

RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:
Bid Receiving - PWGSC / Réception des soumissions
- TPSGC
11 Laurier St./11 rue Laurier
Place du Portage, Phase III
Core 0A1 / Noyau 0A1
Gatineau, Québec K1A 0S5

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

This document contains a security requirement./
Ce document contient une exigence en matière de sécurité.

Vendor/Firm Name and Address

Raison sociale et adresse du
fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution

Construction Services Division/Division des services de
construction
11 Laurier St./11 Rue Laurier
3C2, Place du Portage
Phase III
Gatineau, Québec K1A 0S5

Title - Sujet Tunnel Distribution System - CHP -	
Solicitation No. - N° de l'invitation EJ192-150871/A	Amendment No. - N° modif. 005
Client Reference No. - N° de référence du client 20150871	Date 2014-12-23
GETS Reference No. - N° de référence de SEAG PW-\$\$\$FG-356-66162	
File No. - N° de dossier fg356.EJ192-150871	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2015-01-08	Time Zone Fuseau horaire Eastern Standard Time EST
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Lagacé, Hélène	Buyer Id - Id de l'acheteur fg356
Telephone No. - N° de téléphone (819) 956-0060 ()	FAX No. - N° de FAX (819) 956-8335
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: Tunnel Distribution System/ Système de distribution en Tunnel 501 Chemin Heron Road Ottawa, Ontario	

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

Solicitation No. - N° de l'invitation

EJ192-150871/A

Amd. No. - N° de la modif.

005

Buyer ID - Id de l'acheteur

fg356

Client Ref. No. - N° de réf. du client

20150871

File No. - N° du dossier

fg356EJ192-150871

CCC No./N° CCC - FMS No/ N° VME

This amendment is raised to issue Addendum No. 2.

All other terms and conditions remain unchanged.

R.059696.004

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

SPECIFICATIONS

- 1 DELETE IN ITS ENTIRETY SECTION 23 05 05 ITEM 3.9 PRESSURE TESTING OF EQUIPMENT AND PIPE WORK. AND REPLACE WITH THE FOLLOWING:**

3.9 PRESSURE TESTING OF EQUIPMENT AND PIPEWORK

- .1 Advise Departmental Representative 48 hours minimum prior to testing.
- .2 Pipework: test as specified in relevant sections of heating, ventilating and air conditioning work.
- .3 Provide radiographic inspection on 20% of welds on Medium Temperature hot water piping as selected by Departmental Representative. Provide magnetic particle testing on 20% of welds on Chilled Water piping as selected by departmental representative. Submit report for review and approval prior to installation of insulation.
- .4 Conduct tests in presence of Departmental Representative.
- .5 Pay costs for repairs or replacement, retesting, and making good. Departmental Representative to determine whether repair or replacement is appropriate. Failure of any single test will result in 100% testing of that welder's work. All welds are to be stamped by the welder responsible.
- .6 Insulate or conceal work only after approval and certification of tests by Departmental Representative.

- 2 DELETE SECTION 23 05 17 ITEM 3.5 IN ITS ENTIRETY AND REPLACE WITH THE FOLLOWING:**

3.5 SPECIALIST EXAMINATIONS AND TESTS

- .1 General:
 - .1 Perform examinations and tests by specialist qualified to CSA W178.1 and CSA W178.2 and approved by Departmental Representative.
 - .2 To ANSI/ASME Boiler and Pressure Vessels Code, Section V, CSA B51 and requirements of Authority Having Jurisdiction.
 - .3 Inspect and test 20% of welds as selected by Departmental Representative in accordance with "Inspection and Test Plan" by non-destructive visual examination, magnetic particle testing and full gamma ray radiographic (hereinafter referred to as "radiography") tests.

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- .2 20% of welds on Medium Temperature Hot Water piping shall be examined via radiographic inspection (x-ray) and 20% of welds on Chilled Water piping shall be examined via magnetic particle testing determined at random by departmental representative.
- .3 Visual examinations: include entire circumference of weld externally and wherever possible internally.
- .4 Failure of visual examinations:
 - .1 Upon failure of welds by non-destructive testing, visual examination, perform additional testing as directed by Departmental Representative of all welds by welder responsible.
- .5 Full radiographic tests for MTHW piping systems.
 - .1 Radiograph over full circumference up to 20% of welds for MTHW piping systems selected at random by Departmental Representative.
 - .2 Radiographic film:
 - .1 Identify each radiographic film with date, location, name of welder, and submit to Departmental Representative. Replace film if rejected because of poor quality.
 - .3 Interpretation of radiographic films:
 - .1 By qualified radiographer.
 - .4 Failure of radiographic tests:
 - .1 Upon failure of welds by non-destructive testing, perform additional testing as directed by Departmental Representative of all welds by welder responsible.
- .6 Magnetic particles testing for Chilled Water piping systems.
 - .1 Perform Magnetic particles testing of up to 20% of welds for HTHW piping systems selected at random by Departmental Representative from welds which would be most difficult to repair in event of failure after system is operational.
 - .2 Report shall be submitted by persons qualified in magnetic particle testing for review by departmental representative.
 - .3 Failure of Magnetic Particle tests:
 - .1 Upon failure of welds by non-destructive testing, perform additional testing as directed by Departmental Representative of all welds by welder responsible.

3 **DELETE SECTION 23 05 17 ITEM 3.6.2.6. IN ITS ENTIREITY AND REPLACE WITH THE FOLLOWING:**

3.6.2.6 Repair defects whose depth cannot be determined accurately on basis of visual examination, radiographic tests or magnetic particle.

4 **DELETE SECTION 23 05 17 ITEM 3.6.3. IN ITS ENTIREITY AND REPLACE WITH THE FOLLOWING:**

3.6.3 Failure to meet radiographic or magnetic particle test requirements.

5 **DELETE SECTION 23 05 23.01 ITEM 2.1.4.1.4. IN ITS ENTIRETYAND REPLACE WITH THE FOLLOWING:**

Delete reference to hydrostatic pressure testing.

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**DELETE SECTION 23 05 23.01 ITEM 2.1.5 BUTTERFLY VALVES IN ITS ENTIRETY AND
REPLACE WITH THE FOLLOWING:**

2.1.5 Butterfly Valves:

- .1 NPS 2 1/2 through NPS 6, 1965 kPa shut off pressure with flanged Lug style ends.
 - .1 Body: ductile Iron, Lug style.
 - .2 Disc: Stainless steel 416
 - .3 Shaft: Stainless Steel 416
 - .4 Seat: EPT
 - .5 Operator: lever or hand wheel.
- .2 NPS 8 and above, 1965 kPa shut off pressure with flanged Lug style ends
 - .3 Body: ductile Iron, Lug style.
 - .4 Disc: Stainless steel 416
 - .5 Shaft: Stainless Steel 416
 - .6 Seat: EPT
 - .7 Operator: Gear operated with hand wheel.

END OF ADDENDUM NO. 2