



RETURN BIDS TO:

RETOURNER LES SOUMISSIONS À:

**Bid Receiving Public Works and Government
Services Canada/Réception des soumissions
Travaux publics et Services gouvernementaux
Canada**

800 Burrard Street, Room 219

800, rue Burrard, pièce 219

Vancouver

British Columbia

V6Z 0B9

Bid Fax: (604) 775-9381

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 -
Pacific Region

800 Burrard Street, Room 219

800, rue Burrard, pièce 219

Vancouver

British C

V6Z 0B9

Title - Sujet Back Up Generator Installation	
Solicitation No. - N° de l'invitation F1700-150949/A	Amendment No. - N° modif. 002
Client Reference No. - N° de référence du client F1700-150949	Date 2016-03-08
GETS Reference No. - N° de référence de SEAG PW-\$PWY-033-7755	
File No. - N° de dossier PWY-5-38406 (033)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2016-03-15	
Time Zone Fuseau horaire Pacific Daylight Saving Time PDT	
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: Siopongco, Philip PWY	Buyer Id - Id de l'acheteur pwy033
Telephone No. - N° de téléphone (604) 775-9385 ()	FAX No. - N° de FAX (604) 775-6633
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: DFO - Victoria Coast Guard Base 25 Huron Street Victoria, BC V8VV9	

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

N° de l'invitation - Sollicitation No. F1700-150949/A	N° de la modif - Amd. No. 002	Id de l'acheteur - Buyer ID PWY033
N° de réf. du client - Client Ref No.	N° du dossier - File No. PWY-38406	FMS No./N°VME - CCC No./N° CCC

Les documents français seront disponibles sur demande.
Les autres conditions ne changent pas.

Amendment 002 has been raise to:

- A. Provide answer to questions received from bidders
- B. Correct information on the mailing label
- C. Incorporate Annex C as part of the contract.

The following changes / clarifications in the tender documents are effective immediately. This Addendum will form part of the Contract Documents.

A Questions received from the bidders. (For responses see attached Addendum Sheet No. 1).

Questions:

1. Specification section 01 14 00, 1.20.2 advises if the contractor were to find asbestos or material suspected to be asbestos while performing the work, the contractor is to take immediate action to contain and verify the presence of asbestos. Also, Section 01 14 00, 1.20.4 states the contractor is not entitled to claim for delays resulting from the investigation or removal of the asbestos.

Has a hazardous material survey been completed in the area of the work? If so, please provide.

Also, who would pay for the removal and testing? Would this be covered under a change order?

Answer: Refer to item 1.5 of the attached Addendum No.1 Sheet

2. Specification 01 14 09, 1.28.9 speaks of a "Cash Allowance" for testing. This is the only section speaking of cash allowances. Please confirm all cash allowances for this project.

Answer: Refer to item 1.6 of the attached Addendum No.1 Sheet

3. Has the delivery date for the owner supplied generator and transfer switch been confirmed or is it flexible to work with our construction schedule? If not, please confirm delivery date.

Answer: Refer to item 1.9 of the attached Addendum No.1 Sheet

4. Are we to supply the generator spare parts in specification section 26 32 10, 1.12.2 or are these owner supplied?

Answer: Refer to item 1.7 of the attached Addendum No.1 Sheet

5. Who is to provide fuel for the required generator testing and at project completion? If we are to include in this tender, please provide how many liters per hour this generator uses at 100% load and confirm how many liters the fuel tank will hold.

Answer: Refer to Item 1.8 of the attached Addendum No. 1 Sheet

6. Please confirm tender closing location:

Answer: Please use either the mailing label provided (Section B of this amendment) or the address information as seen on the cover page of the solicitation document.

7. 2 question from different bidders:

The contract completion date of April 30, 2016 is very difficult to obtain as new distribution of this size is typically 8-10 weeks delivery to site after the shop drawings are approved. Can this extended until June 30, 2016?

Is the April 30 completion flexible? Very hard to get a 1200 amp main and CDP for the new emergency power distribution less than 8 weeks after approved shop drawings. Has to be special ordered from factory.

Answer: Refer to item 1.3 of the attached Addendum No.1 Sheet

8. Can we splice in the existing CDP1 and CDP 2 and CDP B or do we splice in a J box above the existing CDPs to reconnect existing loads to the new emergency power CDP?

Answer: Refer to item 1.1 and 1.2 of the attached Addendum No.1 Sheet

9. Can you send us a picture of equipment name tag of the existing Westinghouse CDP that has to have a new 1200 amp breaker installed?

