

ADDENDUM NO. 1  
WATER SYSTEM IMPROVEMENTS  
CONTRACT 19-01 – PINEHAVEN TANK PAINTING  
FENTRESS COUNTY UTILITY DISTRICT  
JAMESTOWN, TENNESSEE  
WAUFORD PROJECT NO. 2072

Date of Addendum: Friday, April 26, 2019  
Bid Opening: Tuesday, May 14, 2019, 2:00 P.M. Local Time

1. Detailed Specifications, Section 4. Cleaning, Repairing and Painting Existing Pinehaven Water Storage Tank, Paragraph 1. Scope, Page DS 4-1:

Add the following paragraph:

“The Contractor shall provide a containment system to prevent the migration of any hazardous blast media, dust and paint residue onto or from the Pinehaven Water Storage Tank site. The containment system shall meet SSPC, Class 3A and include the cover panels, screens, tarps, scaffolds, supports and shrouds used to enclose an entire work area or approved alternate method. The purpose is to prevent the debris generated during surface preparation from entering into the environment, and to facilitate the controlled collection of the debris for disposal. Refer to SSPC-Guide 6 (CON) Guide for Containing Debris Generated During Paint Removal Operations. Containment and collection shall be in accordance with applicable federal, state and local requirements.”

2. Detailed Specifications, Section 4. Cleaning, Repairing and Painting Existing Pinehaven Water Storage Tank, Subparagraph 3a. Disposal of Surface Preparation Debris and Paint Residue, Page DS 4-2:

Replace Subparagraph 3a. Disposal of Surface Preparation Debris and Paint Residue with the following:

- “a. Containment and Disposal of Lead-Contaminated Surface Preparation Debris
  - (1) Results of Existing Coating Analyses for Lead Contamination

Paint samples from the existing exterior coatings on the tank were tested for lead content in accordance with the requirements of Standard Methods 17<sup>th</sup> and 18<sup>th</sup> Edition; The Solid Waste Manual SW-846; EPA Methods for the Analysis of Water and Wastes and/or 40 CFR Part 136 and the results are listed in Table 1.

Table 1 Lead Content of Paint Coating 200,000 Gallon Pinehaven Storage Tank (ug/g)	
Tank Exterior	4,600

(2) Contractor Responsibility Regarding Lead-Contaminated Paint Debris

The cleaning and surface preparation of the exterior of Tank shall be to a condition equivalent to Society for Protective Coatings Surface Preparation Specification No. 6 "Commercial Sand Blast Cleaning". This shall be accomplished by Abrasive Blast Cleaning with Recyclable Abrasives with recovery of paint and debris, or Abrasive Blast Cleaning with a Mixture of Non-Recyclable Abrasives and a Lead Stabilization Material with recovery of painted debris. Exterior surface preparation requirements are described in detail at Paragraph 5.b. of this Section.

**THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR MEETING ALL REQUIREMENTS OF THE TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION FOR AIR QUALITY AND THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY FOR AMBIENT AIR QUALITY. NEITHER THE OWNER NOR THE ENGINEER WILL PERFORM ANY AIR QUALITY MONITORING DURING THE PERFORMANCE OF THIS SCOPE OF WORK.**

If Abrasive Blast Cleaning with Recyclable Abrasives is the cleaning and surface preparation method selected by the Contractor for use on lead-containing surfaces, the paint and debris from cleaning operations shall be contained and separated from the abrasive using an acceptable abrasive reclaiming technique. The abrasive reclaimer may be an



integral part of the blast machine or may be housed separate from the blast machine. Blasting and abrasive reclamation may operate simultaneously or independently. Collection of separated paint and debris shall be carried out at least once per day. The paint and debris remaining after abrasive recovery shall be stored in leakproof containers with firmly secured lids.

If abrasive blast cleaning with a mixture of non-recyclable abrasives and lead stabilization material is the cleaning and surface preparation method selected by the Contractor for lead-containing surfaces, the paint and debris from cleaning operations shall be collected at least once per day and stored in leakproof containers with firmly secured lids.

All paint and debris resulting from cleaning and surface preparation operations will be the property of the Owner. The Owner will obtain and pay for all permits and authorizations required for disposal of the paint and debris resulting from cleaning and surface preparation operations. The Owner shall obtain all samples of paint and debris and contract with an analytical laboratory for all analyses required by appropriate regulatory agencies as a condition for obtaining necessary permits and authorization for ultimate disposal. **The Contractor shall pay for all costs associated with this testing and the Contractor will be responsible for transporting the containers containing the paint debris off-site and for all costs associated with ultimate disposal of the containers and paint debris.** The disposal costs for which the Contractor shall be responsible shall include but are not limited to fees charged by hazardous waste landfills (Subtitle C) for disposal of any hazardous waste and fees charged by Tennessee Class I Solid Waste Disposal Facilities (Subtitle D) for disposal of any non-hazardous special wastes.

All containers shall be labeled using weather resistant labeling and marked using indelible ink with the contents (*i.e.*, paint debris), tare weight of the container, and the origin (*i.e.*, 200,000 Gallon Pinehaven Water Storage Tank – Jamestown, Tennessee), date of collection of the material and a container number. The containers shall be stored in a temporary holding area at the work site.

In order to ensure that lead-contaminated paint and debris generated from surface preparation and cleaning operations are properly contained on the ground, the Owner will conduct pre-job and post-job soil sampling and analysis for lead at the tank site. Four areas of one square foot will be chosen at each site. Five plugs of soil  $\frac{3}{4}$ -inch in diameter and  $\frac{1}{2}$ -inch in depth will be collected from each area. One plug will be in the center while the other plugs will come from each corner of the one square foot area. The plugs will be mixed together to create a composite sample from each specific location. The samples will be tested for lead by an independent laboratory. The average increase of lead content of the post-job samples over the pre-job samples (*i.e.*, sum of lead increase in both samples taken at the site divided by two) shall not be more than 100 mg/kg. In the event that the average pre-job soil lead content increases more than 100 mg/kg in the post-job sample at the site, the Contractor shall be responsible for removing and disposing of the contaminated soil in accordance with all State and Federal Standards.”

J. R. WAUFORD & COMPANY,  
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