

10. ITEMS OF WORK AND CONSTRUCTION DETAILS

The following items are common to Bid Items 5, 6, 7, & 8:

- (1) Foundation preparation for the embankment structures shall be stripped to remove vegetation, topsoil, mine water discharge deposits and other unsuitable material. This material can be spoiled on the site in areas that will not interfere with installation of other components of the project.
- (2) In Section 2, Materials, the following shall apply:
 - (a) The material for construction of all embankments shall be the suitable material, below the stripping line, from all excavations of the project.
 - (b) Suitable material shall be fine-grained non-organic material from required excavations (ML, CL, or ML-CL).
 - (c) Unsuitable material including rocks larger than six inches (6") in any dimension shall be removed from the fill before placement on the embankments. Unsuitable material shall be disposed of on site in areas that will not interfere with installation of other components of the project.
- (3) In Section 4, Placement, the fill shall be placed in layers not to exceed nine inches (9") in thickness before compaction. The maximum size of rock incorporated in the fill shall be six inches (6").
- (4) In Section 5, Control of Moisture, the moisture content of the fill material shall be maintained within the limits required to:
 - (a) Prevent bulking or dilatance of the material under the action of the hauling and compacting equipment.
 - (b) Prevent adherence of the fill material to the treads and tracks of the equipment.
 - (d) Insure the crushing and blending of the soil clods and aggregates into a reasonably homogeneous mass.
- (5) In Section 6, Compaction, Class C will apply. Each horizontal layer shall be compacted with at least two passes of the earth moving equipment over the entire surface. The earth moving equipment shall weigh at least 20 tons.
- (6) In Section 9, Measurement and Payment, none of the Methods apply. The quantity of work will not be measured. Payment for these items will be made at the contract lump sum price for the item and will constitute full compensation for the completion of the work.

- (7) Items of work subsidiary to these work items are:

Excavation, Common – Construction Specification 21

Items of work to be performed in conformance with this specification and the construction details therefor are:

A. **Bid Item 5; Earth Fill, SAPS #1**

- (1) This item consists of the placement and compaction of all earth fill material required for construction of SAPS #1 as shown on the drawings.

B. **Bid Item 6; Earth Fill, Sediment Basin #1**

- (1) This item consists of the placement and compaction of all earth fill material required for construction of sediment basin #1 as shown on the drawings.

C. **Bid Item 7; Earth Fill, SAPS #2**

- (1) This item consists of the placement and compaction of all earth fill material required for construction of SAPS #2 as shown on the drawings.

D. **Bid Item 8; Earth Fill, Sediment Basin #2**

- (1) This item consists of the placement and compaction of all earth fill material required for construction of sediment basin #2 as shown on the drawings.