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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

All enquiries are to be submitted in writing to the Contracting Authority, Crystal Bysterveldt, either by facsimile or by e-mail at:
crystal.bysterveldt@pwgsc.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
The Cambridge Building
3 Queen Street/3 rue, Queen
PO Box 1268/CP 1268
Charlottetown
Prince Ed
C1A 4A2

Title - Sujet Steel Repairs Northport/Naufrage PE	
Solicitation No. - N° de l'invitation ED001-161529/A	Amendment No. - N° modif. 004
Client Reference No. - N° de référence du client R.076459.001	Date 2015-11-27
GETS Reference No. - N° de référence de SEAG PW-\$PWC-024-3735	
File No. - N° de dossier PWC-5-38119 (024)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2015-12-08	
Time Zone Fuseau horaire Atlantic Standard Time AST	
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, 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

THE FOLLOWING CHANGES IN THE TENDER DOCUMENTS ARE EFFECTIVE IMMEDIATELY. THIS ADDENDUM WILL FORM PART OF THE CONTRACT DOCUMENTS.

TENDER CLOSING

Notice is hereby given that the closing date for tenders has been extended from Thursday, December 3, 2015 to:

Tuesday, December 8 at 2:00pm

This Addendum is raised to provide the following answers to questions provided by bidders.

The following changes in the tender documents are effective immediately. This addendum will form part of the contract documents.

ANSWERS TO QUESTIONS

1. **QUESTION**

There is no item for tie rod repairs at Northport on the Price form. Are there any tie rods to be repaired at that site? If so, A detail of tie rods is shown on the Northport harbour drawing (M2), showing all rod centers at the same elevation, but site observations suggest otherwise. Can you confirm that all tie rods are at the same elevation?

ANSWER

No tie rod repairs are required at Northport.

2. **QUESTION**

The typical details showing the tie rods to be repaired on both Naufrage (M1) and Northport (M2) drawings show a concrete deck. No concrete deck was observed at Naufrage. There is one at Northport however. Is that a mistake on the drawing detail?

ANSWER

At Naufrage please assume excavation and reinstatement to match existing. At Northport no tie-rod replacement is required therefor no concrete deck is anticipated.

3. **QUESTION**

Detail 3 on drawing M3 suggests there are approx 25 tie rods to be repaired. The Price form shows 30. Which quantity is correct?

ANSWER

The correct quantity of tie-rods is 30 as indicated in the Unit Price Table. Use the existing drawing for reference only, noting change from indicated 25 tie-rods to 30.

4. QUESTION

For Northport, there seems to be a discrepancy between the Price form and the drawings. Indeed, item 10 in the Price form talks about 215 steel beams for a total of 700m² of steel plates to be installed. However, when looking at drawing M2, we calculate approximately 170 steel beams for a total of 462m² of steel to be installed. A similar discrepancy appears at item 9, where 86m³ is shown on the Price form, but the drawing indicates quantities closer to 64m³. Could you please confirm the quantities involved at Northport?

ANSWER

See revised Unit Price Table

5. QUESTION

Since there is concrete poured underwater and above water, how long must we heat the concrete for during the curing process?

ANSWER

In accordance with provisions/requirements of CSA A23.1/A23.2

6. QUESTION

Are there any tie rods to be repaired at Northport? If yes, how many are there and what is their elevation?

ANSWER

There are none to be repaired at this locations

7. QUESTION

Items 2 & 8 of the Price form are called «Demolition and removal». What exactly is to be demolished and removed?

ANSWER

Not applicable. See revised Unit Price Table.

8. QUESTION

Should the bottom plates be included in Items 3 & 9 (as part of the formwork) or in Items 4 & 10 (as part of the steel plates)?

ANSWER

Include concrete formwork bottom plates as part of Items 3 and 8.

9. QUESTION

What is the weight capacity on top of the Naufrage and Northport harbours?

ANSWER

This is unknown for present structural conditions. Original design deck loadings would have been expected to vary between 12 and 15 kN/m². Current capacity is not known.

10. QUESTION

Is it acceptable to weld the steel beams to the steel plates in the shop instead of on-site, as indicated on the drawings? This would provide better welding quality and save time.

ANSWER

This is acceptable.

11. QUESTION

Is it acceptable to weld the bottom plates to the steel plates in the shop instead of on-site, as indicated on the drawings? This would provide better welding quality and save time.

ANSWER

This is acceptable.

12. QUESTION

The drawings ask for the nelson stud strips to be welded on both sides and on their full length. A lot of time could be saved by welding 60mm on both sides of the strip and at each nelson stud location, which we believe would be as durable. Would that be acceptable?

ANSWER

This is acceptable.

13. QUESTION

On the drawings, 10mm fillet welds are requested between the steel beams and the steel plates. However, the steel beam flanges are less than 10mm thick. Would the welding suggested on Sketch #1 be acceptable? This welding arrangement would also reduce the risk of metal distortion.

ANSWER

Use 8mm fillet welds.

14. **QUESTION**

Should the prices provided in the Price form include all costs related to winter conditions? Since part of the work will be performed later in the spring, we thought it might be a good idea to create an item specifically for winter conditions.

ANSWER

All costs related to winter conditions should be included. No extra compensation will be considered at a later date for failure to include in submitted tender prices.

15. **QUESTION**

On drawing M3 section 4 it shows the new tie rods to be welded to the existing tie rod via a solid steel bar. What grade are the tie rods to be? Additionally, as per the tie rod manufacturer, when the rod is welded, it drastically weakens the strength of the bar. The manufacturer wants to ensure that this has been taken into account.

ANSWER

Drawing M3; section 4

The tie rod grade is 75.

Delete: New 38mm tie rod

Replace with: New 50mm tie rod.

The following changes in the tender documents are effective immediately. This addendum will form part of the contract documents.

SOLICITATION DOCUMENT**Request for Standing Offer**

Appendix 1 – Price Proposal Form:

Delete: Appendix 1 – Price Proposal Form

Replace with: Appendix 1 – Price Proposal Form below:

AMENDED**APPENDIX 1 - PRICE FORM (1 page)**

- 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.

	Specification Reference	Class of Labour, Plant or Material	Unit of Measurement	Estimated Quantity (EQ)	Price per Unit applicable tax(es) extra (PU)	Extended amount (EQ x PU) applicable tax(es) extra
		NAUFRAGE HARBOUR WORK 'A'				
1	01 10 10	Project layout and general requirements	LS	1		
2	01 74 21	Demolition and removal	LS	1		
3	03 30 00	Concrete infill (including rebar, shear studs & formwork)	CM	71		
4	05 50 00	Steel plates & splice plates (105 steel beam sections to be included in this unit price)	SM	400		
5	05 50 00	Tie rods repair (including excavation & reinstatement)	Each	30		
6	05 50 00	Ladders	Each	4		
		NORTHPORT HARBOUR WORK 'B'				
7	01 10 10	Project layout and general requirements	LS	1		
8	03 30 00	Concrete infill (including rebar, shear studs & formwork)	CM	60		
9	05 50 00	Steel plates & splice Plates (170 steel beam sections to be included in this unit price)	SM	475		
10	05 50 00	Ladders	Each	9		
TOTAL EXTENDED AMOUNT (TEA) Excluding applicable tax(es)						