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1550, Avenue d'Estimauville

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G1J 0C7

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

TPSGC-PWGSC

601-1550, Avenue d'Estimauville

Québec

Québec

G1J 0C7

Title - Sujet Const.Quai de la Reine section93&94	
Solicitation No. - N° de l'invitation EE517-191340/A	Amendment No. - N° modif. 009
Client Reference No. - N° de référence du client R.083401.001	Date 2019-01-17
GETS Reference No. - N° de référence de SEAG PW-\$QCM-018-17559	
File No. - N° de dossier QCM-8-41101 (018)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2019-01-25	Time Zone Fuseau horaire Heure Normale du l'Est HNE
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: Piras, Gabriel	Buyer Id - Id de l'acheteur qcm018
Telephone No. - N° de téléphone (418) 649-2870 ()	FAX No. - N° de FAX (418) 648-2209
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: Base de Québec 101 boul. Champlain Québec, QC G1K 7Y7	

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

Reconstruction of Wharfs 93 and 94, Quai de la Reine Quebec (Quebec) Amendment 009

Included in the present amendment:

1. Solicitation closing date extension
2. Question and answers 45 to 52
3. Modification # 5
4. Addendum #5

SOLICITATION CLOSING DATE EXTENSION

Solicitation closing date is extended from January 24, 2019, to **January 25, 2019**.

QUESTIONS AND ANSWERS

Question 45

On drawing C01 addendum #2, aside the stormwater pipe diam. 900 mm, the denomination should be "A-A-A" instead of "P-P-P".

Answer : You're right. The pipes between valve chamber on the water network must be read with the symbology « A-A-A ».

Question 46

We would like to know the RP-5 manhole dimension.

Answer : RP-5 : Diam. 1500 mm

Question 47

Please confirm, Detail 09 on drawing C06 « Connection chamber » is the existing connection chamber #1 CHR1 on drawing E01 and the detail is shown only for electrical duct connection.

Answer : Detail 09 on drawing C06 represents proposed access room for the electrical network. However, a detail have been submit with the addendum #2 (Sketch 0B-C-01) for the duct bank junction with the connection chamber #1.

Question 48

For the area with one (1) layer of asphalt, is it possible to know what is the kind of treatment is required: Milling, surface treatment, stripping, etc., to foresee the right scope of work for this area?

Answer : The one (1) layer asphalt areas must be treated as follow: cleaning, asphalt bonding agent and asphalt paving (surface layering).

Question 49

The D fenders, as shown in the drawings cannot be supplied, or installed in one piece, with the bend in the middle. Would two pieces, with a mitre joint where they join, be acceptable? If not, please provide a detail of a fender configuration that can be manufactured to suit.

Answer : Yes acceptable

Question 50

Regarding the bollards, spec section 1.5 .3 talks about certifications for "traction and resilience" per ASTM A781. We think they are referring to Charpy impact test, but not sure. If they are, we would need to have a specific requirement to meet. (.i.e. test temperature, energy absorption amount, typically in joules.). If it isn't Charpy impact test, please provide more information on what is expected.

Answer : Yes it is the Charpy impact test. Refer to addendum no 5

Question 51

I am organising prices for bidding contractors on the fender materials required for this project.

Is it possible for you to send me a copy of the sign-in sheet from the site visit/meeting held on December 12th?

Answer : We cannot release the name of the individuals who attended the visit. Here is the list of companies that attended the visit :

- EBC Inc.
- Construction Polaris
- Deric Construction
- Hamel Construction
- Pomerleau
- Nivem Habitations
- Lafontaine Inc.
- Construction Genix Inc.
- WSP

Question 52

Please confirm the number of rectifiers (complete with junction box, ship grounding and other components) to be supplied and installed?

Answer : There are 4 (four) rectifiers to supply and install. For other relevant information see drawings P01 / 10, P02 / 10, P03 / 10 and section 2.5 of the specifications.

Each rectifier has a junction box (see drawing P10 / 10).

For the number and location of ship grounding stations, corrosion coupons and rectifier negatives see drawing P09 / 10.

MODIFICATION # 5

The invitation to tender is amended as follows :

DELETE : APPENDIX 1 - COMBINED PRICE FORM, in its entirety.

INSERT : The APPENDIX 1 - COMBINED PRICE FORM (Revision 3) enclosed at the end of this document.

ADDENDUM #5

See the following electronic attachments :

- "PLANS Addenda 5 - Addendum 5.pdf" (ABES.PROD.PW_QCM.B018.B17559.ATTA008.PDF)
- "ADDENDUM 5 – ENG.pdf" (ABES.PROD.PW_QCM.B018.B17559.ATTA009.PDF)

ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED.

APPENDIX 1 - COMBINED PRICE FORM
Revision 3

- 1) The prices per unit will 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.

LUMP SUM

The Lump Sum Amount designates Work to which a Lump Sum Arrangement applies.

- (a) Work included in the Lump Sum Amount represents all work not included in the unit price table.

