



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 remotely operated underwater vehicl	
Solicitation No. - N° de l'invitation F2402-180143/B	Amendment No. - N° modif. 001
Client Reference No. - N° de référence du client F2402-180143	Date 2018-12-13
GETS Reference No. - N° de référence de SEAG PW-\$WPG-010-10723	
File No. - N° de dossier WPG-8-41101 (010)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2018-12-27	Time Zone Fuseau horaire Central Standard Time CST
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: Maki, Christie	Buyer Id - Id de l'acheteur wpg010
Telephone No. - N° de téléphone (204) 891-6126 ()	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

This amendment 001 to solicitation F2402-180143B is hereby raised to address the following and answer questions from the industry:

QUESTIONS and ANSWERS:

- Q1. Regarding Mandatory Specification 2.15 Must be powered by an intelligent battery system that does not allow discharge below a recoverable voltage. Alternatively, the system can be powered by our 2000-watt 120V AC generator. We request that the 120V AC generator power requirement be increased to 4000 watts.
- R1. We do not have a portable 4000 watt generator. The power requirement remains unchanged.
- Q2. The description of the training on page 13 of Annex A indicates that the vendor is not responsible for travel, meals or accommodation. However, on page 19 in the Basis of Payment section in the table #2 the last line says All-inclusive price. Can you please clarify? Is this the all-inclusive price for just the training?
- R2. Travel to the vendor's location, meals and accommodation will be covered by DFO. The vendor is responsible for all costs associated with the actual training, including any necessary materials and travel to other locations.
- Q3. There is no laptop listed in the specifications. Is a laptop required?
- R3. If a specialized laptop/equipment is required to operate the ROV or for its navigation then it must be included. If the instrument requires a normal laptop then the vendor does not need to supply it.
- Q4. Regarding Mandatory Specification 2.8 – Requirement is for an underwater positioning system and sonar altimeter. Would the use of a DVL navigation system be acceptable?
- R4. We do not require a specific type of underwater positioning system, USBL or DVL systems are both acceptable. A DVL is required to have a maximum altitude of at least 200m to operate in our study area.
- Q5. Does the vehicle require a forward-looking sonar?
- R5. A forward-looking multibeam sonar is not required
- Q6. Please provide more information regarding Mandatory Specification 2.12 Must have the option to add sensors on an as needed basis. The ROV must be compatible with and able to carry an upward looking spectroradiometer, CTD, CDOM/FDOM sensor, and fluorometer. The supplier is not responsible for supplying these sensors."
- R6. Examples of sensors we may use include a LI-COR LI-192 underwater irradiance sensor, either SBE 49 FastCAT CTD sensor or RBR brevio3 sensors for the CTD, and the seabird ECO triplet for our fluorometer and CDOM/FDOM sensor. We would use the software provided by the sensor manufacturers. The data to be multiplexed and transmitted to the controlling computer where it will be stored and displayed.

REVISIONS:

1. See Annex A Statement of Requirement, Training

Solicitation No. - N° de l'invitation
F2402-180143/B
Client Ref. No. - N° de réf. du client
F2402-180143

Amd. No. - N° de la modif.
001
File No. - N° du dossier
WPG-8-41101

Buyer ID - Id de l'acheteur
wpg010
CCC No./N° CCC - FMS No./N° VME

INSERT:

Travel to the vendor's location, meals and accommodation will be covered by DFO. The vendor is responsible for all costs associated with the actual training, including any necessary materials and travel to other locations.

2. See Annex A Statement of Requirement

INSERT:

ADDITIONAL INFORMATION:

If a specialized laptop/equipment is required to operate the ROV or for its navigation then it must be included. If the instrument requires a normal laptop then the vendor does not need to supply it.

3. See Minimum Mandatory Performance Specifications- Compliance Matrix 2.8

INSERT:

A specific type of underwater positioning system is not required. USBL or DVL systems are both acceptable. A DVL is required to have a maximum altitude of at least 200m to operate in our study area.

ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME