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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 Cape Roger and CCGS Cygnus VLE	
Solicitation No. - N° de l'invitation F7049-200079/A	Amendment No. - N° modif. 011
Client Reference No. - N° de référence du client F7049-200079	Date 2021-02-03
GETS Reference No. - N° de référence de SEAG PW-\$\$\$MD-045-28005	
File No. - N° de dossier 045md.F7049-200079	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM Eastern Standard Time EST on - le 2021-02-26 Heure Normale du l'Est HNE	
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: Hora, Bharat	Buyer Id - Id de l'acheteur 045md
Telephone No. - N° de téléphone (343) 551-4942 ()	FAX No. - N° de FAX () -
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 # 11 is issued to:

- 1) Respond to Vendor Questions
- 2) Modify Annex A, Multiple Sections

1) Respond to Vendor Questions:

Questions related to Annex A of Solicitation Document

General :

Q1. On général arrangement we can see Flush Portable Plates on Focsls deck & Main Deck FR 6-7. How are they fixed (Bolted or welded)?

A1. CCGS Cape Roger - With regards to the flush hatches at FRAME 6-7 on both the focsls and main deck, these are both bolted with sealing arrangement.

CCGS Cygnus – Fwd hatch is hinged and dogged, aft hatch is dogged down.

Q2. Please provide a capacity plan for the tanks in m2. We are going to need the area of the tanks so they can be bid on washing. What pressure would CCGS want the tanks washed? 3000 psi or 5000 psi?

A2. The Contractors Engineering Dept must calculate the m2 based on information provided. The pressure for washing the tanks is 3000 psi

Q3. Please provide a lubrication booklet for both the ships if available.

A3. The lubrication booklets have now been uploaded on Sharepoint Server, the link for which was sent to all the shipyards in early December 2020.

L-01 Port and Stbd Ship Service Alternator Overhaul:

Q. Can you indicate the power of the alternators of the 2 ships?

A. CCGS Cape Roger 375 KVA Caterpillar Alternator

CCGS Cygnus – 375 KVA Stamford Alternator

HD-10 Underwater Hull Painting :

Q. What paint is present on the hull of the vessel that needs to be abrasively blasted? Inerta?

A. CCGS Cygnus : the current hull paint is listed in the specification.

CCGS Cape Roger: the current hull paint is Amercoat 238 and Amercoat 188

HD-09 Transverse Bow Thruster Overhaul :

Q1. We need the specification of the "header tank, control motor and pump" as well as their respective part list at 3.1.20 of the English estimate. A photo of the header tank with its components would also be appreciated.

A1. The Photographs have now been uploaded on Sharepoint Server, the link for which was sent to all the shipyards in early December 2020.

Q2. Where is the "control valve" of item 3.1.21 of the English specification located and what is its size?

A2. The control valve is located in the bow thruster compartment. Photograph has now been uploaded on Sharepoint Server, the link for which was sent to all the shipyards in early December 2020

Q3. Do the compartment accesses allow the exit of the motors or do the motors have to be done on site?

A3. It may be possible for the motor to be removed from the space but cannot confirm as no one can confirm that it has been done. Work can take place in the bow thruster space.

HD-06 Seabays and Seachests Cleaning and Inspections

Q. Please specify for CCGS Cape Roger what surface preparation is required for the Seachests/Seabays

A. 100 percent blasting to bare steel on the exterior seachests and sweep blasting of interior seabays

H-38 Crew Mess Deck Renewal – CCGS Cape Roger Only

Q. Please provide a detailed drawing of the crew's mess area for the Cape Roger

A. The drawings have now been uploaded on Sharepoint Server, the link for which was sent to all the shipyards in early December 2020

H-31 Aft Deck Crane Install – CCGS Cape Roger Only and H-32 Aft Deck Crane Install – CCGS Cygnus Only:

Q. In the interests of fairness, can we create an allowance to cover the expenses of the representative of Palfinger Marine Crane?

Q. Did Canada bought the Cranes including Palfinger FSR fees for installation verification and start-up or do we need to quote on FSR fees and arrange FSR to attend installation and start-up.

A. CG did not purchase any FSR fees with the Cranes. Contractor must bid on arranging the Palfinger FSR to attend the vessels for installation and startups

H-25 Forward Mast Repair – CCGS Cape Roger Only :

Q. Please provide square feet or weight of the replacement steel for the forward mast

A. The Area is provided in the specification

H-24 Washroom Renewals and H-38 Crew Mess Deck Renewal – CCGS Cape Roger Only :

Q. Are we to prepare the metal deck after inspection (SP11 and then the application of two coats of Approved Marine Primer)?

A. Yes, The Contractor must prepare and apply two coats of approved marine primer under the supervision of NACE Inspector

H-21 Gearbox and Clutch Survey :

Q. Please provide the instruction manuals for the L&S gearboxes and clutches

A. CG does not have electronic copy of the manual available to upload

H-20 Ballast Tanks Inspection :

Q. H20, paragraph 3.1.6.1: Is it possible to have more information on the “swash plate”? Drawings, thickness, is it 0.4 sq meter instead of 0.4 meter?

