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The Cambridge Building  
3 Queen Street/3, rue Queen  
Charlottetown  
Prince Edward Island  
C1A 4A2

**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  
The Cambridge Building  
3 Queen Street/3 rue, Queen  
PO Box 1268/CP 1268  
Charlottetown  
Prince Ed  
C1A 4A2

<b>Title - Sujet</b> North Lake Boat Pen 202/423 Expansi	
<b>Solicitation No. - N° de l'invitation</b> E0226-132411/A	<b>Amendment No. - N° modif.</b> 002
<b>Client Reference No. - N° de référence du client</b> R.059586.001	<b>Date</b> 2012-12-18
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$PWC-010-3172	
<b>File No. - N° de dossier</b> PWC-2-35110 (010)	<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 2012-12-20</b>	
<b>Time Zone</b> Fuseau horaire Atlantic Standard Time AST	
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> MacDonald, Anne (PWC) D.	<b>Buyer Id - Id de l'acheteur</b> pwc010
<b>Telephone No. - N° de téléphone</b> (902) 626-4949 ( )	<b>FAX No. - N° de FAX</b> (902) 566-7514
<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>

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**Addendum Two**

December 18, 2012

**North Lake Boat Pen 202/423 Expansion****North Lake Harbour, PEI****File Number: E0226-132411**

The following addition to the tender documents is effective immediately. This Addendum shall form a part of the contract documents.

**Drawings**

Delete drawing numbered C-1 of 1 and replace with revised drawing C-1 of 1, attached herewith.

**Specification**

**Item # 1** In the specifications, Section 01 10 10 - General Instructions, delete clause 1.1.15 and replace with new clause 1.1.15 to read:

**1.1 Description of Work**

.15 The contractor is to complete 25% of the value of the contract by March 31, 2013. The remainder of the work is to be completed by February 15, 2014. Work on site shall be prepared, accessible and made useable to the fishers by April 15th, 2013.

**Item # 2** In the specifications, Section 01 10 10 - General Instructions, delete clause 1.6.5 and replace with new clause 1.6.5 to read:

**1.6 Setting of Work**

.5 Setting out the work, mob, demob, and other costs associated with the work, that are not included as part of specific bid items, will be considered incidental to the contract work.

**Item # 3** In the specifications, Section 01 35 44 - Environmental Protection Procedures for Marine Work, delete clause 1.9.7 - Water Quality and replace with new clause 1.9.7 to read:

**1.9 Water Quality**

.7 A silt curtain must be installed and maintained to contain the area of the work to mitigate against a sediment plume in the surrounding water body. The floating silt curtain fence must be installed before any work activity. On a daily basis monitor the stability (anchorage) of the structure and ensure that the silt curtain is working effectively.

**Item # 4** In the specifications, Section 01 35 44 - Environmental Protection Procedures for Marine Work, delete clause 1.9.8 - Water Quality and replace with new clause 1.9.8 to read:

**1.9 Water Quality**

.8 The dredge material must be disposed at an appropriate location to ensure that the material, or any part of the material, does not reenter the North Lake Harbour or any water body.

**Item # 5** In the specifications, Section 01 35 44 - Environmental Protection Procedures for Marine Work, add new clause 1.15 Measurement Procedures to read:

**1.15 Measurement Procedures**

.1 No measurement for payment will be made for items and work under this Section. All costs of items and work under this Section shall be included in the lump sum price for Site Work, Demolition, Removal, Disposal and Reinstatement item.

**Item # 6** In the specifications, Section 31 23 10 - Excavating, Trenching and Backfillings delete clause 1.2 Measurement Procedure .3 and replace with new clause 1.2.3 to read:

**1.2 Measurement Procedures:**

.3 Granular base material will be measured in tonnes, placed to the lines and grades as shown on drawings. Payment will include supply, handling, trucking, placing, compacting, and all related work.

**Item # 7** In the specifications, Section 31 23 10 - Excavating, Trenching and Backfillings delete clause 1.7 Protection of Existing Features .2 and replace with new clause 1.7.2 to read:

**1.7 Protection of Existing Features**

.2 Take necessary precautions, measures, construction sequencing and construction methods to ensure that no earth slumping occurs around the excavation, due to wet unstable soil conditions, beyond the lines and grades shown on the drawing. Ensure that the lines and grades on the drawings are maintained during construction. No payment will be made for extra excavation and backfilling required to maintain or achieve the lines and grades shown on the drawing.

**Item # 8** In the specifications, Section 31 23 10 - Excavating, Trenching and Backfillings delete clause 3.4 Backfilling .5 and replace with new clause 3.4.5 to read:

### **3.4 Backfilling**

- .5 Place backfill in uniform layers not exceeding 300 mm compacted thickness. Compact each layer to 100% of Standard Proctor dry density before placing succeeding layer.

**Item # 9** In the specifications, Section 31 23 10 - Excavating, Trenching and Backfillings delete clause 3.5. Granular Base .3 and replace with new clause 3.5.3 to read:

### **3.5 Granular Base**

- .3 To create base for asphalt and for all other granular base surfaces, compact granular base to 100% of Standard Proctor dry density.

**Item # 10** In the specifications, Section 03 41 00 - Precast Structural Concrete delete clause 2.2 Mixes and replace with new clause 2.2 to read:

## **2.2 Mixes**

### **.1 Concrete**

- .1 Proportion normal density concrete in accordance with Alternative 1 of Table 5 in CAN/CSA-A23.1. Comply with additional requirements of CSA A23.1 for concrete placed near sea water.
- .2 For cast-in-place and precast concrete, use concrete mix designed to produce air entrained concrete meeting the following requirements.
- .1 Cement to be normal Portland cement, Type GU.
  - .2 Minimum compressive strength at 28 days: 35 MPA.
  - .3 Exposure: Class C-1.
  - .4 Maximum aggregate size to CSA A23.1 table 11, Group 1, 20 mm sieve size.
  - .5 Minimum cement content 390 kg/m<sup>3</sup>.
  - .6 Air content: 5 to 8%.
  - .7 Maximum water/cement ratio to be 0.40.
  - .8 Slump at time and point of discharge to be 20 to 80 mm. Where the nature of the work requires larger slumps, they are to be obtained by the use of admixtures rather than increasing the water content. The use of such admixtures and the increase in slump to be approved by the Departmental Representative prior to implementation into the work.

- .9 Modify concrete mix to the approval of the Departmental Representative to accommodate pumping.
- .10 Admixtures to the approval of the Departmental Representative and the recommendation of the manufacturer. Admixtures must be dispersed separately into mixing water.

**Item # 11** On drawing M4 of 8, delete detail # 2 and replace with new detail #2 to read:

**2. Pile Driving Criteria**

Timber piles to be driven to bedrock to refusal with a hammer of rated energy of 11,500 Joules. Refusal is taken as 25 blows/inch for four consecutive inches when driving at full force or 10 minutes full operating capacity for no further than 25 mm of pile penetration.

**Item # 12** Drawing numbered C1 of 1

Delete drawing numbered C1 of 1 and replace with revised drawing C1 of 1, attached herewith.

**Item #13** Solicitation Documents - Appendix 1 - Price Form

Delete Appendix 1 - Price Form and replace with revised Appendix 1 - Price form attached herewith.

**QUESTION #1**

**Section 03 41 00 - Clause 2.2 - Regarding the 35 MPa mix**

One supplier is advising it requires fly ash, which doubles the cost from the regular 35 MPa supplied to date. Is this a Department requirement?

**ANSWER**

Please price as stated in the specification. The specification has been changed in this addendum.

**QUESTION #2**

**Section 05 50 00 - Metal Fabrication**

Is the finish of the tie rods to be galvanized?

**ANSWER**

The steel tie rods are not to be galvanized.

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**QUESTION # 3**

Is there any electrical plan showing the extent of relocating after the project is completed.

**ANSWER**

Please refer to the answer of Question #9.

**QUESTION #4**

Copper line replacement. Are we to allow for any rises for services or do we just run the line through to make sure water gets to both sides?

**ANSWER**

The following is the answer and additional details:

- .1 The water line has been changed from copper to 38 mm inside diameter polyethylene pipe for potable water.
- .2 There are no rises for service to be included. The line will run water from the northern side of the boat pen to the southern side.
- .3 Water line to be fastened to the underside of the top front wale, close to the timber piles, with stainless steel clamps.
- .4 The water line must remain in service, either with existing or temporary or the new water lines, between April 1st and November 30th.
- .5 All plumbing shall meet the requirements of the National Plumbing Code of Canada.
- .6 Clean lines and test water so it meets Canadian Drinking Water Standard.

**QUESTION #5**

Can you clarify what you expect to be done by the end of March, 2013 in order to meet the 25% complete criteria. It may be hard to perform 25% of the work and still maintain no interruption to fishermen during the restricted period from April 15th to July 6th period.

**ANSWER**

The contractor is to complete 25% of the value of the contract by March 31, 2013. This can be achieved by completion of components of the work and by securing materials on-site that are to be incorporated into the completed work.

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**QUESTION #6**

Is Mirafi S1600 an acceptable geotextiles ?

**ANSWER**

Yes.

**QUESTION #7**

The unit price table states 220 m3 for Dimensional Treated Timber, but my calculations total 190.08 m3.

**ANSWER**

The quantity in the unit price table has been revised in this addendum.

**QUESTION #8**

Unit Price Table - Item 4 - Installation of the New Waterline

I am not able to find the scope of work required on the drawings or in the Specifications.

**ANSWER**

In addition to information on drawings and in the specifications, refer to the answer of Question #4.

**QUESTION #9**

Unit Price Table - Item 5 - Electrical Removal, Relocation, New Installation

I am not able to find the scope of work required on the drawings or in the Specifications.

**ANSWER**

Please relocate all electrical lines, poles, electrical services, and phone lines as required

The following provides clarifying details:

1. There is a high voltage pole line that has to be relocated. Consult with the Departmental Representative for the location of the new or relocated poles.
2. There is a separate distribution pole line in the same general area and alignment as the high voltage pole line that has to be relocated. Consult with the Departmental

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Representative for the location of the new or relocated poles.

3. There is a pole in the south east corner of the boat pen that has an overhead line servicing it, as well as an overhead phone line running to it. It contains a meter, panel and overhead light and several receptacles. There is an underground line running from the pole to service the fuel tanks. There is an above ground line in a steel conduit, running along the curb from the pole to the fuel pumps at the south west end of the boat pen. There is an overhead line and phone line running from this pole to a pole and light in the south west corner of the boat pen. These services are to be maintained throughout the project duration.
4. There is a pole in the north east corner of the boat pen that has an overhead line servicing it from a pole in the north west corner of the boat pen. It contains an overhead light, several receptacles. These services are to be maintained throughout the project duration.
5. The pole north of the existing boat pen north east corner runs overhead power and phone lines to a pole outside and north of the work area. These services are to be maintained throughout the project duration.

#### **QUESTION #10**

Please clarify mob/demob item in 1.6.5 of. Section 01 10 10

#### **ANSWER**

This item has been revised in this addendum.

Unit Price Table

#### **QUESTION #11**

Can you clarify if all electrical plugs, lights and panels are to be replaced, or as needed?

#### **ANSWER**

All existing electrical plugs, lights and panels are to be relocated as required to perform the work.

**APPENDICE 1 - (modifié)****FORMULAIRE DE PRIX**

**TABLEAU DES PRIX UNITAIRES** - Supprimer forme Prix précédente et la remplacer par ce qui suit:

Le tableau des prix unitaires désigne la partie des travaux qui est assujettie à un arrangement à prix unitaires.

- a) Les travaux faisant partie de chaque article sont tels que décrits aux sections du devis en référence.
- b) Le prix unitaire ne doit pas inclure de montants pour des travaux qui ne sont pas inclus aux articles de prix unitaires.

Article	Référence au devis	Catégorie de main-d'œuvre, outillage ou matériaux	Unité de mesure	Quantité Estimative (QE)	Prix unitaire (PU) excluant la TPS/TVH	Prix calculé (QE x PU) Excluant la TPS/TVQ
1	01 10 10 01 74 21 31 23 10	Travaux sur le chantier, démolition, enlèvement, élimination et restauration	Mont. forfaitaire	1		
2	01 10 10 01 74 21 31 23 10	Excavation et élimination sur place	Mont. forfaitaire	1		
3	01 10 10	Puisards en béton et tuyaux ondulés en PEHD	Mont. forfaitaire	1		
4	01 10 10	Installation d'une nouvelle conduite d'eau	Mont. forfaitaire	1		
5	01 10 10	Enlèvement, déplacement et nouvelle installation d'éléments électriques	Mont. forfaitaire	1		
6	03 41 00	Murs d'ancrage en béton	m3	27		
7	05 50 00	Métaux divers	Mont. forfaitaire	1		
8	05 50 00	Échelles, barreaux et mentonnets	ch.	7		
9	05 50 00	Tirants - Fourniture et installation	ch.	53		
10	05 50 00	Taquets d'amarrage - Fourniture et installation	ch.	8		
11	06 10 10	Bois d'oeuvre dimensionnel - semelles sur pieu , longrines, revêtement, platelage, raidisseurs, etc.	m3	190		
12	32 11 19 31 23 10	Base granulaire - Classe A	tonne	375		
13	31 23 10	Selection du matériel d'emprunt	tonne	2,400		
14	31 32 21	Géotextile	m2	1,600		
15	31 62 16	Palplanches d'acier - Fourniture	m2	95		
16	31 62 16	Palplanches d'acier - Installation	m2	89		
17	31 62 19	Pieux en bois - Fourniture	m	1,178		
18	31 62 19	Pieux en bois - Installation	m	990		

Solicitation No. - N° de l'invitation

E0226-132411/A

Client Ref. No. - N° de réf. du client

R.059586.001

Amd. No. - N° de la modif.

002

File No. - N° du dossier

PWC-2-35110

Buyer ID - Id de l'acheteur

pwc010

CCC No./N° CCC - FMS No/ N° VME

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19	31 37 00	Enrochement - R-100	tonne	825		
20	32 12 17	Revêtement bitumineux	m2	585		
<b>Montant total prolongée excluant la TPS / TVH (Copier BA03)</b>						<b>\$</b>