

**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 0B2 / Noyau 0B2  
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**  
CE DOCUMENT COMPORTE DES EXIGENCES  
RELATIVES À LA SÉCURITÉ/THIS DOCUMENT  
CONTAINS A SECURITY REQUIREMENT

**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

<b>Title - Sujet</b> CD Howe Aménagement/Refit	
<b>Solicitation No. - N° de l'invitation</b> EP067-151357/A	<b>Amendment No. - N° modif.</b> 007
<b>Client Reference No. - N° de référence du client</b> 20151357	<b>Date</b> 2015-01-30
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$\$\$FG-340-66468	
<b>File No. - N° de dossier</b> fg340.EP067-151357	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> <b>on - le 2015-02-10</b>	
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input checked="" type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Brouillet, Richard	<b>Buyer Id - Id de l'acheteur</b> fg340
<b>Telephone No. - N° de téléphone</b> (819) 956-0457 ( )	<b>FAX No. - N° de FAX</b> (819) 956-8335
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b> Édifice CD Howe/ CD Howe Building 235 rue Queen Street Ottawa, ON K1A 0H5	

**Instructions: See Herein**

**Instructions: Voir aux présentes**

<b>Delivery Required - Livraison exigée</b>	<b>Delivery Offered - Livraison proposée</b>
<b>Vendor/Firm Name and Address</b> Raison sociale et adresse du fournisseur/de l'entrepreneur	
<b>Telephone No. - N° de téléphone</b> <b>Facsimile No. - N° de télécopieur</b>	
<b>Name and title of person authorized to sign on behalf of Vendor/Firm</b> <b>(type or print)</b> <b>Nom et titre de la personne autorisée à signer au nom du fournisseur/</b> <b>de l'entrepreneur (taper ou écrire en caractères d'imprimerie)</b>	
<b>Signature</b>	<b>Date</b>

Solicitation No. - N° de l'invitation

EP067-151357/A

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

20151357

Amd. No. - N° de la modif.

007

File No. - N° du dossier

fg340EP067-151357

Buyer ID - Id de l'acheteur

fg340

CCC No./N° CCC - FMS No/ N° VME

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**AMENDMENT 7 IS RAISED TO ATTACH SECTION 26 12 16.01 & FOR THE EXTENSION TO  
BID CLOSING DATE**

Please note that the tender closing date for this project is hereby EXTENDED from  
**February 3, 2015 at 2:00 p.m. to February 10, 2015 at 2:00 p.m.**

**All other terms and conditions remain unchanged.**

**PART 1 - GENERAL**

- 1.1 RELATED REQUIREMENTS .1 Section 26 05 00 - Common Work Results for Electrical.
- 1.2 REFERENCES .1 CSA International.
- 1.3 ACTION AND INFORMATIONAL SUBMITTALS .1 Submit in accordance with Section 01 33 00 - Submittal Procedures.  
.2 Product Data:  
.1 Submit manufacturer's instructions, printed product literature and data sheets for dry type transformers and include product characteristics, performance criteria, physical size, finish and limitations.
- 1.4 CLOSEOUT SUBMITTALS .1 Submit in accordance with Section 01 78 00 - Closeout Submittals.  
.2 Operation and Maintenance Data: submit operation and maintenance data for dry type transformers for incorporation into manual.
- 1.5 DELIVERY, STORAGE AND HANDLING .1 Deliver, store and handle materials in accordance with Section 01 61 00 - Common Product Requirements and with manufacturer's written instructions.  
.2 Delivery and Acceptance Requirements: deliver materials to site in original factory packaging, labelled with manufacturer's name and address.  
.3 Storage and Handling Requirements:  
.1 Store materials in dry location and in accordance with manufacturer's recommendations in clean, dry, well-ventilated area.  
.2 Store and protect dry type transformers from nicks, scratches, and blemishes.  
.3 Replace defective or damaged materials with new.

**PART 2 - PRODUCTS**

- 2.1 DESIGN DESCRIPTION .1 Design 1.  
.1 Type: ANN.  
.2 3 phase, 600 V input, 120/208 V output, 60 Hz, kVA as indicated.  
.3 Voltage taps: standard.  
.4 Insulation: Class H, 150 degrees C temperature rise.  
.5 Basic Impulse Level (BIL): standard.  
.6 Hipot: standard.  
.7 Average sound level: standard  
.8 Impedance at 17 degrees C: standard  
.9 Enclosure: CSA, removable metal front panel.  
.10 Mounting: floor or wall as indicated.  
.11 Finish: in accordance with Section 26 05 00 - Common Work Results for Electrical.
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- 2.1 DESIGN DESCRIPTION (Cont'd) .1 (Cont'd)
- .12 Copper windings.
  - .13 Winding configuration to be as noted on drawings.
  - .14 Harmonic Mitigating Phase Shifting transformers as indicated on drawings.
  - .15 KL-Rated Transformers as indicated on drawings.
  - .16 Voltage Regulation to be 4% or better.
- 2.2 EQUIPMENT IDENTIFICATION .1 Provide equipment identification in accordance with Section 26 05 00 - Common Work Results for Electrical.
- .2 Label size: 7.
  - .3 Nameplate wording: wording to site standard.

**PART 3 - EXECUTION**

- 3.1 EXAMINATION .1 Verification of Conditions: verify that conditions of substrate previously installed under other Sections or Contracts are acceptable for dry type transformers installation in accordance with manufacturer's written instructions.
- .1 Visually inspect substrate in presence of Departmental Representative.
  - .2 Inform Departmental Representative of unacceptable conditions immediately upon discovery.
  - .3 Proceed with installation only after unacceptable conditions have been remedied and after receipt of written approval to proceed from Departmental Representative.
- 3.2 INSTALLATION .1 Mount dry type transformers up to 75 kVA as indicated.
- .2 Mount dry type transformers above 75 kVA on floor or as indicated.
  - .3 Ensure adequate clearance around transformer for ventilation.
  - .4 Install transformers in level upright position.
  - .5 Remove shipping supports only after transformer is installed and just before putting into service.
  - .6 Loosen isolation pad bolts until no compression is visible.
  - .7 Make primary and secondary connections in accordance with wiring diagram.
  - .8 Energize transformers after installation is complete.
  - .9 Make conduit entry into bottom 1/3 of transformer enclosure.
- 3.3 CLEANING .1 Progress Cleaning: clean in accordance with Section 01 74 11 - Cleaning.
- .1 Leave Work area clean at end of each day.
- .2 Final Cleaning: upon completion remove surplus materials, rubbish, tools and equipment in accordance with Section 01 74 11 - Cleaning.
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