Answer: Refer to item 2.0 of the attached Addendum No.1 Sheet

10. There is no mention of Temporary generator power for existing loads during required electrical shutdowns to accommodate the new design. Please confirm there is no temporary power required. If there is, please confirm the loads that need to be energized during the shutdowns

Answer: Refer to item 1.11 of the attached Addendum No.1 Sheet

11. On Drawing E402- "Electrical Room New Equipment Layout", on the top right corner, it shows what looks to be 4 new pieces of electrical equipment, with a dimension of 354mm by 2733mm. Please confirm what these are for as they are not identified on the drawings.

Answer: Refer to item 1.12 of the attached Addendum No.1 Sheet

12. Please confirm the existing feeder cable sizes for all the feeders being re-located to the new 1200A CDP, and if existing feeder cables are in parallel or not, including 800A feeder for distribution A, 150A feeder for the warehouse, 500A feeder for the Buoy Shed, 100A feeder for the electrical shop, 100A feeder for the Oil Pollution Building, 300A feeder for the Air Compressor, and the 400A feeder for the admin building.

Answer: Refer to item 1.13 of the attached Addendum No.1 Sheet

N° de l'invitation - Sollicitation No.	N° de la modif - Amd. No.	Id de l'acheteur - Buyer ID
F1700-150949/A	002	PWY033
N° de réf. du client - Client Ref No.	N° du dossier - File No.	FMS No./N°VME - CCC No./N° CCC
	PWY-38406	

13. Please confirm if the “Generator Load Shed Relay” is part of the owner supplied materials.

Answer: Refer to item 1.14 of the attached Addendum No.1 Sheet

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	PWY-38406	

B. To correct mailing label information:

AVIS AUX SOUMISSIONNAIRES: Veuillez utiliser l'étiquette d'adresse ci-dessous et bien l'affixer à l'extérieur de l'enveloppe ou du paquet renfermant votre offre. Dans le cas de modifications à des offres soumises par télécopieur (Fax: (604) 775-9381), servez-vous de la feuille comme page couverture. Assurez-vous de toujours inscrire lisiblement le nom de votre compagnie, l'adresse de retour, le numéro de l'offre et la date limite sur l'extérieur de votre offre.

Marchés immobiliers
Travaux publics et Services gouvernementaux Canada
800, rue Burrard, bureau 219
Vancouver (C.-B.) V6Z 0B9

Offre no: F1700-150949/A

Date et heure limites de reception des soumissions: : 15 Mars, 2016, 1400h heure locale

Sujet: Installation d'une génératrice auxiliaire; Base de la Garde côtière canadienne, Victoria (Colombie-Britannique).

N° de l'invitation - Sollicitation No.
F1700-150949/A
N° de réf. du client - Client Ref No.

N° de la modif - Amd. No.
002
N° du dossier - File No.
PWY-38406

Id de l'acheteur - Buyer ID
PWY033
FMS No./N°VME - CCC No./N° CCC

C. Pour incorporer l'annexe C dans du contrat

Insérer sous la table des matières: ANNEXE C - LISTE DES SOUS-TRAITANTS

Insérer après l'annexe B:

ANNEXE C - LISTE DES SOUS-TRAITANTS

- 1) Conformément à la clause IG07 – Liste des sous-traitants et fournisseurs des Instructions générales - Services de construction - Exigences relatives à la garantie de soumission R2710T, le soumissionnaire devrait accompagner sa soumission d'une liste de sous-traitants.
- 2) Le soumissionnaire devrait soumettre la liste des sous-traitants pour toute partie des travaux dont la valeur équivaut à au moins 20 % du prix soumissionné.

	SOUS-TRAITANT	DIVISION	VALEUR ESTIMATIVE DES TRAVAUX
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			

Toutes les autres conditions demeurent les mêmes.

Date: March 07, 2016

This Addendum varies the Bidding and Contract documents dated February 05, 2016

Issued for Permit

This Addendum shall form part of the Contract Documents and is to be read, interpreted and coordinated with all other parts. The cost of all work contained herein shall be included in the Contract sum. The following revisions supersede the information contained in the original specifications and drawings issued for the above-named project. Acknowledge receipt of this Addendum by inserting its number, date and pages in the Stipulated Price Bid Form.

This addendum including this cover sheet is a total of: **4 page(s) including attachments.**

1.0 ELECTRICAL ADDENDUM

- 1.1 Reference drawings detail 1/E602 note X: "X: SPLICE THE EXISTING CABLE INSIDE THE EXISTING CDP/ TUNNEL AND RE-FEED FROM THE NEW CDP. TURN OFF ALL ABANDONED BREAKERS AND MARK WITH LAMICOID LABELS AS SPARE. USE COMPRESSION TERMINALS UTILIZING HYDRAULIC PRESS & HEAT SHRINK, MEGGER TEST BEFORE ENERGIZING

Revise to Read :

"X: SPLICE THE EXISTING CABLE INSIDE THE EXISTING CDP TUNNEL FOR ALL BOTTOM FEEDS TO RE-FEED FROM THE NEW CDP. PULL THE CABLES OUTSIDE THE CDP'S AND SPLICE INSIDE JUNCTION BOXES FOR ALL TOP FEEDS TO RE-FEED FROM THE NEW CDP. TURN OFF ALL ABANDONED BREAKERS AND MARK WITH LAMICOID LABELS AS SPARE. USE COMPRESSION TERMINALS UTILIZING HYDRAULIC PRESS & HEAT SHRINK, MEGGER TEST BEFORE ENERGIZING

- 1.2 Reference drawings detail 1/E502 note: "SUPPLY TWO (2) 300kVA SKID MOUNTED TRANSFORMER FOR 460 TO 480V POWER. TRANSFORMERS MUST BE SKID MOUNTED c/w CASTOR WHEELS AND FORKLIFT SLEEVES FOR MANEUVERABILITY ON SITE. STANDARD OF ACCEPTANCE:

300 KVA SKID TYPE PORTABLE POWER TRANSFORMER, 600 VOLT PRIMARY TO 460/480 VOLT MULTI-TAP SECONDARY, NEMA 3R WITH CARBON STEEL PROTECTIVE CAGE WITH FOUR CASTERS.

300KVA SKID TYPE CONFIGURATION SHALL INCLUDE:

400 AMP 16 SERIES CAMLOK INPUT/OUTPUT WITH COLOR CODED SNAP COVERS TO MATCH THE VOLTAGE USED.
RE-CONNECTABLE PRIMARY VOLTAGE (600 VAC OR 480 VAC)
200A 3P 600 VAC 80% MAIN BREAKER ON THE PRIMARY SIDE
400 AMP 3P 600 VAC 80% MAIN BREAKER ON THE 460/480 VOLT SECONDARY SIDE.
400 A INTERIOR I-LINE PANEL TO DISTRIBUTE PRIMARY OR SECONDARY c/w 1-400A 3 PHASE BREAKER, 1-200A 3 PHASE BREAKER & 1-100A 3 PHASE BREAKER.
ALUMINUM NEMA 3R ENCLOSURE WITH BOTTOM ACCESS TRAP DOOR (HARDWIRE OUT ACCESS).
HEAVY DUTY CARBON STEEL FRAME WITH FORKLIFT POCKETS AND LIFTING EYELETS.
CONFIGURABLE GLAND PLATES ON BOTH SIDES OF LOAD CENTER ENCLOSURE c/w 1-400A 3 PHASE RECEPTACLE, 1-200A 3 PHASE RECEPTACLE & 1-100A 3 PHASE RECEPTACLE.
NEVER FLAT URETHANE CASTERS WITH LOCKS."

Revise to Read :

"SUPPLY ONE (1) 300KVA SKID MOUNTED TRANSFORMER FOR 460 TO 480V POWER. TRANSFORMERS MUST BE SKID MOUNTED C/W CASTOR WHEELS AND FORKLIFT SLEEVES FOR MANEUVERABILITY ON SITE.
STANDARD OF ACCEPTANCE:
300 KVA SKID TYPE PORTABLE POWER TRANSFORMER, 600 VOLT PRIMARY TO 460/480 VOLT MULTI-TAP SECONDARY, NEMA 3R WITH CARBON STEEL PROTECTIVE CAGE WITH FOUR CASTERS.
300KVA SKID TYPE CONFIGURATION SHALL INCLUDE:
400 AMP RATED 16 SERIES CAMLOK INPUT WITH COLOR CODED SNAP COVERS TO MATCH THE VOLTAGE USED.
RE-CONNECTABLE PRIMARY VOLTAGE (600 VAC OR 480 VAC)
200A 3P 600 VAC 80% MAIN BREAKER ON THE PRIMARY SIDE
1-200A, 3 PHASE, 4-POLE, STYLE 2 CROUSE-HINDS ARL 2040 TYPE RECEPTACLE c/w HOUSING AND CAP ON THE PRIMARY SIDE
1-400A, 3 PHASE 16 SERIES CAMLOK CONNECTIONS FOR FUTURE DULALINE CONNECTION.
1-100A 3 PHASE, 4-POLE, STYLE 2 CROUSE-HINDS AR 1042 TYPE RECEPTACLE c/w HOUSING AND CAP ON THE PRIMARY SIDE
400 AMP 3P 600 VAC 80% MAIN BREAKER ON THE 460/480 VOLT SECONDARY SIDE.
400 A INTERIOR I-LINE PANEL TO DISTRIBUTE PRIMARY ON SECONDARY C/W 1-400A, 3 PHASE BREAKER, 1-200A , 3 PHASE BREAKER & 1-100A , 3 PHASE BREAKER.
ALUMINUM NEMA 3R ENCLOSURE WITH BOTTOM ACCESS TRAP DOOR (HARDWIRE OUT ACCESS).
HEAVY DUTY CARBON STEEL FRAME WITH FORKLIFT POCKETS AND LIFTING EYELETS.
CONFIGURABLE GLAND PLATES ON BOTH SIDES OF LOAD CENTER ENCLOSURE C/W, 1-200A 3 PHASE & C
NEVER FLAT URETHANE CASTERS WITH LOCKS."

- 1.3 Reference contract closing date of April 30, 2016. **Revise to Read** May 27, 2016.

- 1.4 Reference drawings detail 1/E601 load shed on distribution C1 note:

"SPlice AND EXTEND TO NEW WALL MOUNTED ENCLOSURE c/w 200A 600V-3P CONTACTOR. RE-FEED FROM THE EXISTING BREAKER. REFER TO 3/E501 FOR MORE DETAILS. ALLOW FOR COORDINATION WITH THE GENERATOR MANUFACTURER REPRESENTATIVE FOR LOAD SHED SIGNAL. USE 1-1/4" EMT CONDUIT FOR LOW VOLTAGE WIRING FROM THE GENERATOR CONTROLLER TO THIS CONTACTOR."

Revise to Read :

"SPlice AND EXTEND TO NEW WALL MOUNTED ENCLOSURE c/w 200A 600V-3P CONTACTOR. RE-FEED FROM THE NEW CDP. REFER TO 3/E501 FOR MORE DETAILS. ALLOW FOR COORDINATION WITH THE GENERATOR MANUFACTURER REPRESENTATIVE FOR LOAD SHED SIGNAL. USE 1-1/4" EMT CONDUIT FOR LOW VOLTAGE WIRING FROM THE GENERATOR CONTROLLER TO THIS CONTACTOR."

- 1.5 Reference section 01 14 00 item 1.20.2:

Clarification: Contractor is responsible for completing a hazardous materials survey to satisfy WCB Notice of Project requirements, If Asbestos is discovered a change order will be issued for any abatement as required.

- 1.6 Reference section 01 14 00 item 1.28.9:

Clarification: Contractor to also carry \$1,500 CAD cash allowance for existing slab concrete core sampling.

- 1.7 Reference section 26 32 10 item 1.12.2:

Clarification: All generator and enclosure spare parts are provided by the owner.

- 1.8 Reference section 26 32 10 item 3.4.5:

Clarification: generator fuel for testing and top up after testing is provided by the owner.

- 1.9 The delivery date for the owner supplied generator and transfer switch is confirmed for the third week of March 2016.

- 1.10 Tender closing location is:

Please use either the mailing label provided or the address information as seen on the cover page of the solicitation document.

- 1.11 Clarification: No loads will be required to be energized during the shutdown. 72 hours' notice is still required for all shutdowns.
- 1.12 Clarification: Equipment is a load shed contactor enclosure for the 200A receptacle in the kiosk. Refer to detail 3 on drawing E501 for additional detail.
- 1.13 Contractor is to assume all existing cable sizes meet current Canadian Electrical Code load requirements. If any undersized wires on the downstream side of the distribution are discovered these will be rectified by replacing the breakers via a Change Order.
- 1.14 Clarification: Generator Load Shed Relay is Contractor Supplied.

2.0 ELECTRICAL APPENDIX:



Existing disconnect feeding Distribution A



Existing Distribution (CDP) B name tag

-----End of Addendum E1-----