



RETURN BIDS TO:

RETOURNER LES SOUMISSIONS À:

Bid Receiving Public Works and Government
Services Canada/Réception des soumissions Travaux
publics et Services gouvernementaux Canada
Room 100,
167 Lombard Ave.
Winnipeg
Manitoba
R3B 0T6
Bid Fax: (204) 983-0338

**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 -
Western Region
Room 100
167 Lombard Ave.
Winnipeg
Manitoba
R3B 0T6

Title - Sujet In-Situ Observational Systems	
Solicitation No. - N° de l'invitation A7100-174040/A	Amendment No. - N° modif. 004
Client Reference No. - N° de référence du client A7100-174040	Date 2018-06-06
GETS Reference No. - N° de référence de SEAG PW-\$WPG-113-10526	
File No. - N° de dossier WPG-7-40242 (113)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2018-06-11	Time Zone Fuseau horaire Central Daylight Saving Time CDT
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: Chubey, Karen	Buyer Id - Id de l'acheteur wpg113
Telephone No. - N° de téléphone (204) 291-5928 ()	FAX No. - N° de FAX (204) 983-7796
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

IN-SITU OBSERVATIONAL SYSTEMS

Amendment No. 004 is raised to answer a question and amend the Solicitation as follows:

Amendment No. 004 is raised to answer:

QUESTION 1:

Under Compliance Matrix 1.2 would an operational temperature range of 0C -10C be acceptable in place of -2C to 10C?

RESPONSE 1:

No.

QUESTION 2:

If answer to Question 1 above is “no”, would it be acceptable if the operational temperature range was -2 to 10C but the temperature measurement precision (compliance matrix item 1.1) was not +/- 0.1 when monitoring below zeroC?

RESPONSE 2:

Yes, while a temperature range of -2C to 10C is required, we would accept a lower precision when measuring below zero C. Please see Amendment 1 below.

Amendment No. 004 is raised to amend

AMENDMENT 1: Reference Annex “A” Requirement Compliance Matrix – Minimum Mandatory Performance Specifications

DELETE:

Compliance Matrix: In-situ Sensor and Data Logger requirements for River Moorings
In its entirety

INSERT:

Compliance Matrix: In-situ Sensor and Data Logger requirements for River Moorings

Completion and submission of Mandatory Performance Specification is required to be considered responsive and for your offer to be given further consideration.

- a. Bidder must cross reference where in their technical offer, the performance specification is located.
- b. Provide the specification being offered which meets or exceeds and cross-reference as to where the supporting documentation is found within your proposal. If there is insufficient space in the table, assign SIR # (Supplementary Information Reference) and provide the appropriate details on a separate page in your offer. Where published supporting documentation is not available in the form of brochures, technical data sheets etc., prepare a written narrative complete with a detailed explanation of how its offer demonstrates

compliance.		
<u>All work and materials herein specified must meet and maintain minimum Canadian and Provincial certification(s) and approval(s) as applicable by Industry Standards.</u>		
Item	Specifications	Bidder Response: indicate how they meet the specifications addressed below/ cross-reference where this technical specification is indicated in their bid documentation
1.	River Moorings - Instrumentation components necessary to assemble four (4) independent mooring systems to deploy for Arctic shallow water data collection. <u>Each of the 4 sensor packages:</u>	
1.1	Must include standalone data loggers with sensors configured to record measurements of water level, conductivity, temperature, and dissolved oxygen in fresh (0 µS/cm) and brackish estuarine waters (up to 10,000 µS/cm) experienced within a tidal river mouth. With Temperature measurement precision to at least +/-0.1C above zero C.	
1.2	Must be operable in depth range of 0-30m; in temperature range of 10 to -2 degrees Celsius; operable continuously for minimum 1 year period.	
1.3	Must be able to operate on internal battery power, with data loggers able to record at minimum hourly measurements for minimum 1 year period.	
1.4	Must include all relevant communication cables, benchtop connection tools, power cables, attachments, brackets, protective enclosures, anti-fouling guards, wipers, logger computer interface for both Mac and PC, replacement dissolved oxygen sensor cap, as required for operation, data transfer, and data interpretation.	
1.5	Must include relevant materials for calibration of all sensors, including sodium sulfite calibration solution for dissolved oxygen sensor, as well as turbidity calibration solutions across a range of NTU, and solid secondary standard for CDOM (as required for optical sensors in 1.6).	

Solicitation No. – N° de l'invitation
A7100-174040/A
Client Ref. No. - N° de réf. du client
A7100-17040

Amd. No. - N° de la modif.
004
File No. - N° du dossier
WPG-7-40242

Buyer ID - Id de l'acheteur
wpg113
CCC No./N° CCC - FMS No./N° VME

1.6	<p>In addition to the above (1.1-1.5), 2 of the 4 sensor packages:</p> <p>a. Must include standalone data loggers with interchangeable optical sensors for CDOM.</p> <p>and 2 of the 4 sensor packages:</p> <p>b. Must include standalone data loggers with interchangeable optical sensors for Turbidity.</p>	
-----	--	--

ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME.