

# Addendum / Addenda

Project Description / Description de projet <b>U66 U66 New 115KV Dead-End Structure</b>		
Solicitation No./N° de sollicitation <b>17-22089</b>	Project No./N° de projet <b>5078</b>	W.O. No./N° d'ordre de travail <b>A1-011227-03-01</b>
Departmental Representative / représentant ministériel <b>Maurice Richard</b>		Date <b>November 15, 2017</b>
<b>Notice:</b> 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.		<b>Nota:</b> Cet addenda fait partie intégrale des dossiers d'appel; toutes les conditions énoncées doivent être lues et appliquées en conjonction avec les plans et les devis originaux.

### Response to Bidder questions

- Question:** Who will be responsible for the completion of locates on NRC private property? Ontario One Call will not complete locates on private property.

**Answer :** It is the responsibility of the contractor to hire a company to complete locates. Refer to section 01 35 29.06, part 1.18 of the specification.
- Question:** Section 001000 General Instructions subsection 1.12 Working Hours and Security note the normal working hours are from 8 am until 4:30 pm Monday to Friday but Plan #D-5078-G100 Project Specific Notes #2 Indicates that normal working hours are 6 am to 10 pm Monday to Friday. Please clarify which hours are correct.

**Answer:** Addendum #1, sketch SK\_ADD1\_G100 addresses this comment.
- Question:** The question was posed at the site meeting if the insulators at the corner pole were to be replaced as well but we were not provided a definite answer. Can you please confirm if the insulators will or will not be replaced?

**Answer:** Addendum #1, sketch SK\_ADD1\_E103 addresses this comment.
- Question:** Section 260510 Electrical Testing Subsection 1.1 Scope paragraph 5 indicates the contractor will arrange and pay for all switching and isolation services required from Hydro One. In the site meeting and on the plans it indicates that NRC will schedule the shutdown with Hydro One to Isolate the 115kv line. Will NRC also be taking care of all Hydro One fees?

**Answer:** NRC will arrange the supporting guarantee with Hydro One, contractor is not required to carry this cost. Specification updated as per addendum #1.
- Question:** Please clarify what testing requirements under Section 260510 actually apply to this project.

**Answer:** All testing requirements detailed in section 260510 are required to be completed.

- 6 **Question:** Who will be responsible for operation of the Load Break Switch located inside the substation?  
**Answer:** The load break switch will be operated by the NRC, but the contractor is responsible for completing their own grounding and lock-outs.
- 7 Section 26 05 10, Paragraph 1.1.5  
Revise paragraph as follows:  
.5 The NRC will arrange and pay for all switching and isolation services required from Hydro-One.  
Update Drawing D-5078-G100 as per sketch SK-ADD1-G100  
Update Drawing D-5078-E102 as per sketch SK-ADD1-E103
- 8 See attached Attendance sheet.



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PROJECT SPECIFIC NOTES:

1. ALL WORK REQUIRING EQUIPMENT SHUTDOWNS MUST BE COORDINATED WITH THE NRC, AND COMPLETED DURING OVERTIME HOURS. SHUTDOWNS MUST BE COMPLETE 8 HOURS IN ADVANCE OF ~~THE SITE'S REGULAR WORKING HOURS, WHICH ARE MONDAY TO FRIDAY 8AM UNTIL 4:30PM.~~ SHUTDOWNS CANNOT START UNTIL 2.5 HOURS AFTER NORMAL WORKING HOURS.
2. CONTRACTOR IS RESPONSIBLE FOR CONFIRMING PHASING AND ROTATION MATCHES EXISTING SYSTEM CONFIGURATION PRIOR TO ENERGIZING ANY NEW FEEDER CABLES OR NEW EQUIPMENT AND SHALL SUBMIT DOCUMENTATION STATING EXISTING PHASE ROTATION BEFORE DE-ENERGIZATION OF ANY FEEDER.
3. CONTRACTOR MUST COMPLETE SERVICE LOCATES IN ALL AREAS WHERE EXCAVATION IS BEING COMPLETED BEFORE COMMENCING EXCAVATIONS. CONTRACTOR MUST SUPPORT EXISTING SERVICES AS REQUIRED DURING EXCAVATION.
4. ALL EXCAVATION IN 115KV SUBSTATION AND WITHIN 2 METERS OF EXISTING SERVICES MUST BE COMPLETED BY HYDRO VAC.
5. CONTRACTOR IS RESPONSIBLE FOR THE SUPPLY, INSTALLATION, AND TERMINATION OF ALL NEW FEEDER CABLES IDENTIFIED IN THIS DRAWING SET.

ORIGINAL SHEET - ANSI A

NOVEMBER 9, 2017  
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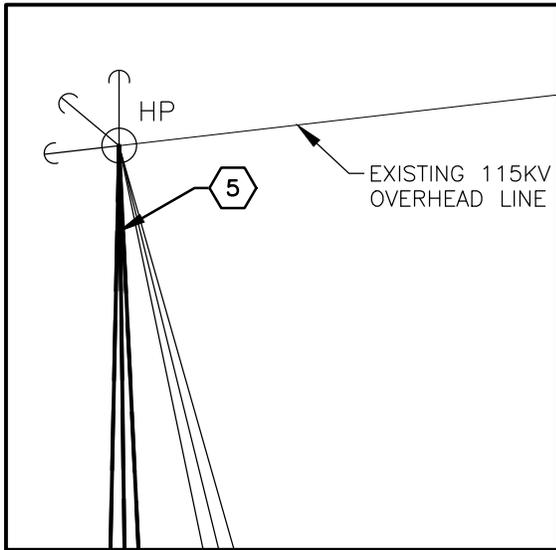
NRC  
BUILDING U-66  
NEW 115KV SUBSTATION

Figure No.

SK-ADD1-G100

Title

D-5078-G100  
PROJECT AREA, DRAWING  
LIST, AND GENERAL NOTES



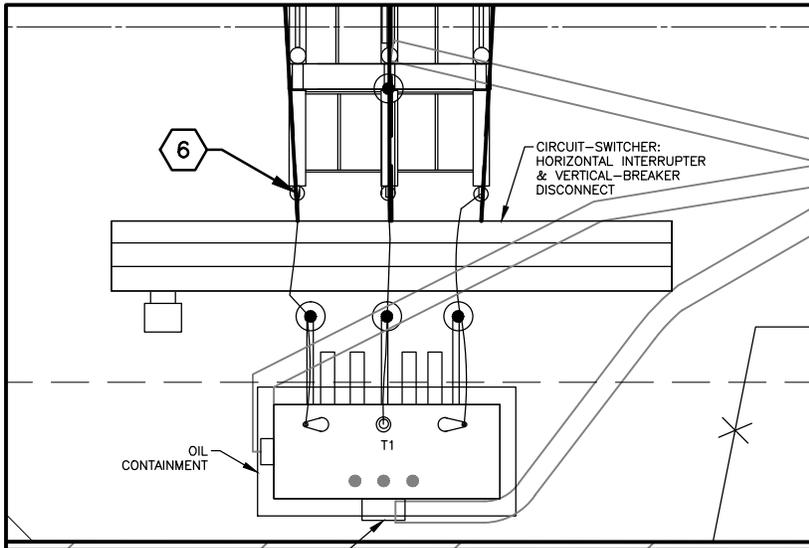
**DRAWING NOTES:**

- 1 CONSTRUCT NEW DEAD END STRUCTURE USING WOOD POLES AS PER SPECIFICATIONS. INSTALL ALL REQUIRED CROSS BRACING AND GUYING.
- 2 SUPPLY AND INSTALL NEW LINE OPENERS.
- 3 SUPPLY AND INSTALL NEW FENCE TO MATCH EXISTING. GROUND FENCE AS PER DETAIL B ON DRAWING E106.
- 4 SUPPLY AND INSTALL NEW 115KV OVERHEAD LINE AND TWO SKY WIRES. ONE SKY WIRE TO BE RUN TO EACH OF THE OUTSIDE WOOD POLES.
- 5 REPLACE EXISTING THREE DEAD END INSULATORS AT CORNER POLE WITH THREE NEW DEAD END INSULATORS.
- 6 REPLACE EXISTING THREE DEAD END INSULATORS AT EXISTING STEEL DEAD END STRUCTURE WITH THREE NEW DEAD END INSULATORS.

**A**  
E103

**115KV POWER LINES**

1:100



**B**  
E103

**115KV SUBSTATION LAYOUT**

1:100

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NRC  
BUILDING U-66  
NEW 115KV SUBSTATION

Figure No.

SK-ADD1-E103

Title

D-5078-E103  
115KV SUBSTATION LAYOUT  
NEW CONSTRUCTION



