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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

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11 Laurier St. / 11, rue Laurier

6C2, Place du Portage

Gatineau, Québec K1A 0S5

Title - Sujet CCGS Leonard J. Cowley -VLE DRYDOCK VLE Drydock	
Solicitation No. - N° de l'invitation F7049-210183/A	Amendment No. - N° modif. 004
Client Reference No. - N° de référence du client SAP 20210971	Date 2023-03-08
GETS Reference No. - N° de référence de SEAG PW-\$\$MD-045-28883	
File No. - N° de dossier 045md.F7049-210183	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 2023-03-28 Heure Avancée de l'Est HAE	
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: 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 # 4 is issued to:

- 1) Respond to Vendor Questions
- 2) Modify Annex A Rev 1, Multiple Sections
- 3) Upload Documents

1) Respond to Vendor Questions

AA) Questions related to Annex A of Solicitation Document

Question: We are looking for the Drawing/Document referenced in this specification numbered 30001-001-FR-001 – H-40 HVAC System

Answer: This drawing/ document has now been uploaded on the database under spec item H-40.

Question: We have following questions for H-13 Port and Stbd Windlass Replacement

1. Is there a single HPU driving both windlasses, or does CCG want dual forward HPU's?
2. Is there other equipment on the forward HPU(s)? If so, is the pressure or flow required for this equipment greater than the windlasses required 25 GPM at 2500 psi?
3. Do they control the windlasses now with electrical push button on/off, proportional lever or just manual control lever? **There is a manual control lever for each windlass**
4. Does CCG require HPU and windlass controls integrated into SCMS? **This is not required on the vessel**

Answer: Please see above the answers to questions 3 & 4 in **bold**.

The answers for questions 1 and 2 are in the drawing "Forward Hydraulic system ..." which has been uploaded on the database under specification item H-13

Question: In regards to the HD-26 Bow Thruster Replacement & Installation. Kongsberg are quoting the physical unit but are unable to supply any information in regards to the electrical modifications or work that needs to be completed on this work scope. With that being said I believe it would be fair to add an allowance/1379 for the labor and materials in regards to the electrical side for this work

Answer: The Contractor must bid an allowance of \$65,000 to be used for electrical upgrades required as a result of the new larger motor being installed. This allowance must include any required engineering work, materials(cables, bulkhead penetrations, breakers, etc) and labor required to compete electrical upgrades beyond the routine hook-up/disconnect of the new motor. This amount to be adjusted up or down via PSPC 1379 action as required based on invoice

Question: In regards to the HD-28 Steering Gear Actuator Replacement Kongsberg are unable to price the FSR cost or time it will take to install this unit under their supervision (other than just daily rates). That being the case I believe it would be far to add an allowance for the labor, travel etc for the Kongsberg FSR

Answer: The Contractor must bid an allowance of \$75,000 to be used for Kongsberg FSR labor, travel, accommodations and meals. The Contractor must provide a daily rate for the FSR for travel and working days. This

amount to be adjusted up or down via PSPC 1379 action as required based on invoice. The contractor must coordinate the total labor and material requirements with the FSR.

The Contractor must bid an allowance of \$65,000 to be used for Contractor labor and materials required to complete this job. This amount to be adjusted up or down via PSPC 1379 action as required based on materials invoices and timesheets for all employees working on this spec. Final timesheets and hours to be compared to the PSPC and CG Reps daily notes to confirm number of workers per day at this spec item.

Question: For H-22 Fuel Oil Purifier Replacement, we are looking for drawing number 21-176-001 (showing under 2.1.1)

Answer: This drawing has now been uploaded on the database under spec item H-22.

Question: For H-67 Fresh Water System Modifications, looking to get a few questions answered for one of our suppliers on the tankless water heaters as below:

1. Voltage and phase onboard
2. Temperature rise for these tankless heaters (worse case min temp)
3. Flow rate at the furthest fixture?
4. Is there a limit of amperage at each heater installation?
5. Please clarify, are these only being used for showers/sinks or in galley/laundry use?

