

ITEM 10202.25 M - CONSTRUCTION AND DEMOLITION DEBRIS EXCAVATION AND HANDLING (BY WEIGHT)

ITEM 10202.26 M - CONSTRUCTION AND DEMOLITION DEBRIS TRANSPORTATION AND DISPOSAL (BY WEIGHT)

GENERAL

The Contractor shall furnish all equipment, labor, materials, disposal fees, other fees, permits, taxes and incidentals to complete the work consisting of the excavation, stockpiling, removal, transportation, and disposal and any other handling required for proper management of all materials required to be removed as detailed on the plans.

As detailed on the plans, all materials encountered in the excavation above existing grade are classified as construction and demolition (C&D) debris, as per NYSDOT Materials Bureau. This material includes, but is not limited to, the debris piles as shown in the Plans, wire cables, deteriorated steel sheet piling, erosion screening and other material as noted by the Engineer. Riprap shall be left in place unless ordered for removal by the Engineer. Removal and disposal of C&D debris are described in NYSDEC Part 360; facilities accepting such designated wastes in the State of New York are required to maintain a current permit. The Contractor is responsible for choosing appropriate disposal facilities and specifying those facilities in the Materials Handling Plan submittal.

The Contractor will be required to bid on the excavation and handling of the C&D material based on the weight of material removed. Payment for the transportation and disposal of the C&D material will be based on the weight of the material transported off the site. No payment will be made for disposal of materials excavated outside the lines and grades shown on the plans.

MATERIALS

The Contractor will be required to provide 152 micron plastic sheeting for covering of stockpiles, trucks, and/or rolloffs.

SUBMITTALS

MATERIALS HANDLING PLAN

Within 30 calendar days after the contract is awarded, the Contractor shall submit to the Engineer for review and approval, a Materials Handling Plan. The Materials Handling Plan must be approved in writing by the Engineer prior to the Contractor's commencement of work within the defined areas. The Materials Handling Plan shall, at a minimum include:

Detailed written procedures to be followed to excavate, load and transport construction and demolition debris to conveying vehicles and/or the stockpile or staging area, which is at the Contractor's convenience.

An outline of the Contractor's intended methods for storage, transportation, and/or disposal as applicable. This will include:

- The method of disposal that will be used.

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- Identification of and information on the Contractor's proposed off-site disposal facilities shall be submitted and will include: facility name, address, responsible contact person and a copy of each disposal facility's current operating permit.

- Identification of and information on the Contractor's proposed waste transporter to include: name, address, telephone number, responsible contact, NYS Transporter ID number, and any and all necessary permit authorizations for the waste anticipated to be transported from the site to treatment/disposal facilities.

EXECUTION

EXCAVATION

Excavation shall be performed in general accordance with NYSDOT standard specification 206-3.01. An accurate weigh scale shall be provided at the work site by the Contractor to weigh the C&D material that is excavated and handled by the Contractor. This material shall be considered unsuitable for any re-use on this project.

The steel sheet piles and timber piles located along the shoreline in the vicinity of the debris piles shall be pulled out. If the Engineer deems this work too difficult, the sheeting and piles shall be cut at an elevation 0.75-1.00 m below grade.

STOCKPILING AT DIRECTION OF ENGINEER

Stockpiling or staging C&D material will be at the Contractor's convenience.

OFF-SITE TRANSPORTATION

The Contractor shall verify and document that the transporter has a current waste transporter's permit authorizing the transport of the project waste streams to the intended final disposal facility(s) subject to the approval of the Engineer. The Contractor shall coordinate all shipments and arrivals at the disposal facilities to meet project schedule requirements. The Contractor shall complete any required shipping papers/manifests, placarding, and weighing/load measurements and provide documentation/copies to the Engineer.

The Contractor shall ensure that trucks used to transport any C&D materials from the site are properly covered to keep material from falling out of the truck. The Contractor is responsible for any debris that spills out of the truck.

The Contractor will use only the transporters listed in the Materials Handling Plan. The Contractor must obtain written approval of the Engineer prior to any change in the use of listed transporters.

The Contractor shall not combine materials from other projects with materials from the Project Site.

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The Contractor shall be held responsible for any and all actions necessary to remedy situations involving material spilled in transit or mud and dust tracked off site. Any cleanup necessary shall be accomplished at the Contractor's expense.

DISPOSAL

The Contractor will ensure that materials are transported to the intended facilities, and only to the facilities listed in the Materials Handling Plan. The Contractor must obtain written approval of the Engineer prior to any change in the use of listed facilities.

Trucks used for transportation to the disposal site shall be tared out at the on-site weigh scale on the day(s) that the truck is loaded, and shall be gross weighed at the same weigh scale within one hour of leaving the site with its load. Trucks then shall proceed directly to the disposal facility where they will be gross and tare weighed again. The Contractor will also receive weight tickets or other measurements from both the on-site scale and the disposal facilities and provide such documentation to the Engineer. Any deviation (>10%) between records of materials shipped and materials received will be reported immediately on the day of shipping to the Engineer.

METHOD OF MEASUREMENT

The excavation and handling of construction and demolition debris will be measured by the weight of material excavated measured at the on-site weigh scale in metric tons. Transportation and disposal of C&D materials at the approved permitted off-site disposal facilities will be based on the weight of the material in metric tons transported, as determined by the Engineer from weigh tickets at the disposal facilities and/or the on-site weigh scale.

BASIS OF PAYMENT

The unit price for Item 10202.25M C&D Debris Excavation and Handling shall include the cost of furnishing all labor, materials, equipment and excavation stockpiling of C&D material required by the disposal facility and weigh equipment that is necessary to complete the work. All costs incidental to this excavation including but not limited to the preparation of the plans and submittals required in Item 10202.25M C&D Debris Excavation and Handling shall be included in the unit price for C&D Debris Excavation and Handling item.

The unit price for Item 10202.26M C&D Debris Transportation and Disposal shall include the cost of furnishing all labor, materials, equipment, transportation, disposal, plans and submittals and documentation.