



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
Bid Fax: (819) 997-9776

**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
Ship Refits and Conversions / Radoubss et
modifications de navires and / et
11 Laurier St. / 11, rue Laurier
6C2, Place du Portage
Gatineau, Québec K1A 0S5

Title - Sujet CCGS Griffon -VLE	
Solicitation No. - N° de l'invitation F7049-200157/A	Amendment No. - N° modif. 022
Client Reference No. - N° de référence du client F7049-200157	Date 2023-08-07
GETS Reference No. - N° de référence de SEAG PW-\$\$MD-029-29039	
File No. - N° de dossier 029md.F7049-200157	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM Eastern Daylight Saving Time EDT on - le 2023-10-11 Heure Avancée de l'Est HAE	
F.O.B. - F.A.B.	
Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Jeddi, Loubna	Buyer Id - Id de l'acheteur 029md
Telephone No. - N° de téléphone (873) 455-3835 ()	FAX No. - N° de FAX (819) -
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

Solicitation Amendment # 022

This amendment is hereby raised :

1. To include Questions and the Responses for the solicitation.
-

1. Questions and the Responses for the solicitation.

Q#1: SOW item 11.25

Would like to share with you that for 11.25 Accommodation Decks, our electrical Sub find it not possible to calculate the amount of electrical work that is required for the Spec below:

C.6.4 The Contractor must remove as work-in-way, all equipment, piping, cabling, and insulation within 350 mm of weld area beneath the Poop, Upper, and Lower decks. All associated mechanical connections must be blanked, and all electrical connections must be tagged, capped, coiled, and stowed. All equipment must be stored either onboard or in a Contractor supplied facility, protected from the elements.

C.7.4 The Contractor must remove as work-in-way, all equipment, piping, cabling, and insulation within 350 mm of proposed weld areas. All associated mechanical connections must be blanked, and all electrical connections must be tagged, capped, coiled, and stowed. All equipment must be stored either onboard or in a Contractor supplied facility, protected from the elements.

As a recommendation, would Canada consider assigning a block of 500 hours to the electrical part of this activity to be adjusted via 1379 ?

A#1: In response to this question Canada has modified Para. C.7.4 to read as follows (Added sentence in **bold italic highlighted**):

C.7.4 The Contractor must remove as work-in-way, all equipment, piping, cabling, and insulation within 350 mm of proposed weld areas. All associated mechanical connections must be blanked, and all electrical connections must be tagged, capped, coiled, and stowed. All equipment must be stored either onboard or in a Contractor supplied facility, protected from the elements.

NOTE: The Contractor must include in its bid the price for a block of 600hours to cover the cost of the electrical work requested in Paras. 11.25.C.6.4 and 11.25.C.7.4. The Contractor must provide a unit cost per hour of electrical work for adjustment purposes via a PWGSC 1379.

For removal and replacement of insulation and lining within the - Cold, Cool, and Dairy Rooms, refer to SOW Item 11.19 – 'Refrigeration Rooms'.

Q#2: SOW item 14.6

The following question concerned the Section 14.6 Rev 01 C.2.11.h.

We see here an inconsistency in this requirement. The IEEE C37.20.7 and the CSA C22.2 No. 22 require laboratory testing to confirm switchgear to be arc resistant type 1 or 2. An overhauled switchboard cannot be fully conform to type 1 or 2 arc resistant switchgear. Considering the information delivered in the amendment 17, the possibility to overhaul the existing switchgear, we ask to remove the requirement C2.11 h and to replace it with an automatic bus shutters to prevent from having the bus exposed after a withdrawable component rack-out even with the door open.

A#2: We agree with the observation.

Delete line C.2.11.h in its entirety:

~~h. Arc resistant switchgear Type 1 or 2 (for clearing times of <0.5 s with a prospective fault current not to exceed the arc resistant rating of the equipment) and metal enclosed interrupter switchgear, fused or unfused or arc resistant type construction, tested in accordance with CSA C22.2 No. 022 or IEEE C37.20.7;~~

~~• Insertion or removal (racking) of CBs from cubicles;~~

~~• Insertion or removal (racking) of ground and test device; or~~

~~• Insertion or removal (racking) of voltage transformers on or off the bus~~

And replace with the following:

h. "automatic bus shutters to prevent from having the bus exposed after a withdrawable component rack-out even with the door open"

Q#3: SOW item 16.13

The bidders would like to receive the missing plan associated with Section 16.13:

Plan # 664-4098-10 Space heating, ref no 4 of plan 664-4203-2

A#3: 664-4098-20, 664-4203-1, 664-4203-2, and 664-4203-10 are historical references and may have some useful construction details for the original piping. However, 521-353-001 shows the current layout of heating equipment and must be used by the Contractors. 664-4098-10 is a superseded drawing.

Q#4: SOW item 12.10

"C.7.2 The Contractor must provide the services of the qualified FSR enlisted at Para. B.4 to assist with the complete installation and assembly of the propulsion motors."

We can't find Para. B.4

Is this referring to Shur West Engineering Inc., Peter Klinowski P. Eng?

A#4: Yes. This refers to Para C.1.2.

Q#5: SOW items 12.6 and 12.10

For sections 12.6 Propulsion Generator Overhaul and section 12.10 Propulsion Motors Overhaul
"D.2.3 The propulsion motors must meet or exceed the performance specifications set out in the original test certificates. The Contractor must refer to IB 3500-50A D.C. Generators and Motors from Westinghouse Canada (Part 2, Section 5 of the Propulsion Control Manual) when performing final set up of the propulsion motors."

We are looking for the following list of documents, but couldn't locate them in the bid package.

<u>Drawing Number</u>	<u>Drawing Title</u>
○ C-AC-1636AFB-16	Assembly Crankshaft Flexible Coupling to Westinghouse Generator
○ 37305/38074/2	Generator Michell Bearing/ Pedestal Assembly
○ 169D571	Original DC Machine Type QL FRCC, 216.5 Shaft and Bar Assembly
○ 529F075	D.C. Generator Assembly/ Outline Drawing
○ 549A428	D.C. Machine Frame Armature Stacking and Armature Banding
○ 640J771 shts 1 & 2	D.C. Machine Type QL CC 216.5 General Assembly
○ 735D861	D.C. Generator Type QL CC 216.5 Stator
○ 6192C88	CCGS Griffon, Typical Generator Assembly, GA Dwg
○ 736D088	DC Generator Type Q FR CC 216.5 Devices and Connections
○ 736D042	Model QL Machine Type CC 216.5 Front Endbell & Filter Assy
○ 736C261	Model QL Machine Type CC 216.5 Gaskets
○ M 45351B3	Neoprene Rubber Gasket Specifications
○ 38068/3	Michell Horizontal Journal Bearing (motor) (NDE)
○ 38069/4	Michell Horizontal Journal Bearing (motor) (DE)
○ 169D646	D.C. Motor Type Q FR EE 626.6 Stator
○ 169D655	DC Motor Type Q FR EE 626.6 Devices and Connections
○ 529F077	2000 SHP Propulsion Motor Main Assembly
○ 640J774 shts 1 & 2	D.C. Machine Type Q FR EE 626.6 General Assembly
○ 759C556	DC Motor Type QL FR CC 638.6 Speed Sensing Devices Assy.
○ 736C261	Model QL Machine Type CC 216.5 Gaskets

A#5: The highlighted drawings are confirmed to be located in the technical data package (TDP) Google Drive->CCGS Griffon VLE->12 – Propulsion and Maneuvering.

Where the electronic file name and the SOW drawing reference number differ (due to typos in the SOW or the file names) CCG has listed the file name currently in use in the TDP.

<u>Drawing Number</u>	<u>Drawing Title</u>
○ C-AC-1636AFB-16	Assembly Crankshaft Flexible Coupling to Westinghouse Generator
○ 37305/38074/2	Generator Michell Bearing/ Pedestal Assembly
○ 169D571	Original DC Machine Type QL FRCC, 216.5 Shaft and Bar Assembly
○ 529F075	D.C. Generator Assembly/ Outline Drawing
○ 549A428	D.C. Machine Frame Armature Stacking and Armature Banding
○ 640J771 shts 1 & 2	D.C. Machine Type QL CC 216.5 General Assembly
○ 735D861	D.C. Generator Type QL CC 216.5 Stator
○ 6192C88	CCGS Griffon, Typical Generator Assembly, GA Dwg

- 736D088 DC Generator Type Q FR CC 216.5 Devices and Connections
- 736D042 Model QL Machine Type CC 216.5 Front Endbell & Filter Assy
- 736C261 Model QL Machine Type CC 216.5 Gaskets
- M 45351B3 Neoprene Rubber Gasket Specifications – Filed as 45351B3 Neoprene Rubber W# 45351B3.pdf
- 38068/3 Michell Horizontal Journal Bearing (motor) (NDE)
- 38069/4 Michell Horizontal Journal Bearing (motor) (DE)
- 169D646 D.C. Motor Type Q FR EE 626.6 Stator – Filed as 169D046.tif
- 169D655 DC Motor Type Q FR EE 626.6 Devices and Connections
- 529F077 2000 SHP Propulsion Motor Main Assembly
- 640J774 shts 1 & 2 D.C. Machine Type Q FR EE 626.6 General Assembly
- 759C556 DC Motor Type QL FR CC 638.6 Speed Sensing Devices Assy.
- 736C261 Model QL Machine Type CC 216.5 Gaskets – Filed as 759C261 Gasket.pdf

Q#6:

Bidders are requesting an extension of the bid closing date to October 18, 2023. Given that suppliers respond to their price requests much more slowly than expected, considering the summer holiday season.

A#6: Canada will extend the bid closing date by 6 weeks, to **October 11, 2023**.

All enquiries must be submitted in writing by email to the Contracting Authority no later than **September 27, 2023**. Enquiries received after that time will not be answered.

End of Solicitation Amendment #022.