

SECTION 02 65 01
ABOVE GROUND STORAGE TANK REMOVAL

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Removing and disposal of Above ground in building storage tank , liquid water contents. (AGST)
2. Removal of Tank, Base and Associated Piping as shown.
3. Removal of Tank Exterior Insulation, and Lead Containing Paint, as Required to facilitate the tank removal process.
4. Contractor shall provide a detailed summary of tank removal processes and procedures, including required safety requirements and demonstrate compliance with state and federal regulatory requirements.

1.2 RELATED REQUIREMENTS

- A. Demolition work: Section 02 41 00, DEMOLITION.
- B. Lead Paint Removal and Abatement: Section 01 60 01, LEAD PAINT REMOVAL.

1.3 APPLICABLE PUBLICATIONS

- A. Comply with references to extent specified in this section, and as Required by law.
- B. OSHA:
 1. 1926.62 - Safety and Health regulations for construction. Including applicable sections related to lead removal.
- C. Code of Federal Regulations (CFR):
 1. Applicable requirements.
- D. United States Environmental Protection Agency (EPA):
 1. Applicable standards, regulations and requirements.

1.4 PRE-REMOVAL MEETINGS

- A. Conduct pre-removal meeting at project site minimum 30 days before beginning Work of this section.
 1. Required Participants:
 - a. Contracting Officer's Representative.
 - b. V.A Safety Officer.
 - c. Inspection and Testing Agency.
 - d. General Contractor
 - e. Tank removal contractor.

2. Meeting Agenda: Distribute agenda to participants minimum 3 days before meeting.
 - a. Removal schedule.
 - b. Removal sequence, and procedures
 - c. Preparatory work.
 - d. Lead Contaminated material transport and disposal.
 - e. Other items affecting successful completion.
 - f. Safety and Regulatory requirements issue's and compliance.
3. Document and distribute meeting minutes to participants to record decisions affecting removal.

1.5 SUBMITTALS

- A. Submittal Procedures: Section 01 33 23, SHOP DRAWINGS, PRODUCT DATA, AND SAMPLES.
- B. Test Reports: Submit testing laboratory reports.
 1. Airborne contaminants and residue generated from tank removal Processes.
- C. Qualifications: Substantiate qualifications, comply with below.
 1. AGST removal contractor.
 - A. Provide listing of 3 Previous projects similar in difficulty And methodology.
 2. Removal Contractor shall have had a minimum of five years' experience in the type of work involved in this project, which were in similar or greater size and difficulty.
- D. AGST removal plan, Submit.
 1. Detailed tank removal sequence of procedure and methods.
Compliance with Safety issues and protection of Facility and Worker's and Facility Occupants.
 2. A site specific safety plan shall be provided, detailing the The Contractor work operations and sequence to comply with the Required VA, Federal ,State, Safety regulations.
- E. Record Documents:
 1. See Quality Assurance .
 2. Photographs of work in progress showing AGST removal operations and regulatory and VA safety compliance.

1.6 QUALITY ASSURANCE

- A. AGST Removal Contactor: Experienced contractor, registered or licensed by applicable state agency for type removal work.
- B. Testing Laboratory: State certified independent testing laboratory experienced in hazardous waste material.
- C. Disposal Facility: State certified disposal facility qualified to receive and dispose of painted steel tank demolition materials, And by products.
- D. Storage tank Removal Plan: Describe detailed procedures for:
 - 1. Removing and disposing lead painted Tank Steel.
 - 2. Ventilation of work area for tank removal.
 - 3. Worker, Facility, and Occupant Protection.
 - 4. Removing and disposing of Tank Material.
 - 5. Fire Safety, Compliance with State and Federal Requirements, and VA Fire Safety/operations and requirements.
 - 6. Compliance with State and Federal requirements.
- E. AGST Final Report: Assemble work progress documentation showing removal plan compliance, including:
 - 1. Sampling test records.
 - 2. Removal requirements and procedures met.
 - 3. Federal and state Agency requirements were met
 - 4. VA safety procedures and site safety plan were met.
 - 5. Disposal of Materials met compliance, submit records.

1.7 FIELD CONDITIONS

- A. Do not close or obstruct fire exits, sidewalks or drives without Contracting Officer's Representative's approval.

1.8 WARRANTY

- A. Construction Warranty: FAR clause 52.246-21, "Warranty of Construction."

PART 2 - PRODUCTS

2.1 ACCESSORIES

- A. Waste Collection Drums: 49 CFR Part 178; Type 1A2, steel, removable head, 200 L (55 gal.) capacity, capable of containing waste without loss.

PART 3 - EXECUTION

3.1 PREPARATION

- A. Coordinate demolition specified in Section 02 41 00, DEMOLITION .

3.2 AGST SEQUENCE

- A. Submit and obtain approval for all required documentation.
- B. Notify VAMC a minimum of 3 weeks prior to removal.
- C. Document a detailed walk-thru of the work area, and
Resolve any issues regarding the removal process with the VAMC
- D. Verify that all Safety and compliance Issues are met.

3.3 PROTECTION

- A. Protect finished areas from traffic and construction operations.
- B. Repair damage to surfaces disturbed in the Tank Removal Process.

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