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PWGSC

1550, Avenue d'Estimauville

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Québec

Québec

G1J 0C7

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

TPSGC/PWGSC

601-1550, Avenue d'Estimauville

Québec

Québec

G1J 0C7

Title - Sujet Vessels repair Sorel 2018	
Solicitation No. - N° de l'invitation F3065-17N423/A	Amendment No. - N° modif. 004
Client Reference No. - N° de référence du client F3065-17N423	Date 2018-01-30
GETS Reference No. - N° de référence de SEAG PW-\$QCL-041-17312	
File No. - N° de dossier QCL-7-40220 (041)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2018-02-06	Time Zone Fuseau horaire Heure Normale du l'Est HNE
F.O.B. - F.A.B. Specified Herein - Précisé dans les présentes Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input checked="" type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Deblois, Vincent	Buyer Id - Id de l'acheteur qcl041
Telephone No. - N° de téléphone (418) 649-2712 ()	FAX No. - N° de FAX (418) 648-2209
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

Please amend the above mentioned bidding solicitation documents with the changes below:

This modification (004) is intended to:

-
- A) Modify the tender closing date.
 - B) Modify one (1) element of the Statement of Requirements (paragraph 4.16.2).
 - C) Include the cost for an element of optional work.
 - D) Modify annexe J.
-

Part A: Modification of the tender closing date

Please be advised that the solicitation closing date of this call for tender has been amended as indicated on the first page of this amendment.

Part B : Modifications to the Statement of Requirements.

Modification 10

Please remove the following:

4.16.2 Maintenance and repair of chiller

4.16.2.1 – SCOPE

Repair, maintain and test the chiller.

4.16.2.2 - REFERENCE

Photo of *Leim* chiller



Photo of *Leim* chiller pumps



4.16.2.3 – TECHNICAL DESCRIPTION

The Contractor shall perform the following work:

- Replace the chiller's two heat exchangers with new ones. Follow the manufacturer's recommendations for their installation.
 - Brand: Universal Marine Industries
 - Model: Ti HFX-6D / 3/8 in. sensor well
 - Serial number: 14783
- Clean the pressurized reservoir with water containing bleach. Follow the recommendations of the manufacturer for opening the tank, cleaning, flushing and closing the tank.
 - Brand: Pro-Source Composite
 - Model: PSC-48-14 / 48 gallons
 - Serial number: 01711003

-
- Replace the steel pipe with copper or brass piping from the outlet of the chiller pump and livecatch pump up to the flanges after the strainers. Add a bypass at the outlet of the two pumps with a valve ball brass. Install a sacrificial anode on each of the two strainer. Return the pressure gauges on the outlet of the pumps to the same location on the new piping (before the isolation valves of the pumps).
- Dimension of the pipes: 1 ½ inch in brass
 - Materials in place: pumps, valves, and strainers are made of brass
 - Sacrificial anode: Diameter = ½ inch, length = 2 inches, made of zinc and mounted on a brass plug.
 - **Replace pipe length: 4 ft. NPT, 1 "T" NPT and 1 ball valve NPT.**
-

Please insert the following:

4.16.2 Maintenance and repair of chiller

4.16.2.1 - SCOPE

Repair, maintain and test the chiller.

4.16.2.2 - REFERENCE

Photo of *Leim* chiller



Photo of *Leim* chiller pumps



4.16.2.3 – TECHNICAL DESCRIPTION

The Contractor shall perform the following work:

- Replace the chiller's two heat exchangers with new ones. Follow the manufacturer's recommendations for their installation. **The current heat exchangers are:**
 - Brand: Universal Marine Industries
 - Model: Ti HFX-6D / 3/8 in. sensor well
 - Serial number: 14783
- Clean the pressurized reservoir with water containing bleach. Follow the recommendations of the manufacturer for opening the tank, cleaning, flushing and closing the tank.
 - Brand: Pro-Source Composite
 - Model: PSC-48-14 / 48 gallons
 - Serial number: 01711003
- Replace the steel pipe with copper or brass piping from the outlet of the chiller pump and livecatch pump up to the flanges after the strainers. Add a bypass at the outlet of the two pumps with a valve ball brass. Install a sacrificial anode on each of the two strainer. Return the pressure gauges on the outlet of the pumps to the same location on the new piping (before the isolation valves of the pumps).
 - Dimension of the pipes: 1 ½ inch in brass
 - Materials in place: pumps, valves, and strainers are made of brass
 - Sacrificial anode: Diameter = ½ inch, length = 2 inches, made of zinc and mounted on a brass plug.
 - **Replace pipe length: 4 ft. NPT, 1 "T" NPT and 1 ball valve NPT.**

Part C: Include cost for optional work.

