

ITEM 670.0501--25 – FURNISH AND INSTALL PRIMARY URD CABLE AT 4kV to 15kV

1. DESCRIPTION:

- 1.01 The Contractor shall furnish and install a primary service line from the Thruway Authority transformer(s) to the top of the riser assembly on the terminal pole. New Terminal Pole to be provided by the Utility, Central Hudson Gas and Electric, Inc. (CHG&E). The contractor shall consult with the Utility to determine the means and methods to install the cable within the existing and 4 inch conduit installed under 670.2604 to the location(s) indicated in the Contract Documents. All work shall conform with the requirements of the Utility, the NEC, the NESC and all other local, state and federal codes and regulations.

2. MATERIALS:

- 2.01 For primary cable installations of [REDACTED]
- 2.02 All primary cables shall be field tested in accordance with the manufacturer's recommendation for testing the electrical integrity of the insulation. The field test shall be made after the installation is complete.

3. CONSTRUCTION DETAILS:

- 3.01 The Contractor shall coordinate and notify the Thruway Authority facilities contact below, three days prior to the transfer of electrical service by the Utility. This is necessary to allow for the seamless transfer of electrical power from the current utility supply to the Thruway Authority standby generators then back to the new electrical service installed by the Utility. It is the contractor's responsibility to notify the Utility when the project site is ready for the Utility work; the Utility contact is listed below. The Contractor shall insure that the site is readily and safely accessible to the Utility's workers and equipment, and shall conduct his operations in such a manner as to allow the Utility's forces to perform their work efficiently. The Contractor shall make every effort to minimize the length of time the facility is on stand-by power.
- 3.02 All labor and equipment necessary to accomplish the underground cable relocation shall be furnished and installed by the contractor.

[REDACTED]

[REDACTED]

4. METHOD OF MEASUREMENT:

- 4.01 This item will be measured for payment on a linear foot basis for work completed in accordance with this Specification, the Contract Documents, and as directed by the Engineer.

5. BASIS OF PAYMENT:

- 5.01 The unit price bid per linear foot shall include the cost of furnishing all labor, materials and equipment necessary to install cable within existing and new conduit.