



RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:
Bid Receiving Public Works and Government
Services Canada/Réception des soumissions Travaux
publics et Services gouvernementaux Canada
Room 100,
167 Lombard Ave.
Winnipeg
Manitoba
R3B 0T6
Bid Fax: (204) 983-0338

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 -
Western Region
Room 100
167 Lombard Ave.
Winnipeg
Manitoba
R3B 0T6

Title - Sujet Growth Chambers	
Solicitation No. - N° de l'invitation A7100-163562/A	Amendment No. - N° modif. 002
Client Reference No. - N° de référence du client A7100-163562	Date 2017-01-19
GETS Reference No. - N° de référence de SEAG PW-\$WPG-016-10087	
File No. - N° de dossier WPG-6-39207 (016)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2017-01-27	Time Zone Fuseau horaire Central Standard Time CST
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Hall, Marlene	Buyer Id - Id de l'acheteur wpg016
Telephone No. - N° de téléphone (204) 230-0147 ()	FAX No. - N° de FAX (204) 983-7796
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: Wills Transfer Ltd. 3100 Swansea Crescent Ottawa, ON K1G 3W4 c/o Claudette Weedmark	

Instructions: See Herein

Instructions: Voir aux présentes

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

This **amendment # 002** is raised to provide Canada's response to Supplier's question to **Solicitation # A7100-163562/A** as follows:

- Q1. Growth chamber, optimized for Arabidopsis and Algae culture** part: Required lightning intensity on every tier is 300µmole/m2/s. Will you accept lightning intensity 300 ~ 1500LUX (adjustable), please confirm if you can accept the 300-150LUX?
- A1.** While an ADJUSTABLE lightning intensity is acceptable, direct conversion from PPF (µmole/m2/s) to LUX is not. Accordingly a 300LUX lightning is NOT the same as a 300µmole/m2/s one and should not be considered as such.
- Q2.** Would you accept **22 ft³** with external specs: 30" W x 35.1" D** x 81.5" H (76 cm x 89 cm x 207 cm)?
- A2.** YES, since both the internal volume and the external dimensions fall within tolerances.
- Q3.** Do you accept touchscreen controller?
- A3.** YES as long as it is "PID" type.
- Q4.** For plant tissue culture chamber, would you accept two different sizes for shelves, some shelves 6.5" & some 4.5" grow height?
- A4.** A minimum of five (5) 6.5"high shelves are required. If proposed unit allows for a minimum of five (5) shelves for 6.5" AND allows to adjust each shelf height, then it is acceptable.
- Q5.** Optimized for Arabidopsis & Algae culture chamber, Will you accept some shelves 23.5"/25.5" and some "14.5" growth height?
- A5.** A minimum of two (2) adjustable (minimum height 14.5" to maximum 25.5") shelves are required. Fixed heights shelves are NOT acceptable.
- Q6.** Would you accept stainless steel exterior?
- A6.** YES stainless steel exterior is acceptable.
- Q7.** Would you accept a chamber that is Not Applicable with built-in voltage booster?
- A7.** In both types of chamber a built-in voltage booster is required for better stability.
- Q8.** Would you accept light bank controlled not independently?
- A8.** In the case of **Growth chamber, optimized for Arabidopsis and Algae culture**, each light bank is required to be controllable independently. In the case of **Growth chamber, optimized for plant tissue culture**, there is no such requirement.
- Q9.** How many shelfe totally do you need?
- A9.** The minimum number of shelves for **Growth chamber, optimized for plant tissue culture** : five (5) shelves per unit plus two extra for the lot (thus 2units x 5 shelves + 2extra shelves = 12 shelves total).
The minimum number of shelves for **Growth chamber, optimized for Arabidopsis and Algae culture: Two (2) shelves per unit plus two extra for the lot** lot (thus 2units x 2 shelves + 2extra shelves = 6 shelves total).
- Q10.** Is it necessary to have CO2 controller?
- A10.** A CO2 controller, detector and inlet are absolutely required in the case of the plant growth chamber.

ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME