

ITEM 10564.11 M - REMOVE, STORE AND RESET DIAPHRAGMS ON STRUCTURE

DESCRIPTION

This work shall consist of removal, storage and resetting of diaphragms on structures in locations shown on the Plans, and as described in the proposal.

MATERIALS

Existing materials shall be salvaged and reused in resetting the diaphragms. Materials which by nature of their construction, or as determined by the Engineer, are not suitable for reuse, shall be replaced in kind as shown on the plans. Cost of this work shall be included in the unit price bid for this item.

CONSTRUCTION DETAILS

Before starting work, the Contractor shall fully inform the Engineer of the method of removal and types of equipment he proposes to use, which shall be subject to the approval of the Engineer. This approval shall not be considered as relieving the Contractor of his responsibility for safety of his methods of work, equipment, or for damage to the structure.

The locations of the existing diaphragms to be removed shall be as shown on the plans. The Contractor shall carefully dismantle and remove the existing diaphragms and provide safe storage of the salvaged materials until reuse. The salvaged diaphragms shall be erected in the same location as before and properly connected. Subsection 644-3.06 and New York State Steel Construction Manual requirements for welding and structural steel erection shall apply. The Contractor shall provide new bolts and connection plates as specified on the contract plans during reinstallation. Areas affected by replacement parts and welding operations shall be retouched as specified in the painting item.

METHOD OF MEASUREMENT

The quantity to be paid for under this item will be the number of diaphragms reset as shown on the plans or directed by the Engineer.

BASIS OF PAYMENT

The unit price bid shall include the cost of furnishing all labor, materials and equipment necessary to remove, provide safe storage, reset the diaphragms and all painting as necessary for this work. No separate payments will be made for bolts and for welding. Any material that is damaged through carelessness on the part of the Contractor shall be replaced by him at his own expense.

Progress payments for the work under this item will be made as follows: 25% for the removal and storage of the diaphragms and the remainder (75%) upon satisfactory resetting of the diaphragms.