

ITEM 11599.30 M - ELECTRIC SERVICE EQUIPMENT

DESCRIPTION

The work shall consist of furnishing, installing and testing complete and operational electric service equipment in accordance with the plans, standard sheets, and specifications or as directed by the Engineer.

Where not specifically covered on the plans, specifications, or special provisions, all equipment shall be installed according to the manufacturer's published recommendations.

Included in this work is the furnishing and installing of panel boards, lighting contactors, circuit breakers, C.T. cabinet, meter, wireway, and all conductors, grounds, hangers, brackets, condulets, couplings, ground rods, adapters, bends, service connection, and all other materials necessary for operating and controlling the bridge, ramp, parking and future lighting system.

MATERIALS

All equipment shall conform to the EEI, NEMA, ANSI, and ASTM Standards. All materials shall conform to the latest requirements of the "National Electrical Code", the rules of the New York State Public Service Commission, local power company requirements and any local ordinances which may apply. Differences in standard requirements shall be resolved as determined by the Engineer.

CONSTRUCTION DETAILS

Contractor shall submit vendor's catalog cuts and shop drawings of all components, assemblies and systems called for, shown, and required including product specifications, installation details and dimensions of work to be performed. Submittal to include associated appurtenances for a complete and functional system.

Contractor shall perform insulation test, ground test and functional test.

Contractor shall be responsible for all coordination with and between the utility company for the required electrical service.

METHOD OF MEASUREMENT

The quantity to be paid for electric service equipment shall be lump sum.

BASIS OF PAYMENT

The lump sum price bid shall include the cost of furnishing all labor, materials and equipment necessary to complete the work in accordance with the plans, approved shop drawings, approved catalog cuts, standard sheets, and specifications. The lump sum price bid shall also include all fees and expenses for testing, service connections, licenses and for all associated components.

<u>ITEM No.</u>	<u>ITEM</u>	<u>PAY UNIT</u>
11599.30 M	Electric Service Equipment	Lump Sum