

**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>Time Zone</b> <b>Fuseau horaire</b> Eastern Standard Time EST
<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> <b>Raison sociale et adresse du fournisseur/de l'entrepreneur</b>	
<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

Amd. No. - N° de la modif.

007

Buyer ID - Id de l'acheteur

fg340

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

20151357

File No. - N° du dossier

fg340EP067-151357

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.

<u>2.1 DESIGN DESCRIPTION (Cont'd)</u>	.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.
<u>2.2 EQUIPMENT IDENTIFICATION</u>	.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**

<u>3.1 EXAMINATION</u>	.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.
<u>3.2 INSTALLATION</u>	.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.
<u>3.3 CLEANING</u>	.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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| <u>3.3 CLEANING</u><br><u>(Cont'd)</u> | .3 | Waste Management: separate waste materials for reuse and recycling in accordance with Section 01 74 21 - Construction/Demolition Waste Management and Disposal. |
|  | .1 | Remove recycling containers and bins from site and dispose of materials at appropriate facility.  |
| <hr/>                                  |    |   |
| <u>3.4 PROTECTION</u>                  | .1 | Protect installed products and components from damage during construction.  |
|  | .2 | Repair damage to adjacent materials caused by dry type transformers installation.   |