

ITEM 11615.9302 M - LANDSCAPE BOULDERS

DESCRIPTION

The work shall consist of furnishing and installing landscape boulders in conformance with the details shown on the contract drawings, and where directed by the Engineer.

MATERIALS

Boulders. Boulders shall be of an approved size and shape. Boulder dimensions shall be no less than two (2) meters in height, not less than three (3) meters in thickness, and not less than four and a half (4.5) meters in width. Boulders shall be smooth and rounded in shape with no sharp corners or angular projections.

The boulders shall be selected by the Engineer from the Contractor's chosen supplier. The Contractor shall stockpile the material, at a location approved by the Engineer.

Mortar. Mortar shall meet the requirements of Standard Specification Section 560-2.06, Mortar Materials for the mortar shall meet the requirements of the following subsections of Section 700 - Materials:

- 701-01 Portland Cement - Type 1, Type 2, Type 6
- 701-02 Masonry Cement
- 701-03 Mortar Sand

The color of the mortar shall be light gray and shall match the color of the boulders. Duplicate mortar samples shall be submitted to the Engineer for approval. Mortar which does not match the approved samples will be rejected.

Sand. Sand shall meet the requirements of Standard Specification Section 703-06, Cushion Sand.

CONSTRUCTION DETAILS

Boulders shall be cleaned free from marks or scars caused by construction equipment.

The Engineer shall be notified two weeks prior to delivery of the boulders to the construction site. The delivered boulders shall receive the approval of the Engineer prior to placement.

The contractor shall notify the Engineer when site preparation is complete. The Engineer will direct the placement of boulders in the field. Spacing and location of the boulders shall be as shown on the plans or as directed by the Engineer. Preliminary placement of boulders shall be "dry" (without mortar). The Contractor shall make adjustments in the boulder placement as directed by the Engineer. After the arrangement of boulders is approved by the Engineer, the contractor shall set the boulders in place with mortar as necessary to set the boulders in a stable position and to prevent future removal or displacement of the boulders.

METHOD OF MEASUREMENT

The quantity of landscape boulders to be paid for under this item shall be the actual number installed in accordance with the plans, specifications and directions of the Engineer.

BASIS OF PAYMENT

The unit price bid for each landscape boulder shall include all labor, material (including mortar), and equipment and

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all incidentals and appurtenances necessary to satisfactorily complete the work, including delivery and inspection.

Payment will not be made for repairs to damaged areas caused by the contractor's operations. No payment will be made for installing landscape boulders or work related thereto that has not been accepted by the Engineer or that has degraded due to the Contractor's negligence, material failure, or improper storage of the material.

DISAPPROVED
BY EI 12-001