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M2N 6A6

**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
10th Floor, 4900 Yonge Street
Toronto
Ontario
M2N 6A6

Title - Sujet Hgh-resolution tandem mass spectrom	
Solicitation No. - N° de l'invitation KW405-200245/A	Amendment No. - N° modif. 002
Client Reference No. - N° de référence du client KW405-200245	Date 2019-09-16
GETS Reference No. - N° de référence de SEAG PW-\$TOR-008-7812	
File No. - N° de dossier TOR-9-42043 (008)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2019-10-09	Time Zone Fuseau horaire Eastern Daylight Saving Time EDT
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: Leslie, Sandra	Buyer Id - Id de l'acheteur tor008
Telephone No. - N° de téléphone (416) 575-8256 ()	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

Amendment 002 is being issued to make changes to solicitation KW405-200245/A

At Annex "A" Requirement under section 2. Mandatory Technical Criteria

DELETE: 2.1 Ultra-high performance liquid chromatography (UHPLC) in its entirety;

INSERT:

2.1 Ultra-high performance liquid chromatography (UHPLC)

The UHPLC system must include a solvent compartment that can hold 5x1L bottles and a built-in solvent degasser for at least four solvent lines. A 4-solvent binary pump must be able to operate at flow rates between 0.001 and 5 mL/min inducing pressures up to 1500 bar for fast separation and optimal chromatographic peak resolution, with a mixer volume of up to 25 µL to reduce dead volume. An autosampler must include a tray that can hold a minimum of 200 vials of 2 mL or a 394-well plate, as well as a temperature control of samples between 4 and 40 ° C. Minimum injection volumes of 0.01 µL and a maximum of 100 µL are required to obtain a better signal depending on the nature of the sample. Carryover effect must be limited to maintain the integrity of the samples (less than 0.004% (Chlorhexidine); 0.0004% (Caffeine)). A compartment of at least 2 columns with a switching valve for their transfer must be included, with the use of columns between 1 to 30 cm and with an air-controlled temperature between 5 ° C and 120 ° C, including preheating of the solvent. The system must be biocompatible (pH between 2 and 12) to satisfy analyses in matrices of biological nature. The system must also be compatible with trifluoroacetic acid. Stainless steel fingertight fittings for UHPLC will be provided to facilitate handling and to limit solvent leaks caused by bad manual teflon fittings.

At Annex "C" Technical Evaluation

For the Systems for Montreal

DELETE: 1 – c. A 4-solvent binary pump must be able to operate at flow rates between 0.001 and 8 mL/min inducing pressures up to 1500 bar for fast separation and optimal chromatographic peak resolution, with a mixer volume of up to 25 µL to reduce dead volume.

INSERT: 1 – c. A 4-solvent binary pump must be able to operate at flow rates between 0.001 and 5 mL/min inducing pressures up to 1500 bar for fast separation and optimal chromatographic peak resolution, with a mixer volume of up to 25 µL to reduce dead volume.