



RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:
PWGSC/TPSGC Acquisitions
Sherwood Business Centre
161 St. Peters Road/
161, rue St. Peters
2nd Floor, Suite 204/
2ième étage, pièce 204
Charlottetown
Prince Edward Island
C1A 5P7
Bid Fax: (902) 566-7514

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

Veuillez adresser toute demande de renseignements par écrit à l'attention de l'autorité contractante, Crystal Bysterveldt, soit par télécopieur ou par courriel à: crystal.bysterveldt@tpsgc.gc.ca.

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
Sherwood Business Centre
161 St. Peters Road/
2nd Floor, Suite 204
Charlottetown
Prince Ed
C1A 5P7

Title - Sujet Reconstruction - Grahram's Pond, PE	
Solicitation No. - N° de l'invitation ED001-201142/A	Amendment No. - N° modif. 002
Client Reference No. - N° de référence du client ED001-201142	Date 2019-08-26
GETS Reference No. - N° de référence de SEAG PW-\$PWC-024-4460	
File No. - N° de dossier PWC-9-42020 (024)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2019-09-04	
Time Zone Fuseau horaire Atlantic Daylight Saving Time ADT	
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: Bysterveldt (PWC), Crystal	Buyer Id - Id de l'acheteur pwc024
Telephone No. - N° de téléphone (902) 940-7122 ()	FAX No. - N° de FAX (902) 566-7514
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction:	

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

LES CHANGEMENTS SUIVANTS AUX DOCUMENTS D'APPEL D'OFFRES ENTRENT EN VIGUEUR IMMÉDIATEMENT. CET ADDENDA FERA PARTIE DES DOCUMENTS CONTRACTUELS.

LE PRÉSENT ADDENDA VISE À PRÉSENTER LES RÉPONSES SUIVANTES AUX QUESTIONS POSÉES PAR LES SOUMISSIONNAIRES.

1. **Question:** As indicated within the Structural Steel notes of Drawing M15: All exposed steel shall be Hot Dipped Galvanized with the exception of H-Piles and Misc. Steel Sections embedded or cast into concrete. Please confirm that the steel sheet piles, wales, bearing plates, wale splices, steel pipes, capping channels, support angles and other misc. steel related to the SSP that they are not galvanized. It is noted that within the Steel Sheet Pile specification (Section 31 62 16.13) the material is not galvanized.

Réponse: Reference Drawing M15 - Structural Steel Note #7:

Revise to read:

All exposed steel shall be Hot Dipped Galvanized with the exception of H-Piles, Miscellaneous Steel Sections embedded or cast into concrete, steel sheet piles, and all miscellaneous steel related to the steel sheet pile construction (wales, bearing plates, wale splices, steel pipes, capping channels, and support angles).

2. **Question:** Please advise on the extent of the "Blackout" period between April 15th to July 15th of any given year as detailed within Section 1.9.5 of the Instruction to Bidders (Section 01 10 10). The contractor's current assumption is that any work prior to April 15th will need to be substantially complete prior to April 15th of any given year and readily accessible. It is also assumed that during this time period the contractor will not be allowed to perform any work on site as the materials and equipment will need to be located off site. Please advise if there is any permissible work fronts during the blackout period on either structures 304, 305 or 306 or if the contractor's assumptions above are incorrect.

Réponse: Grahams Pond is an active working harbour and the channel between 304/305 and 412/306 must be maintained and accessible to the harbour users at all times through-out the construction period. Upon award of the construction tender and a construction schedule is submitted, the department representative will coordinate meetings with DFO and the harbour authority to discuss and review in order to make arrangements to accommodate the construction and harbour users in the best possible ways for all parties.

There is no true "Blackout" period in the sense of no work or having to be substantially complete during those times. There will be areas that will have limited access at times due to harbour activities.

3. **Question:** Within drawing M3 there is a note stating to include 3 ladders along the piled wharf structure, while on drawing there is a note detailing an additional 4 ladders along the SSP wharf structure. These are detailed further in drawings M6 and M7. The table of quantities however indicate only 4 ladders to be installed on line 14. Please advise if the total amount of ladders should be 7 as per the drawings.

