

ADDENDUM NO. 6

(4/27/2018)

This addendum #6 to the “Ipswich River Substation – Site Construction” bid documents released on 3/29/18 contains responses to several questions that have come up during the bid process:

- The pilot wire cable on the existing 23 kV subtransmission poles that is to be replaced with fiber optic cable is located below the 23 kV phase conductors, generally at least 4’ below the lowest phase. The poles are accessible with bucket trucks. Qualified contractors should be able to work in this area with the 23 kV alive, but outages to the lines can be arranged if necessary with sufficient notice to the OWNER.
- The fiber optic cable may be spliced where necessary to facilitate installation. Splicing shall be minimized to the extent practical.
- The scheduling, notification and any required traffic control (including police and DOT requirements) for the fiber crossing of Route 1, I-95 and Route 128 is the responsibility of the contractor.
- A new 20’ wide double swing gate is required at Waters River Substation, as shown on the drawings. The gate shall be a standard 8’ high chain link fence gate with 12” of barbed wire on top.
- At the new Ipswich River Substation, the 115 kV tap line and shield wire tensions are shown on Drawing 919911IR-E100.
- The 795 ACSR and 3/8” EHS shield wires for the 115 kV taps at Ipswich River Substation are provided by the OWNER with the substation equipment package for installation by the Contractor.
- All 23 kV wire (795 ACSR, 336 spacer cable, etc.) is to be provided by the Contractor.
- All of the 23 kV steel poles near Ipswich River Substation (along bike path between Russell Street and the substation) are to be installed on Helical piles.
- All line material required for the 23 kV distribution line and taps at Waters River Substation are to be furnished and installed by the Contractor.
- The control cable used for the substation work is not shielded, except for communication cable. Communication cable is shielded per the specification section for “Instrumentation Cable”.

- At Waters River, the scope includes removal of the existing 5 kV substation foundation and concrete block building, per the drawings. Drawings are not available for the existing 5 kV substation foundation. A typical detail for a similar 5 kV substation foundation was included with Addendum 3 to be used as reference for the removal work. Vacuum excavation is not required. The overhead wires over this area and the location of the spare transformer foundation will be removed prior to construction by the OWNER.
- The bid opening will remain on Wednesday, May 2, 2018 at 11:00 am.