

## SPECIAL SPECIFICATION

5414

### Asbestos Abatement

- 1. Description.** Abate and remove asbestos containing materials (ACM) at indicated locations on public facilities. Abatement operations may be subject to the requirements of the National Emissions Standards for Hazardous Air Pollutants (NESHAP), the Texas Asbestos Health Protection Rules (TAHPR), the Occupational Safety and Health Administration (OSHA) and the National Institute for Occupational Safety and Health (NIOSH). The plans will indicate the location, type, and approximate quantities of ACM.
- 2. Qualifications.** For asbestos abatement work, provide personnel or subcontractors that are licensed, registered, or accredited by the Texas Department of State Health Services (DSHS) and insured for the appropriate asbestos related activity.

Provide an on-site supervisor, or insure the subcontractor has a supervisor, meeting the requirements under OSHA for a "Competent Person" for all work involving ACM where the asbestos content is greater than 1%. The competent person must be familiar with and experienced in asbestos abatement and other related work and must enforce the use of all safety procedures and equipment. The supervisor must be knowledgeable of all EPA, OSHA and NIOSH requirements and guidelines. Provide documentation of the supervisor's qualifications to the Engineer.

- 3. Notifications.** Submit required notifications to DSHS. Assume responsibility for insuring that all required notifications are submitted by the deadlines and in the manner required by DSHS. Provide copies of all required notifications to the Engineer. No time extensions or suspension of time charges will be made for failure to submit timely notifications or revised notifications.
- 4. Construction.** Employ an Individual Asbestos Consultant or an Asbestos Consulting Agency licensed by DSHS to develop an Asbestos Abatement Plan (AAP) for the indicated materials. The AAP must comply with all applicable provisions of NESHAP, TAHPR and OSHA. Include in the AAP the acceptable removal or abatement methods, worker protection requirements, air monitoring provisions, temporary storage of removed ACM, and the proposed method and location for disposal of ACM. Provide a copy of the AAP to the Engineer. Approval of the AAP by the Engineer is not required.

Use qualified personnel or subcontractors as specified herein to remove or abate ACM as described in the AAP. Do not deviate from the requirements in the AAP unless written approval is obtained from the developer of the AAP or the AAP is properly revised. Retain the services of the developer of the AAP throughout the duration of abatement work to ensure compliance with the AAP and applicable regulations. The developer of the AAP and the abatement subcontractor can be the same entity. The developer of the AAP is responsible for ensuring compliance with all applicable regulations.

5. **Storage and Disposal.** ACM that has been removed may be temporarily stored on-site provided the storage methods comply with the provisions in the AAP. Do not allow any accidental release of dust. Take removed ACM to a disposal facility licensed or approved to accept such materials as indicated in the AAP. Comply with NESHAP and TAHPR regulations regarding handling and transporting ACM. Take coating chips and spent abrasives with no ACM present to an appropriate disposal facility. Transport all materials in a manner to prevent accidental release of dust. In accordance with NESHAP, indicate on any shipping manifest for containers of ACM that the Department is the generator of the waste, the name of the transporter, the name of the administering agency (DSSH), and the name of the disposal facility.
6. **Measurement.** This Item will be measured as outlined below for the types of ACM indicated in the plans.
  - a. **Coatings:** Coatings on concrete, steel or wood by the square foot measured in place;
  - b. **Conduit:** by the foot measured in place
  - c. **Other:** Mastics, sealants, fiberboard or roofing felt bearings or other items listed in the plans by the cubic foot of material removed and collected for disposal.
7. **Payment.** The work performed in accordance with this Item and measured as provided under "Measurement" will be paid for at the unit price bid for "Asbestos Abatement" of the type specified (Coatings, Conduit or Other). This price is full compensation for developing the AAP, filing of required notifications, providing DSSH or OSHA certified personnel, containment systems, collection systems, equipment, labor, transportation and disposal of waste materials, and incidentals.