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Nova Scotia
B3J 1T3
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**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
Atlantic Region Acquisitions/Région de l'Atlantique
Acquisitions
1713 Bedford Row
Halifax, N.S./Halifax, (N.É.)
Halifax
Nova Scotia
B3J 1T3

Title - Sujet CCGS G. Peddle Drydocking	
Solicitation No. - N° de l'invitation F5561-220655/A	Amendment No. - N° modif. 002
Client Reference No. - N° de référence du client F5561-22-0655	Date 2022-12-02
GETS Reference No. - N° de référence de SEAG PW-SHAL-201-11601	
File No. - N° de dossier HAL-2-89075 (201)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM Atlantic Standard Time AST on - le 2022-12-13 Heure Normale de l'Atlantique HNA	
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: Crocker, Quentin	Buyer Id - Id de l'acheteur hal201
Telephone No. - N° de téléphone (902) 478-8034 ()	FAX No. - N° de FAX (902) 496-5016
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 No. - N° de l'invitation

F5561-220655

Client Ref. No. - N° de réf. du client

F7044-22-0655

Amd. No. - N° de la modif.

002

File No. - N° du dossier

HAL-2-89075

Buyer ID - Id de l'acheteur

HAL201

CCC No./N° CCC - FMS No./N° VME

Solicitation amendment 002 is undertaken to:

- A. Insert a new specification into the scope of work and;
- B. undertake specification amendments, and;
- C. distribute "Revision 1" of the Pricing Data Sheet.

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A. INTRODUCE A NEW SPECIFICATION

Specification # HD-10 Refrigeration condenser cooling water line re-route and overboard valve installation located immediately below is incorporated into the Annex A-Statement of work. The pricing data sheet, Revision 1, is updated to reflect the addition.

HD-10 Refrigeration condenser cooling water line re-route and overboard valve installation

1: SCOPE:

The intent of this specification item is for Contractor to:

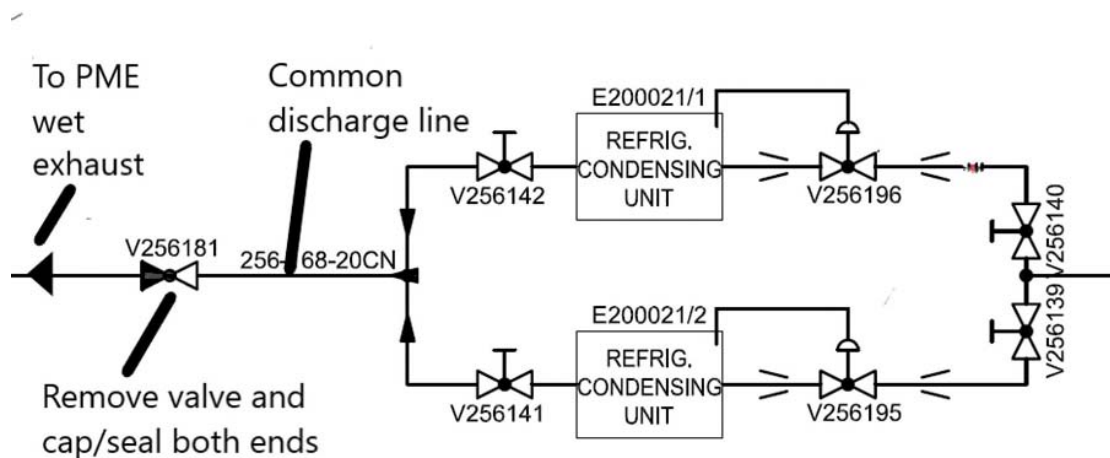
1. Install a new ABS approved overboard valve and thru hull penetration for the refrigeration condenser cooling water.
2. Cap off and terminate the old piping that leads to the existing port main engine wet exhaust line.
3. Re-pipe the refrigeration cooling water discharge line to the newly installed overboard valve.

2: TECHNICAL DESCRIPTION:

2.1 General

1. Contractor must create a thru hull penetration and install the ABS approved Contractor supplied overboard valve as per drawing 22-109-524-01 Refrigeration Condenser System - OVBD SW Discharge Relocation Rev3. All labour materials used to complete this work must be contractor supplied other than the overboard valve.

2. Contractor must identify, remove, protect and reinstall any interference items necessary to complete this work. The Contractor is responsible for protecting the area and attaining any gas free certificates required for hot work. The area where the work is taking place is quite congested with the existing refrigeration equipment, breaker cabinets, wire runs on the ship side, and fuel piping.
3. The Contractor must remove valve V256181 and cap off/seal of both sides of the joining sea water pipes. The Contractor must pipe the **common** discharge line out of the refer condenser units to the newly installed overboard discharge.



4. The Contractor must supply and install **one** globe valve suitably placed in the pipe run to the overboard valve, preferably closer to the refer units. This valve will be a contractor supplied globe valve with nominal diameter the same as the piping below and have bronze disc, seat, stem and body. This valve will serve as an intermediate shut off valve. All labour and materials for this pipe run and capping must be supplied by the Contractor. Piping size and materials:

20CN	25.0 x 1.5	DIN1755T	CuNi10 Fe1.6Mn
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5. Contractor must have ABS attend the vessel and attain on site approval for this work. Upon refloating of the vessel the Contractor must charge the system with sea water to test for leaks. Any leaks or deficiencies found must be rectified by the Contractor, at their expense. The new Contractor

supplied overboard valve must be pressure tested to max system working pressure **before** being installed.

6. Following all work, the Contractor must have the “as fitted” Cooling water system drawing, AF-6098-25600-01, revised to reflect the new configuration change. The new drawing must be class approved and be delivered to the ship before contract end date.

2.2 Location

1. Main Machinery room- forward

2.3 Interferences

1. See Technical Description point 2

3: REFERENCES:

3.1 Guidance Drawings/Nameplate Data

1. AF-6098-25600-01 Cooling water system
2. 22-109-524-01 Refrigeration Condenser System - OVBD SW Discharge Relocation Rev3

3.2 Standards and Regulations

1. Contractor must revise the as-fitted Cooling water system drawing have it ABS approved and delivered to the ship in PDF format, before contract end date.

3.3 Allowances

1. N/A

3.4 Owner Furnished Equipment

1. N/A

4: PROOF OF PERFORMANCE:

4.1 Inspection

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1. ABS onsite approval

4.2 Testing

1. Pressure test new overboard valve to max working pressure

4.3 Certification

1. N/A

5: DELIVERABLES:

5.1 Reports, Drawings and Manuals

1. Revision and approval of AF-6098-25600-01 Cooling water system

5.2 Spares

1. N/A

5.3 Training

1. N/A

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B. SPECIFICATION AMENDMENTS

HD-03: Hull Inspection / butts & Seams

- Amend Paragraph 2.1.2 to that it reads as follows:

2. The underwater hull survey inspection must be carried out in accordance with the Classification Society's survey requirements for a vessel of this type. Contractor must provide NDT services to the attending ABS surveyor for the duration of the hull survey. The Contractor must bid on a maximum of 50 ultrasonic thickness shots on hull locations that will be designated by the surveyor. Any requests by the surveyor that exceed this bid will be handled via PSPC 1379 action. Contractor must provide an NDT report following the work indicating all shots taken, their location and the measurement recorded.

- Delete paragraph 2.1.8 (c) as indicated below

8. In addition to the above work, Contractor must provide a cost on the following in their bid;
- a) Unit cost per additional foot of arc gouging.
 - b) Unit cost per additional foot of welding.
 - ~~c) Unit cost per additional MPI/UT/dye penetrant.~~
 - d) Unit cost for gas free certificates.

C. PRICING DATA SHEET

Revision 1 of the pricing data sheet is found below. A Microsoft Excel version can be obtained by emailing the Contracting Authority.

F5561-220655/A CCGS G. Peddle S.C.

APPENDIX 1 TO ANNEX F

Rev. 1

PRICING DATA SHEET

1 - Services (56 Days) to be adjusted in accordance with Annex F of Solicitation Document, Daily Services Fees)	1	\$ _____
9. Electric Power \$ _____ / kWh x 168,000 kWh (estimate)	2	\$ _____
11. Cranage \$ _____ / hour x 20 hours (estimate)	3	\$ _____
12. Removal/disposal waste oil \$ _____ / litre x 5,000 litres (estimate)	4	\$ _____
15. Cost to supply, install and remove 6mm Masonite _____ /m ² x 150 m ² (estimate)	5	\$ _____
16. Cost to supply, install and remove 3mm Masonite _____ /m ² x 100 m ² (estimate)	6	\$ _____
2 – Production Chart	7	\$ _____
HD-01 – Berthing and Mooring	8	\$ _____
2.1.3 Costs for tugs / pilots	9	\$ _____
HD-02 – Drydocking	10	\$ _____
2.1.10 Unit cost to insert keel blocks (additional if requested)	11	\$ _____
2.1.10 Unit cost to remove keel blocks (additional if requested)	12	\$ _____
HD-03 – Hull Inspection / Butts & Seams	13	\$ _____
2.1.3/8a Cost of arc gouging \$ _____ /foot x 50 feet (estimate)	14	\$ _____
2.1.3/8b Cost of bead welding \$ _____ /foot x 50 feet (estimate)	15	\$ _____
2.1.6 Cost for person lift & operator \$ _____ / hour x 8 hours (estimate)	16	\$ _____
2.1.8c/4.2.1 Ultrasonic Thickness (UT) NDT inspections \$ _____ / x 10 inspections- (estimate)	17	\$ _____
2.1.8c/4.2.1 Mag particle NDT inspections \$ _____ / inspection x 10 inspections (estimate)	17	\$ _____
2.1.8d Gas free certificates \$ _____ / certificate x 4 certificates (estimate)	18	\$ _____
HD-04 – Anodes	19	\$ _____
HD-05 – Storm Valves & Sea Connections Inspection	20	\$ _____
2.1.7 Machining \$ _____ /hour x 20 hours (estimate)	21	\$ _____
HD-06 – Hull Cleaning and Painting	22	\$ _____
<u>Underwater Hull (total area = 330 m²)</u>	////////	//////////
2.1.22 Blasting to bare steel \$ _____ / m ² x 20 m ² (estimate)	23	\$ _____
2.1.22 Prep & apply 2 coats Intershield 300, 1 coat Intergard 263, & 1 coat Interspeed 640 \$ _____ / m ² x 20 m ² (estimate)	24	\$ _____
2.1.22 Sweep blasting \$ _____ / m ² x 310 m ² (estimate)	25	\$ _____
2.1.22 Top coat prep & paint 1 coat of Interspeed 640 \$ _____ / m ² x 330 m ² (estimate)	26	\$ _____
<u>Above Waterline to Top of Bulwark (total area = 146 m²)</u>	////////	//////////
2.1.29.1 Blasting to bare steel \$ _____ / m ² x 25 m ² (estimate)	27	\$ _____
2.1.29.1/2 Prep & apply 1 coat Intershield 300, 1 coat Intergard 263, & 1 coat Interthane 990 \$ _____ / m ² x 25 m ² (estimate)	28	\$ _____
2.1.29.3 Top coat prep & paint 1 coat of Interthane 990 \$ _____ / m ² x 146 m ² (estimate)	29	\$ _____
<u>Main Deck & Bridge Deck (total area = 265 m²)</u>	////////	//////////
Blast,Prep & coatings main/bridge deck: \$ _____ / m ² x 265m ² (estimate)	30	\$ _____

