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Bid Receiving Public Works and Government  
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instructions/

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> ROV & Related Accessories VTG et accessoires connexes	
<b>Solicitation No. - N° de l'invitation</b> F2905-210037/A	<b>Amendment No. - N° modif.</b> 002
<b>Client Reference No. - N° de référence du client</b> F2905-21-0037	<b>Date</b> 2022-03-08
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$KIN-532-8615	
<b>File No. - N° de dossier</b> KIN-1-56177 (532)	<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 Daylight Saving Time EDT <b>on - le 2022-03-18</b> Heure Avancée de l'Est HAE	
<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> Gagnon, Mathieu	<b>Buyer Id - Id de l'acheteur</b> kin532
<b>Telephone No. - N° de téléphone</b> (343) 571-8220 ( )	<b>FAX No. - N° de FAX</b> ( ) -
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b> CCIW-GLLFAS 867 Lakeshore Rd. Burlington, ON L7S 1A1	

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>

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Amd. No. - N° de la modif.  
002  
File No. - N° du dossier  
KIN-1-56177

Buyer ID - Id de l'acheteur  
KIN532  
CCC No./N° CCC - FMS No./N° VME

This amendment is raised to respond to questions and answers and to make changes to the solicitation as follows:

Questions and Answers:

**Question 1:**

**Use case**

I have some questions regarding the use case. What kind of application/inspection?

Answer:

*Case(s) will be used to store and protect the unit for storage, shipping, and during transits onboard various small research vessels (7 – 12m [24-38ft]). It is likely the unit(s) will transit in some open vessels with exposure to freshwater spray. The cases should protect the units from weather and some vibration and minor impacts while onboard the vessels. Hard cases are the expected product.*

**Question 2:**

**DVL equipment**

There was a requirement of “position holding”, and there are several options for this. We have auto-depth and auto-heading functionality. Is it essential to have a DVL sensor onboard to have local positioning and dead-reckoning functions? Price would increase a lot with DVL. That is why I am asking. Do they need it ?

Answer:

*It is a requirement of the system to be able to maintain a specific position during operation without the operator manually maintaining position. Other methodologies/technologies besides DVL to automatically allow the unit to hold position and be actively stabilized will be considered.*

**Question 3:**

**BMS battery**

If the ROV is powered through a battery, then the BMS battery is really important to have when it comes it fire safety and lifetime for the battery to last longer. Is this also something that will be important?

Answer:

*Our expectation is that the batteries would be lithium batteries in this application and as such would include engineered safety and protective features such as BMS as matter of diligence on the part of the manufacturer. However, we would consider other options.*

**Question 4:**

**LCC, training, maintenance and support**

There is no information about the life cycle cost and training needed for the ROV pilots etc. How will you evaluate these things in the procurement process? Do you need an FSE to come to site and install

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and training since Annex B mentions: Requirement, the Contractor must provide a firm price to include, but not limited to, all costs associated with the delivery, training, service and support.

Answer:

*Contractor to provide pricing for a single optional practical training session, on site in Burlington, Ontario for 4 DFO staff, training shall include pertinent manuals/instructions in English.*

Solicitation changes:

1. REFER: 6.4.2 Delivery Date  
DELETE: In its entirety  
INSERT: While delivery is requested by June 15<sup>th</sup>, 2022, the best delivery that could be offered is \_\_\_\_\_.

2. REFER: ANNEX "A" REQUIREMENT  
ADD: Training

Training:

Contractor must provide a one day practical training session, on site in Burlington, Ontario for 4 DFO staffing. Training must include pertinent manuals/instructions in English. This training will be requested by the Technical Authority who will coordinate an agreeable date with the contractor. Training must occur before expiry of contract.

3. REFER: ANNEX "A" REQUIREMENT  
ADD: Technical Support

Technical Support:

*Technical Support- Contractor is required to provide Technical Support in case the unit suffers a breakdown, issues with the user interface or malfunctions etc., Technical Support must be available Monday-Friday, 8am-4pm EST.*

4. REFER: ANNEX "B" BASIS OF PAYMENT

DELETE: For the work described in Annex "A" – Requirement, the Contractor must provide a firm price to include by not limited to all costs associated with the delivery, installation, commissioning, training, service and support. All prices are in Canadian dollars, DDP, Canadian customs duties and excise taxed included and Applicable Taxes extra. Applicable Taxes are not included in the pricing and are to be shown separately on invoice(s).

INSERT: For the work described in Annex "A" – Requirement, the Contractor must provide a firm price to include by not limited to all costs associated with the delivery, training, service and support. All prices are in Canadian dollars, DDP, Canadian customs duties and excise taxed included and Applicable Taxes extra. Applicable Taxes are not included in the pricing and are to be shown separately on invoice(s).