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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

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Title - Sujet Approach & Float Construction	
Solicitation No. - N° de l'invitation F1700-140405/A	**Amendment No. - N° modif.** 005
Client Reference No. - N° de référence du client F1700-140405	**Date** 2014-07-24
GETS Reference No. - N° de référence de SEAG PW-$PWY-026-7272	
File No. - N° de dossier PWY-4-37046 (026)	**CCC No./N° CCC - FMS No./N° VME**
Solicitation Closes - L'invitation prend fin **at - à 02:00 PM** **on - le 2014-07-30**	**Time Zone** **Fuseau horaire** Pacific Daylight Saving Time PDT
F.O.B. - F.A.B. **Plant-Usine:** ☐ **Destination:** ☑ **Other-Autre:** ☐	
Address Enquiries to: - Adresser toutes questions à: Liu (PWY), Patty	**Buyer Id - Id de l'acheteur** pwy026
Telephone No. - N° de téléphone (604) 775-6227 ( )	**FAX No. - N° de FAX** (604) 775-6633
Destination - of Goods, Services, and Construction: **Destination - des biens, services et construction:** DFO - CCG Search & Rescue Station - Port Hardy, BC	

Instructions: See Herein

Instructions: Voir aux présentes

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Canada

Amendment 005 has been raised to incorporate Addendum 002.

All other terms and conditions remain unchanged.

Amendment 005

Questions and Answers:

Q1. Ref: Technical Specifications - Section 01 01 00 - Material Disposal - Clause 21.2 - “Unless otherwise specified, all existing material to be replaced or removed will be disposed of in accordance with 20.1 above.”

Clause references 20.1 Completion of Work which pertains to schedule. The intent of this linkage is unclear as the Contractor may wish to retain or dispose of removed materials after the completion date. If the intent is that the Contractor remove all designated material from the site by the completion date we suggest this clause should be revised accordingly.

A1. Please refer to Addendum 2 attached.

Q2. Ref: Technical Specifications - Section 01 01 00 - Supply of Float, Steel Piles, Gangway, Breakwater, and Trestle - Clause 22.1 - “The float , steel piles, gangway , steel pipe breakwater float and steel access trestle and galvanized grating will be fabricated by the Contractor and ready for inspection within 12 weeks of contract award. Payment will be made FOB at the Contractor’s shop/yard so that the Engineer can inspect and pay for above items prior to mobilization to the site.”

Depending on fabrication shop workloads, the 12 week restriction may be hard to meet. We suggest that this restriction should be removed and it simply be stated that the fabrications must be available for inspection and acceptance prior to shipping to the site and that the Contractor should allow a minimum of one week in their schedule for such inspections.

A2. 12 weeks is sufficient.

Q3. Ref: Technical Specifications - Section 00 20 60 - Removal of Demolished Material - Clause 2.3 - “Steel pipe piles securing the existing timber mooring float shall be completely removed. If it is not possible to remove a pile, the pile shall be cut off a minimum of 0.3 m below seabed level.”

Are the existing steel pipe piles socketed or fixed into the bedrock?

A3. The Department cannot confirm whether or not the two steel pipe piles securing the existing CCG float are socketed into bedrock

Q4. Ref: Technical Specifications - Section 00 61 00 - Rough Carpentry - Clause 2.2.4 - “Deck planks shall be fastened with 100 long galvanized nails at each face at each contact.”

Please clarify the nailing requirement. We don’t think there is room for 100 nails at each face at each contact. We think the intent is 100 mm long galvanized nails at each face at each contact or two nails per contact.

A4. Please refer to Addendum 2 attached.

Q5. Ref: Drawing no. 212124-003 Rev. B - Pile Plan. Top of Dolphin B1 - B3 & F1 - F3.

This detail shows a “Cone Top”, but there are no details regarding its dimensions or construction. Please provide details on what this cone is made of, dimensions, and method of attachment.

A5. Please refer to Addendum 2 attached.

Q6. Can we fit lifting lugs to the trestle sections to facilitate the safe handling and installation of these sections?

A6. It is acceptable to install lifting lugs on the trestle sections. The awarded contractor shall submit a drawing or sketch showing the proposed lifting lug arrangement for review.

Q7. Ref: Drw. 212124-002 Rev.B – Sections 1 & 2 – There is no detail for the top plates on the piles, between the pile top and cross beam. Please provide the dia. and thickness of the pile top plate and adjust the pile cut-off elevation if necessary. Are all the top plates to be as indicated in Detail D of drawing 212124-011 Rev.B?

A7. Please refer to Addendum 2 attached.

Q8. Can A-252 Grade 3 spiral weld pipe be used for the construction of the Breakwater Float? If not, are we correct in interpreting the specifications that the Breakwater Float should be constructed from rolled Grade 300W plate per note 1 of drawing 212124-001 RevD?

A8. The steel pipe material for the breakwater float shall comply with the requirements in the Technical Specifications - Section 00 23 63 – Steel Piles – Clause 2 Materials with the exception that spirally welded pipe will be accepted for the breakwater floats.

Q9. Without adequate soils information (Overburden Material Depths), are contractors to assume all piles must be drilled to reach design criteria?

A9. The Department cannot confirm the thickness of the overburden. It is expected that all piles will have to be advanced into bedrock with rock penetrations as shown in Table 4 and Table 5 on Drawing 212124-003.

Q10. Does the term “Socket” refer to the advancement of the pipe pile into rock (seated inside the socket), or an open hole rock socket below the pile tip?

A10. Table 4 and Table 5 on Drawing 212124-003; Minimum Socket Depth in Bedrock: This term is in the present specifications used to define the minimum vertical distance from the surface of the bedrock to the tip of the steel pipe pile below the bedrock surface.

Q11. Does PWGSC have an environmental permit for this project? If so, can you please provide a copy? Also.

A11. Refer to the two attachments for Environmental Mitigation Measures:

.1 Port Hardy Marine Environmental Mitigation Measures

.2 Port Hardy Marine Biophysical Survey

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Q12. Are the contractors allowed to operate equipment in the tidal zone between the abutment and T5?

A12. The tender price shall be based on the assumption that the contractor is allowed to operate with rubber tire based equipment on the foreshore between the abutment and Pipe Post 5.

Q13. Can drill tailings/spoils be returned to the seabed at the pile location? Or, is upland disposal required?
A13. The tender price shall be based on the assumption that drill tailings/spoils can be returned to the seabed at the pile location. The Department will have a Qualified Professional to monitor the environmental conditions during pile installation and it may be necessary to collect the tailings/spoils and dispose of the material upland. The Bidder shall in the tender submission provide a firm price for the additional cost for collection and upland disposal of drill tailings/spoils

Q14. Has the site material been tested for contaminants?
A14. The material on site has not been tested for contaminants. The tender price shall be based on the assumption that the material is uncontaminated.

Q15. Is the gangway galvanized and painted with a red top coat? See Dwg. 2007002-5 " General Notes", Galvanizing of steel – additional requirements and Painting of steel- additional requirements also "Technical Specifications", Painting Section Page 2, note 5.4.
A15. The gangway shall be painted as specified in the Technical Specifications - Section 00 98 00 – Painting.

Q16. What is the specification required for the pipe in the breakwater float? The specs on the drawings only refer to pipe piles.
A16. The steel pipe material for the breakwater float shall comply with the requirements in the Technical Specifications - Section 00 23 63 – Steel Piles – Clause 2 Materials with the exception that spirally welded pipe will be accepted for the breakwater floats.

Q17. Would it be possible to substitute alternate diameter piling with equivalent or higher section modulus as an alternate to the 24" x ½" wall specified for the drilled trestle and timber float piling. This is envisioned as either 22" x 5/8" wall or 18" x 1" wall. Specified grade would be unchanged. The reason for this request is to assemble the most competitive possible bid utilizing a variety of available drilling equipment & options.
A17. Please refer to Addendum 2 attached.

Q18. Please refer to drawing number 212124-004 Section 2. This drawing indicates the cast in place footings sunk into the bedrock roughly 300mm Is this actually required or are you just looking to go as far down untill you hit bedrock?
A18. The cast in place footings go as far down until bedrock is reached.

Q19. Most of the low tide work to do the cast in place footings will have to happen at night time. Are we allowed to work throughout the night?
A19. Work is allowed at night for tide work.

End of Questions and Answers.

REMOVE Appendix 1 – COMBINED PRICE FORM of the solicitation document and **REPLACE** with the following:

APPENDIX 1 - COMBINED PRICE FORM

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.

	Class of Labour, Plant or Material	Unit of Measur-ement	Estimated Quantity (EQ)	Price per Unit applicable taxe(s) extra (PU)	Extended amount (EQ x PU) applicable taxe(s) extra
1	Mobilization and Demobilization	LS	1		
2	Supply of Float	LS	1		
3	Installation of Float	LS	1		
4	Supply of new 609.6mm Steel Piles	Meter	205		
5	Drive/Drill 609.6mm Piles	EA	14		
6	Supply of new 914.4mm Steel Piles	Meter	70		
7	Drive/Drill 914.4mm Piles	EA	3		
8	Supply New Gangway	EA	1		
9	Install New Gangway	EA	1		
10	Supply of new steel access trestle and galvanized grating	LS	1		
11	Installation of new steel access trestle and galvanized grating	LS	1		
12	Removal and Disposal/Salvage	LS	1		
13	Supply of Steel Pipe Breakwater	LS	1		
14	Installation of Steel Pipe Breakwater	LS	1		
15	Supply and installation of concrete abutment and the pile posts	LS	1		
16	Collection and Upland Disposal of Drill tailings/Spoils	LS	1		
TOTAL BID AMOUNT (Excluding Applicable Taxes)					

ADDENDUM 002

Section 01 01 00 - Material Disposal - Clause 21.2 shall be **changed** to:

Unless otherwise specified, all existing material to be replaced or removed will be disposed of in accordance with **21.1** above.

Section 00 61 00 - Rough Carpentry - Clause 2.2.4 shall be **changed to**:

Deck planks shall be fastened with two 100 long galvanized nails at each contact with one nail at each side of the plank.

609.6x12.7 mm (24”x1/2”) steel pipe piles may be substituted by 558.8x15.9 mm (22”x5/8”) steel pipe piles. All pipe piles to meet the requirements in the Technical Specifications – Section 00 23 63 – Steel Piles.

Section 00 98 00 - Painting - Clause 5.3 and 5.4 shall be **changed to**:

5.3 The following paint systems shall be used for painting of steel pipe posts and piles, pile caps, trestle, gangway, floating breakwater and miscellaneous steel attached to painted metal

Coat No.	**Type**	**Binder**	**Product Name**	**Dry Film Thickness**
1	Primer	Zinc-Rich Epoxy	Interzinc 52	2.5 mils
2	Mid Coat	Polyamide Epoxy	Interseal 670HS	7 mils
3	Stripe Coat	Polyamide Epoxy	Interseal 670HS	5 mils
4	Full Coat	Polyamide Epoxy	Interseal 670HS	7 mils
-	-	-	-	16.5 mils minimum

Note: Finished dry film thickness of the coating shall be a minimum of 16.5 mils at each spot measurement. Stripe coat not included.

5.4 Top coat to be a light grey colour except for **handrails on the trestle which shall have a CCG red top coat and guardrails which shall have a safety yellow top coat. The gangway shall have a red top coat.**

Colour Schedule

Area	Color	RAL CODE

Piles and Steel Structure	Light Grey	RAL 7035
Handrails & Gangway	CCG Red	RAL 3000
Guardrails	Safety Yellow	RAL 1003

Drawing no. 212124-003 Rev. B - Pile Plan. Top of Dolphin B1 - B3 & F1 - F3.
Cone Top to be fabricated of 6 mm steel plate. The angle of the top of the cone shall be 90 degrees. The diameter of the base of the cone shall be 580 mm for 609.6x12.7 mm pipe piles and 890 mm for 914.4x12.7 mm pipe piles. The cone shall be attached to the pile cap plate with a 6 mm continuous fillet weld.

Drawing 212124-002 Rev.B – Sections 1 & 2.
The cap plate on Pipe Post 1 to 5 and on Pipe Pile T6 to T14 shall be PL12.7 (1/2”) steel plate. The cap plate shall be attached to the post and/or pile with an 8 mm continuous fillet weld.

All other terms and conditions remain unchanged.