



RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:
Bid Receiving Public Works & Government
Services Canada/Réception des soumissions Travaux
publics et Services gouvernementaux Canada
1713 Bedford Row
Halifax, N.S./Halifax,(N.E.)
B3J 1T3
Halifax
Bid Fax: (902) 496-5016

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
Atlantic Region Acquisitions/Région de l'Atlantique
Acquisitions
1713 Bedford Row
Halifax, N.S./Halifax, (N.E.)
B3J 3C9
Halifax
Nova Scot

Title - Sujet Construction - BIO Energy Center	
Solicitation No. - N° de l'invitation EB144-170694/A	Amendment No. - N° modif. 001
Client Reference No. - N° de référence du client EB144-17-0694	Date 2016-09-22
GETS Reference No. - N° de référence de SEAG PW-\$PWA-110-5461	
File No. - N° de dossier PWA-6-76047 (110)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2016-10-04	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: Collier (PWA), Susan	Buyer Id - Id de l'acheteur pwa110
Telephone No. - N° de téléphone (902) 496-5350 ()	FAX No. - N° de FAX (902) 496-5016
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

Amendment 001 is being raised to incorporate the following:

Request for alternates must include all of the information and documentation requested within this addendum. Incomplete submissions will not be considered.

The intent of the following addendum is to clarify the general requirements for a typical request for alternate product approval. Any request for alternate product approval shall include official documentation illustrating the requirements stated below as a minimum.

The requirements stated below doesn't represent all the technical requirements. Refer to the contract documents for additional requirement.

Power Generation Diesel Units:

- Proof of CSA approval.
- Generator to be built, tested and shipped by one manufacturer. Units are to be certified by an independent testing laboratory as per 26 32 13 - 2.1.2.
- 5 years warranty including parts and labour as stated in specification section 26 32 13 item 1.7.1.
- Generator circuit breaker requirement as stated in specification section 26 32 13 item 2.3.2.
- The control panel shall be fully compatible with specified paralleling switchgear. If the same diesel generator provider proposes an alternate product for the paralleling switchgear as well, he should specify if the paralleling switchgear is compatible with other generator manufacturers or not (provide engine generator controls compatibility information similar to section 26 32 13 Appendix A).
- Maximum fuel consumption for each generator under 100% load with fan is 272.3 L/hour as stated in specification section 26 32 13 item 2.10.2.2.
- Maximum dimensions for each generator: 4233.7 mm long, 2010.4 mm wide, 2355 mm high as stated in specification section 26 32 13 item 2.10.2.3.
- Generator main circuit breaker shall be located as shown on Drawing E-101 "New Power Layout".
- Maximum ventilation and combustion air value and requirements as shown in mechanical Drawing M-101 (specification section 26 32 13 item 2.10.2.1).
- Wiring diagram showing all line voltage and control input/ output interconnections with paralleling switchgear.

Paralleling Switchgear:

- Proof of CSA approval.
- 18 month warranty including parts and labour as stated in specification section 26 24 13 item 1.5.1.
- Manufacturer's field service representatives shall be on call and available for immediate dispatch 24 hours a day, 365 days a year. All field service personnel shall be factory trained, by

the manufacturer, and certified in the maintenance and repair of the specified equipment.
Refer to specification section 26 24 13 item 1.5.3.

- The paralleling switchgear shall not be two separate electrical equipments (one for distribution equipment and a separate one for generator control). The switchgear shall be one complete electrical equipment and include digital control, paralleling control, metering, and distribution sections as stated in section 26 24 13 item 2.1.1.
- The switchgear maximum dimension shall be 3860 mm (width) x 2324 mm (height) x 1524 mm (depth) as stated in specification section 26 24 13 item 2.1.2.
- The switchgear shall include 4 module sections as follows:
 - Section 1 and Section 2: dedicated to all related paralleling control and distribution including and not limited to: Generator 1 control, Generator 2 control, master control, and generators' circuit breakers, etc.
 - Section 3: power distribution and metering.
 - Section 4: space for future distribution.
- Provide paralleling switchgear compatibility chart with different generator control panel (engine generator controls compatibility information similar to section 26 32 13 Appendix A).
- Shall accommodate the installation of relocated existing circuit breaker in distribution Section 3 as shown on Electrical Drawing E-102 detail 3. Refer to Electrical Drawing E-101 (note 11) for model numbers of existing circuit breakers to be relocated and refer to specification section 26 24 13 item 2.1.4.
- Circuit breakers in Section 3 shall be installed in the same order as shown on Drawing E-102 detail 3 to allow for re-terminating existing cable (splicing existing cable is not accepted). Refer to specification section 26 24 13 item 2.1.5.
- Provide elevation for the paralleling switchgear showing all sections, compartments and dimensions. Refer to Drawing E-102 detail 3.
- Provide paralleling switchgear single line diagram and control wiring diagram showing all interconnections (line voltage and input / output control signals). Refer to Electrical Drawing E-102 details 1 and 5.

Automatic Transfer Switch:

- The automatic transfer switch shall be ASCO to match existing ASCO ATS 1, 2, 3 and 4 already installed at the BIO Campus. Alternates are not being considered due to existing maintenance contract restrictions.

ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME