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Bid Receiving Public Works and Government  
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1713 Bedford Row  
Halifax, N.S./Halifax, (N.É.)  
Halifax  
Nova Scotia  
B3J 1T3  
Bid Fax: (902) 496-5016

**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**  
Atlantic Region Acquisitions/Région de l'Atlantique  
Acquisitions  
1713 Bedford Row  
Halifax, N.S./Halifax, (N.É.)  
Halifax  
Nova Scot  
B3J 1T3

<b>Title - Sujet</b> Mass Spectrometer	
<b>Solicitation No. - N° de l'invitation</b> 01804-200386/A	<b>Amendment No. - N° modif.</b> 001
<b>Client Reference No. - N° de référence du client</b> 01804-20-0386	<b>Date</b> 2019-12-05
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$HAL-501-10808	
<b>File No. - N° de dossier</b> HAL-9-83109 (501)	<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 2019-12-11</b>	
<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> Beck, Sue	<b>Buyer Id - Id de l'acheteur</b> hal501
<b>Telephone No. - N° de téléphone</b> (902) 240-5159 ( )	<b>FAX No. - N° de FAX</b> (902) 496-5016
<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>

**Amendment 001 is raised to answer the following bidder questions and to extend the closing date:**

**Delete in its Entirety:** *Solicitation closes at 02:00 PM on 2019-12-09*

**Insert in its Entirety:** *Solicitation closes at 02:00 PM on 2019-12-11*

- Q1:** For the ESI, we do have an optional nanoESI source that operates between 50 nL/min to 2 mL/min, while the standard ESI source supplied with the instrument operates between <1mL/min to 1 mL/min.  
Please confirm you want the optional nanoESI source to be included or if the standard ESI source s enough?
- A1:** **The ESI source must be operated in the range as requested. If not, an additional nano-ESI source must be included.**
- Q2:** For APCI, our source operates between 50 mL/min to 2 mL/min. Please confirm if you would accept a APCI source that operate at these flow rates?
- A2:** **No, the nano-ESI should be included.**
- Q3:** Would a 2 injection workflow be acceptable instead of having a rapid polarity switching from positive to negative mode so that both modes may be used during the same run, that is, one full cycle in < 1.5 sec a as analytes will be missed by doing polarity switching?
- A3:** **Yes, it will be accepted.**
- Q4:** There are Mandatory Technical specifications detailed in Section 3 of Annex "A", however not all of which are reflected in the table that we must complete in Annex "B". Can the vendor get a clear understanding of which section we must provide compliance/cross-reference to?
- A4:** **All mandatory technical criteria in Annex B needs to confirm compliance/cross reference, but it doesn't exclude Annex A from the end equipment to being received.**
- Q5:** Specification 3.13 : The MS must support rapid polarity switching from positive to negative mode so that both modes may be used during the same run, that is, one full cycle in < 1.5 sec (one full scan positive mode and one full scan negative mode at resolution setting of < 35,000);"  
We request that this specification is modified to allow polarity switching in separate runs, not during the same run.
- A5:** **Yes, it will be accepted as separate runs.**
- Q6:** "Specification 3.3 Resolution: the instrument must have a minimum resolving power of 35,000 (FWHM) at m/z 200 for both full scan and >30,000 at MS/MS scanning modes;"  
Our proposed instrument is tuned for a wide mass range and does favor small molecule analysis, but the specified resolving power of 35,000 (FWHM) is achieved at a mass of m/z 550. Would this be acceptable?
- A6:** **Vendor should provide document or/and references that it will meet the requirement.**
- Q7:** The contractor must supply a computer system that provides complete control of the MS system. We request that this statement includes the fact that the computer system and software must control the MS and the LC (as defined in the background section) for a complete system solution.
- A7:** **Yes.**

Solicitation No. - N° de l'invitation  
01804-200386/A  
Client Ref. No. - N° de réf. du client  
01804-20-0386

Amd. No. - N° de la modif.  
File No. - N° du dossier  
HAL-9-83109

Buyer ID - Id de l'acheteur  
HAL501  
CCC No./N° CCC - FMS No./N° VME

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**Q8:** With respect to Section 2, Documentation subsection - i) equipment manuals, is it acceptable to only provide basic maintenance and Operator manuals?

**A8:** *Yes that is acceptable*

**Q9:** With respect to section 7, Warranty, "The Contractor ***must*** supply a minimum of two (2) years total warranty on components, parts, and installation, for the costs incurred to replace defective parts and components in accordance with the requirements established by the manufacturer for the optimum performance of the system; which includes associated equipment, and is applicable throughout the warranty period." Can this portion of the clause be removed?

**A9:** *Yes, this portion of the clause can be removed.*

***ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED***