

**RETURN BIDS TO:
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**Bid Receiving
PWGSC
33 City Centre Drive
Suite 480
Mississauga
Ontario
L5B 2N5
Bid Fax: (905) 615-2095**

**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
33 City Centre Drive
Suite 480
Mississauga
Ontario
L5B 2N5

Title - Sujet Liquid Chromatograph	
Solicitation No. - N° de l'invitation KW405-120905/A	Amendment No. - N° modif. 004
Client Reference No. - N° de référence du client KW405-120905	Date 2013-01-15
GETS Reference No. - N° de référence de SEAG PW-\$TOR-002-6112	
File No. - N° de dossier TOR-2-35193 (002)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2013-01-31	Time Zone Fuseau horaire Eastern Standard Time EST
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: Callahan, Kaye	Buyer Id - Id de l'acheteur tor002
Telephone No. - N° de téléphone (905) 615-2071 ()	FAX No. - N° de FAX (905) 615-2060
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

This amendment 004 is being issued to address the following:

At Annex A, Section 4.2.2, and 4.3.3,

Delete: "50 to 1450 m/z"

Insert: "50 to 1400 m/z."

At Annex C Section 2.1.1 a

Add the following:

"Use isotope dilution method to calculate phthalate concentrations in the two matrix samples provided."

Questions:

Q.1 At ANNEX "A" Requirement Section 4.0 Additional Mandatory Specifications/Requirements for Individual Instruments it is stated for both Instrument #2 and #3 that " The mass range of the MS system must encompass 50 to 1450 m/z"

Would a mass range of 50 to 1400 m/z be acceptable?

A.1 Yes this would be acceptable.

Q.2 With the reduction in injection volume to 1 µl for all of the analyses, demonstrating 4 orders of linear dynamic range may not be possible given the low concentrations of some of the provided standards. For example, the calibration standard provided for analysis of PFCs contains the three analytes at levels of approximately 2 ng/mL. This may not be sufficiently concentrated to show 4 orders LDR.

Can larger injections volumes be used if desired (for all analyses)?

A.2 For the calibration curves, we have no objection to the injection volume being increased to 10 µL for all samples and for PFCs up to 20 µL injections. In each case the Bidder must use the same injection volume for each concentration in the calibration series and must clearly indicate the injection volume they are using. This criteria is only applicable for calibration curves, and cannot be used for other tests such as precision or signal-to-noise.

Q.3 At Annex C 2.1 (c) iv : "... by injecting the pesticide standard in full scan (using +/- switching) for 50 consecutive injections onto a column monitoring four MRM's..."

Is this a full scan (ie Q1) acquisition over a range of masses or are we monitoring just the four MRM's (2+ and 2-)?

A.3 At Annex C 2.1 (c) iv : Delete: "in full scan"

Q.4 At Section 3, Mandatory Specifications/Requirements, Subsection 3.3 Data System, Part 10:

"10. All components of each individual instrument (LC, MS, autosampler, PDA etc...) must be controlled by the same data acquisition/data processing software program, including (but not limited to) operating and setting up the LC, MS and PDA methods, monitoring the instrument diagnostics, integrating chromatograms, and data analysis;"

The direction is a little vague and with the phrase “ including but not limited to” it is not clear what the exact requirement is of this whole section.

Can you clarify what the expectations are for this part 10 and provide additional detail on expectations for the Data System? Is the PDA required for only System #3? Does only Systems 3 require the integration of the PDA within the software?

- A.4 Even though we are purchasing a PDA for only one of the instruments, it is necessary that all three instruments be able to control it. We are acquiring these instruments together to save on interchangeable components such as PDA. Consequently for the following two reasons, a) in case the third instrument is not functioning we can transfer the work to the other instrument, and b) in case we need to use the PDA for another instrument when the third instrument is tied up in another project; we need all three instruments to be able to have the same functionality and be able to handle the same peripherals such as PDA.