ITEM 560.1322 04 REMOVE AND RECONSTRUCT HISTORIC STONE WALL

DESCRIPTION

Under this item, the Contractor shall remove the existing stone wall and columns from their original location and reconstruct them at the location and dimensions as shown on the plans or as ordered by the Engineer.

MATERIALS

The stone used shall be the existing cobblestones from the wall and columns being removed. The Contractor shall supply additional cobbles similar in appearance, size and composition to those in the existing wall, as needed, to complete the wall as shown on the plans. New cap stone for the columns and new stone wall coping shall provided as shown on the plans. All stone, both existing and supplemental stone, shall be clean, sound and free of mortar.

Class “A” Concrete Section 501
Reinforcing Steel for Concrete Section 556
Concrete Masonry Units, Meeting the Subsection 704-04
The requirements of Concrete Block (Slope Paving)
Masonry Mortar, Type “S” Subsection 705-01
Perforated Corrugate Polyethelene Underdrain Subsection 706-13

CONSTRUCTION DETAILS

This work shall be performed by skilled masons with a minimum of four years experience constructing masonry structures, preferably with historic renovations. The Contractor shall provide the Engineer with specific documentation of each mason’s experience.

Prior to any demolition of the existing wall, the two gas lights will be removed and the gas lines capped by the Village. The Village will reinstall the light fixtures at the completion of the wall reconstruction. The Contractor shall carefully dismantle the stone wall and columns being careful to minimize damage to the wall cobbles. All stone shall be cleaned and old mortar removed as approved by the Engineer prior to reuse within the reconstructed stone wall. The Contractor may, with the Engineers approval, use a cleaning solution to clean the cobbles that will not damage the cobbles. This cleaning solution shall be properly maintained, neutralized and disposed of and the cobbles thoroughly washed prior to reuse. All excess materials and unusable cobbles from the existing wall shall be disposed of by the Contractor.
ITEM 560.1322 04 REMOVE AND RECONSTRUCT HISTORIC STONE WALL

CONSTRUCTION DETAILS (CONT)

The new wall shall be set true to line and grade and to the dimensions shown on the plans or as ordered by the Engineer. The mortar joints in the newly reconstructed wall shall be similar in appearance, including the color and match the 3 mm raised bead currently found in the center of the mortar joint.

METHOD OF MEASUREMENT

This work will be measured as the number of complete structures (wall and matching columns are considered one structure) constructed including the footings.

BASIS OF PAYMENT

The unit price bid for the wall and columns shall include the cost of all labor, materials and equipment necessary to complete the work as shown on the plans, including dismantling the existing wall, cleaning of masonry and installing footing drain and connecting it to roadway drainage. Excavation and backfill will be paid for separately under the appropriate items.