



**RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:**

PWGSC/TPSGC Acquisitions Bid
Receiving/Réception des Soumissions
Sherwood Business Centre
161 St. Peters Road/
161, rue St. Peters
2nd Floor, Suite 204/
2ième étage, pièce 204
Charlottetown
Prince Edward Island
C1A 5P7

**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
Commercial Acquisitions (PEI)
Sherwood Business Centre
161 St. Peters Road/
161, rue St. Peters
2nd Floor, Suite 204/
2ième étage, pièce 204
Charlottetown
Prince Ed
C1A 5P7

Title - Sujet Electrical Switch Replacement	
Solicitation No. - N° de l'invitation ED001-192698/A	Amendment No. - N° modif. 002
Client Reference No. - N° de référence du client ED001-192698	Date 2019-02-18
GETS Reference No. - N° de référence de SEAG PW-\$PWC-023-4401	
File No. - N° de dossier PEI-8-41105 (023)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2019-02-21	
Time Zone Fuseau horaire Atlantic Standard Time AST	
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: Ellis-Herring, Alison	Buyer Id - Id de l'acheteur pwc023
Telephone No. - N° de téléphone (902) 314-1061 ()	FAX No. - N° de FAX (506) 636-4376
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

This Solicitation Amendment No. Two (2) is raised to include the following addendum no. 2.

The following addendum to the tender documents is effective immediately. This addendum shall form part of the contracts documents.

All other terms and conditions remain the same.

ADDENDUM No. 2

1. INVITATION TO TENDER DOCUMENT – BID AND ACCEPTANCE FORM

DELETE BA06 – Construction Time in its entirety **AND REPLACE WITH** the following:

BA06 – CONSTRUCTION TIME

The Contractor must perform and complete the Work by June 30, 2019.

2. QUESTIONS AND ANSWERS

1. After existing feeders are disconnected, is there any requirement to test the cables before re-terminating?

Response:

Circuits are to be Meggered before reconnecting. If the cable cannot be Meggered safely due to the connected loads, check resistance to ground before reconnection.

2. Where is the cat6 cable from the switchgear terminating in the maintenance office? To a communications rack?
To the meter monitor computer? To a surface data outlet?

Response:

Reference Drawing E1: Clarification: Cat 6 Data cable from Main Incomer T1 to terminate on a surface mount data jack in the maintenance office and the internal switch in the switchgear referred to in Specification 26 24 02 Section 2.3.4.

3. Should there be two cat 6 cables running to the maintenance office (one from each bus metering)?

Response:

Only one cable is required as the two meters connect to a switch in the switchgear per Specification 26 24 02 Section 2.3.4.

4. Is the "alarm" and "points" wiring to each bus metering being re-used (disconnected / reconnected)?

Response:

Reference Drawing E5: Clarification: "Alarm" and "Points" connections shown to the Bus N1 and N2 meters are connections to the BMS as listed in Specification 26 24 02 Section 2.6 BMS Connection. The wiring may be extended if required.

5. Is the temporary genset able to be set-up just outside the building, near the load bank connection point?

Response:

Generator can be setup close to the load bank connection. Assume approx. 10m of cable per phase of connection cable.

6. Can the type of connection at the load bank connection point be confirmed?

Response:

Load bank connection is an external enclosure on the outside of the building with terminals for connection.

7. Panel 'NE1-P13' appears to be the closest 120V emergency panel to feed the Ethernet/switch. Please advise if there is not adequate space, and we will be required to use a different panel.

Response:

Ethernet Switch power to be run to Emergency Panel NE1-P13.

8. What type of panel is 'NE1-P13'?

Response:

Panel is a Siemens 100A, 24cct panel and appears to have a spare breaker to use. Contractor to verify that there is a spare breaker before running conduit and cable.

9. Can a panel be identified that can be used to provide single phase 120/240 VAC 100A shore power to the temporary generator?

Response:

Contractor to investigate auxiliary power for generator and temporary power for construction use during first investigative shutdown.

10. Can you confirm that no controls wiring will be required between the temporary generator and any equipment inside the building?

Response:

No control wiring is needed as contractor personnel will be on site during the shutdown while the generator is running.

11. Are we able to use an existing emergency panel for temporary power?

Response:

Contractor to investigate auxiliary power for generator and temporary power for construction use during first investigative shutdown.

12. The initial shutdown for investigation of the switchgear will need to occur approximately 10 weeks prior to the replacement shutdown work. We will be required to bring the temporary generator to site for this weekend, send it away for two months, and then bring it back again. If we are able to use the existing generator for the 4-6 hours of the initial shutdown, this would save the owner a considerable amount of rental/set-up/delivery costs.

Response:

Contractor can use the facilities emergency generator during this initial shutdown.

13. Please confirm that the Owner will be paying for any third party commissioning.

Response:

Third Party Commissioning Agent in this project will be appointed by and funded by the Departmental Representative.

14. Can you confirm the requirement in the specification for the coordination study and arc flash? This would require feeder lengths of all the existing feeders throughout the building.

Response:

Change Section 3.5 to Read:

Provide a Short-Circuit and Protective Device Coordination Study from the Utility connection to the 600 V distribution level (Protection for the feeders leaving the upgraded main switchboard only). TCC curves to show coordination on log-log graph at the 600 V level.

Ensure circuit protective devices such as overcurrent trips, relays and fuses are installed to required values and settings as indicated in the Protective Device Coordination Study.

Provide an Arc-Flash Analysis in conjunction with the Protective Device Coordination Study to determine the arc flash boundary and personnel protective equipment requirements for the upgraded switchboard only in accordance with the latest adopted CSA Z-462. Provide warning labels to suit.