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TPSGC

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Core 0B2 / Noyau 0B2

Gatineau, Québec K1A 0S5

Bid Fax: (819) 997-9776

**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

Scientific, Medical and Photographic Division /
Division de l'équipement scientifique, des produits
photographiques et pharmaceutiques
L'Esplanade Laurier
140 O'Connor Street,
East Tower, 7th Floor
Ottawa
Ontario
K1A 0S5

Title - Sujet Biosafety Cabinet	
Solicitation No. - N° de l'invitation 39903-210864/B	Amendment No. - N° modif. 001
Client Reference No. - N° de référence du client 39903-210864	Date 2022-05-25
GETS Reference No. - N° de référence de SEAG PW-\$\$\$PV-954-81214	
File No. - N° de dossier pv954.39903-210864	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM Eastern Daylight Saving Time EDT on - le 2022-06-03 Heure Avancée de l'Est HAE	
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Lepage, Renée	Buyer Id - Id de l'acheteur pv954
Telephone No. - N° de téléphone () - ()	FAX No. - N° de FAX () -
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 amendment 001 is raised to correct the alignment of Part 2.1 Mandatory Criteria's, English version only.

Part 2.1 - MANDATORY TECHNICAL EVALUATION CRITERIA

The following requirements are the mandatory technical evaluation criteria which will be evaluated during the Bid Evaluation. In addition the Contractor will be required to meet all of the mandatory technical requirements for the duration of the Contract

Bidders are requested to cross reference the mandatory technical criteria in a concise format by using page, paragraph(s) & sub-paragraphs as applicable to their supporting technical documentation.

ITEM	CRITERIA	REFERENCE TO SUBSTANTIATION IN THE TECHNICAL BID.
1. CABINET 1 REQUIREMENTS		
1.1	Cabinet 1 must be an NSF listed and approved Class II, Type A2 biological safety cabinet. Canada can verify compliance by consulting the official list of certified biosafety cabinetry listed on NSF website.	
1.2	Cabinet 1 must have a standby mode that ensures reduced energy consumption when the window is closed and the cabinet is nonoperational.	
1.3	Cabinet 1 must have a UV light.	
1.4	Cabinet 1 must have a continuous airflow monitoring system that monitors the inflow and downflow velocities of the Cabinet in order to alert the user to a restriction in airflow or compromised safety.	
1.5	Cabinet 1 must have HEPA filters that have a 99.99% collection efficiency using Most Penetrating Particle Size (MPPS).	
1.6	Cabinet 1 front window must provide at least a 10 inch sash opening.	
1.7	Cabinet 1 must have all metal plenums.	
1.8	Cabinet 1 must have an alarm notifying of performance issues including but not limited to: <ul style="list-style-type: none">○ Airflow alarms (i.e. alarm will activate when there is a 20% loss of airflow)○ Sash height alarm (i.e. alarm will activate when the sash height is higher than the work position)	

1.9	Cabinet 1 must have a stainless-steel interior with removable bottom tray.	
1.10	Cabinet 1 must allow unhindered access to the interior to be able to accomplish thorough decontamination and disinfection of the work area including but not limited to a hinged sash or any other means necessary to allow access to the work area for cleaning.	
1.11	Cabinet 1 front facing side must be angled 10° to help minimize glare on the window to the user and to ensure that the user's posture is comfortable while working.	
1.12	Cabinet 1 must be designed to provide the user with a comfortable area to rest arms. This may include but is not limited to the provision of stainless steel arm rests or a curved inlet grille design in order for the user to work ergonomically.	
1.13	Cabinet 1 must include the following features and visual indicators on the front panel: <ul style="list-style-type: none"> ○ Filter life meter ○ Hours of operation ○ Downflow and Inflow velocity display (feet/minute) ○ Set-back mode (i.e reduced blower speed) ○ UV status ○ Outlet status indicator 	
1.14	Cabinet 1 must have the following electrical components <ul style="list-style-type: none"> ○ Energy consumption under normal operating conditions: ≤ 400 W ○ Voltage: 115-120 V ○ Frequency: 60 Hz ○ Circuit breaker: rated at 15 amps or to a maximum of 16 amps to accommodate existing electrical requirements 	
1.15	Cabinet 1 must not exceed the following exterior dimensions for a 6 foot biosafety cabinet: 1568 mm height x 1900 mm width x 800mm depth	
2.0 CABINET 2 REQUIREMENTS		
2.1	Cabinet 2 must be an NSF listed and approved Class II, Type A2 biological safety cabinet. Canada can verify compliance by consulting the official list of certified biosafety cabinetry listed on NSF website.	

2.2	Cabinet 2 must have a standby mode that ensures reduced energy consumption when the window is closed and the cabinet is nonoperational.	
2.3	Cabinet 2 must have a UV light.	
2.4	Cabinet 2 must have a continuous airflow monitoring system that monitors the inflow and downflow velocities of the Cabinet in order to alert the user to a restriction in airflow or compromised safety.	
2.5	Cabinet 2 must have HEPA filters that have a 99.99% collection efficiency using Most Penetrating Particle Size (MPPS).	
2.6	Cabinet 2 front window must provide at least a 10 inch sash opening.	
2.7	Cabinet 2 must have all metal plenums.	
2.8	Cabinet 2 must have an alarm notifying of performance issues including but not limited to: <ul style="list-style-type: none"> ○ Airflow alarms (i.e. alarm will activate when there is a 20% loss of airflow) ○ Sash height alarm (i.e. alarm will activate when the sash height is higher than the work position) 	
2.9	Cabinet 2 must have a stainless-steel interior with removable bottom tray.	
2.10	Cabinet 2 must allow unhindered access to the interior to be able to accomplish thorough decontamination and disinfection of the work area including but not limited to a hinged sash or any other means necessary to allow access to the work area for cleaning.	
2.11	Cabinet 2 front facing side must be angled 10° to help minimize glare on the window to the user and to ensure that the user's posture is comfortable while working.	
2.12	Cabinet 2 must be designed to provide the user with a comfortable area to rest arms. This may include but is not limited to the provision of stainless steel arm rests or a curved inlet grille design in order for the user to work ergonomically.	

2.13	<p>Cabinet 2 must include the following features and visual indicators on the front panel:</p> <ul style="list-style-type: none">○ Filter life meter○ Hours of operation○ Downflow and Inflow velocity display (feet/minute)○ Set-back mode (i.e reduced blower speed)○ UV status○ Outlet status indicator	
2.14	<p>Cabinet 2 must have the following electrical components</p> <ul style="list-style-type: none">○ Energy consumption under normal operating conditions: $\leq 400\text{ W}$○ Voltage: 115-120 V○ Frequency: 60 Hz○ Circuit breaker: rated at 15 amps or to a maximum of 16 amps to accommodate existing electrical requirements	
2.15	<p>Cabinet 2 must not exceed the following exterior dimensions for a 5 foot biosafety cabinet: 1568 mm height x 1600 mm width x 800mm depth</p>	

ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED