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**401 - 1230 Government Street**  
**Victoria, B.C.**  
**V8W 3X4**  
**Bid Fax: (250) 363-3344**

## 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 -  
Pacific Region  
401 - 1230 Government Street  
Victoria, B. C.  
V8W 3X4

<b>Title - Sujet</b> Naval Architecture & Eng. Services	
<b>Solicitation No. - N° de l'invitation</b> EZ108-172935/A	<b>Amendment No. - N° modif.</b> 003
<b>Client Reference No. - N° de référence du client</b> EZ108-172935	<b>Date</b> 2017-05-02
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$XLV-176-7237	
<b>File No. - N° de dossier</b> XLV-6-39239 (176)	<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> <b>on - le 2017-05-09</b>	
<b>Time Zone</b> Fuseau horaire Pacific Daylight Saving Time PDT	
<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> Godin, Andre	<b>Buyer Id - Id de l'acheteur</b> xlv176
<b>Telephone No. - N° de téléphone</b> (250) 216-2504 ( )	<b>FAX No. - N° de FAX</b> ( ) -
<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>

**This solicitation amendment is to promulgate the following changes:**

**1) Change to Annex D1 – QUESTIONS FROM BIDDERS AND CANADA RESPONSES**

**DELETE:**

**ANNEX D1 - QUESTIONS FROM BIDDERS AND CANADA RESPONSES**

Question No:	Bidder Questions	Canada Responses																								
1	Section 6.6.3 milestone payments: The individual milestones do not add up to 100%. Could you please advise the new distribution of milestone payments?	The solicitation amendment no 1 correct the table in article 6.6.3																								
2	<p>The Annex A section 5.3: Vessel must meet ISO 12217-1 (Small Craft Stability Standard) design category “A” or “B”. This corresponds with the following wave and wind criteria.</p> <p style="text-align: center;">Table 6 — Summary of design category definitions</p> <table><tr><th rowspan="2">Parameter</th><th colspan="4">Design category</th></tr><tr><th>A</th><th>B</th><th>C</th><th>D</th></tr><tr><td>Maximum wave height</td><td>approx. 7 m significant</td><td>4 m significant</td><td>2 m significant</td><td>0,3 m significant 0,5 m maximum</td></tr><tr><td>Typical Beaufort wind force</td><td>≤10</td><td>≤8</td><td>≤6</td><td>≤4</td></tr><tr><td>Calculation wind speed (m/s)</td><td>28</td><td>21</td><td>17</td><td>13</td></tr></table> <p>Could you please confirm that it is intended to design the small workboat to category A or B or was that a typo?</p>	Parameter	Design category				A	B	C	D	Maximum wave height	approx. 7 m significant	4 m significant	2 m significant	0,3 m significant 0,5 m maximum	Typical Beaufort wind force	≤10	≤8	≤6	≤4	Calculation wind speed (m/s)	28	21	17	13	Design category “D” selected.
Parameter	Design category																									
	A	B	C	D																						
Maximum wave height	approx. 7 m significant	4 m significant	2 m significant	0,3 m significant 0,5 m maximum																						
Typical Beaufort wind force	≤10	≤8	≤6	≤4																						
Calculation wind speed (m/s)	28	21	17	13																						
3	Section 4.2.2 of the Statement of Work states that the feasibility of using pod drives be explored such as the Volvo IPS system or the Mercury Zeus system. Volvo and Mercury have both confirmed that these units are intended for recreational duty planning hulls. They are not designed for low speed pushing and towing in a commercial workboat application. Please clarify if Public Works would like to pursue this type of propulsion system. Would you consider a conventional twin-screw propulsion system with fixed shafts driving workboat type propellers in nozzles? Or would you prefer to see azimuthing drives such as the Olympic Steerable Drives?	Given the information provided, we can remove the Volvo/Mercury requirement. We are not interested in the conventional shaft nozzle option but are willing to consider an azimuthing drive such as the Olympic steerable drives.																								
4	What is the design speed for the new workboat?	Design speed is not a consideration, however 7-12 knots is a reasonable range for an in harbour workboat.																								
5	<p>The Commercial General Liability policy must include the following:</p> <p>n) Amendment to the Watercraft Exclusion to extend to incidental repair operations on board watercraft.</p>	The statement of work includes the following possibilities: Par the SOW article 7.1 : “The Consultant																								

Solicitation No. - N° de l'invitation  
EZ108-172935/A  
Client Ref. No. - N° de réf. du client  
EZ108-172395/A

Amd. No. - N° de la modif.  
003  
File No. - N° du dossier

Buyer ID - Id de l'acheteur  
XLV176  
CCC No./N° CCC - FMS No./N° VME

	<p>o) Sudden and Accidental Pollution Liability (minimum 120 hours): To protect the Contractor for liabilities arising from damages caused by accidental pollution incidents.</p> <p>Since we are not repairing anything or even setting a foot on board a vessel, but only designing a vessel, are these insurance requirements really necessary?</p>	<p>must also be prepared to standby during the solicitation period to assist with answering any technical questions arising from the bidders and to provide Consultant Services to the Technical Authority during the vessel construction phase". This means consulting and possibly inspections or work onboard a vessel in construction. Therefore , the insurance clause remains unchanged</p>
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**All other terms and conditions remains unchanged**