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British Columbia
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**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

Title - Sujet Float Replacement	
Solicitation No. - N° de l'invitation F1700-165102/A	Amendment No. - N° modif. 009
Client Reference No. - N° de référence du client F1700-165102	Date 2016-11-02
GETS Reference No. - N° de référence de SEAG PW-\$PWY-019-7881	
File No. - N° de dossier PWY-6-39157 (019)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2016-11-07	
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: Ngan, Ken (PWY)	Buyer Id - Id de l'acheteur pwy019
Telephone No. - N° de téléphone (604) 658-2755 ()	FAX No. - N° de FAX (604) 775-6633
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: DFO - Institute of Ocean Sciences - Sidney, BC	

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

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

Amd. No. - N° de la modif.
009
File No. - N° du dossier
pwy-6-39157

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

Les documents français seront disponibles sur demande.

This Solicitation Amendment 009 is raised to incorporate Addendum No. 3.

Please find following Addendum No. 3.

All other terms and conditions remain unchanged.

Addendum No. 3

Date: November 2, 2016

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

Clarification for Addendum No 1 - Question 27

As a clarification to Question #27 of Addendum No 1, the cost of the work done by the SSC approved Contractor, PR Bridge System Ltd, is not to be included in the bid as the SSC Contractor has a separate contract with DFO. However, the Contractor must coordinate work with the PR Bridge System Ltd. The scope of the work for PR Bridge System Ltd is as follows:

Bridge Systems to supply & install:

- All pedestal telephone outlets, to match existing for Coast Guard ships to be able to plug in
- Pull Box C3 & C4 outdoor weather proof splice enclosures and cable splicing
- All cables tested back to hanger or Maintenance building, wherever the existing spare 100 pair cable originates from
- All Belden hardware for terminations in Sub 6
- All splicing and terminations for a complete and operational communication system

Contractor bidding for IOS, Patricia Bay, Timber and Concrete Floats A, B1, B2, C, & D Installation will supply and install:

- All Cat 6, armored tech, Marine grade cable
- All Cat 6 or Cat 5E, 25 pair cables (whatever is available)
- All pedestal, outdoor, w/p device box for each communication outlet (34 in total)
- All Tech cable, R/T connectors into each junction box/enclosure/device box
- All pull boxes, junction boxes, etc
- All cables to be labeled at each termination and splice location
- EC to disregard the requirement for a NEMA 4, WP, SS enclosure in communications pullboxes C3 & C4, & the harsh environment patch panels referenced on drawing E501, keynote 12.

General Inquiries/Clarifications:

Q66: Can you please provide a breakdown clarifying each line for the mechanical tender form? For example: The pipe is specified HDPE in the documents and the tender form calls for PVC. In the tender form it states “flexible hose all floats 150 m”. That is a huge quantity compared to what is shown on the drawings especially when drawing C-002 detail 3 states “remove flexible hose c/w salvage and protect hose for re-use.”

A66::

1. Domestic Water and Fire Water pipes on Fixed wharf area to be PVC TerraBrute CR Restrained-Joint (or similar approved), DR18 Pressure Rating 235 psi. All pipes shall be certified CSA B137.3, AWWA C900 NSF Std. 61 and UL 1285 BNQ NQ 3624-250
2. Gaskets to be in accordance with ASTM F477 and to be permanently inserted and fastened at the factory
3. Pipe to have insertion depth markings for spigot
4. Fittings: - PVC injection moulded fittings to AWWA C907 and of the same materials as the pipe. PVC fabricated fittings for 250 mm and 300 mm tees, elbows, crosses, reducers and caps. PVC fabricated fittings to be fabricated with DR 18, AWWA C 900 pipe with fibreglass-reinforced-polyester over wrap
5. All piping on the floating dock area and exposed to the sunlight shall be as per specification Section 33 11 16 item 2.1.
6. Flexible hose is required at each ramp as shown on Drawing C-007 Detail 2. Allow for adequate slack for each section of the flexible hose for the gangway's travel from low to the high tide.
7. Provide suitable adapter couplings for tie-in to the existing piping, where required.

Q67: Regarding Appendix 1 revision, we have a list of work that is not directly associated to a float such as Power system study, Seismic schedules, close out documents. Where are we to place these costs? Civil works, do we list our ducts in the floats section or the civil section? If listed in the float section there is no clear divide as the duct banks serve multiple floats. If we are to locate all costs in separate prices per float I would think there needs to be clarification that the separated price is strictly for information purpose and not to be used as measure to delete work from the contract.

A67::Place the total of all overall costs such as: Power System Study, Seismic Schedules, Close-Out Documents, etc., within line item 13 of the revised Unit Price Table/ Measure of Payment Table Float Work - Electrical & Mechanical. Costs for the new electrical conduit (ducts), cabling on the timber, concrete float and the float gangways up to the point of connection of new in-ground power and communication pull boxes (landside) are to be included in the line items for each float.” Costs for the new electrical conduit (ducts), cabling and new in-ground power and communications pull boxes are to be included in the line items 9 & 10. Separated pricing for the float work shall be for information purposes. However, DFO shall confirm if values are to be used as a measure to delete work from the contract.

Q68: Section 26 42 00 of the electrical specifications calls for a cathodic protection system however there is no mention of it in the drawings. Is this part of the electrical contractor's scope of work? Where is this paid for in the schedule of quantities?

A68: See answer to Question #29 of Addendum No 1

Q69: In section 01 14 10 Security Requirements of both the mechanical and electrical specifications item 1.11 Escorts states that the contractor is required to identify the cost for commissionaires service, however this requirement is not present in the marine civil specifications. Please clarify what is required. There will be numerous areas where work is being performed at the same time during the project. How are we to quantify this?

A69: Commissionaire services will be required only in areas where work must be performed inside any of the buildings. The contractor shall estimate the required time for their sub-trade to perform the work within the building areas and allow for a Commissionaire escort service to cover that period.

Q70: Question 12 of addendum #1 refers to completing a tie in behind the sheet pile wall. What line item is the civil cost to be covered under or is the detail showing it on the water side of the sheet pile?

A70: The tie in detail (Detail A) on Drawing C006 is clearly showing that connection on the exposed section of the pipe is required. This exposed section of the pipe is accessible without removal of sheet pile or excavation of parking area. No removal of the sheet piles or excavation is needed. Allow for cost of installation in line item labelled as “50 mm PVC Pipe on All Floats”

Q71: In the tender form there is line items under “water provision to fix wharf”. Can you please provide drawings and specifications for the work under these line items?

A71: Refer to Drawing C004 Rev 4 Issued for Addendum No 1 for scope of work related to Fixed Wharf

Q72: Answer A17 refers to completion work not in the contract bubble on the drawings. Can you please confirm this work is to be included, how many kiosks they are to be installed in what kiosks, where the locations are, and where it should be included on the tender form? To Clarify, the drawings only show one fire hydrant to be installed, but, the tender form states 2 where is the other one? The addendum #1 Q 17 states to install as per detail 2 on drawing C005, but, on the drawings it is not in the contract bubble. What is to be included as part of the contract?

A72: Refer to Drawing C004 – Rev 4 for locations of the two fire hydrants. Allow for two fire hydrant systems as per detail 2 of Drawing No C005

Q73: Section 011410 item 1.11.1.2 states “The Commissionaire service and all other associated cost for the Commissionaire are to be carried by the Contract in the tender.” Where in the tender form are these costs to be carried, what are the requirements and what are the costs for the Commissionaires as they will not give us pricing?

A73: See answer to Question 69. Allow for this cost in Item 3 “Quality Management” of the “Float Work – Mechanical Unit Price Table”

Q74: Section 024113 3.1.5 refers to having a waterline survey completed. Is this required?

A74: Waterline survey is not required

Q75: Can you please provide a spec, size and location of the Anti-Siphon Valves on float A?

A75: No Anti siphon valve is needed on Float A. Tie-in needs to be completed downstream of existing valve under the slab and pipe extended to Float A gangway

Q76: Can you please provide what hydrant style you are looking for and height? The specification given section 213115 page 5 is very vague.

A76: The hydrants are specified on Page 7 of 11 of Section 33 11 16. The quality should be similar to that of M&H Valve Style 229 flanged

Q77: Can item number 10 in the tender form be changed from 100 mm ball valves to 100 mm butterflies or gate valves?

A77: No

Q78: Does the owner supplied ramp have hangers for the cables and waterline on it or is the contractor responsible for installing some?

A78: Contractor will be responsible for supplying and installing the hangers for the cables. Pay item will be included in Item 27 “Receive and install steel vehicle ramp – supplied by owner at IOS site” of the Marine Unit Price Table

Q79: If material delays result in completion past March 31, 2017 how will that be handled as some materials from suppliers may not be able to be here in time now.

A79: Delays due to circumstances beyond the contractor’s control may be reviewed and entertained by the Department

End of Addendum No.3