

ITEM 09555.26 M - PUMPING FINE AGGREGATE

Description:

Under this item, the Contractor shall pump fine aggregate under the pile cap in the areas as shown on the plans. The Contractor shall provide vent and injection pipes as shown on the plans, or their equivalent to assure that the areas are filled.

This work shall be accomplished under water. The use of experienced divers shall be required.

Materials:

Fine Aggregate: Fine Aggregate used to fill the void under the pipe cap shall comply with subsection 703-01.

Water: Water used shall comply with subsection 712-01.

Vent and Injection Pipes: Vent and Injection Pipes shall be non-corrosive metal or plastic of a size and strength compatible with injection equipment. Pipes shall have a threaded end or fitting for installation of a cap at completion of work. Alternate methods of sealing will be considered subject to acceptance by the Engineer.

Construction Details:

The Contractor shall submit a construction procedure in writing, to the Engineer for approval. No work shall begin until this procedure is approved by the Engineer. Prior to the pumping of fine aggregate under the pile cap, all of the fabric bags shall be in place and a means for assuring the void will be filled under the pile cap shall be provided.

Injection pipes and vent pipes shall be sealed upon completion of the fine aggregate placement to prevent escape of sand. Injection and vent pipes shall be made flush with the fabric forms and sealed or capped to prevent outflow of the fine aggregate, damage to the pipe cap, and reduce the potential of debris being caught on the exposed pipes. The method of sealing of the pipes shall be acceptable to the Engineer.

Method of Measurement:

Payment for the pumping of fine aggregate under the pile cap will be measured as the number of cubic meters placed into production approved and recorded by the Engineer.

Basis of Payment:

The price bid per cubic meter of fine aggregate shall include the cost of furnishing all labor, materials and equipment necessary to complete the work.

Payment will be made for the cubic meters of fine aggregate introduced into the pumping system even though some of it will be used for delivery purposes and not necessarily incorporated in the work. Material required to refill the system due to the Engineer directing that pumping be discontinued through no fault of the Contractor, his materials, or his equipment, will be paid for by the State. Stoppages attributable to the Contractor shall be the Contractor's responsibility and the cost of the material required to refill the discharge system shall be borne by the Contractor.