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RETOURNER LES SOUMISSIONS À:

**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

| | |
|---|---|
| Title - Sujet Float Replacement | |
| Solicitation No. - N° de l'invitation F1700-165102/A | Amendment No. - N° modif. 010 |
| Client Reference No. - N° de référence du client F1700-165102 | Date 2016-11-03 |
| 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 | Time Zone Fuseau horaire Pacific Daylight Saving Time PDT |
| 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.
010
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 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>UNIT PRICE TABLE</u> | | | | | |
|--------------------------------|--|-------------------------------|---------------------------------------|--|--|
| <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 & Demobilization | L.S | 1 | | |
| 2 | Demolition Works | L.S. | 1 | | |
| 3 | Quality Management | L.S. | 1 | | |
| | Water Provision to Floats A, B, C & D | | | | |
| 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 | | |
| | Water Provision to Fix Wharf | | | | |
| 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>TOTAL AMOUNT FOR MECHANICAL WORK (A)</u> <u>Excluding applicable tax(es)</u> | | | | <u>\$</u> |

Float Work – Electrical & Mechanical

| <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 | Mob & Demob. | L.S | 1 | | \$ |
| 2 | Demolition for Existing Floats A, B, C & D | L.S. | 1 | | \$ |
| | Electrical & Mechanical Provisions for Floats A, B1, B2, C & D | | | | |
| 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 | | \$ |
| | Excavation, Trenching, Backfill & Surface Remediation | | | | |
| 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 | | \$ |
| | | | | | |
| | <u>TOTAL AMOUNT FOR ELECTRICAL & MECHANICAL WORK (B)</u> <u>Excluding applicable tax(es)</u> | | | | \$ |

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 | | \$ |
| | Piles | | | | |
| 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 | | \$ |
| | Float A | | | | |
| 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 | | \$ |
| | Float B1 | | | | |
| 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 | | \$ |
| | Float B2: | | | | |
| 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 | | \$ |
| | Float C | | | | |
| 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 | | \$ |
| | Float D | | | | |
| 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 | | \$ |
| | | | | | |
| | <u>TOTAL AMOUNT FOR MARINE WORK (C)</u> <u>Excluding applicable tax(es)</u> | | | | \$ |

| | |
|--|----|
| TOTAL BID AMOUNT – excluding applicable taxes | \$ |
| Mechanical (A) + Electrical (B) + Marine (C) | |