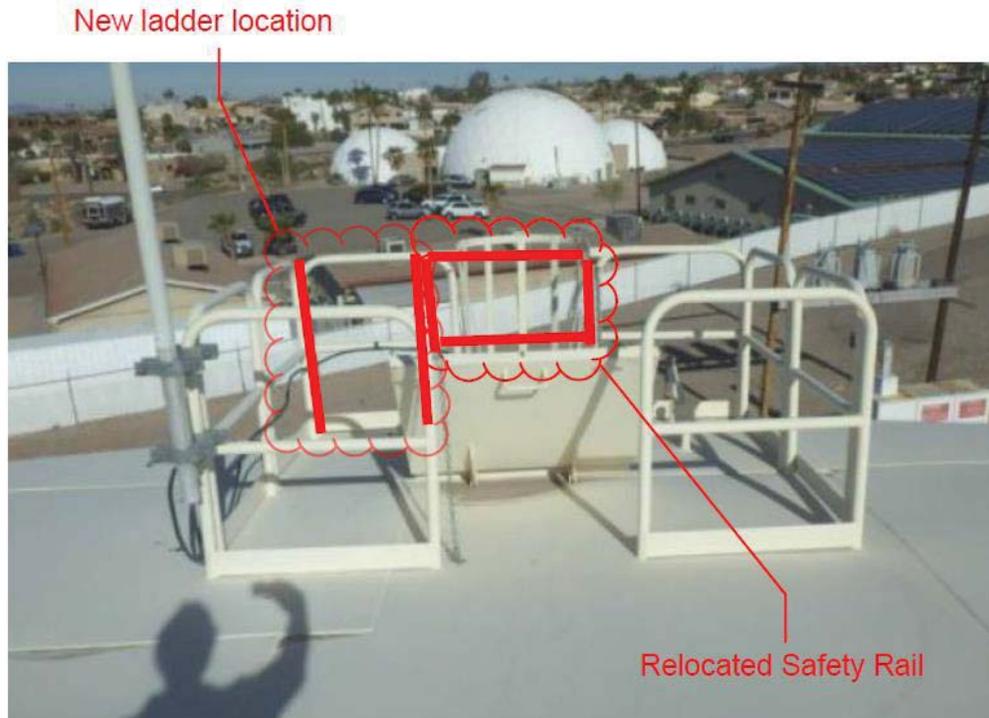
**Answer:** Specifications do not require specific type of containment. Ensure containment meets requirements of specification sections 01210; 4.3.; 4.; section 09950; 1.3.; M.; section 09950; 2.4.; C.; 5.; section 09950; 3.7; B.; and section 09951.

9. **Question:** “Does corrosion noted at the tank side-vent screens need to be addressed?”

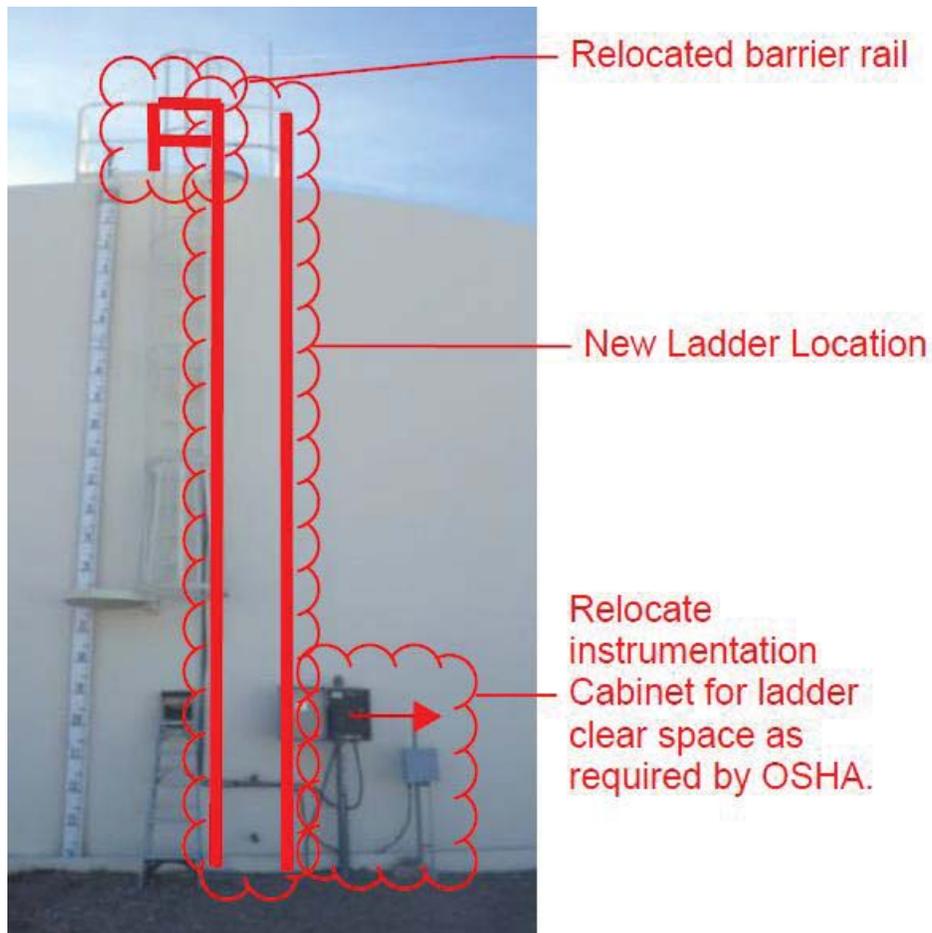
**Answer:** Yes, at a minimum include removal and replacement of existing side-vent screens at all tank perimeter side vents with new stainless steel 16 mesh screen to prevent the entrance of birds, insects, or contamination materials.

10. **Question:** “Do existing ladders need to be re-located to comply with OSHA requirements”

**Answer:** Ladder at tank S-1C-25 will need to be removed and re-installed at an offset from the existing ladder location to provide an applicable clear landing at the top of the ladder. Safety rail will need to be relocated to allow for new ladder location. Contractor to include this work as part of the base bid for ladder removal and replacement, and include a submittal reflecting the proposed relocated ladder and rail, including details. Proposed ladder location is to be approved by the Engineer prior to construction.



(continues next page)



**11. Question:** “Scope of work details replacement of interior CP systems. Specification details replacement and reuse of internal components. Please clarify which CP components are required to be replaced with new?”

**Answer:** Specification section 13110; 1.1 (Summary) delineates components of the cathodic protection system to be either removed and replaced with new, or removed and re-installed, as indicated.

**12. Question:** “Are the existing Rectifier units operational and intended to be utilized?”

**Answer:** Part 3 Execution specifies that the contractor is to deactivate existing impressed current system and document all materials and locations in order to re-install in the same layout. It is assumed that all components, unless otherwise stated in Specification section 13110; 1.1, will be returned to service. This includes the rectifier and the DC conduit runs. The cathodic protection system is/has been active on the tanks until taken out of service for rehabilitation.

**13. Question:** “Are the existing DC conduit runs serviceable and intended to be utilize?”

**Answer:** Yes, unless the Contractor believes they cannot be successfully relocated/salvaged/reinstalled in conjunction with the contracted tank rehabilitation and re-coating work, in which case they would be required to be replaced with equal or better materials. The decision to reuse or replace the existing conduit runs is considered a means and methods of construction, and all applicable costs are to be included in the Contractor's base submittal fee.

**Item No. 2**

Specification Section 01210, Page 5, Section 4.3 Measurement and Payment, Subpart 8; Add the following:

"c. The existing ladder and safety rail at tank S-1C-25 shall be removed, and re-installation shall occur at a location adjacent to the existing ladder in order to ensure a clear roof-top landing area adjacent to the existing roof access hatch. The contract per each installed price shall include, in addition to the items listed in "b." above, compensation for ladder location shop drawing submittal for Engineer's approval, and conduit and instrument panel relocations necessary to provide sufficient ladder-adjacent clearances in accordance with OSHA regulations. All work shall be performed in accordance with Sections 09950 and 13212."

Specification Section 13212, Page 3, Section 1.5 Submittals; Add the Following:

"**G.** Drawings shall be provided in accordance with Section 01330, and specifically to reflect the removal and relocation of the existing ladder and safety rail at Tank S-1C-25. The drawings shall indicate ladder re-installation at a location adjacent to the existing ladder in order to ensure a clear roof-top landing area adjacent to the existing roof access hatch. The existing safety rail shall be likewise removed and re-installed to provide roof landing area adjacent to the existing access hatch. The submittal reflecting the proposed location of the ladder and rail will be subject to approval by the Engineer."

Specification Section 13212, Page 5, Section 3.2 Modifications and Repair, Subpart G; Remove Entirely and Replace with the Following:

"**G.** Remove Exterior Ladder and Safety Cage and Replace with New Ladder, Climb Assist, and Ladder Door Lock: Remove ladder and ladder safety cage and install new exterior ladder and safe climbing device with door lock in accordance with provided detail and OSHA Standards. Install additional removable closure chains for each access in the roof safety railing. Lower the toe bar so the gap between it and the roof is less than ¼-inch. For Tank S-1C-25, also reinstall ladder at a position adjacent to existing location in accordance with Engineer approved shop drawings; remove existing roof-top safety rail and re-install to allow ladder rooftop landing area adjacent to existing roof hatch in accordance with Engineer approved shop drawings; and clean and recoat exterior shell for installation of shell manhole on Tank S-1C-25 per Specification Section 09950. See Figure 5."

**\*\* END OF ADDENDUM NO. 1 \*\***

## ATTACHMENTS

1. Pre-bid meeting Sign-in Sheet

# Meeting Sign-in Sheet

**Project:** Tank Rehabilitation  
Project No. WT7440

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**Subject:** Pre-Bid Meeting

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**Date & Time:** Tuesday, November 8, 2016  
10:30 am (AZ)

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**Meeting Place:** 2330 McCulloch Boulevard North  
Lake Havasu City, AZ

**MEETING ATTENDANCE**

Name	Organization	Phone	E-Mail
JONATHAN TULL	ATKINS	702 <del>777-0157</del> 677-0157	jonathan.tull@atkinsglobal.com
Vanessa Hernandez	Elwood Staffing, TMI Coatings	928 279 1005	VanHernandez4@gmail.com
STEVE DENNY	MMI TANK	602 373 9489	STEVE@MMITANK.COM
SHANE WOMBLES	PRT-BMT	951-925-5022	cyhasow@PRT-BMT.COM
Ryan Mochhoek	LHC	928-680-5161	mochhoek@lhc92.gov
GARY GROSS	Riley Industrial	928 205 5451	GARY.GROSS@RileyIndustrial.com
Walter Dutton	Wil Eng. Const.	(435) 874-1285	Office@injeci.com
Matthew Mansell	Mansell welding	928 855-6743	MANSSELL@mansellwelding.com
Bryan Mansell	Mansell welding	" "	" "