

ITEM 01615.41 M - MODIFY COMMERCIAL BUILDING

DESCRIPTION.

Under this item, the Contractor shall furnish all labor and materials required to modify the commercial building in accordance with the Contract Drawings, these specifications and/or as ordered by the Engineer.

The work includes, but is not limited to:

Footing and concrete slab excavation, concrete work, steel framing and wall girts and panels, metal roof purlins and panels, moisture protection and weatherproofing, and builders hardware. Minor electrical work consisting of relocating existing wiring, lighting, and signs will be necessary.

The owner shall be responsible for removing all items from the area of the building that is being demolished, subject to the contractor providing advanced notice as noted below. All materials in the demolished section of the building shall become the property of the Contractor.

The Contractor shall take all necessary precautions to protect the remaining sections of the building, including the roof, and any items that are within or adjacent to the building. The Contractor shall provide his schedule and a sixty (60) day advance notice of anticipated start of work in the building and shall coordinate his work in a cooperative spirit with the owner to minimize disturbances to the operations of the building. The contractor shall relocate any utilities within the demolished portion of the building and beneath that portion of the building to the elevation of the subgrade. The contractor shall work expeditiously to complete the work in a timely manner. The contractor is cautioned to exercise care with the contents that will remain with the building and the operations within the building. Any damages to the building and its operations caused by the contractor's work shall be the contractor's sole responsibility and any material costs for repair or replacement shall be borne by the contractor.

The contractor shall furnish and provide new materials of same size and material specification to adequately support and enclose the modified building. The cost of all materials and labor shall be included in the unit bid price for this item. The contractor shall provide a system to temporarily enclose & secure the front of the building during construction, if necessary, prior to completing the building modifications.

The work under this item does not include:

- General Carpentry work
- General Plumbing Construction work
- General HVAC Construction work

Limits of the work, under this item, are shown in the Contract Drawings.

The contractor shall submit design drawings and calculations signed and sealed by a New York State Professional Engineer, for DOT approval. The drawings should show the location of new columns, beams and foundation supporting the columns. The wall enclosures and roof details should be similar to the existing system. After constructing new concrete foundation and steel columns parallel to the existing west face, the contractor shall support the existing beams with new edge beam below. The connections shall be designed

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for member capacity. Once the new framing is complete, the existing siding, roof and columns can be removed. The contractor shall provide new enclosure after the existing portion of the structure is demolished as shown in the contract drawings.

MATERIALS AND CONSTRUCTION DETAILS.

The Contractor shall refer to the “Products” and “Execution” portions included in the Contract Proposal. Construction details are shown in the Contract Drawings.

METHOD OF MEASUREMENT.

This item 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 bid shall include the cost of furnishing all labor, material, equipment and appliances necessary to complete the work as indicated on the plans, and as specified under this item.

DISAPPROVED
BY EI 12-001