Special Specification

Item 8731

Management and Disposal of Contaminated Soils

8731.1 General Description

Areas of Concern are identified in the plans and the Environmental Site Assessments. Copies of existing Environmental Site Assessments shall be made available to the Contractor. The Contractor is responsible for reviewing and becoming familiar with the reference documents. These documents include:

1. Phase I Environmental Site Assessment
2. Phase II Environmental Site Assessment

8731.2 General Practices

Contaminated soils potentially exist at the areas of concern. Soils excavated from this area, or as directed by the Engineer, shall require special management practices. Soil generated from excavation(s), shall be staged and suitably stored, tested, properly transported and legally disposed of.

8731.3 Environmental Compliance

Contractor shall comply with Federal, state, and local regulations. Contractor shall classify the potentially regulated waste that is generated or encountered during the course of this project. Waste profiling/characterization and classification shall conform to the requirements described in 30 TAC §§ 335.501 – 335.515, 335.521 (Subchapter R).

8731.4 Soil Handling Practices

Excavated soils from the area of concern, or as directed by the Engineer, shall be stockpiled and tested for contaminants.

Stockpile areas shall not interfere with or create safety hazards related to roadway operations. Stockpile areas shall not be located outside the right-of-way, unless, it is approved in writing by the Engineer. Stockpile areas shall be fenced. Stockpiles shall be covered and protected from erosion. Runoff within the stockpile area shall be collected and managed in accordance with Special Specification 8728. Stockpiles shall be isolated from other materials and managed so that runoff from areas other than the stockpile area is diverted and not allowed to enter the stockpile area.

8731.5 Sampling and Waste Profiling

Samples shall be taken from each stockpile and tested for contaminants by a lab that is certified/accredited by the Texas Laboratory Accreditation Program and acceptable to the TCEQ. The Contractor shall provide the Engineer with copies of the test results.

The Contractor shall perform classification and determination of excavated material from the areas of concern, or as directed by the Engineer. Classifications and determinations shall conform to the requirements described in 30 TAC §§ 335.501 – 335.515, 335.521 (Subchapter R). The contractor shall provide the engineer with copies of the test results.

8731.6 Transportation of Contaminated Soils

Regulated waste shall be transported by signed manifests. A copy of the original and final manifest shall be provided to the Engineer. The documents shall be chronologically numbered. Daily work logs shall be maintained and provided to the Engineer.

Vehicles transporting contaminated material shall be TxDOT approved and properly covered with waterproof tarpaulins to prevent material from escaping.

Containers shall be properly labeled. The contents of the containers must be reported on the label. Emergency contact information and telephone number shall be placed on the label. Containers shall be properly sealed or lidded and the bungs shall remain in place when the contents are not in-use. Containers must be properly stored. Incompatible substances or materials shall be segregated for safe handling.

8731.7 Payment

Payment will be made for the disposal of contaminated soil on a per ton (2000 pounds) unit basis for Class 1 Non-Hazardous Waste and Class 2 Non-Hazardous Waste.

The contractor shall submit copies of the manifests to the Engineer within 10 calendar days of the material being removed from the site.

The contractor shall furnish the labor, materials, equipment, and related items required for the proper management, transportation, and disposal of contaminated material.

End of Item 8731