

**ITEM 662.1819nn08 - FURNISH AND INSTALL PVC CONDUIT(S) OFF STRUCTURE
(CABLETV)**

DESCRIPTION:

This work shall consist of furnishing and installing PVC conduits and fittings of the number, type, and at the locations indicated in the contract documents and in accordance with the applicable specifications and standards of Cablevison.

The contractor may contact Cablevison for information at the following office:

Cablevison
19 South Street
Warwick, NY 10990
Mr. Dennis Haney at (845)986-0221 ext. 248

MATERIALS:

Type "C" PVC conduits shall be 4 NPS (4" I.D.), one ended bell, sweeps and fittings, telephone white, and conforms to GT8343, United CH5-71, and Nema TC-10.

Schedule 40 PVC multiple conduits (Quad) shall be 4 Way 1 1/4 NPS (1 1/4" I.D.), one ended bell, sweeps and fittings, and conforms to UL Standard 651, Nema TC2-1990, and Federal Specification WC 1094A.

Conduit manufacturer shall be American U-Tel or approved equal.

PVC cement shall be supplied to join sections of PVC conduit as per manufacturer's recommendations.

Pull cords shall be 10 mm (3/8") polypropylene rope.

CONSTRUCTION DETAILS:

The contractor shall install Type "C" and/or Schedule 40 PVC conduits at locations shown on the plans or as directed by the Engineer.

Conduit bends, where required, shall be made using standard fittings without appreciably reducing the internal diameter.

All conduits installed shall be tested for clear bore and correct installation by the contractor using a ball mandrel, brush and snake before the installation will be accepted. The ball shall be approximately 85 percent of the internal diameter of the raceway to be tested. Two short wire brushes shall be included in the mandrel assembly. Snaking of the installing cord for the conduits shall be done by the contractor in the presence of the Engineer. All conduit which rejects the mandrel shall be cleared at once; the contractor bearing all costs to replace defective conduit.

All empty conduit and duct openings shall be capped or plugged by the contractor as directed by the Engineer.

**ITEM 662.1819nn08 - FURNISH AND INSTALL PVC CONDUIT(S) OFF STRUCTURE
(CABLETV)**

Polypropylene rope shall be installed in all PVC conduits.

Excavation shall be in accordance with the provisions of Trench and Culvert Excavation in Section 206 of the NYSDOT Standard Specifications.

Whenever excavation exceeds 1.5 meters in depth, sheeting shall be used and shall meet the requirements of Section 552 of the NYSDOT Standard Specifications.

Backfill shall meet the requirements of and be in accordance with Items shown on the plans or as directed by the Engineer.

METHOD OF MEASUREMENT:

This work will be measured on a lump sum basis.

The fixed price shown in the proposal is not to be altered in any manner by the bidder. Should the amount shown be altered, the new figure will be disregarded and the original price will be used to determine the total amount bid for the Contract.

BASIS OF PAYMENT:

The amount set forth in the proposal is a fixed price for all bidders. Any bid, other than the specified amount shown on the itemized proposal, will be adjusted to reflect the fixed price and the contractor shall be entitled to payment for this item strictly in accordance with this paragraph. The fixed price shall include the cost of furnishing all labor, materials, and equipment necessary to complete the work in accordance with the contract documents. or as directed by the Engineer. No separate payment will be made for installing; measuring/pull cords, adaptors, couplings, warning tape, or de-watering or sealing penetrations into manholes but the cost of these items shall be included in the price bid for this item.

The cost of excavation, backfill, and surface restoration will be paid for under the appropriate items shown in the contract documents.

Note: "nn" denotes a serialized pay item (for each location), see Subsection 101-53.