



**Project Title:** Short Circuits Correction  
Building 20  
Central Experimental Farm (CEF), Ottawa (Ontario)

**Solicitation No:** 14-1264

December 15, 2014

The following changes in the tender documents are effective immediately. This addendum will form part of the contract documents

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### **Q & A**

**Q5. Can the exact number of building including use or description, main electrical panel size (Amps) and electrical panel count (600V and 208V) be provided?**

A5. No.

**Q6. Are single line diagrams available for each building?**

A6. Single line diagrams are available for only some buildings. See present addendum attached documents.

**Q7. Are existing coordination or short-circuit studies available and if so, can they be provided?**

A7. See present addendum attached documents.

**Q8. Specifications (26 05 00, item 1.5.8) indicate that the study is to be submitted with the shop drawings. Since the study may take a couple of months, is this acceptable?**

A8. See below change to the Specifications.

**Q9. Is there a time limit to complete the study?**

A9. Yes. See below change to the Specifications.

**Q10. If the coordination study suggests changing some breaker settings, do we have to implement them?**

A10. No. The Contractor shall not be responsible for implementing settings recommended in the coordination study. Creation and application of arc flash labels is included within the Contractor's scope of work, however.

**Q11. Is it possible to have the dimensions of the 4 existing panels?**

A11. No. The opportunity to obtain information regarding existing panel boards was provided during the 2 site visits.

### **SPECIFICATIONS**

**1. At Section 26 05 00 "Common Work Results for Electrical":**

**Delete Item 1.5.8 in its entirety.**

**Replace with:** Short circuit, device evaluation, coordination and arc flash study for the entire Central Experimental Farm campus to be submitted no later than 12 weeks from the date of notification of acceptance of the offer.



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**2. At Section 26 57 00 “Power Systems Studies”:**

**Delete Item 1.8.6.2 in its entirety.**

**Replace with:** Report shall be submitted in Adobe Acrobat (pdf) format to the Engineer for review no later than 12 weeks from the date of notification of acceptance of the offer.

**DRAWINGS**

**The drawings and arc flash study listed below are provided for information purposes only.** The Contractor shall not be permitted to use any documentation provided herein as an authoritative source to confirm system or component data. All information required to complete the power systems studies in accordance with the project specifications must be verified on site by the Contractor.

**1. Single Line Diagrams:**

<b>EO-700-HP2-1</b>	<b>Operational Single-Line Diagram North – Site Plan Cables</b>
<b>EO-700-HP2-2</b>	<b>Operational Single-Line Diagram South – Site Plan Cables</b>
<b>EO-700-HP3</b>	<b>Single-Line Diagram Electrical Distribution</b>
<b>EO-700-HP4</b>	<b>Single-Line Diagram Electrical Distribution</b>
<b>E1 of 2</b>	<b>Single Line Diagram Normal &amp; Emergency Power Distribution</b>
<b>E2 of 2</b>	<b>Upper Level Distribution Single Line Diagram</b>
<b>EO-703-1</b>	<b>Operational Single Line Diagram – Power Distribution (building 22)</b>
<b>EI</b>	<b>Electrical Singleline Plan (building 55)</b>
<b>1/EO.1B</b>	<b>Part Single Line Diagram (buildings 55, 56 and 57)</b>

**2. Arc Flash Study:**

Agriculture and Agri-Food Canada – Central Experimental Farm  
Arc flash and shock hazard study (Dessau)  
Final Report Date: May 8, 2014 Ref # 261-B-0000430-1200-EL-0001-01

**ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME**