

SECTION 028000
HAZARDOUS MATERIALS REMEDIATION (*AD-02)

PART 1 GENERAL

1.01 GENERAL

- A. Provide hazardous material remediation of asbestos-containing materials (ACM) in strict accordance with applicable laws, ordinances, criteria, rules, guidelines, and regulations of Federal and state authorities governing asbestos abatement, including removing, handling, storing, transporting, and disposing of hazardous waste materials.
- B. The ACM to be remediated as part of the contract are identified in the analysis reports, which are included as an appendix at the end of the Project Manual. Testing performed by Aerobiology Laboratory Associates, Inc and reported by JSK Environmental Services, LLC and dated July 5, 2023.
 - 1. Location and Quantity of ACM: The ACM to be remediated consists of cream mastic located on the flexible foil ducting above ceiling. For bid purposes assume approximately 75 square feet of mastic, at 25 different locations along the length of the duct.
- C. Remediation of ACM shall be performed in accordance with the requirements of the following "Project Specifications for Asbestos Abatement" prepared by JSK Environmental Services, LLC, and dated September 8, 2023.

1.02 SUBMITTALS

- A. Asbestos Hazard Remediation Plan:
 - 1. Develop and submit a detailed, job-specific Asbestos Hazard Remediation Plan prepared by an Asbestos Abatement Project Designer, licensed in the state where the project is located. Detail engineering controls and work procedures, including administrative controls, safety precautions, and removal techniques to be used in the abatement of ACM.
 - 2. Provide a detailed description of the method of containment to ensure that airborne asbestos concentrations as outlined in 29 CFR 1926.1101 are not exceeded in the regulated area.
 - 3. The plan shall include safety precautions such as lockout, tag out, and equipment work procedures to be used in the removal of ACM. Also include fire and medical emergency response plans.
 - 4. The plan shall detail housekeeping and hygiene practices and the specific types of protective clothing, equipment, and respirator to be used.
 - 5. The plan must be approved by Owner prior to starting any remediation work.
- B. Permits: Submit copies of required permits.
- C. Transport/Disposal Documentations: Submit invoice or manifest from a landfill that has a permit to accept hazardous waste materials; include quantity of hazardous waste accepted.

1.03 QUALITY ASSURANCE

- A. Licensing and Training: The Hazardous Materials Subcontractor and all personnel involved in performing asbestos abatement and disposal operations are required to be trained and licensed in the state where the project is located prior to the time of the initial job assignment and in accordance with 29 CFR 1926.1101.

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION

3.01 PREPARATION AND REMEDIATION

- A. The Hazardous Materials Subcontractor shall secure all necessary permits, provide necessary notifications, and pay required fees, in conjunction with hazardous material removal, hauling, and disposal, as required by Federal and state regulations and guidelines. Submit copies of all required permits and hazardous waste manifests to the Owner within 14 days of receipt. Notify the Regional Office of the EPA in accordance with Federal regulation.
- B. Conduct remediation in compliance with Federal and state regulations and guidelines.

END OF SECTION 028000