HD-07 – Sea Chests and Strainers	31	\$
2.1 (7) Powertool, prep & paint entire areas: \$ ____ /M ² X 10M ² (estimate)	32	\$
2.1.12 Securing tabs \$ ____ /tab x 3 tabs (estimate)	33	\$
HD-08 – Propeller Hubs, Shafting and Shaft Seal/Clearances	34	\$
2.1.1.4 Simplex Americas FSR allowance	35	\$20,000.00
Contractor Mark-up (Max 10%): ____ % X \$20,000 allowance	36	\$
2.1.3.1 Kongsberg FSR allowance	37	\$80,000.00
Contractor Mark-up (Max 10%): ____ % X \$80,000 allowance	38	\$
2.1.3.1 Labourer to assist FSR \$ ____ Contractor's hourly rate x 200 hours (estimate)	39	\$
HD-09 – Tank Inspections	40	\$
2.3 Removal/disposal fuel \$ ____ / L x 8,000 L (estimate)	41	\$
2.4 Removal/disposal waste oil \$ ____ / L x 2,000 L (estimate)	42	\$
2.5 Removal/disposal sewage \$ ____ / L x 2,000 L (estimate)	43	\$
2.17 Material and labour allowance (estimate)	44	\$5,000.00
2.17 Surface prep and coating \$ ____ / m ² x 20 m ² (estimate)	45	\$
HD-10 Refrigeration condenser cooling water line re-route and overboard valve installation	46	\$
H-01 – Liferafts Annual Inspection	47	\$
2.1.3 Sub-contractor allowance	48	\$5,000.00
Contractor Mark-up (Max 10%): ____ % X \$5,000 allowance	49	\$
H-02 – Fixed Fire Fighting Systems	50	\$
H-03 – Fire Detection System Inspection	51	\$
H-04 – Portable Fire Extinguishers	52	\$
H-05 – Annual Duct Cleaning	53	\$
H-06 – Annual Lifeboat Davit Inspection	54	\$
2.1.2 FSR allowance	55	\$30,000.00
Contractor Mark-up (Max 10%): ____ % X \$30,000 allowance	56	\$
H-07 – Allied Crane 5 Year Inspection	57	\$
2.1 FSR allowance	58	\$40,000.00
Contractor Mark-up (Max 10%): ____ % X \$40,000 allowance	59	\$
H-08 – Fresh Water Tank Cleaning and Inspection	60	\$
2.1 Remove/supply/install insulation \$ ____ /m ² x 3 m ²	61	\$
2.11 Surface prep and coating \$ ____ / m ² x 5 m ² (estimate)	62	\$
H-09 – Port and Starboard Gearbox Inspections	63	\$
2.1.2 FSR allowance	64	\$40,000.00
Contractor Mark-up (Max 10%): ____ % X \$40,000 allowance	65	\$
H-10 – Wet Exhaust and Transome Renewal	66	\$
2.8: Plate supply & install: \$ ____ / m ² X 2 m ² (estimated)	67	\$
2.17 FSR Allowance, if required	68	\$10,000.00
Contractor Mark-up (Max 10%): ____ % X \$10,000 allowance	69	\$
L-01 Annual Meggar Readings	70	\$

T-01 Sounder Replacement		71	\$
T-02 Satellite Radio System		72	\$
TOTAL TAXES NOT INCLUDED (items 1 to 72) This is the price for Known Work in Annex F			\$

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