

Addendum/Addenda

No./N° 3

Project Description / Description de projet Building U-66 - New 115kV Outdoor Substation, Uplands Campus		
Solicitation No./ N° de sollicitation 15-22066	Project No./N° de projet 5078	W.O. No./N° d'ordre de travail A1-006434-01
Departmental Representative / Représentant Ministériel Maurice Richard	Date August 28, 2015	
Notice: This addendum shall form part of the tender documents and all conditions shall apply and be read in conjunction with the original plans and specifications.		Nota: Cet addenda fait partie intégrale des dossiers d'appel d'offres; toutes les conditions énoncées doivent être lues et appliquées en conjonction avec les plans et les devis originaux.

DESCRIPTION OF WORK

Specifications

Section 26 05 27, Paragraph 3.2.2

Revise paragraph as follows:

- .2 The ground electrode horizontal conductors are to be 4/0 AWG bare copper conductors and should be laid as per the substation electrode drawing. If a grid conductor's path is blocked by a concrete pad or another structure, minor adjustments in routing are acceptable; however, if the whole path is blocked, then circle the obstruction with a conductor, fasten the ends together and connect to rebar within the obstruction, and attach all obstructed grid conductors onto the circled conductor.

Section 26 18 26, Paragraph 2.1.1.10

Revise paragraph as follows:

- .10 Must communicate DNP3, IEC 61850 and Modbus RTU Protocols over fiber optic or Ethernet ports.

Section 26 18 26, Paragraph 2.1.2.12

Revise paragraph as follows:

- .12 Must communicate DNP3, IEC 61850 and Modbus RTU Protocols over fiber optic or Ethernet ports.

Section 26 18 26, Paragraph 2.1.3.11

Revise paragraph as follows:

- .12 Must communicate DNP3, IEC 61850 and Modbus RTU Protocols over fiber optic or Ethernet ports.

Section 26 24 13, Paragraph 2.1.3

Revise paragraph as follows:

- .3 Breaker interrupting capacity: 36kA at 15 kV.

Section 26 12 14, Paragraph 2.7

Add paragraphs as follows:

- .3 Transformer tap changers tap position must be capable of being communicated over an IEC 61850 communication network via a communication device supplied with and by the transformer manufacture. Tap changers communication device must be located within the transformers auxiliary control box enclosure.
- .4 Supply, install and terminate optic fiber from transformer enclosure to 6.9kV switchgear to communicate tap changer position to main transformer relays installed in 6.9kV enclosure.

Section 26 12 14, Paragraph 2.14

Revise paragraph as follows:

- .1 ABB Inc.
- .2 Siemens
- .3 Virginia Transformer Corporation
- .4 Or Approved Equivalent

Drawings

Update drawing D-5078-E01, "Re-Issued for Tender" as per Figure No. SK-ADD1-1.
Update drawing D-5078-E05, "Re-Issued for Tender" as per Figure No. SK-ADD1-2.
Update drawing D-5078-E08, "Re-Issued for Tender" as per Figure No. SK-ADD1-3.
Update drawing D-5078-E09, "Re-Issued for Tender" as per Figure No. SK-ADD1-4.
Update drawing D-5078-E10, "Re-Issued for Tender" as per Figure No. SK-ADD1-5.
Update drawing D-5078-E12, "Re-Issued for Tender" as per Figure No. SK-ADD1-6.
Update drawing D-5078-E15, "Re-Issued for Tender" as per Figure No. SK-ADD1-7.
Update drawing D-5078-E16, "Re-Issued for Tender" as per Figure No. SK-ADD1-8.
Update drawing D-5078-S01, "Re-Issued for Tender" as per Figure No. SK-ADD1-9.

END

Issued by:



Signature

August 28, 2015

Dated

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