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British Columbia  
V6Z 0B9  
Bid Fax: (604) 775-9381

**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 -  
Pacific Region  
800 Burrard Street, Room 219  
800, rue Burrard, pièce 219  
Vancouver  
British C  
V6Z 0B9

<b>Title - Sujet</b> Growth Chamber Replacement	
<b>Solicitation No. - N° de l'invitation</b> EZ899-160989/A	<b>Amendment No. - N° modif.</b> 003
<b>Client Reference No. - N° de référence du client</b>	<b>Date</b> 2015-09-24
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$PWY-028-7611	
<b>File No. - N° de dossier</b> PWY-5-38175 (028)	<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 2015-10-01</b>	
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input checked="" type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Lam (PWY), Tian	<b>Buyer Id - Id de l'acheteur</b> pwy028
<b>Telephone No. - N° de téléphone</b> (604) 775-9382 ( )	<b>FAX No. - N° de FAX</b> (604) 775-6633
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b> AAFC - Pacific Agri-Food Research Centre - Summerland, BC	

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

EZ899-160989/A

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

Amd. No. - N° de la modif.

003

File No. - N° du dossier

PWY-5-38175

Buyer ID - Id de l'acheteur

pw028

CCC No./N° CCC - FMS No/ N° VME

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Les documents français seront disponibles sur demande.

This Amendment 003 is raised to include:

-Addendum 002

-The list of attendees to the optional site visit

The following firms attended the optional site visit on Wednesday, September 16, 2015:

Greyback Construction Ltd.  
Maple Reinders Inc.  
Wildstone Group of Companies  
Combine Mechanical Contractors  
Fraser Valley Refrigeration  
Industra  
TKI  
Keldon  
Eckert  
Betts  
Power Trend Electric

**All other terms and conditions remain unchanged.**

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

**Special Instructions to Bidders**

**1.0 SPECIFICATIONS**

1.1 Refer to Section 01 14 00, Work Restrictions, 1.7 Security

Delete:

.1 All work within the facility will require full-attendance commissionaires in respect of working hours. The Contractor shall make minimum 48 hours advance arrangements with PWGSC for access and security. All security costs will be paid for by PWGSC and reimbursed by the Contractor.

Add:

.1 All work within the facility will require full-attendance commissionaires irrespective of working hours. The Contractor shall make minimum 48 hours advance arrangements with PWGSC for access and security. All security costs will be paid for by PWGSC and reimbursed by the Contractor.

.5 The Contractor requires a Commissionaire escort at all times within the building.

**2.0 SPECIFICATIONS**

2.1 Refer to attached drawing AD-01 1/05 Reflected Ceiling Plan New Work for minor clarification of sprinkler.

**MECHANICAL ADDENDUM # 1**

Refer to attached Mechanical Addendum #1 dated Sept. 23, 2015 (1 page)

**QUESTIONS:**

1. The electrical specifications call for 2 different types of cable tray, one a basket tray and one a totally enclosed tray. Can this be clarified as to which one is required?

**Response: Basket type cable tray**

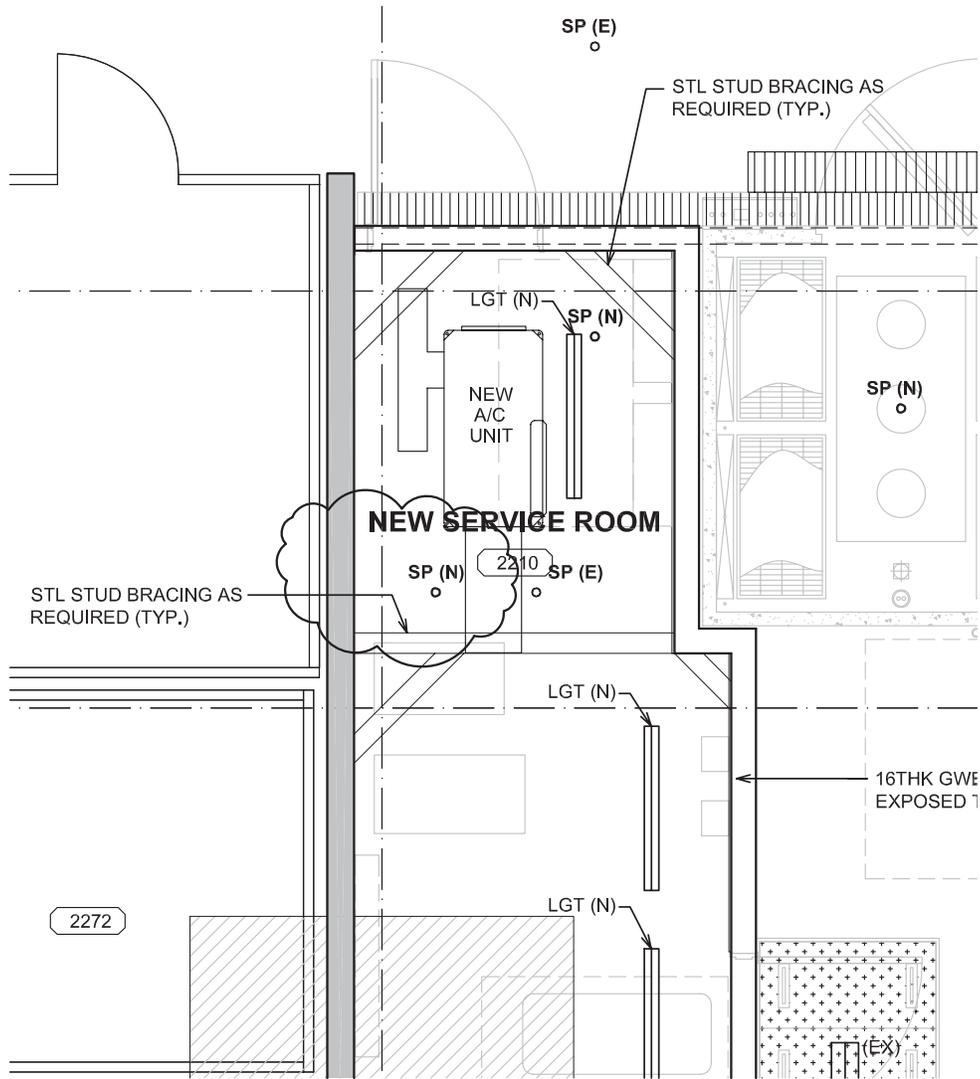
2. Can a specification of the existing low voltage lighting control be provided so we can match new product to existing? Where is the low voltage lighting relay cabinet located?

**Response: Lighting panel L and relay panel is shown on detail 3 E3.**

3. Is there a specification for the new light fixture? What is the voltage of the lighting?  
**Response: Specification of the new fixture is included in addendum #1. The lighting voltage is 347v**
4. On drawing E-8, it has the new panel directories for existing panels, with new breakers installed, but there is no current rating of the new breakers. What size of breaker do we need to supply?  
**Response: Breakers for future chamber are not included in this contractor**
5. Is there a specification for the Surge Protection Devices?  
**Response: Specification of SPD is as shown in E6 S.L.D. 120ka/ph.**
6. Can the wall & floor assembly of the existing growth chambers be provided for demolition purposes?  
**Response: Existing chambers is Conviron Model # GR-108. Chamber is sitting on concrete slab with an independent raised metal plank deck (see Photos)**
7. Can you confirm that the general contractor only requires a commissionaire for after hours work and that after hours work is only required due to noise and vibration related concerns?  
**Response: Refer to this Addendum #2, item 1.1. Commissionaire is required throughout any regular hours and after hours work irrespect of the type of work.**
8. Are there any specific requirements for the hoarding wall doors/hardware?  
**Response: Refer to Drawing A-11 for hoarding wall. No particular requirement for door/hardware as long as they are dust proof.**
9. Can you please clarify the security requirements?
  - a. Are we required to have one security guard while on duty while we are at work?  
**Response: Correct**
  - b. If we are working in two different locations within the building are we required to have two security guards?  
**Response: Yes**
  - c. Are we able to obtain security clearance for our employees therefore not requiring a security guard?  
**Response: The application and approval process for security clearance will not meet the schedule. Bidders should allow Commissionaire cost for the full duration of the construction period.**
  - d. If we are working after hours/weekends are we required a security regardless of security clearance?  
**Response: Yes. Also refer to question 9c.**
10. Would it be acceptable to pour the concrete slab and the topping slab in one pour?  
**Response: Yes**

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11. Some of the Fire Sprinklers shown on drawing A-05 (GL19) are not included on drawing F-200, are we to include these sprinklers?  
**Response:** Those shown on A-05 are for future chambers. Provide new tees with capped off piping stub for the future sprinkler heads for the Growth Chambers (1 on G.L. 18 and 3 on G.L. 19). Also refer to attached AD-01 for minor clarification.
12. What is the size of the compressed air lines on drawing P-202?  
**Response:** Compressed air lines are 20 mm dia.
13. Can you please confirm the schedule requirements, the tender documents specify that the project must be completed within 24 weeks of award, however if the project is awarded at the beginning of October this only allows us until mid-March to complete the project but the delivery day of the growth chambers can be up until Mar. 31, 2016.  
**Response:** Exact schedule to be coordinated with growth chamber supplier after award of contract.
14. Can you provide a mix spec for the topping concrete?  
**Response:**  
Concrete mix for topping concrete:  
Maximum 28-days strength            25  
Maximum aggregate size (mm)        10  
Exposure Class                            C-2  
Air Content Category                    1
15. I see there is a spec for resilient flooring in the documents. I don't see any flooring indicated on the plans. Can you confirm if there is any please?  
**Response:** It is for rubber base only.
16. Looking for more detailed information regarding air balancing as well as a full set of drawings that covers the full scope for Air Balancing,  
**Response:** The extent of air balancing for the existing exhaust system EF-13, as well as the air amounts for new, future and existing air outlets are shown on the tender drawings.
17. Is the Chilled water piping and RO piping in dashed lines shown on drawings M206 at grid line L15 and L16 and drawing P202 L14 and 15 part of our scope of work or is it for reference only?  
**Response:** Connections shown on drawing M-206 at G.L L-15 to G.L. L-16 represent future connections, which will be extended in future, when future growth chambers are installed; extension of the lines (shown dashed and identified with key note 2) in this area is not in contract (currently).  
**Note:** the new connection shown on drawing M-205 will facilitate the future expansion.
18. Our Duct cleaner is wondering if he can get more detail on the equipment tagged D212/HEC04  
**Response:** The damper (D-212) and the (heat extraction) coil HEC-04 are existing.

End of Addendum #2



## REFLECTED CEILING PLAN NEW WORK

1  
A-05

1 : 50

Project title/Titre du projet <b>PACIFIC AGRI-FOOD RESEARCH CENTRE GROWTH CHAMBER REPLACEMENT 4200 97 HWY SOUTH SUMMERLAND BC</b>		Drawing title/Titre du dessin <b>REFLECTED CEILING PLAN NEW WORK</b>	
Consultant Signature Only	PWGSC Project Manager/Administrateur de Projets TPSGC Tom Dunphy	Scale/Echelle	
Designed by/Concept par TY	PWGSC, Regional Manager, Architectural and Engineering Services/ Gestionnaire régionale, Services d'architecture et de génie, TPSGC Preetipal Paul	Date/Date	2015-09-23
Drawn by/Dessine par MW	Project No./No. du projet R.075861.001	Sheet/Feuille <b>AD-01</b>	Revision/ Révision <b>0</b>

**Project No 115615144**

Summerland Chamber upgrade

**ADDENDUM #1**  
2015-09-23

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

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## **Specification**

### **.1 Section 250501**

Add item #4 to section 1.2:

“During the entire duration of construction, the construction area shall remain under negative pressure. If the existing ventilation is incapable of achieving the desired negative to the project area, or the space lacks a separate ventilation system, it is contractor’s responsibility to take necessary steps to provide a mean to discharge air from the space to the outside, such as using temporary exhaust fans provided by the contractor.”

**END OF MECHANICAL ADDENDUM #1**

