



## RETURN BIDS TO:

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Bid Receiving Public Works and Government  
Services Canada/Réception des soumissions/Travaux  
publics et Services gouvernementaux Canada  
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Voir la présente pour les  
instructions sur la présentation  
d'une soumission

NA  
Ontario

## 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 / Travaux  
publics et services gouvernementaux  
Kingston Procurement  
Des Acquisitions Kingston  
86 Clarence Street, 2nd floor  
Kingston  
Ontario  
K7L 1X3

<b>Title - Sujet</b> Buoy Mountable UV-Visible Spectrome	
<b>Solicitation No. - N° de l'invitation</b> KW405-220508/A	<b>Amendment No. - N° modif.</b> 001
<b>Client Reference No. - N° de référence du client</b> KW405-220508	<b>Date</b> 2022-01-18
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$KIN-945-8557	
<b>File No. - N° de dossier</b> KIN-1-56116 (945)	<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> Eastern Standard Time EST <b>on - le 2022-01-25</b> Heure Normale du l'Est HNE	
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Gillis, Melanie	<b>Buyer Id - Id de l'acheteur</b> kin945
<b>Telephone No. - N° de téléphone</b> (613) 328-2654 ( )	<b>FAX No. - N° de FAX</b> (613) 545-8067
<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 being issued in order to address the following.

**Question 1:**

3.0 j. Must include battery pack for long-term (~1 year) deployment? The spectro::lyser has no internal battery. The connect box needs 12 – 24 VDC battery power. In the unit prices section Annex B there is no line item for an external battery?

**Answer 1:** Remove this technical requirement

**Refer: PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION**

**Delete:** 4.1.1.1 Mandatory Technical Criteria

Item #	Mandatory Product Specification Requirements	Specifications and Components Offered	Title, Page and/or Line in the Technical Documents
M1	The unit must be capable of complete immersion in fresh water		
M2	Must use UV-Visible light range of at least 190 – 750 nm		
M3	Must have a fast response time of <30 seconds or faster		
M4	Must be capable to a sampling rate of 1 per minute or faster		
M5	Must be able to resolve all concentration ranges of TOC/DOC between 0 – 50 mg/L		
M6	Must be capable of measuring additional constituent parameters (chl <sub>a</sub> , NO <sub>3</sub> , turbidity)		
M7	Must be provide access to raw spectral data		
M8	Must have an anti-fouling protection for long-term deployments		
M9	Must be capable of battery powered and cabled operations and must have internal data logging capability		
M10	Must include battery pack for long-term (~1 year) deployment		
M11	Must be compatible with Windows 10		
M12	All materials used in construction of the device must be sufficiently robust for multiple deployments in at near surface depths (15 m or less) during inclement conditions		

**Insert: 4.1.1.1 Mandatory Technical Criteria**

Item #	Mandatory Product Specification Requirements	Specifications and Components Offered	Title, Page and/or Line in the Technical Documents
<b>M1</b>	The unit must be capable of complete immersion in fresh water		
<b>M2</b>	Must use UV-Visible light range of at least 190 – 750 nm		
<b>M3</b>	Must have a fast response time of <30 seconds or faster		
<b>M4</b>	Must be capable to a sampling rate of 1 per minute or faster		
<b>M5</b>	Must be able to resolve all concentration ranges of TOC/DOC between 0 – 50 mg/L		
<b>M6</b>	Must be capable of measuring additional constituent parameters (chl <sub>a</sub> , NO <sub>3</sub> , turbidity)		
<b>M7</b>	Must be provide access to raw spectral data		
<b>M8</b>	Must have an anti-fouling protection for long-term deployments		
<b>M9</b>	Must be capable of battery powered and cabled operations and must have internal data logging capability		
<b>M10</b>	Must be compatible with Windows 10		
<b>M11</b>	All materials used in construction of the device must be sufficiently robust for multiple deployments in at near surface depths (15 m or less) during inclement conditions		

**Refer:** Annex A 3.0 Mandatory Minimum Equipment Specifications

**Delete:** The following mandatory minimum specifications apply:

- a. The unit must be capable of complete immersion in fresh water.
- b. Must use UV-Visible light range of at least 190 – 750 nm
- c. Must have a fast response time of <30 seconds or faster.
- d. Must be capable to a sampling rate of 1 per minute or faster.
- e. Must be able to resolve all concentration ranges of TOC/DOC between 0 – 50 mg/L.
- f. Must be capable of measuring additional constituent parameters (chl<sub>a</sub>, NO<sub>3</sub>, turbidity)
- g. Must be provide access to raw spectral data.
- h. Must have an anti-fouling protection for long-term deployments.
- i. Must be capable of battery powered and cabled operations and must have internal data logging capability.
- j. Must include battery pack for long-term (~1 year) deployment
- k. Must be compatible with Windows 10
- l. All materials used in construction of the device must be sufficiently robust for multiple deployments in at near surface depths (15 m or less) during inclement conditions.

**Insert:** The following mandatory minimum specifications apply:

- a. The unit must be capable of complete immersion in fresh water.
- b. Must use UV-Visible light range of at least 190 – 750 nm

- 
- c. Must have a fast response time of <30 seconds or faster.
  - d. Must be capable to a sampling rate of 1 per minute or faster.
  - e. Must be able to resolve all concentration ranges of TOC/DOC between 0 – 50 mg/L.
  - f. Must be capable of measuring additional constituent parameters (chl<sub>a</sub>, NO<sub>3</sub>, turbidity)
  - g. Must be provide access to raw spectral data.
  - h. Must have an anti-fouling protection for long-term deployments.
  - i. Must be capable of battery powered and cabled operations and must have internal data logging capability.
  - j. Must be compatible with Windows 10
  - k. All materials used in construction of the device must be sufficiently robust for multiple deployments in at near surface depths (15 m or less) during inclement conditions.
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**Question 2:**

Given the timeline of production of spectrometers this will extend beyond March 31<sup>st</sup> calendar year end. Does this present an issue?

**Answer 2:**

No, refer to Part 6 RESULTING CONTRACT CLAUSES

6.4.2 Delivery Date *[Note to Offerors: Please fill out required information]*

While delivery of all firm deliverables, including installation and training is requested by March 31<sup>st</sup>, 2022, the best delivery that could be offered is \_\_\_\_\_.

**ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED**