

Tender Addendum No.1

File
124154Tender
PEC LTCTender No.
10331137Date
**Oct
3, 2024**Owner
The Corporation of Prince Edward County

Message to Bidder

The following enclosed details pertain to Addendum No.1 detailing requirements for the 44kV Medium-Voltage Electrical design and specifications:

1. Refer to drawings E-1, E-2 and E-3 prepared by Tatham Engineer for the Medium-Voltage (44kV) Electrical installation requirements. Note these design drawings are preliminary and are for tendering only.
2. Refer to enclosed specifications detailing the requirements for the Medium-Voltage (44kV) Electrical installation requirements including:
 - a. 26 12 00 Medium-Voltage Transformer
 - b. 26 14 00 Medium-Voltage Ductbanks
 - c. 26 17 00 Medium-Voltage Power Cables
 - d. 26 18 00 Medium-Voltage Circuit Protection Device
3. Refer to "Project Manual 2 Volume 2 of 2 - Electrical, Mechanical & Civil PEC LTC" specifications prepared by HDR. Include the following specification additions:
 - a. *Section 26 05 26 Grounding*
Part 2 - Products
2.1 Materials

.7 Provide a complete ground grid system for the proposed substation, as identified in the GPR Study prepared by PSA Solutions Inc. Include all ground conductors, ground rods and connections as detailed in the report and on drawings.

Note, the GPR Study is currently in progress and will be issued when completed.
 - b. *Section 26 05 26 Grounding*
Part 3 - Execution
3.2 GPR Ground Grid Testing

- .1 After the construction of the substation ground system, perform a ground grid resistance test using 4-point Wenner test method, and in accordance IEEE-81 (latest edition) to measuring earth resistivity and ground impedances.
- .2 Prepare a report to verify ground grid resistance complies with the GPR study. The resistance of the station ground electrode at each station shall be measured, and changes shall be made if necessary to verify and ensure that the maximum permissible resistance is not exceeded. Refer to the section 36-301 1) and section 36-304 4) of the OESC (latest edition) for station ground resistance requirements.

Terms & Conditions

Except as to and to the extent that they are amended by the foregoing, all terms and conditions of the tender document remain in full force and effect, and time shall be of the essence.

Directions to Bidder

The Bidder shall:

- 1. sign this Addendum in the space provided below and submit this Addendum to the Owner in the same envelope as the Tender.
- 2. enter this Addendum number in the Tender Form.

Signature of Bidder

Date