Answer: Please see answers below pointwise:

1. 460 volts and 3-phase.
2. The water inlet temp to the water heater would be 4-5 degrees C and the required outlet temp is between 65 – 80 degrees C
3. Flow rate from the furthest sink (Wheelhouse) is 3.75 GPM and 44 psi pressure on the hot water line.
4. Current heaters have 30 amp breakers. There is some room to increase if needed.
5. The hot water will be used throughout the ship. All sinks, showers, galley and laundry.

Question: In regards to the below information provided in Amd No 2 for spec item H-60. Are we applying the Voyager Polysafe Stud Tile directly to bare steel or are we required to have an underlayment? If an underlayment is required we need to know the type and thickness needed.

Answer: CCG will go with the Voyager Polysafe Stud Tile (color to be determined by CG TA upon contract award) for the decking materials. For the shelving units, CCG will require 4 adjustable shelves per section of shelving. The Contractor must also provide contact information for the shelving supplier in the event CG wishes to purchase additional shelves at a later date.

Answer: The existing underlayment is A60 Rockwool insulation with approx. 5mm thick leveling product on top. The Contractor must bid on removing and repairing 20 sqft of underlayment and levelling product as identified by the CG TA as required. The new Polysafe Stud Tile to be applied directly on top of the levelling product.

Question: We are looking for the specifications on the (12) Hanger Lights as per 3.4.1.9. of spec item H-30 Hangar Upgrades

3.4.1.9 Hanger Lights: The hanger interior lighting must be proven functional. The Contractor must bid on supplying and replacing twelve (12) overhead hanger lights with new Contractor supplied lights of same dimensions and particulars. The Contractor must provide a unit cost to supply and install each light. The actual amount of lights replaced to be adjusted up or down via PSPC 1379 action. New hanger lighting must be Class approved and certified for use in a hanger.

Answer: The hangar lights have already been replaced and there is no requirement for this item anymore.

2) Modify Annex A (Rev 1) Multiple Sections (changes highlighted in yellow)

AA) At H-30 Hangar Upgrades

Delete (in its entirety)
Section 3.4.1.9 Hangar Lights

BB) At HD-26 Bow Thruster Replacement and Installation (3.7 Electrical Requirements)

Add/Insert:

3.7.16 The Contractor must bid an allowance of \$65,000 to be used for electrical upgrades required as a result of the new larger motor being installed. This allowance must include any required engineering work, materials(cables, bulkhead penetrations, breakers, etc) and labor required to compete electrical upgrades beyond the routine hook-up/disconnect of the new motor. This amount to be adjusted up or down via PSPC 1379 action as required based on invoice

CC) At HD-28 Steering Gear Actuator Replacement

Delete (in its entirety)
Section 2.5.2

Add/Insert:

2.5.2 The Contractor must bid an allowance of \$75,000 to be used for Kongsberg FSR labor, travel, accommodations and meals. The Contractor must provide a daily rate for the FSR for travel and working days.

Solicitation No. - N° de l'invitation
F7049-210183/A
Client Ref. No. - N° de réf. du client
F7049-210183

Amd. No 4. - N°4 de la modif.
File No. - N° du dossier
045mdF7049-210183

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

This amount to be adjusted up or down via PSPC 1379 action as required based on invoice. The contractor must coordinate the total labor and material requirements with the FSR.

The Contractor must bid an allowance of \$65,000 to be used for Contractor labor and materials required to complete this job. This amount to be adjusted up or down via PSPC 1379 action as required based on materials invoices and timesheets for all employees working on this spec. Final timesheets and hours to be compared to the PSPC and CG Reps daily notes to confirm number of workers per day at this spec item.

3) Upload Documents – Pricing Data Sheet Revision 3 (to incorporate allowances mentioned above)

File name: Documents Amendment 4.zip

End of Solicitation Amendment #4