

ITEM 10615.1902M - GENERAL HVAC CONSTRUCTION

DESCRIPTION

This Bid Item shall include all the necessary and required heating, ventilation and air conditioning work, as shown on the Plans, included as part of the reconstruction of a single-story warehouse to become NYSDOT Region 10's new Transportation Management Center (TMC). The Heating, Ventilation and Air Conditioning Work shall include all Work specified in the Special Notes and as indicated on the Plans.

The work under this Item does not include:

- TMC General Construction (Building and Sitework)
- TMC Plumbing and Fire Protection Work
- TMC General Electrical Work

This work does include limited electrical work associated with the proposed mechanical system, specified within this Item, which shall be the responsibility of the TMC Heating, Ventilation, and Air Conditioning Contractor. Such work consists of wiring between starters and HVAC units, all disconnects, control wiring, and other electrical work necessary to complete the HVAC work.

Also included is coordination with other TMC Contractors responsible for the TMC General Construction Work, TMC Plumbing and Fire Protection Work, and the TMC (General) Electrical Work, which will be concurrently performed under separate contracts.

Limits of work under this Item are shown in the Plans.

MATERIALS AND CONSTRUCTION DETAILS

Contractor shall refer to the Special Notes in Construction Specifications Institute (CSI) Division format appearing elsewhere in the Contract Documents (Divisions 1, 15, and 16).

Division 16 sections are included for compliance with the electrical work specified for the HVAC work.

METHOD OF MEASUREMENT

This Item for General Heating, Ventilation and Air Conditioning Construction shall be measured for payment on a lump sum basis for the Work completed in accordance with the Contract Documents and as directed by the Engineer.

BASIS OF PAYMENT

The lump sum price shall include the cost of furnishing all labor, materials, equipment, and appliances necessary to complete the Work as indicated on the Plans, and as specified under this Item, including the cost of coordination with other TMC contractors.

Payments will be made for this Item in proportion to the total amount of work completed.

Before the first payment estimate is issued for work under this Item, Contractor shall furnish to the Engineer, a detailed estimate of quantities and prices of all materials and labor under this Item, which shall aggregate the contract lump sum price bid for this Item. This estimate shall be

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made out in such form as required and, if requested, support by such evidence of its correctness as the Engineer may direct. This evidence shall include certified copies of subcontracts.

Contractor agrees that this detailed estimate shall not become effective until it has been approved by the Engineer, who shall have the right to revise the estimate as, in his judgment, may be required to make the various subdivisions of work conform to their true value. The approved detailed estimate shall be used as a basis for payments for work completed under this Item. The proportionate share for bond premiums for this Item shall not be listed as a separate item but its cost shall be distributed pro rate throughout the estimate for this Item.

BY EI 12-001