



**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

<b>Title - Sujet</b> Air Purifier	
<b>Solicitation No. - N° de l'invitation</b> ET025-180545/B	<b>Amendment No. - N° modif.</b> 001
<b>Client Reference No. - N° de référence du client</b> PHAC-ET025-180545	<b>Date</b> 2018-06-01
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$WPG-016-10543	
<b>File No. - N° de dossier</b> WPG-7-40127 (016)	<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 2018-06-12</b>	<b>Time Zone</b> <b>Fuseau horaire</b> Central Daylight Saving Time CDT
<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> Hall, Marlene	<b>Buyer Id - Id de l'acheteur</b> wpg016
<b>Telephone No. - N° de téléphone</b> (204) 230-0147 ( )	<b>FAX No. - N° de FAX</b> (204) 983-7796
<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>

This **amendment 001** is raised to modify **Solicitation # ET025-180545/B**, dated 2018-05-02, as follows:

1. Reference **Annex A, Compliance Matrix**, page 12 of 18, and amend as follows:

**Delete:** In its entirety

**Insert:** Replace with the following:

**Compliance Matrix:**

	<b><u>Completion and submission of Mandatory Performance Specification is required to be considered responsive and for your offer to be given further consideration.</u></b>	
	<p>a. Bidder must cross reference where in their technical offer, the performance specification is located.</p> <p>b. Provide the specification being offered which meets or exceeds <u>and cross-reference as to where the supporting documentation is found within your proposal</u>. If there is insufficient space in the table, assign SIR # (Supplementary Information Reference) and provide the appropriate details on a separate page in your offer. Where published supporting documentation is not available in the form of brochures, technical data sheets etc., prepare a written narrative complete with a detailed explanation of how its offer demonstrates compliance.</p>	
	<b><u>All work and materials herein specified must meet and maintain minimum Canadian and Provincial certification(s) and approval(s) as applicable by Industry Standards.</u></b>	
<b>Item</b>	<b>Specifications</b>	Bidder Response: indicate how they meet the specifications addressed below/ cross-reference where this technical specification is indicated in their bid documentation
1	Each breathing air purifier must be self-contained, skid mounted, complete with automatic controls, and wiring, each sized for a minimum 188 L/s (398 cfm) air flow.	
2	Each breathing air purifier must be designed to CSAZ180.1-13.	

3	Each breathing air purifier must each have electrical components prewired in a weather proof electrical enclosure with numbered terminal strips, labelled electrical input terminals for 120/1/60 power supply. All electrical control panels must carry CSA or ULc rating	
4	Each breathing air purifier must have the capability to dry compressed air to an atmospheric dew point of -40°C (-40°F), accommodate 1034 kPa (150 psi) maximum working pressure and maximum temperature of 37.8°C (100°F) saturated inlet air. Each air purifier must meet a required minimum outlet flow of 398 CFM at a system pressure of 115 psig or 405 CFM at 120 psig.	
5	Each breathing air purifier must have an electrical supply of 120V, 1 PH, 60 HZ.	
6	Each breathing air purifier must include desiccant chambers designed and manufactured to CSA B51 and, if a pressure vessel, conform to ASME Section 8 Division 1, registered in the province of Manitoba, with minimum 40Ø (1-1/2") inlet and outlet ports, separate desiccant fill and drain openings, including individual dual-scale chamber pressure gauge, pressure transmitter, and ASME certified safety valve.	
7	Each breathing air purifier must include replaceable media to be a catalyst to convert carbon monoxide into carbon dioxide when exposed to the oxygen in air (for the removal of carbon monoxide) and oil mist according to CSA Standard Z180.1 for Breathing Air.	
8	Each breathing air purifier must include an inlet coalescing pre-filter rated to a minimum of 0.01 uM separation and less than 0.1 mg/m3 tested to ISO 8573-1 purity class 1/-/0-1, with automatic drain and differential pressure gauge.	
9	Each breathing air purifier must include outlet particle after-filter rated to a minimum of 1.0 uM separation and less than 0.5 mg/m3 tested to ISO 8573-1 purity class 2/-/2, with manual drain/vent valve and differential pressure gauge.	

10	Each breathing air purifier must have controls and monitoring, including digital display; must include local alarms for "high humidity", "low dew point", "switching tower failure", common relay alarm dry contacts for remote monitoring.	
11	Each breathing air purifier must have a carbon monoxide detector panel to monitor outlet air carbon monoxide sensing within the accepted guidelines and provide an alarm output warning should CO levels rise above 5 ppm. An audible alarm buzzer must be activated and a visual display of text on the dryer text display must appear. The common dry alarm contacts must include this condition.	
12	The Supplier must provide one spare set of filter media after the original set are put in service; within a month prior to the expiration of the installed set, (ie fresh and not stored for an extended period of time) so they can be installed by a qualified contractor and yield maximum usable life prior to the listed expiration date.	
13	Each breathing air purifier must be able to be disassembled into components not to exceed 454 kg. (1,000 lbs.) and PHAC's 71" height and 32" wide limitations. All re-assembly will be by a Certified Technician.	
14	Test Reports: Certified factory test reports must be submitted before shipment, demonstrating compliance with specifications and standard for air quality (ISO 8573-1 Class 1 air).	

**ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME**