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11 Laurier St. / 11, rue Laurier

Place du Portage, Phase III

Core 0B2 / Noyau 0B2

Gatineau

Québec

K1A 0S5

Bid Fax: (819) 997-9776

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

**Marine Machinery and Services / Machineries et
services maritimes**

11 Laurier St. / 11, rue Laurier

6C2, Place du Portage

Gatineau

Québec

K1A 0S5

Title - Sujet Waterway Barriers	
Solicitation No. - N° de l'invitation EP168-171841/B	Amendment No. - N° modif. 002
Client Reference No. - N° de référence du client 20171841	Date 2017-11-17
GETS Reference No. - N° de référence de SEAG PW-\$\$ML-054-26485	
File No. - N° de dossier 054ml.EP168-171841	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2017-12-13	Time Zone Fuseau horaire Eastern Standard Time EST
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: Figueredo, Laila	Buyer Id - Id de l'acheteur 054ml
Telephone No. - N° de téléphone (819) 420-2904 ()	FAX No. - N° de FAX () -
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

Amendment 002 is raised to extend the solicitation closing date and provide the questions and answers from the optional site visit, November 7 & 8, 2017; as follows:

On the cover page, extend the Solicitation Closing Date:

DELETE: in its entirety

REPLACE with: 2:00 p.m. EST, December 13, 2017

Q & A Optional Site Visit

Portage Dam

Q1 How many channels do we need to secure?

A1 There are two channels at the Portage Dam site: the channel leading to the Okikendawt Generating Station (north of the Portage Dam), and the Portage Channel. The Okikendawt Generating Station Channel is not a part of this project; only the Portage Channel needs to be secured at this location.

Q2 I noticed the specifications show a small mound or spit of land where PSPC desires to have the left shore anchor placed. Do we know what this land consists of?

A2 PSPC does not have information on what type of material makes up this spit of land. Ultimately, the contractor will be responsible for making the decision of which type of rock anchor to use, and how to install said anchor.

Q3 What is the current flowrate (at the time of the job showing) at the Portage Dam?

A3 The flowrate at the time of the job showing was approximately 160cubic metres per second. The flowrate can significantly exceed this flowrate, however for the design of the booms buoys and anchors, please refer to the Terms of Reference and the site conditions that are given therein (specifically, Annex A, Table 3 in section 3.7).

Q4 I noticed there are already independent concrete anchors on-site which are being used for the old booms, can we re-use these?

A4 See Annex A, Table 4 in section 4.1.7: "Contractor may re-locate and re-use one or more of the existing concrete block anchors."

Q5 Are the booms left in-water all year long?

A5 Section Annex A, 4.2.1 states:

1. Provide warning buoys integral to waterway barrier that also act to provide intermediate anchorage for the waterway barrier.
2. Unlike the waterway barrier which will be removed for winter, the integral buoys will remain in place year-round. Hence, each integral buoy is to have its own ground anchor sized for this purpose. PSPC currently expects that the anchors will be concrete blocks (gravity anchors); however, other anchor types may be acceptable if Contractor can demonstrate that these are suitable for the bottom conditions.
3. Design buoys and their chains and anchors to remain in place all year, including ice conditions.

Q6 What are the ice conditions or debris seen on-site?

A6 See Annex A, table 3 in section 3.7 for Environmental Conditions.

Q7 Why are we bringing the existing boom line further upstream?

A7 Bringing the boom line further upstream will create safer conditions for boaters. Where the current boom-line is placed, due to the riverbed gradient, the water flows quicker there than in areas further upstream. Bringing the boom line further upstream will also be more visually noticeable and will be more in line with the Okikendawt GS boom line.

Q8 Are there any bid bonds associated with this project?

A8 No, there are no performance / bid bonds required through this project.

Q9 Do we need booms and buoys at all locations?

A9 Please refer to the Statement of Requirements, Annex A, for all of these details. Specifically, Annex A, Table 1 in section 1.1 provides a good summary of what is required.

Q10 Can we extend the deadline for the bid closing?

A10 A Bidder may request an extension to the bid closing date by sending the request in writing via email to the Contracting Authority.

Q11 Do we need to use the same Buoy as shown in the Statement of Requirements?

A11 See Annex A, section 4.2 for all details on buoy design.

Big Chaudière Dam

Q12 Where do you want the new buoys?

A12 Annex A, Section 9.6, figure 18, shows a good example of the approximate location where PSPC would like the new booms to be placed.

Q13 How do we access the right shoreline?

A13 Note Annex A, section 9.1, table 7, gives details regarding access at all the sites. Specifically, for the right shore at Big Chaudière, the table states: "Not really possible except by foot and with great difficulty through heavy bush."

Q14 What are the river bottom conditions?

A14 Annex A, Section 4.2.4.1 gives the expected river bottom conditions at all the sites. Note that PSPC cannot confirm that the above match current riverbed conditions.

Q15 Is there a specific anchor point be asked for?

A15 See Annex A, section 4.1.7 for details on end anchorage location and placement.

Little Chaudière (site not visited)

Q16 How do we access Little Chaudière?

A16 This site can only be accessed by water. See Annex A, Statement of Requirements for details on travel time and locations where boat or barge can be launched. Note Annex A, section 9.1 which states: "Contractor must make all arrangements to use marinas and boat ramps as required for boat access, including purchase of all permits as required."

Latchford

Q17 Are there any requirements regarding purchasing a product from Canada vs USA or another country?

A17 No, this solicitation is open and competitive and is not subject to Canadian Content policy. However, all technical requirements must be adhered in accordance with the Statement of Work including any Canadian requirements / regulations.

Q18 What if we determine a different number of buoys, for example, than is stated in the Statement of Requirements?

A18 If the Bidder determines a different number of buoys are required than is stated in the Statement of Requirements, please advise the Contracting Authority in writing via email about the discrepancy, and it will be reviewed by Canada for clarification.

Timiskaming Dam Complex

Q19 Since Timiskaming Dam spans both Ontario and Quebec provinces, must the Contractor obtain work permits from both provinces?

A19 The obtaining of permits at the Provincial level is the responsibility of the Contractor, and Canada will not direct the Contractor in doing so. Instead, the Contractor should contact the Authority Having Jurisdiction (AHJ) in order to determine what permits are needed. Canada notes that since the work spans two provinces (Ontario and Quebec), that the Contractor must be compliant with the rules for both provinces.

Q20 Are we responsible for disposing of the old booms and chains?

A20 Yes. Annex A, Section 5.3.3 states: "Dispose of existing waterway barrier chains and floats in accordance with applicable Canadian environmental regulations. Existing shore anchors do not need to be removed."

Q21 What locations do we have access to in order to launch a boat or barge?

A21 See Annex A, table 7 of section 9.1 for access details at all our dams. Note also that: "Contractor must make all arrangements to use marinas and boat ramps as required for boat access, including purchase of all permits as required."

ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED.