

RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:
Bid Receiving
PWGSC
33 City Centre Drive
Suite 480
Mississauga
Ontario
L5B 2N5
Bid Fax: (905) 615-2095

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
Ontario Region
33 City Centre Drive
Suite 480
Mississauga
Ontario
L5B 2N5

Title - Sujet Fume Hood Controllers	
Solicitation No. - N° de l'invitation KW405-121097/A	Amendment No. - N° modif. 004
Client Reference No. - N° de référence du client KW405-121097	Date 2013-01-24
GETS Reference No. - N° de référence de SEAG PW-\$TOR-016-6139	
File No. - N° de dossier TOR-2-35281 (016)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2013-01-30	Time Zone Fuseau horaire Eastern Standard Time EST
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: Yari, Helen	Buyer Id - Id de l'acheteur tor016
Telephone No. - N° de téléphone (905) 615-2081 ()	FAX No. - N° de FAX (905) 615-2060
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction:	

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

Solicitation No. - N° de l'invitation

KW405-121097/A

Amd. No. - N° de la modif.

004

Buyer ID - Id de l'acheteur

tor016

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

KW405-121097

File No. - N° du dossier

TOR-2-35281

CCC No./N° CCC - FMS No/ N° VME

This solicitation amendment 004 is issued to:

At - Annex A, Requirement - Revision 1

Replace Annex A, Requirement - Revision 1 with Annex A, Requirement - Revision 2, attached herein.

ANNEX A

REQUIREMENT – REVISION 2

Fume Hood Controller Module

Controller Module - The purpose of the fume hood controller is to control air flow through the variable sash opening, maintaining safe containment in the fume hood. All units must operate with both face velocity control and sash position and air flow control as per the configuration menus. Separate firmware shall not be required.

Display

- Digital Display which is able to show the velocity of air entering the fume hood
- Range 0 to 5.08 m/s
0 to 4,720 l/s
- Resolution 0.01 m/s

Keypad - All setpoints and adjustments may be adjusted through the built in keypad on the controller.

Inputs

3 Types – Sash Position, Sash Contact, Setback In
Flow Input – 0 to 10VDC

Outputs

Type 0 to 10VDC or 4 to 20 mA
Range – Controller must be able to be configurable to maximum face velocity, volumetric flow, or sash position

Sash Position Sensor must be compatible with controller

Maximum Retraction: 1,270mm

Velocity Sensor – The anemometer (measures air velocity) must be compatible with controller

Range – 0 to 5.08 m/s
Resolution 0.00508 m/s

Network Capability

Controller must be a stand-alone device or as part of a building automation system via BACnet MS/TP protocol.

Vent Kit – Or some equivalent apparatus that references fume hood interstitial space