Réponse: SEE REVISED UPT AT END OF Q & A's

Reference Unit Price Table: Line Item 14

1. Revise Safety Ladders total quantity from 4 to 7.

4. **Question:** Item 13 within the unit price table stipulates the installation of 18 X Bracing @ H-Pile. However on drawing M10 Detail 1 and Detail A there is both Steel Bracing as well as Transverse Cross Bracing. It is noted that the transverse cross bracing only starts at Gridline 18. The total quantity of cross bracing should therefore be 18 Steel Bracing and 9 Transverse Cross Bracing for a total of 27. Please advise on the correct total for the unit Price Table as well as whether or not the contractors understanding above is correct.

Réponse: SEE REVISED UPT AT END OF Q & A's

Reference **Unit Price Table:** Line Item 13

Revise total number of cross bracing from 18 to 28 (18 longitudinal cross bracing and 10 transverse at bents 1, 3, 5, 7, 9, 11, 13, 15, 17 and 18).

5. **Question:** The specifications (Section 35 31 24) concerning Armor stone type A2 indicate 3 to 5 tonnes however within drawing M8 the same type of armor stone is referred to as 2 to 4 Tonnes. Please advise which governs between the Specifications and the Drawing.

Réponse: Reference **Specifications:**

Section 35 31 24, Paragraph 2.1.1.4.1.3

Revise to read: Armor Stone A2: 2 to 5 tonnes each by weight.

6. **Question:** Within the Unit Price Table, line item 3 stipulates 59 LM of Selective Demolition – Remove Steel Sheet Piling (200m.). Please confirm that this 59m. is the full removal of the SSP Wall along structure 304 while partial removal of the SSP wall (to elevation -1.8) along structures 304, 305 and 306 falls within Line Item 2? Also please confirm the intent of the (200m.) within the description of the line item.

Réponse: SEE REVISED UPT AT END OF Q & A's

Reference **Unit Price Table**

Line Item 2

1. Clarification: partial removal of the Steel Sheet Piling Walls (to elevation -1.8m) along structures 304, 305 and 306 shall be included under Line Item 2 "Demolition and Removal..."

Line Item 3

1. Delete (200m) under column "Class of labour plant or material"
 2. Clarification: the 59 LM of Selective Demolition refers to full Removal of Steel Sheet Piling Wall along structure 304.
7. **Question:** Clarification of tender item #3 Selective Demolition - Remove Steel Sheet Piling (200m) has a qty of 59LM. What is the 200m referencing?

Réponse: Answered in question 6.

8. **Question:** Tender Item #22 - Geogrid - please provide details (location and material specifications).

Réponse: Item 23 – Geogrid. Refer to notes in Section B/M4/M10 for Geogrid location and material specifications

9. **Question:** Please provide Electrical Service removal and relocation details/scope of work.

Réponse: There is no electrical service removal and relocation except for the removal and disposal of abandoned power poles as indicated.

10. **Question:** Specification: Section 03 30 00 CAST-IN-PLACE CONCRETE Page 5. Under "Concrete for pile jackets (Tremie Concrete): .7 "Additional Class Fiber to mix at a rate of 2% of volume." In talking with one of concrete plants interested in bidding the opportunity, they weren't sure what was meant by the additional class fiber? We thought maybe it was a typo and was meant to be glass? The plant came back and said "It is possible, but there are multiple options with fiberglass fibers as well. Micro Fibers which are the most common usually have a dosage rate of 1 bag (900 g's) per m3 and Macro Fibers usually have a dosage rate of 1 bag (1.8kg's) per m3.

Réponse: Reference Specifications Section 03 30 00 CAST-IN-PLACE CONCRETE Paragraph 2.2.1.2.7 - Replace "Class" with "Glass".

11. **Question:** Drawing: Section B/M10: On the edge beam rebar longitudinal there is no quantity or size given. It does say 15M ties @ 200, Please advise. In the same section, it says the bar in the

deck is 15M @ 200 Both ways Top & Bottom, but on the dredge pile cap detail on drawing M12 says deck rebar 20m @ 200 Top & Bottom and 15M @ 200 Top & Bottom? Please advise what rebar is required in deck 304 and dredge platform.

Réponse: Reference Drawing M10 – Section B/M10 (304):

Edge Beam (over Steel Sheet Pile) longitudinal rebar reinforcing shall be (3) 15M top & bottom.
Deck reinforcing rebar as indicate: 15M @ 200mm O.C. Both Ways Top & Bottom.

Reference Drawing M10 & M12:

Deck on Drawing M10 is a slab-on-grade and Deck on Drawing M12 is a structural slab.

MODIFIÉ : 27 août 2019**APPENDICE 1 - FORMULAIRE DE PRIX**

- 1) Les prix unitaires seront retenus pour établir le montant total des prix calculés. Toute erreur arithmétique à cet appendice sera corrigée par le Canada.
- 2) Le Canada peut rejeter la soumission si quelconque des prix soumis ne tient pas fidèlement compte du coût de l'exécution de la partie des travaux à laquelle ce prix s'applique.

TABLEAU DES PRIX UNITAIRES

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 les taxe(s) applicables	Prix calculé (QE x PU) Excluant les taxe(s) applicables
1	01 10 10	Disposition du projet et exigences générales	MF	1		
2	02 41 13	Démolition et enlèvement (tablier en béton, tirants, blocs de béton, etc.)	MF	1		
3	02 41 13	Démolition sélective - Enlèvement de palplanches d'acier	m lin.	59		
4	02 41 13	Excavation et élimination	m3	1,695		
	03 30 00	Béton coulé sur place (Dalle sur terre-plein)				
5		Cloison de la structure 304	m3	93.8		
	03 30 00	Béton coulé sur place, structures				
6		Tablier	m3	111		
7		Structure de liaison pour plate-forme de dragage	m3	60.5		
8		Treillis pour pieux	m3	33		
	06 14 00	Blocs d'ancrage en béton/ Mur d'ancrage en béton				
9		Cloisons de la structure 304	m3	34.7		
10		Mur de soutènement de 400 mm	m3	11		
11		Socle de feux de navigation	m3	5.8		
	05 50 00	Acier de construction				
12		Tirants	chaque	22		

13		Contreventement @ pieux en H	chaque	28		
14		Échelles de sécurité	chaque	7		
15		Double raidisseur (palplanches d'acier)	m lin.	75		
16		Cornières et plaques (dessus de palplanches d'acier)	m lin.	75		
17		Garde-roue (acier rapide 203x203x9.5)	m lin.	180		
18	31 23 10	Base en grès, matériau sélectionné	m3	2,980		
19	31 23 10	Couche de base granulaire – Classe A	Tonnes	964		
20	31 23 10	Base granulaire (100 mm et moins) derrière les palplanches d'acier	Tonnes	1200		
21	31 23 10	Base granulaire - Pierres concassées	Tonnes	300		
22	31 32 21	Tissu géotextile filtrant	m2	5,190		
23		Géogrille	m2	390		
		Palplanches en acier				
24	31 62 16.13	Fourniture	m2	880		
25	31 62 19.16	Battage	m2	830		
		Pieux d'acier en H (36 pieux PH 310x152)				
26	31 62 16.13	Fourniture	m lin.	565		
27	31 62 19.16	Battage	m lin.	540		
28	32 12 16	Revêtement bitumineux	m2	1100		
	35 31 24	Perré (enrochement) - Importé				
30		Brise-lames 305	Tonnes	22,400		
31		Brise-lames 306	Tonnes	17,900		
32		Route de service de la plate-forme de dragage	Tonnes	190		
TOTAL DES PRIX CALCULÉS (TPC) Excluant les taxes applicable(s)						