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**Bid Receiving Public Works and Government**  
**Services Canada/Réception des soumissions Travaux**  
**publics et Services gouvernementaux Canada**  
**800 Burrard Street, Room 219**  
**800, rue Burrard, pièce 219**  
**Vancouver**  
**British Columbia**  
**V6Z 0B9**  
**Bid Fax: (604) 775-9381**

## **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  
800 Burrard Street, Room 219  
800, rue Burrard, pièce 219  
Vancouver  
British C  
V6Z 0B9

<b>Title - Sujet</b> Float Replacement	
<b>Solicitation No. - N° de l'invitation</b> F1700-165102/A	<b>Amendment No. - N° modif.</b> 010
<b>Client Reference No. - N° de référence du client</b> F1700-165102	<b>Date</b> 2016-11-03
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$PWY-019-7881	
<b>File No. - N° de dossier</b> PWY-6-39157 (019)	<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 2016-11-07</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> Ngan, Ken (PWY)	<b>Buyer Id - Id de l'acheteur</b> pwy019
<b>Telephone No. - N° de téléphone</b> (604) 658-2755 ( )	<b>FAX No. - N° de FAX</b> (604) 775-6633
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b> DFO - Institute of Ocean Sciences - Sidney, BC	

**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>

Solicitation No. - N° de l'invitation  
F1700-165102/A  
Client Ref. No. - N° de réf. du client

Amd. No. - N° de la modif.  
010  
File No. - N° du dossier  
pwy-6-39157

Buyer ID - Id de l'acheteur  
pwy019  
CCC No./N° CCC - FMS No/ N° VME

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This Solicitation Amendment 010 is raised to incorporate Addendum No. 4 and the associated Appendix 1 – Combined Price Form (Revised) (v2).

Please find following Addendum No. 4 and the associated Appendix 1 – Combined Price Form (Revised) (v2).

All other terms and conditions remain unchanged.

#### **.Addendum No.4**

**Date:** November 3, 2016

**Description:** IOS, Patricia Bay, Timber and Concrete Floats A, B1, B2, C, & D Installation

#### **Unit Price Table:**

Replace Mechanical Unit Price Table. See Appendix 1 – Combined Price Form (Revised) (v2)

\*Failure to complete Appendix 1 – Combined Price Form (Revised) (v2) will rendered the bid submission NON-COMPLIANT.

Note that this revision is to revise the following:

- Revised Item No 7 of the Mechanical Unit Price Table to read “Anti-Siphon Valve” instead of “Anti-Siphon Valve on Float A”.
- Revised Item No 6 of the Mechanical Unit Price Table to read “Float A 100mm HDPE Pipe” instead of “Float A 100mm PVC Pipe”
- Revised Item No 9 of the Mechanical Unit Price Table to read “50mm HDPE Pipe on All Floats” instead of “50mm PVC Pipe on All Floats”

**End of Addendum No.4**

## **APPENDIX 1 - COMBINED PRICE FORM (6 pages) (REVISED) (v2)**

### **\*THIS REVISED (v2) APPENDIX 1 SUPERCEDES ANY PREVIOUS VERSIONS\***

- 1) The prices per unit shall govern in establishing the Total Extended Amount. Any arithmetical errors in this Appendix will be corrected by Canada.
- 2) Canada may reject the bid if any of the prices submitted do not reasonably reflect the cost of performing the part of the work to which that price applies.

### **UNIT PRICE TABLE**

The Unit Price Table designates Work to which a Unit Price Arrangement applies.

- (a) Work included in each item is as described in the referenced specification section.
- (b) The Price per Unit shall not include any amounts for Work that is not included in that unit price Item.

## **Float Work – Mechanical**

<u><b>UNIT PRICE TABLE</b></u>					
<u><b>ITEM No.</b></u>	<u><b>ITEM</b></u>	<u><b>UNIT OF MEASURE</b></u>	<u><b>ESTIMATED QUANTITY (EQ)</b></u>	<u><b>PRICE PER UNIT APPLICABLE TAX(ES) EXTRA (PU)</b></u>	<u><b>EXTENDED AMOUNT APPLICABLE TAX(ES) EXTRA (EQxPU)</b></u>
1	Mobilization & Demobilization	L.S	1		
2	Demolition Works	L.S.	1		
3	Quality Management	L.S.	1		
	<b>Water Provision to Floats A, B, C &amp; D</b>				
4	50 mm Flexible Hose All Floats	Metre	150		
5	Float A 100 mm Flexible Hose	Metre	40		
6	Float A 100 mm HDPE Pipe	Metre	50		
7	Anti-Siphon Valve	Each	3		
8	Ramp to Float A connection	Each	1		
9	50 mm HDPE Pipe on All Floats	Metre	315		
10	100 mm Ball Valves for All Floats	Each	2		
11	50 mm Ball Valves for All Floats	Each	8		
12	Pipe Fittings and Supports Misc.	L.S.	1		
	<b>Water Provision to Fix Wharf</b>				
13	PVC Restrained 150 mm Pipe on Fixed Wharf	Metre	40		
14	Recessed Hydrants including Deck Concrete Coring	Each	2		
15	150 mm NIBCO Gate Valves	Each	2		
16	Concrete Coring for Pipe Installation	Each	1		
17	Misc. Fittings and Supports	Each	1		
	<u><b>TOTAL AMOUNT FOR MECHANICAL WORK (A)</b></u> <u><b>Excluding applicable tax(es)</b></u>				<u><b>\$</b></u>

## **Float Work – Electrical & Mechanical**

<b><u>ITEM No.</u></b>	<b><u>ITEM</u></b>	<b><u>UNIT OF MEASURE</u></b>	<b><u>ESTIMATED QUANTITY (EQ)</u></b>	<b><u>PRICE PER UNIT APPLICABLE TAX(ES) EXTRA (PU)</u></b>	<b><u>EXTENDED AMOUNT APPLICABLE TAX(ES) EXTRA (EQxPU)</u></b>
1	Mob & Demob.	L.S	1		\$
2	Demolition for Existing Floats A, B, C & D	L.S.	1		\$
	<b>Electrical &amp; Mechanical Provisions for Floats A, B1, B2, C &amp; D</b>				
3	Float A	L.S.	1		\$
4	Float B1	LS	1		\$
5	Float B2	LS	1		\$
6	Float C	LS	1		\$
7	Float D	LS	1		\$
8	Main Wharf – Kiosk 2 Provisions	LS	1		\$
	<b>Excavation, Trenching, Backfill &amp; Surface Remediation</b>				
9	Asphalt, Concrete Parking or Roadway area(s)	LS	1		\$
10	Other Graded area(s)	LS	1		\$
11	Additional Concrete Trenching (Line Item 9)	Lin. M	Per		\$
12	Additional Graded Trenching (Line Item 10)	Lin. M	Per		
13	O & M Manuals, Record Drawings, Commissioning Reports, Studies.	LS	1		\$
	<b><u>TOTAL AMOUNT FOR ELECTRICAL &amp; MECHANICAL WORK (B)</u></b> <b><u>Excluding applicable tax(es)</u></b>				

## Marine

<u>ITEM No.</u>	<u>ITEM</u>	<u>UNIT OF MEASURE</u>	<u>ESTIMATED QUANTITY (EQ)</u>	<u>PRICE PER UNIT APPLICABLE TAX(ES) EXTRA (PU)</u>	<u>EXTENDED AMOUNT APPLICABLE TAX(ES) EXTRA (EQxPU)</u>
1	Mobilization and Demobilization	L.S	1		\$
2	Demolition – Floats, piles, boat lift trestle, gangways and hinges as required for new works	L.S.	1		\$
	<b>Piles</b>				
3	Steel pipes for piles will be supplied by Owner at Surrey and Port Coquitman locations – ref. Appendix F except as noted	N/A	N/A		
4	Supply and deliver to the site balance of steel pipes dia 457*13	Lin. M	20		\$
5	Supply and deliver to the site balance of steel pipes dia 508*19	Lin. M	45		\$
6	Transport, fabricate, install to refusal on bedrock, reinforced concrete fill vertical steel piles dia. 457*13 (Piles Ref. FAA)	Each	2		\$
7	Transport, fabricate, install to specified rock penetration, reinforced concrete fill vertical steel piles dia.457*13 (Piles Ref. FBA & FCA)	Each	2		\$
8	Transport, fabricate, install to specified rock penetration vertical steel piles dia.457*13 (Piles Ref. FA, CF, FB & FC)	Each	31		\$
9	Transport, fabricate, install to refusal on bedrock, reinforced concrete fill vertical steel piles dia.508*19 (Piles Ref. FDA)	Each	1		\$
10	Transport, fabricate, install to specified rock penetration vertical steel piles dia.508*19 )Piles Ref. FD)	Each	18		\$
11	Transport, fabricate, drive & install steel piles ida.508*19 vertical & batter with rock socket & reinforced concrete (Piles Ref. CFA)	Each	4		\$
	<b>Float A</b>				
12	Float timber, hardware and fasteners will be supplied by Owner at IOS Site – ref. Appendix G except as noted	N/A	N/A		
13	Float A: Supply and fabricate steel pile frames	Each	14		\$
14	Float A: Supply balance of timber including all hardware and fasteners for gangway landing custom float	L.S.	1		\$

