

**SECTION 02052  
HAZARDOUS MATERIALS**

**PART 1 - GENERAL**

**1.01 DESCRIPTION**

This Specification is for removal and disposal of lead base paint for the demolition of the existing Elder Booster Station booster. The District has completed an asbestos and lead-based paint survey of facilities at the project site, and the report is included in the Appendix of this Contract Document. Approximate quantities and locations of lead based paint are included in the demolition drawings.

- A. Asbestos Containing Materials (ACM). The survey report DID NOT identify ACM within the existing Elder booster station site. However, untested materials are presumed to be asbestos-containing. If ACM is encountered during execution of the Work, the Contractor shall suspend work and notify the District immediately. If abatement of ACM is required, the Contractor shall follow the provisions contained in this Section, including performing abatement by use of a Cal/OSHA licensed asbestos abatement contractor using methods in accordance with Title 8 of California Code of Regulations (CCR) 1529 and South Coast Air Quality Management District Rule 1403.

The contractor is advised asbestos is a known human carcinogen when inhaled and poses serious health risks. If encountered, it is the intent of this Specification to indicate guidelines and provisions required to abate the ACM without exposing any individual to asbestos, and without releasing asbestos into the environment.

- B. Lead Based Paint. The survey report DID identify paint containing detectable quantities of lead within the site. The paints were observed in good condition. If the lead based paints are in good condition at the time of demolition, no abatement or paint stabilization is necessary. If stabilization is required, see additional Contractor requirements in this Section. The lead based paint components must be removed, contained and legally disposed of by the Contractor.

These Specifications are provided as minimum requirements only, and are not intended to be exhaustive. Contractor shall be responsible to assure the proper execution of the work in conformance with the intent of these Specifications and all applicable federal, state, and local codes and regulations.

**1.02 QUALITY ASSURANCE**

- A. Abatement Contractor's Qualifications. The Abatement Contractor for removal/abatement of Hazardous Environmental Conditions shall be regularly engaged in this type of activity and shall be familiar with the regulations which govern this work.

The Abatement Contractor shall demonstrate to the satisfaction of District that it has successfully completed removal/abatement projects of similar nature and extent, that it has the necessary staff and equipment to perform the work, and that it has an approved site for disposal of waste materials. Liability insurance covering the Hazardous Environmental Condition removal/abatement work shall be provided as specified in the Special Conditions.

## **PART 2 - PRODUCTS (NOT USED)**

### **PART 3 – EXECUTION**

#### **3.01 SITE INSPECTION**

The abatement Contractor shall first inspect the site for evidence of any other hazardous materials beyond the items identified in the survey report in the Contract Document booklet Appendix prior to starting the demolition. If the inspection exposes any concealed hazardous materials not identified in the report, the Contractor shall suspend the demolition work immediately and notify the District in writing of the hazardous material present. The District shall review the issue and determine if further testing and/or investigation is warranted and/or the Contractor is authorized to proceed under a change order or authorized to proceed under the original contract terms and conditions. At the District sole discretion, the District shall also determine if the demolition work shall be suspended or deleted from the contract.

#### **3.02 ABATEMENT OF HAZARDOUS ENVIRONMENTAL CONDITIONS**

Before commencement of work that may impact, damage or disturb the Hazardous Environmental Conditions at the site, Contractor shall engage a Cal/OSHA licensed Abatement Contractor to encapsulate, enclose, or remove and dispose of all identified ACM, Metal Bearing Protective Coatings, Paints, and Linings, Contaminated Environmental Media, and/or other Hazardous Substances in accordance with current regulations of the Environmental Protection Agency and the U. S. Department of Labor - Occupational Safety and Health Administration, the applicable state regulating agency, and any local government agency.

#### **3.03 REMOVAL/ABATEMENT METHODS**

The Hazardous Environmental Condition Abatement Contractor shall visit the site of the Work to determine the equipment required for completion of the work, and shall submit a work plan of its proposed removal/abatement procedure to the District before beginning work and shall certify that the methods are in full compliance with the governing regulations. The work plan shall cover all aspects of the removal/abatement, including health and safety of construction site and District employees, hygiene facilities, employee certification, clearance criteria, transportation and disposal, enclosure techniques, and other techniques appropriate for the proposed work. Contractor shall provide EMWD all Bill of Landing and Manifesto associated with the transportation and disposal of the waste material.

If the lead base paints are in damaged conditions at the time of demolition, the peeling, delaminating, and/or flaking lead paints shall be handled in strict accordance with Specification Section 09878, including stabilization by a DPH licensed lead abatement contractor.

For abatement of ACM, if found during the Work, the Contractor shall retain an independent third party air monitoring firm to conduct air monitoring as required to demonstrate the effectiveness of the removal procedure and dust containment system. The air quality testing firm shall submit a report documenting the results of the air monitoring. The air monitoring firm shall have at least 5 years of experience in air monitoring for ACM removal.

**END OF SECTION 02052**

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Addendum No. 1

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