A. The only sketch/drawing that CG has is now been uploaded on Sharepoint Server, the link for which was sent to all the shipyards in early December 2020. The area is 0.4 sq meter.

H-11, H-13, H-18 – Various:

Q. Need for the quantities / types / manufacturer of fluids / oils to be supplied for each of the 4 engine (Fr)

Q. Need to know the mixture and amount of cooling water for disposal (Fr).

Q. Please provide the required amount of oil/coolant to be disposed/purchased and the type to be purchased

A. aa) CCGS Cygnus :

1) 2 x Main engines – Oil: 755 L Duron 30 per engine, Coolant: 2 x 1000L cooling water with 20 L LiquidEwt per engine

2) 2 x Generators – Oil: 56 L Duron E 15w40 per engine, Coolant: 2 x 80 L Power cool per engine

3) 1 x Emergency Generator – Oil: 22 L Duron 30, Coolant: 80 L – Cat coolant per engine

bb) CCGS Cape Roger :

1) 2 x Main engines – Oil: 800L of ENEGOL DS3-153 (Alternate Castrol MHP 153) per engine

Coolant: 1000L of water treated with approx. 20L of Maxigard engine coolant treatment per engine

2) 2 x Generators – Oil: 68 L Duron HP 15W40 per engine, Coolant: 80 L Cat extended Life Coolant/ per engine

3) 1 x Emergency Generator – 28 L Duron HP 15W40, 80 L – Cat extended Life coolant

H11, H18 & L01 - Various:

Q. By which access to the vessel is it planned to exit / enter the 2 alternators?
Q. What is obstructing the handling of the 2 alternators on the access path?
Q. What is the exit route to get the bigger parts or equipments from the ER compartment? Is it a direct access to exterior decks?

A. Larger items can be removed from the engine room aft, through the aux machinery space into the workshop. There is a deck hatch fitted in the workshop that will allow for all items to be removed. These items can be lifted to the aft deck by shore side crane.

Watertight Door Clear Opening: 29.5" x 65.5", Soft Patch Clean Opening: 47" x 47"

H-10 Port and Stbd Miranda Davit 5 Year Inspection:

Q. How much oil is to be disposed and needed to be refilled into the system? Could you confirm hydraulic oil type and grade?

A. CCGS Cape Roger - Approximately 568 Liters of Hydrex AW 68 in each davit.

CCGS Cygnus – Approximately 320 Liters of Hydrex AW 32 in each davit

Section H-08, H-09 and H-20 – Various:

Q. This work is assessed according to the surfaces to be treated in m2, not the volume of the tanks in m3. The answer BB given to addendum no.7 does not shed further light on the extent of the work to be carried out. If cannot obtain the surfaces from you, please send us the structural plans of each of the zones named in these sections so that we can calculate the surfaces.

A. The shipyard must quote with the information provided and using engineering department

Section H-09 : Potable Water Tanks Coating:

Q. What are the Royal Coatings manufacturer's requirements specified in 3.1.11.1?

A. The latest specification sheets for the products have been uploaded on Sharepoint Server, the link for which was sent to all the shipyards in early December 2020. However CG recommends that The Contractor contact the Supplier for up to date information

2) Modify Annex A, Multiple Sections

AA) At L-01 Port and Stbd Ship Service Alternator Overhaul:

Delete (in its entirety):

2.1

Insert:

2.1 Guidance Drawings/Nameplate Data

2.1.1 CCGS Cygnus – Port and Stbd Alternator

Stamford, Type # HCM434F2, 375 KVA

Serial #: 0274739/001 & 0274739/002

2.1.2 CCGS Cape Roger – Port and Stbd Alternator

Caterpillar, Model #: SR4-B, 375 KVA

Serial #: 9FF01947

Arrangement #: 9E-320

BB) At HD-06 Seabays and Seachests Cleaning and Inspections:

Delete (in its entirety):

3.1.9.2

Insert:

3.1.9.2 Cape Roger – Contractor must perform 100 percent blasting to bare steel on exterior seachests and sweep blasting of interior seabays. Seabays and Seachests to be given two coats of Amercoat Bar Rust 235 at 5-6 mils DFT per coat. The Contractor must bid on 76m² for the interior seabay and 41m² for both exterior seachests for a total surface area of 117m² and include unit cost per m². The surface area actually blasted and painted to be adjusted up or down via PSPC 1379 action as required.

Solicitation No. - N° de l'invitation
F7049-200079/A
Client Ref. No. - N° de réf. du client
F7049-200079

Amd. No 11. - N°11 de la
File No. - N° du dossier
045mdF7049-200079

Buyer ID - Id de l'acheteur
045md
CCC No./N° CCC - FMS No./N° VME

CC) At H-20 Ballast Tanks Inspection :

Delete (in its entirety):

3.1.6

Insert:

3.1.6 CAPE ROGER ONLY

3.1.6.1 The Contractor to replace 0.4 **sq. meters** of swash plate steel in Fore Peak Tank. Any adjustment required will be addressed via PSPC 1379 action as required.

End of Solicitation Amendment #11