

unit price each.

ITEM 815.1

TRAFFIC CONTROL SIGNAL

LUMP SUM

SCOPE OF TRAFFIC SIGNAL WORK

The work to be done related to traffic signal installation consists of the installation of new traffic signals at the intersection of Rockdale Avenue at Bolton Street, complete with vehicle detectors, emergency preemption, signal posts, signal heads, mast arm assemblies, cabinets, foundations, wire and cable, communication links for a traffic signal control system, an electrical service connection and all other equipment, materials and incidental costs necessary to furnish, install and program a complete and functioning traffic control system as specified and as shown in the contract documents.

All work under these items shall conform to the relevant provisions of Section 800 of the Standard Specification, the 2003 Manual on Uniform Traffic Control Devices (MUTCD) as amended, and the following technical provisions:

GENERAL REQUIREMENTS

A list of the major traffic signal items required is included on the Plans. Each component supplied shall be compliant with applicable federal and state laws as they apply to NTICP.

Within 30 days following execution of the Contract, the Contractor shall submit shop drawings for signal supports, a list of equipment, and manufacturer's equipment specifications to the City of New Bedford or its authorized representative in accordance with the relevant provisions of Section 815.20.

No work shall be commenced by the Contractor until approval of the shop drawings and the manufacturer's data has been received in writing from the City of New Bedford or its authorized representative. Approval of these drawings shall be general in character and shall not relieve the Contractor from the responsibility of, or the necessity of, furnishing materials and workmanship conforming to the plans and specifications.

The Contractor shall deliver to the City of New Bedford or its authorized representative a certificate of compliance with the manufacturer for all materials purchased from the manufacturer.

Any Electrical Contractor performing work on roadways or signals under the jurisdiction of the City of New Bedford must be on the MassHighway Approved Contractor List and also be a certified by the International Municipal Signal Association (IMSA) for Traffic Signal Electrician Level II or Level III.

The controller unit shall include internal time of day, day of week, week of month programming and be programmed with the latest daylight savings time adjustments. STARTING in 2007, Daylight Saving Time begins at 2:00 a.m. on the second Sunday in March and reverts to standard time on the first Sunday in November.

SERVICE CONNECTIONS