15	Float A: Supply additional buoyancy billets – all sizes	Each	18		\$
16	Float A: Assembly, construct and install float A using all Owner and Contractor supplied materials	L.S.	1		\$
17	Float A: Supply, fabricate and install support platform	L.S	1		\$
18	Float A: Supply, fabricate and install access span	L.S	1		\$
19	Float A: Supply and construct access span foundation	L.S	1		\$
20	Float A: Design, supply, fabricate and install aluminum gangway	L.S	1		\$
21	Float A: Supply and install timber rub-boards	L.S	1		\$
	<b>Float B1</b>				
22	Concrete float B1 will be supplied free of charge by Owner at Steveston, Richmond ready for towing ref. Appendix I and K	N/A	N/A		
23	Float B1: Receive, tow and install concrete Float B1	L.S	1		\$
24	Float B1: Ramp abutment: supply and construct including earthwork, concrete and steel	L.S	1		\$
25	Float B1: Supply and install fendering system	L.S	1		\$
26	Float B1: Supply and install steel pile wells protection system	L.S	1		\$
27	Float B1: Receive and install steel vehicle ramp – supplied by Owner at IOS Site – Appendix H	L.S	1		\$
28	Float B1: Access roadway: supply and construct including granular base and asphalt	L.S	1		\$
29	Float B1: Supply and install timber rub-boards	L.S	1		\$
	<b>Float B2:</b>				
30	Float timber, hardware and fasteners will be supplied by Owner at IOS Site – ref. Appendix G	N/A	N/A		
31	Float B2: Supply and fabricate steel pile frames	Each	2		\$
32	Float B2: Supply additional buoyancy billets – all sizes	Each	4		\$
33	Float B2: Assembly, construct and install Float B2 using all Owner and Contractor supplied materials	L.S	1		\$
34	Float B2: Supply, fabricate and install support platform	L.S	1		\$
35	Float B2: Design, supply, fabricate and install aluminum gangway	L.S	1		\$
36	Float B2: Supply and install timber rub-boards	L.S	1		\$
	<b>Float C</b>				
37	Float timber, hardware and fasteners will be supplied by Owner at IOS Site – ref. Appendix G	N/A	N/A		

38	Float C: Supply and fabricate steel pile frames	Each	7		\$
39	Float C: Supply additional buoyancy billets – all sizes	Each	9		\$
40	Float C: Assembly, construct and install Float C using all Owner and Contractor supplied materials	L.S	1		\$
41	Float C: Supply, fabricate and install support platform	L.S	1		\$
42	Float C: Design, supply, fabricate and install aluminum gangway	L.S	1		\$
43	Float C: Supply and install timber rub-boards	L.S	1		\$
	<b>Float D</b>				
44	Float timber, hardware and fasteners will be supplied by Owner at IOS Site – ref. Appendix G except as noted	N/A	N/A		
45	Float D: Supply and fabricate steel pile frames	Each	9		\$
46	Float D: Supply and fabricate steel reinforcing frames	L.S	1		\$
47	Float D: Supply balance of timber including all hardware and fasteners for custom corner float module	L.S	1		\$
48	Float D: Supply additional buoyancy billets – all sizes	Each	2		\$
49	Float D: Assembly, construct and install Float D using all Owner and Contractor supplied materials	L.S	1		\$
50	Float D: Supply, fabricate and install support platform	L.S	1		\$
51	Float D; Supply and install floating fendering system	L.S	1		\$
52	Float D: Design, supply, fabricate and install aluminum gangway	L.S	1		\$
53	Float D: Supply and install timber fender backing	L.S	1		\$
	<b><u>TOTAL AMOUNT FOR MARINE WORK (C)</u></b> <b><u>Excluding applicable tax(es)</u></b>				\$

<b>TOTAL BID AMOUNT</b> <b>– excluding applicable taxes</b>	\$
<b>Mechanical (A) + Electrical (B) + Marine (C)</b>	