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Bid Receiving Public Works and Government
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NA
Manitoba

**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/Réception des soumissions Travaux publics et
Services gouvernementaux Canada
Government of Canada Building
101 - 22nd Street East
Suite 110
Saskatoon
Saskatche
S7K 0E1

Title - Sujet Temperature, relative humidity and Temperature, relative humidity and flow control system	
Solicitation No. - N° de l'invitation W7702-216273/A	Amendment No. - N° modif. 003
Client Reference No. - N° de référence du client W7702-216273	Date 2021-03-18
GETS Reference No. - N° de référence de SEAG PW-\$STN-206-5437	
File No. - N° de dossier STN-0-43144 (206)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM Central Daylight Saving Time CDT on - le 2021-03-30 Heure Avancée du Centre HAC	
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: Truong, Daisy	Buyer Id - Id de l'acheteur stn206
Telephone No. - N° de téléphone (306) 241-3376 ()	FAX No. - N° de FAX (418) 566-6167
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

This **amendment # 003** is issued to Solicitation #W7702-216273/A to answer the following questions and make the following changes:

1. Extend the bid closing date

Old closing date and time: March 9, 2021

New closing date and time: March 30, 2021

2. Address the following questions

Question 1	Regarding to item 4 of compliance matrix, "All control functions are done internally with no operator intervention required." Would you please give us more details on this requirements since in the item 1 it is stated that system must be controlled from a front panel.
Response 1	Yes, what was meant was operator <u>input</u> parameters to the control system are from front panel, to set desired temperature and relative humidity, control function to maintain temperature and relative humidity is executed by the instrument.
Question 2	For line item #12 of the compliance matrix, our product operates on 120 VAC, 50-60hz and has a current up to 5A Is this acceptable?
Response 2	Yes, as long as the current is not greater than 10A
Question 3	Can you provide more details on the Mechanical System: <ul style="list-style-type: none">• HP, Voltage, and Amperage of Supply Fan• Source for heating (Gas-fired, electric?)• Source for Cooling (DX Cooling?)• Method of Humidifying and how it will need to be controlled.
Response 3	Please see additional items to Annex "A"

3. Refer to Annex A – Requirement and Background and amend as follows:

INSERT:

The department of Defence Research and Development Canada (DRDC) – Suffield Research Center has a requirement for the supply and delivery of a temperature, relative humidity and flow control system **that will deliver conditioned air at the desired temperature, humidity and flowrate to a test apparatus.**

The Aerosol Testing Apparatus will have aerosol monitoring sensors embedded into an air stream on either side of a challenge material in a sample holder. Different CBR clothing **samples** will be challenged and evaluated against a variety of different aerosols. Both the concentration and size of the aerosol that has penetrated **through** the clothing **sample** will be measured by the sensors. To make this as realistic as possible the air stream will need to be very closely controlled during the exposure, for temperature, humidity and flow.

The generation system will be a largely self-contained system, which when provided with an air stream and water supply, will produce a temperature, relative humidity and flow controlled air stream to a laboratory bench scale testing apparatus for testing small samples of clothing materials of cross-sectional area less than 130 cm².

4. Under Annex C, COMPLIANCE MATRIX – MINIMUM MANDATORY PERFORMANCE SPECIFICATION

DELETE THE FOLLOWING:

Annex “C” – Compliance Matrix – Minimum Mandatory Performance Specifications

Item #	Performance Specification	Status (M) Mandatory	Performance Specification Offered: Bidder <u>should</u> indicate how they meet the performance specification by recording this information in this column	Cross Reference: In this column, Bidders <u>should</u> cross-reference where this performance specification is indicated in their supporting documents
1	System must be controlled from a front panel with a front panel display of all control parameters (temperature, flow, relative humidity)	M		
4	All control functions are done internally with no operator intervention required.	M		

INSERT THE FOLLOWING:

Annex “C” – Compliance Matrix – Minimum Mandatory Performance Specifications

Item #	Performance Specification	Status (M) Mandatory	Performance Specification Offered: Bidder <u>should</u> indicate how they meet the performance specification by recording this information in this column	Cross Reference: In this column, Bidders <u>should</u> cross-reference where this performance specification is indicated in their supporting documents
1	Input of set points from user must be from a front panel with a front panel display of all control parameters (temperature, flow, relative humidity)	M		
4	All control functions are done internally with no operator intervention required other than input parameters.	M		

All other Terms and Condition will remain the same.