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T5J 1S6  
Bid Fax: (780) 497-3510

**SOLICITATION AMENDMENT  
MODIFICATION DE L'INVITATION**

The referenced document is hereby revised; unless otherwise indicated, all other terms and conditions of the Solicitation remain the same.

Ce document est par la présente révisé; sauf indication contraire, les modalités de l'invitation demeurent les mêmes.

**Comments - Commentaires**

**Vendor/Firm Name and Address**  
**Raison sociale et adresse du**  
**fournisseur/de l'entrepreneur**

**Issuing Office - Bureau de distribution**  
Public Works and Government Services Canada  
ATB Place North Tower  
10025 Jasper Ave./10025 ave Jasper  
5th floor/5e étage  
Edmonton  
Alberta  
T5J 1S6

<b>Title - Sujet</b> Replace Lighting and Controls	
<b>Solicitation No. - N° de l'invitation</b> EV385-191284/A	<b>Amendment No. - N° modif.</b> 004
<b>Client Reference No. - N° de référence du client</b> AAFC	<b>Date</b> 2018-10-29
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$PWU-201-11468	
<b>File No. - N° de dossier</b> PWU-8-41134 (201)	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> <b>on - le 2018-11-06</b>	<b>Time Zone</b> <b>Fuseau horaire</b> Mountain Daylight Saving Time MDT
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Ho (RPC), Hector	<b>Buyer Id - Id de l'acheteur</b> pwu201
<b>Telephone No. - N° de téléphone</b> (780) 901-0989 ( )	<b>FAX No. - N° de FAX</b> (780) 497-3510
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b>	

**Instructions: See Herein**

**Instructions: Voir aux présentes**

<b>Delivery Required - Livraison exigée</b>	<b>Delivery Offered - Livraison proposée</b>
<b>Vendor/Firm Name and Address</b> <b>Raison sociale et adresse du fournisseur/de l'entrepreneur</b>	
<b>Telephone No. - N° de téléphone</b> <b>Facsimile No. - N° de télécopieur</b>	
<b>Name and title of person authorized to sign on behalf of Vendor/Firm</b> <b>(type or print)</b> <b>Nom et titre de la personne autorisée à signer au nom du fournisseur/</b> <b>de l'entrepreneur (taper ou écrire en caractères d'imprimerie)</b>	
<b>Signature</b>	<b>Date</b>

Solicitation No. - N° de l'invitation  
EV385-191284

Amd. No. - N° de la modif.  
004

Buyer ID - Id de l'acheteur  
pwu201

Client Ref. No. - N° de réf. du client  
AAFC

File No. - N° du dossier  
PWu-8-41134

CCC No./N° CCC - FMS No./N° VME

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**This amendment #004 has been raised to attach Addendum #003**

## ADDENDUM

<b>Project Title:</b>	<b>Addendum No:</b>
AAFC SRDC Greenhouse LED Project	3
<b>Project Location:</b>	<b>Project Number:</b>
107 Science Place, Saskatoon, Saskatchewan	R.093894.001
<b>Consultant's Name:</b>	<b>Date:</b>
AECOM Canada Ltd.	October 29, 2018

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

### General Comments

This Addendum provides clarification to the following nine questions that arose from the Tender site visit on October 25, 2018:

**Q1. Reference drawing E-1006: Between grid lines GHD and GHE is an area outside of the greenhouses. There is crushed rock in this area. Is hydrovacing acceptable?**

*A1. Hydrovacing is acceptable.*

**Q2. Reference drawing E-1006: Between grid lines GHD and GHE is an area outside of the greenhouses. What type of material is below the crushed rock?**

*A2. Material below crushed rock is unknown.*

**Q3. Reference drawing E-1006: Between grid lines GHD and GHE is an area outside of the greenhouses. What type of conduit is acceptable?**

*A3. Section 26 05 34, add clause 2.1.3 "Conduit for underground runs for interconnection between greenhouses shall be schedule 40 PVC conduit."*

**Q4. Reference drawing E-3001 Detail 2: There is a note that says existing receptacle replace as required to suit new plug configuration. The lights tie in directly to a junction box with a cord connector. Are receptacles required for the new lights?**

*A4. The design basis per 26 50 00 requires that the fixtures come with a 5-15P plug. The tie-in method described on E-3001 suits the fixtures provided.*

**Q5. Reference drawing E-3001 Detail 2: Some of the junction boxes have PVC covers on them. Are Greenguard covers required as per specifications?**

*A5. Greenguard wiring devices and junction boxes are required as per specifications.*

**Q6. Reference drawings E-1002, E-1003, E-1004, E-1005: New receptacles are shown for the control system above the doors. At the site tour it was noted that for Greenhouse A the receptacle is wired with teck cable and a PVC cover. Are the new receptacles to be wired in Greenguard as per specifications?**

*A6. Greenguard wiring devices and junction boxes are required as per specifications.*

**Q7. Reference drawing E-1003: The detail for the counter weight frame elevation indicates approximately 16 required. I believe there are 81 canopies in total. If we need 16 per canopy and there are 81 canopies, then we need approximately 1296 counter weights. At the site visit we were allowed in one greenhouse only. How many counter weights are existing?**

*A7. There are approximately 8 existing counterweights per frame in a typical bench. The T5 benches have approximately 16 existing counterweights per frame, and two frames per bench. The Lumigrow test bench has approximately 16 counter weights on its frame.*

## ADDENDUM

**Q8. Reference drawing E-1003: The detail for the counter weight frame elevation indicates approximately 16 required. I believe there are 81 canopies in total. If we need 16 per canopy and there are 81 canopies, then we need approximately 1296 counter weights. At the site visit we were allowed in one greenhouse only. What is the weight of the existing counter weights?**

*A8. A typical counter weight is estimated to weigh 5.5kg.*

**Q9. Reference drawing E-1003: The detail for the counter weight frame elevation indicates approximately 16 required. I believe there are 81 canopies in total. If we need 16 per canopy and there are 81 canopies, then we need approximately 1296 counter weights. At the site visit we were allowed in one greenhouse only. What is the material used for the existing counter weights?**

*A9. The existing counter weights are steel.*

### Drawings:

### Specifications