



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

PWGSC/TPSGC Acquisitions
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
Bid Fax: (902) 566-7514

**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
Public Works and Government Services Canada
Sherwood Business Centre
161 St. Peters Road/
2nd Floor, Suite 204
Charlottetown
Prince Ed
C1A 5P7

| | |
|---|--|
| Title - Sujet Const. Fire Pump Bldg-Green Gables | |
| Solicitation No. - N° de l'invitation ED001-202970/A | Amendment No. - N° modif. 003 |
| Client Reference No. - N° de référence du client ED001-202970 | Date 2020-04-07 |
| GETS Reference No. - N° de référence de SEAG PW-\$PWC-033-4500 | |
| File No. - N° de dossier PWC-9-42062 (033) | CCC No./N° CCC - FMS No./N° VME |
| Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2020-04-16 | |
| Time Zone Fuseau horaire Atlantic Daylight Saving Time ADT | |
| 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: Young (PWC), Leesa | Buyer Id - Id de l'acheteur pwc033 |
| Telephone No. - N° de téléphone (506) 871-1716 () | FAX No. - N° de FAX (506) 851-6759 |
| 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. 003

Title: Fire Protection and Emergency Power Building and System
Parks Canada Green Gables (Phase 4)
Cavendish, Queen's County, PEI

The following amendment to the tender documents is effective immediately. This amendment shall form part of the contract documents. All other terms and conditions remain the same.

IMPORTANT NOTICE: 2020-04-07

If you must hand deliver your bid (yourself or via courier), please note the reduced hours for bid receiving:

Charlottetown - open: Monday to Thursday, 8am to 2pm - closed on Fridays

Due to the COVID-19 situation, all public tender openings are suspended until further notice. Bid results will be recorded on the bid results line; the phone number is indicated in the Invitation to Tender. Bidders can continue to hand-deliver their tenders, however, please monitor Buyandsell.gc.ca closely as changes to bid closing dates and bid delivery locations may be necessary. Thank you for your understanding.

(1) This solicitation is hereby amended to revise the following:

Reference: **Closing date appearing of page one of the solicitation document**
DELETE the closing date of **2020-04-14**; and
INSERT the revised closing date of **2020-04-16**.

(2) This solicitation is hereby amended to add the following:

- Add in section 26 32 13 2.10 .3: MTU Onsite energy
- Add the spec section 26 24 02 (attached) to Division 26.

(3) This solicitation is hereby amended to provide the following questions and answers:

Q10: Detail 5/A05 and Detail2/A05 – What is the size and spacing for the anchor bolts required for the two buildings?

R10: Anchor bolts should be 13mm diameter at no more than 600mm O.C.

Q11: Are there any housekeeping pads required in the generator building?

R11: Provide housekeeping pads for the following electrical equipment:

- Generator Building - new switchboard and the new isolation transformer.
 - Welcome center maintenance room – new ATS-1.
- See attached SSK-001 for housekeeping pad detail

All other terms and conditions of the solicitation document remain unchanged remain unchanged.

All enquiries concerning this amendment are to be forwarded to:

Name: Leesa Young
Telephone No: (506) 871-1716
Facsimile No: (506-851-6759
Email: leesa.young@pwgsc-tpsgc.gc.ca

Part 1 General

1.1 SHOP DRAWINGS AND PRODUCT DATA

- .1 Submit shop drawings and product data in accordance with Section 01 33 00 - Submittal Procedures.
- .2 Indicate on shop drawings.
 - .1 Floor anchoring method and foundation template.
 - .2 Dimensioned cable entry and exit locations.
 - .3 Dimensioned position and size of bus.
 - .4 Overall length, height and depth.
 - .5 Dimensioned layout of internal and front panel mounted components.
- .3 Include time-current characteristic curves for circuit breakers and fuses.

1.2 RELATED SECTIONS

- .1 Section 26 28 21 - Moulded Case Circuit Breakers.

1.3 REFERENCES

- .1 ANSI/IEEE C62.41.1-2002, Guide on the Surge Environment by Low-Voltage (1000V or less) AC Power Circuits.
- .2 ANSI/IEEE C62.41.2-2002, Recommended Practice on Characterization of Surges in Low Voltage (1000V or less) AC Power Circuits.
- .3 UL 1283-2015, Electromagnetic Interference Filters.

1.4 MAINTENANCE DATA

- .1 Provide maintenance data for service entrance board for incorporation into manual specified in Section 01 78 00 - Closeout Submittals

1.5 MAINTENANCE MATERIALS

- .1 Include manufacturer recommended maintenance materials in accordance with Section 01 78 00 - Closeout Submittals.

Part 2 Products

2.1 SWITCHBOARD DISTRIBUTION SECTION

- .1 Distribution breaker section rating: 208 V, 3 phase, 4 wire; amperage as indicated; manufacturer's standard short circuit rating but not less than rating as indicated.
- .2 Enclosure: free-standing, dead front, front access only, maximum 610mm deep, provision for addition of future distribution sections where indicated. CSA Type 1 enclosure with drip shield unless otherwise indicated.
- .3 Hinged access panels with captive knurled thumb screws.
- .4 Bus bars and main connections: tin-plated or silver flashed 99.3% copper.
- .5 Identify bus bars with phase colour coding.
- .6 Incoming and outgoing lugs with ranges accommodating conductor type and sizes as indicated. Minimum 75C lug temperature rating.
- .7 Arrange bus to accommodate breakers and spaces as indicated. Minimum breaker frame size for spaces: 225A unless otherwise indicated.
- .8 Factory drill and prepare bus system to accept future installation of breakers in spaces without field modifications. Provide cover plates as required for breaker spaces.

2.2 MOULDED CASE CIRCUIT BREAKERS

- .1 To Section 26 28 21 - Moulded Case Circuit Breakers.
- .2 Provide extension handles for all circuit breakers rated 225A and above.

2.3 GROUNDING

- .1 Copper ground bus extending full width of cubicles and located at bottom.
- .2 Lugs at each end for size #1 to #4/0 stranded copper grounding conductor.

2.4 FINISHES

- .1 Apply finishes in accordance with Section 26 05 00 - Common Work Results for Electrical.
 - .1 Switchboard exterior: grey.

2.5 EQUIPMENT IDENTIFICATION

- .1 Provide equipment identification in accordance with Section 26 05 01 - Electrical Identification.
- .2 Nameplates:
 - .1 White plate, black letters, size 7.
 - .2 Complete board labelled: 208 V, 3 Ph, 4 W GENERATOR SWITCHBOARD.
 - .3 Branch and Feeder breakers labelled: as indicated.

Part 3 Execution

3.1 INSTALLATION

- .1 Locate switchboard on and secure to concrete housekeeping pad.
- .2 Connect incoming conductors to line lugs.
- .3 Connect load terminals of distribution breaker's to feeders.
- .4 Check factory-made connections for mechanical security and electrical continuity.
- .5 Ground switchboard in accordance with Section 26 05 28 - Grounding - Secondary and as indicated on the drawings.
- .6 Set breaker trip settings to manufacturer recommended settings from the Protection Coordination Study.
- .7 Test electronic trip units to ensure proper working and protection of components. Provide test results to the Commissioning Agent and for inclusion in the Operation and Maintenance Manual.

3.2 SOURCE QUALITY CONTROL

- .1 Notify the Departmental Representative in writing a minimum of two (2) weeks in advance that switchboard is ready for testing.

- .2 Perform standard factory tests. Provide test results to Commissioning Agent and for inclusion in Operation and Maintenance Manual.

3.3 COMMISSIONING

- .1 Refer to Section 01 91 13 - General Commissioning.

END OF SECTION

| | | |
|-----------|---------------------|---------------|
| 0 | ISSUED FOR ADDENDUM | 03/30 2020 |
| revisions | | date |

project
**GREEN CABLES-PHASE 2
BARN EXPANSION
AND RENOVATION**
QUEENS CO., PEI

drawing
STRUCTURAL
**TYPICAL INTERIOR
EQUIPMENT PAD DETAIL**

| | | |
|----------|----------|------------|
| designed | SLJM | compu |
| date | MAR-2020 | |
| drawn | JLK | dessiné |
| date | MAR-2020 | |
| approved | | approuvé |
| date | | |
| Tender | | Soumission |

PWSSC Project Manager
Administrateur de projets TPSSC
project number
R.081199.001

drawing no.
SSK-001