Item	Specification Reference	Class of Labour, Plant or Material
1	01 11 00	Construction site organization
2	01 11 00	Mobilization and demobilization
3	01 11 00	Demolition and land excavation
4	01 11 00	Concrete cope wall
5	01 11 00	Connections to the existing wharves
5.1	01 11 00	South connection
5.2	01 11 00	North connection
6	01 11 00	Structural Slab
6.1	01 11 00	Structural slab
6.2	01 11 00	Transition slab
7	01 11 00	MG-20 granular material
8	01 11 00	Geotextile
9	01 11 00	Cathodic protection elements
9.1	01 11 00	"Civil" elements
9.2	01 11 00	"Cathodic protection" elements
14	01 11 00	Tie-rods
14.1	01 11 00	Mobilization-demobilization of the drilling platform
21	01 11 00	ELECTRICAL
21.1	01 11 00	Electrical
22	01 11 00	MECHANICAL
22.1	01 11 00	Mechanical
23	01 11 00	STRUCTURE
23.1	01 11 00	Structure
24	01 11 00	COMMISSIONING
24.1	01 11 00	Commissioning
25	01 11 00	UNDERGROUND NETWORK
25.1	01 11 00	Demolition-Dismantling- Excavation
25.2	01 11 00	Drinkable water
25.3	01 11 00	Storm sewer
25.4	01 11 00	Duct bank
26	01 11 00	ROADWORKS
26.1	01 11 00	Pavement structure and reparation
LUMP SUM AMOUNT (LSA) Excluding applicable tax(es)		\$

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.

Item	Specification Reference	Class of Labour, Plant or Material	Estimated Quantity (EQ)	Unit of Measurement	Price per Unit applicable tax(s) extra (PU)	Extended amount (EQ x PU) applicable tax(s) extra
10	01 11 00	Tubular piles 1372 mm diameter				
10.1	01 11 00	Supply of piles of the combined wall (1,372 mmX19 mm))	3 200	m lin	\$	\$
10.2	01 11 00	Installation of piles of the combined wall (1,372 mmX19 mm)	3 200	m lin	\$	\$
11	01 11 00	Tubular piles 762 mm diameter				
11.1	01 11 00	Supply of piles (762mm x 15,9 mm)	400	m lin	\$	\$
11.2	01 11 00	Supply of piles (762mm x 12,7 mm)	2 805	m lin	\$	\$
11.3	01 11 00	Installation of pile (762 mm)	3 205	m lin	\$	\$
12	01 11 00	Sheet piles				
12.1	01 11 00	Supply of sheet piles	101	pairs	\$	\$
12.2	01 11 00	Installation of sheet piles	101	pairs	\$	\$
13	01 11 00	Rock socket				
13.1	01 11 00	Rock socket of the piles 1372 mm	102	Unit	\$	\$
13.2	01 11 00	Rock socket of the piles 762 mm	640	m lin	\$	\$
14	01 11 00	Tie-rods				
14.2	01 11 00	Supply of tie-rods including hardware	5 875	m lin	\$	\$
14.3	01 11 00	Installation of tie-rod – ground section	3 790	m lin	\$	\$
14.4	01 11 00	Installation of tie-rod – rock section including tensioning	1 810	m lin	\$	\$
14.5	01 11 00	Installation of semihorizontal tie-rods	275	m lin	\$	\$
14.6	01 11 00	Proof-test validation test	10	unit	\$	\$
15	01 11 00	Backfill				
15.1	01 11 00	Stone 20-200 mm	16 000	m ³	\$	\$
15.2	01 11 00	Clean stone 25 mm for the filling of the voids under the slab of transfer.	4 100	to	\$	\$
16	01 11 00	Dredging	8 080	m ³	\$	\$
17	01 11 00	Scouring mattress	3 710	m ²	\$	\$

Item	Specification Reference	Class of Labour, Plant or Material	Estimated Quantity (EQ)	Unit of Measurement	Price per Unit applicable tax(s) extra (PU)	Extended amount (EQ x PU) applicable tax(s) extra
18	01 11 00	Mooring device (bollard)	17	unit	\$	\$
19	01 11 00	Ladder	16	unit	\$	\$
20	01 11 00	Fenders				
20.1	01 11 00	Cylindrical fender	50	Unit	\$	\$
20.2	01 11 00	D fender (corner)	5	Unit	\$	\$
27	01 11 00	MISCELLANEOUS WORKS				
27.1	01 11 00	Asphalt	2710	m.t.	\$	\$
27.2	01 11 00	Exploration pit	5	un.	\$	\$
27.3	01 11 00	Additional 1st class excavation	100	m ³	\$	\$
27.4	01 11 00	Additional excavation	100	m ³	\$	\$
27.5	01 11 00	Geotextile	2000	m ²	\$	\$
27.6	01 11 00	Additional backfilling	100	m ³	\$	\$
27.7	01 11 00	Rigid insulation HI-60	100	m ²	\$	\$
27.8	01 11 00	Bloc joint	10	un.	\$	\$
28	01 11 00	ARCHEOLOGY (See specification - section 013543)				
28.1	01 11 00	Excavation by archeological level	100	h	\$	\$
28.2	01 11 00	Loss of time for archeological purposes	100	h	\$	\$
28.3	01 11 00	Work team relocation	5	un.	\$	\$
TOTAL EXTENDED AMOUNT (TEA) Excluding applicable tax(s)						\$

TOTAL BID AMOUNT

TOTAL BID AMOUNT (LSA +TEA) Excluding applicable tax(s)	\$
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