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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 IML - Syst pompage d'eau de mer	
Solicitation No. - N° de l'invitation EE519-170902/A	Amendment No. - N° modif. 003
Client Reference No. - N° de référence du client EE519-170902	Date 2016-10-05
GETS Reference No. - N° de référence de SEAG PW-\$QCW-028-16866	
File No. - N° de dossier QCW-6-39161 (028)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2016-10-13	
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: Simoneau, Steve	Buyer Id - Id de l'acheteur qcw028
Telephone No. - N° de téléphone (418) 649-2816 ()	FAX No. - N° de FAX (418) 648-2209
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: Institut Maurice Lamontagne, Mont-Joli, Québec	

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 003

Title : Maurice-Lamontagne Institute – Modification to the Raw and Filtered Sea Water Pumping Systems

Included in the present amendment:

1. Questions and answers 19 to 22
 2. Addendum #2
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1. QUESTIONS AND ANSWERS 19 TO 22

Question 19: In Addendum 1, the answer to question 14 states that the concrete formworks in the water intake may remain after construction. Are there any constraints, operational or otherwise (fasteners or anchors in the forms, etc.), that should be taken into consideration if this option is elected?

Answer 19: The material in contact with the concrete (plywood or steel plates) may remain. However, the devices used to support the forms will have to be removed so that they will not hinder backwash and the cleaning of the inflow pipes.

Question 20: Regarding work outside the buildings (water intake and new access for pipe cleaning), is an excavator with biodegradable oil required? If so, in which circumstances is it to be used?

Answer 20: If the excavator is used where the recurrence interval of the natural high water mark ranges between 0 and 2 years, the excavator must be operated with biodegradable oil. Construction at the water intake and where the new access for pipe cleaning will be built will take place in an area where the recurrence interval of the natural high water mark does range between 0 and 2 years.

Question 21: What type of finish for stainless steel, it seems it's not specified in the plans and specifications.

Answer 21: When it is not indicated, provide 316SS stainless steel.

Question 22: For the ventilation division of the project, we need to make a 316 stainless steel ventilation distribution attached to a fan. According to the specifications, the desired finish for the ducts is the #4. This finish is the most expensive, not in stock at most suppliers of ducts and fittings and is very difficult to handle (it must constantly keep the protective film in the works). Could a #2B finish be accepted?

Answer 22: The finish #4 will be replaced by the finish #2B, refer to the attached Addendum 2.

2. ADDENDUM #2

See following pages

ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED.

2.3 TAPE

- .1 Tape: polyvinyl treated, open weave fiberglass tape, 50 mm wide.

2.4 DUCT LEAKAGE

- .1 In accordance with SMACNA HVAC Air Duct Leakage Test Manual.

2.5 FITTINGS

- .1 Fabrication: to SMACNA.
- .2 Radiused elbows.
 - .1 Rectangular: standard radius or short radius with double thickness turning vanes
Centreline radius: 1.5 times width of duct.
 - .2 Round: smooth radius five piece. Centreline radius: 1.5 times diameter.
- .3 Mitred elbows, rectangular:
 - .1 To 400 mm: with double thickness turning vanes.
 - .2 Over 400 mm: with double thickness turning vanes.
- .4 Transitions:
 - .1 Diverging: 20 degrees maximum included angle.
 - .2 Converging: 30 degrees maximum included angle.

2.6 STAINLESS STEEL

- .1 To ASTM A 480/A 480M, Type 316.
- .2 Finish: No. 2B.
- .3 Thickness, fabrication and reinforcement: to ASHRAE and SMACNA.
- .4 Joints: to ASHRAE and SMACNA be continuous inert gas welded.

2.7 HANGERS AND SUPPORTS

- .1 Hangers and Supports: in accordance with Section 23 05 29 - Hangers and Supports for HVAC Piping and Equipment.
 - .1 Strap hangers: of same material as duct but next sheet metal thickness heavier than duct.
 - .1 Maximum size duct supported by strap hanger: 500.
 - .2 Hanger configuration: to ASHRAE and SMACNA.
 - .3 Hangers: black stainless galvanized steel angle with stainless steel rods to ASHRAE and SMACNA:
 - .4 Upper hanger attachments:
 - .1 For concrete: manufactured concrete inserts.
 - .2 For steel joist: manufactured joist clamp, steel plate washer.
 - .3 For steel beams: manufactured beam clamps: