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Bid Receiving Public Works and Government  
Services Canada/Réception des soumissions Travaux  
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Pacific Region/Région du Pacifique

## 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 - Pacific  
Region  
219 - 800 Burrard Street  
800, rue Burrard, pièce 219  
Vancouver, BC V6Z 0B9

<b>Title - Sujet</b> Liquid Chromatography Tandem QTFMSS	
<b>Solicitation No. - N° de l'invitation</b> K8F10-210132/A	<b>Amendment No. - N° modif.</b> 001
<b>Client Reference No. - N° de référence du client</b> K8F10-210132	<b>Date</b> 2020-11-04
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$VAN-582-8845	
<b>File No. - N° de dossier</b> VAN-0-43122 (582)	<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> Pacific Standard Time PST <b>on - le 2020-11-23</b> Heure Normale du Pacifique HNP	
<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> Lee, Hilda	<b>Buyer Id - Id de l'acheteur</b> van582
<b>Telephone No. - N° de téléphone</b> (604) 764-6053 ( )	<b>FAX No. - N° de FAX</b> ( ) -
<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>

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This amendment 001 is raised to incorporate the following information into Solicitation No. K8F10-210132/A.

1) Questions and Answers

**QUESTIONS AND ANSWERS**

- Q1.** 2.2.2 – Resolution. The mass spectrometer must be of the high resolution and high accuracy type with resolution of at least 50,000

Resolution is dependant on both the mass/charge and scan speed. Would a published Resolution specification of 40,000 measured at any scan speed the QToF is capable of be acceptable? Having the same resolution across all scan speeds may be more desirable than a higher resolution at a low scan speed when UHPLC chromatographic peak widths are considered – as referenced in 2.1.6. Some vendors freely state in their QToF brochure a maximum resolution and then a working resolution 50% below their maximum. For a more fair evaluation of resolution It may be better to ask for a maximum resolution per vendors specifications then a resolution measured at a mass within the working range of the analytes you will be working with daily.

- A1.** **MS resolving power is a function of acquisition rate and is also related to the decrease or increase of m/z. Since, currently, there is no commonly accepted definition of mass spectrometry (MS) by all vendors, the bidder can submit an offer of a high-resolution MS with a maximum resolution of 40,000.**

**Q2.** 2.6.5 – Entire analytical system consisting of liquid chromatograph, quadrupole time of flight mass spectrometer, autosampler and software are built serviced and warranted by one bidder.

Our proposed system would have a OEM supplied liquid chromatograph (LC) which is not built by the bidder. It does have the bidders' logo/colour scheme and is sold, installed, warrantied, and serviced/supported by the bidder. The LC is fully integrated into the software and hardware being proposed.

- A2.** **In specification 2.6.5, as stated in the question, ECCC's client would like one bidder to provide the entire analytical system (liquid chromatography, quadrupole time of flight mass spectrometer, autosampler and software). The bidder can be an OEM authorized reseller and we accept the warranty provided by this bidder/manufacture. The bidder is required to complete the OEM Certification as per section 5.2.3.1.**

**All other terms and conditions remain the same.**