

## **ITEM 11560.30 M - REPOINTING EXISTING STONE MASONRY**

### **DESCRIPTION:**

The work shall consist of removing with hand tools the existing deteriorated mortar and cleaning all loose material from, and pointing all joints in, the existing masonry where indicated on the plans or where ordered by the Engineer.

### **MATERIALS:**

Materials for pointing work shall meet the requirements of the following Subsections of Section 700, Materials Details of Standard Specifications (Metric Edition):

Portland Cement	- 701-01
Masonry Cement	- 701-02
Mortar Sand	- 703-03
Water	- 712-01

Mortar for pointing shall be composed of one part masonry cement and one part sand mixed in the manner specified in Subsection 560-2.06 of Standard Specifications (Metric Edition), Masonry.

Existing mortar shall be tested for composition and strength and the new mortar made compatible following the determination.

### **CONSTRUCTION DETAILS:**

The Contractor shall remove existing mortar where directed by the Engineer to a depth of at least 30 mm using hand tools. Any loose material remaining in the joint shall be removed in its entirety by the use of compressed air or other means as approved by the Engineer. This work shall be done immediately prior to pointing.

The joints shall be thoroughly wet with clean water and filled with mortar. The mortar shall be well driven into the joints and fill all voids between the stones. The joints shall then be finished with a pointing tool approved by the Engineer. The masonry shall be kept wet while the pointing is being done. The pointed masonry shall be protected from direct sunlight and kept wet for a period of at least seventy-two hours after the completion of each day's pointing.

No work shall be done when the ambient air temperature fall below 5°C, or when the masonry exhibits frost.

After the pointing is completed and the mortar set, all surfaces exposed to view shall be cleaned of mortar and cement stains.

The face of existing stone and dimension masonry shall be thoroughly cleaned after the completion of pointing of the existing joints.

The stonework shall be gone over and any mortar splashes, or smears and any other incrustated matter carefully removed from the surface by scrapers or Carborundum bricks.

### **METHOD OF MEASUREMENT:**

The quantity to be paid under this item shall be the number of meters of joints that have been cleaned and repointed in accordance with this specification to the limits shown on the plans or as ordered by the Engineer.

### **BASIS OF PAYMENT:**

The unit price bid per meter shall include the cost of furnishing all labor, material and equipment necessary to complete the work.