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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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|--|---|
| Title - Sujet CCGS Griffon -VLE | |
| Solicitation No. - N° de l'invitation F7049-200157/A | Amendment No. - N° modif. 015 |
| Client Reference No. - N° de référence du client F7049-200157 | Date 2023-07-19 |
| 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 2023-08-30 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 # 015

This amendment is hereby raised :

1. To update Annex A – Statement of Work (SOW), SOW item G 2.0 General Technical Reference.
2. To update Annex A – Statement of Work (SOW), SOW item 12.4 section 12.4.C.
3. To update Annex A – Statement of Work (SOW), SOW item 14.2 section 14.2.B.
4. To update Annex A – Statement of Work (SOW), SOW item 15.2 section 15.2.C.
5. To update Annex A – Statement of Work (SOW), SOW item 15.7 section 15.7.C.
6. To update Annex A – Statement of Work (SOW), SOW item 16.1 section 16.1.C.
7. To update Annex A – Statement of Work (SOW), SOW item 16.6 section 16.6.C.
8. To update Annex A – Statement of Work (SOW), SOW item 16.12 section 16.12.C.
9. To update Annex A – Statement of Work (SOW), SOW item 17.1 section 17.1.C.
10. To update Annex A – Statement of Work (SOW), SOW item 18.1 section 18.1.C.
11. To update Annex A – Statement of Work (SOW), SOW item 19.1 section 19.1.C.
12. To update Annex A – Statement of Work (SOW), SOW item 19.2 section 19.2.C.
13. To update Annex A – Statement of Work (SOW), SOW item 19.1 section 19.1.A.3.b.

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1. To update Annex A – Statement of Work (SOW), SOW item G 2.0 General Technical Reference.

Under G 2.0 General Technical Reference

Add the following section:

G 2.13 Single System Supplier and Integrator (SSSI)

- G 2.13.1 The Contractor must provide the services of a qualified, Single System Supplier and Integrator (SSSI), who must be responsible for the coordination and integration of all of the systems within the SOWs listed herein.
- G 2.13.2 The SSSI must work with the defined FSRs in each SOW to ensure complete integration of the systems.
- G 2.13.3 Unless otherwise specified in the individual SOWs, the SSSI must arrange for the design, supply, and integration related components and equipment.
- G 2.13.4 The SSSI must work with each of the defined FSRs to determine what – if any – systems they require integration with.
- G 2.13.5 The SSSI must be responsible for ensuring the coordination and integration of the requirements as defined in the following SOW items:
 - a) 10.12 – Emergency Generator;
 - b) 12.4 – Main Engine Jacket Water;

- c) 12.23 – Dock and Sea Trials;
- d) 13.1 – Ship Service Generators;
- e) 14.2 – Motor Control Centers;
- f) 14.6 – Switchboards;
- g) 14.11 – Electrical Studies;
- h) 14.13 – Shore Power System;
- i) 15.2 – Oily Water Separator
- j) 15.5 – Fuel Oil Purifiers;
- k) 15.7 – Aft Sea Bay Recirculation;
- l) 16.1 – HVAC
- m) 16.6 – Sewage Treatment Plant
- n) 16.12 – Boilers
- o) 17.1 – Stores Crane
- p) 18.1 – Shipboard Integrated Communications System
- q) 19.1 – Propulsion Control System;
- r) 19.2 – Bow Thruster Control: and
- s) 19.3 – Alarm and Monitoring System.

2. To update Annex A – Statement of Work (SOW), SOW item 12.4 section 12.4.C.

Under SOW Item 12.4 – Main Engine Jacket Water

- Section 12.4.C

Add the following section:

12.4.C.2.7 – The SSSI must coordinate the integration of the engine governor system with the Fuel Air Control System (FACS) PLC. The engine governor system is being supplied as part of 19.1 – Propulsion Control System, and the recommended FSR is defined therein.

3. To update Annex A – Statement of Work (SOW), SOW item 14.2 section 14.2.B.

Under SOW Item 14.2 – Motor Control Centers

- Section 14.2.B

Add the following section:

14.2.B.4.9 – The SSSI must coordinate the integration of the MCCs with the Machinery Control Room (MCR) mimic boards with the Alarm and Monitoring System. All equipment indicating lights on the mimic board (power, run, stop, et.) must be maintained functional. All alarm functions of the current MCCs must also be maintained in the new units. The recommended FSR for the A&MS is defined in section 19.3 – Alarm and Monitoring System.

4. To update Annex A – Statement of Work (SOW), SOW item 15.2 section 15.2.C.

Under SOW Item 15.2 – Oily Water Separator

- Section 15.2.C

Add the following section:

15.2.C.1.6 - The SSSI must coordinate the integration of the Oily Water Separator and its related equipment and tanks with the Alarm and Monitoring System. The recommended FSR for the A&MS is defined in section 19.3 – Alarm and Monitoring System.

5. To update Annex A – Statement of Work (SOW), SOW item 15.7 section 15.7.C.

Under SOW Item 15.7 – AFT Sea Bay Recirculation System

- Section 15.7.C.1.7

Delete the existing paragraph in its entirety and replace it with the following:

15.7.C.1.7 - The Contractor must develop modification and installation drawings for the sea bay recirculating system in accordance with ref. drawing " G005-15-NC-220429-01- Aft Sea Bay Re-Circulating System Schematic". Steam tubes currently fitted to the starboard side inlet strainer and the cooling system's water filter must be removed by the Contractor (**Figure 2** below). All supporting documentation must be provided to CCG along with the drawings for regulatory approval by the RO prior to commencement of any work related to this SOW item.

- Section 15.7.C

Add the following section:

15.7.C.1.31 - The SSSI must coordinate the integration of the Aft Sea Bay Recirculation System and its related equipment with the Alarm and Monitoring System. The recommended FSR for the A&MS is defined in section 19.3 – Alarm and Monitoring System.

6. To update Annex A – Statement of Work (SOW), SOW item 16.1 section 16.1.C.

Under SOW Item 16.1 – HVAC

- Section 16.1.C

Add the following section:

16.1.C.19 - The SSSI must coordinate the integration of the HVAC Carrier iVu Control System and its related equipment with the Alarm and Monitoring System. The recommended FSR for the A&MS is defined in section 19.3 – Alarm and Monitoring System.

7. To update Annex A – Statement of Work (SOW), SOW item 16.6 section 16.6.C.

Under SOW Item 16.6 – Sewage Treatment Plant

- Section 16.6.C

Add the following section:

16.6.C.1.13 - The SSSI must coordinate the integration of the all components described in the STP, vacuum system, and grey water systems, and all their related equipment and ancillaries with the Alarm and Monitoring System. The recommended FSR for the A&MS is defined in section 19.3 – Alarm and Monitoring System.

8. To update Annex A – Statement of Work (SOW), SOW item 16.12 section 16.12.C.

Under SOW Item 16.12 – Boilers

- Section 16.12.C

Add the following section:

16.12.C.4.8 - The SSSI must coordinate the integration of the Boilers and its related equipment with the Alarm and Monitoring System. The recommended FSR for the A&MS is defined in section 19.3 – Alarm and Monitoring System.

9. To update Annex A – Statement of Work (SOW), SOW item 17.1 section 17.1.C.

Under SOW Item 17.1 – Stores Crane

- Section 17.1.C

Add the following section:

17.1.C.1.9 - The SSSI must coordinate the comparison of the Stores Crane Engineering Studies and its related equipment with the 14.11 - Electrical Studies. Modifications to the vessel's electrical system, if required, must be coordinated by the SSSI.

10. To update Annex A – Statement of Work (SOW), SOW item 18.1 section 18.1.C.

Under SOW Item 18.1 – Shipyard Integrated Communications System (SICS)

- Section 18.1.C

Add the following section:

18.1.C.4.2 - The SSSI must coordinate the integration of the ICS and its related equipment with the Alarm and Monitoring System. The recommended FSR for the A&MS is defined in section 19.3 – Alarm and Monitoring System. Redundant alarms (i.e. those already active in MCR and WH mounted ICS control heads) must not be duplicated in the A&MS.

11. To update Annex A – Statement of Work (SOW), SOW item 19.1 section 19.1.C.

Under SOW Item 19.1 – Propulsion Control System

- Section 19.1.C

Add the following section:

19.1.C.1.19 - The SSSI must coordinate the integration of the Propulsion Control System and its related equipment with the Alarm and Monitoring System. The recommended FSR for the A&MS is defined in section 19.3 – Alarm and Monitoring System.

12. To update Annex A – Statement of Work (SOW), SOW item 19.2 section 19.2.C.

Under SOW Item 19.2 – Bow Thruster Control

- Section 19.2.C

Add the following section:

19.2.C.2.3 - The SSSI must coordinate the integration of the Bow Thruster Control System and its related equipment with the Alarm and Monitoring System. The recommended FSR for the A&MS is defined in section 19.3 – Alarm and Monitoring System.

13. To update Annex A – Statement of Work (SOW), SOW item 19.1 section 19.1.A.3.b.

Under SOW Item 19.1 – Propulsion Control System

- Section 19.1.A.3.b

As per Para 19.1.A.3.b, the installation SOW is now provided in the TDP in the folder "Installation SOW - for 19.1 Propulsion Control System".

End of Solicitation Amendment #015.