

ITEM 10615.1904M - GENERAL PLUMBING AND FIRE PROTECTION CONSTRUCTION

DESCRIPTION

This Bid Item shall include all the necessary and required plumbing and fire protection 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 Plumbing and Fire Protection 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 Heating, Ventilating, and Air Conditioning Work
- TMC General Electrical Work

This work does include limited electrical work associated with the proposed plumbing and fire protection system, specified within this Item, which shall be the responsibility of the TMC Plumbing and Fire Protection Contractor.

Such work for plumbing shall include providing control wiring between aquastat and hot water circulating pump.

Such work for fire protection shall include providing ceiling mounted smoke detectors in all areas protected by pre-action (PA) sprinkler system as shown on Fire Protection Plans; providing all power and alarm wiring between PA system control panel and PA system smoke detectors; providing all wiring between the PA panel and the solenoid release valve of the PA valve trim.

Also included is coordination with other TMC Contractor's responsible for TMC General Construction Work, TMC Heating, Ventilation, and Air Conditioning Work, and TMC (General) Electrical Work that 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, 13, 15, and 16).

Division 13 and Division 16 sections are included for compliance with the electrical work specified for the plumbing and fire protection work.

METHOD OF MEASUREMENT

This Item for General Plumbing and Fire Protection Construction will 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.

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BASIS OF PAYMENT

The lump sum price bid 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, the 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 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.

The 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.