Please remove page 1 and 2 of APPENDIX 1 OF ANNEX I:

APPENDIX 1 OF ANNEX I

Scheduled Work:

PRICE PER ITEM SHEETS		
Item	Description – A) SCHEDULED WORK	Firm Price
1 to 4	General remarks	\$ _____
4.10	C.C.G.S. LEIM – Safety and Security Equipment	\$ _____
4.11	C.C.G.S. LEIM – Hull and Related Structure	\$ _____
4.14	C.C.G.S. LEIM – Electrical distribution	\$ _____
4.16	C.C.G.S. LEIM – Domestic Systems	\$ _____
4.17	C.C.G.S. LEIM – Deck equipment / Vessel support system	\$ _____
5.10	C.C.G.S. ILE ST OURS – Safety and Security Equipment	\$ _____
5.11	C.C.G.S. ILE ST OURS – Hull and Related Structure	\$ _____
5.12	C.C.G.S. ILE ST OURS – Total cost of Propulsion and Manoeuvring Systems excluding the cost of optional work in table B of the present Appendix hereunder	\$ _____
5.13	C.C.G.S. ILE ST OURS – Vessel's Generation of Electrical Power	\$ _____
5.14	C.C.G.S. ILE ST OURS – Power Distribution	\$ _____
5.16	C.C.G.S. ILE ST OURS – Domestic Systems	\$ _____
5.17	C.C.G.S. ILE ST OURS – Deck equipment / Vessel support system	\$ _____
6.10	C.C.G.S. GARDE-CÔTE 03 – Safety and Security Equipment	\$ _____
6.11	C.C.G.S. GARDE-CÔTE 03 – Hull and Related Structure	\$ _____
6.12	C.C.G.S. GARDE-CÔTE 03 – Propulsion and Manoeuvring Systems	\$ _____
6.13	C.C.G.S. GARDE-CÔTE 03 – Vessel's electrical power generation	\$ _____
6.14	C.C.G.S. GARDE-CÔTE 03 – Power Distribution	\$ _____
6.15	C.C.G.S. GARDE-CÔTE 03 – Auxiliary Systems	\$ _____
		\$ _____
		\$ _____
		\$ _____
		\$ _____
A) SCHEDULED WORK - TOTAL FIRM PRICE		\$ _____

Optional Work:

PRICE PER ITEM SHEETS - Optional Work		
Item	Description – B) OPTIONAL WORK	Firm Price
	Dismantle and extract the gearbox to perform work related to present statement of work.	\$ _____
	Dismantle the motor and moving it whit in the mechanical room to perform work related to the present statement of work.	\$ _____
		\$ _ N / A _
B) OPTIONAL WORK - TOTAL FIRM PRICE		\$ _____

Note: PWGSC reserves the right to exercise all the options or partial options.

The Contractor grants to Canada the irrevocable option to acquire the goods, services or both described at Annex A of the Contract under the same conditions and at the prices and/or rates stated in the Contract. The option may only be exercised by the Contracting Authority and will be evidenced, for administrative purposes only, through a contract amendment. The Contracting Authority may exercise the option within **5 days** after beginning of work by sending a written notice to the Contractor.

PRICING PER ITEM SHEET SUMMARY		
TOTAL (A) SCHEDULED WORK	TOTAL (B) OPTIONAL WORK	TOTAL KNOWN WORK FIRM PRICE ((A) + (B))
\$ _____	\$ _____	\$ _____

Remark to Bidders:

Canada may reject the bid if any of the prices submitted do not reasonably reflect the cost of performing the part of the work to which that price applies.

Please insert Appendix 1 of Annex I hereunder:

APPENDIX 1 OF ANNEX I

Scheduled Work:

PRICE PER ITEM SHEETS		
Item	Description – A) SCHEDULED WORK	Firm Price
1 to 4	General remarks	\$ _____
4.10	C.C.G.S. LEIM – Safety and Security Equipment	\$ _____
4.11	C.C.G.S. LEIM – Hull and Related Structure	\$ _____
4.14	C.C.G.S. LEIM – Electrical distribution	\$ _____
4.16	C.C.G.S. LEIM – Domestic Systems – Total cost to perform all work related to the present section excluding the cost of section 4.16.2 which will appear in the optional Work Table.	\$ _____
4.17	C.C.G.S. LEIM – Deck equipment / Vessel support system	\$ _____
5.10	C.C.G.S. ILE ST OURS – Safety and Security Equipment	\$ _____
5.11	C.C.G.S. ILE ST OURS – Hull and Related Structure	\$ _____
5.12	C.C.G.S. ILE ST OURS – Total cost to perform all work related to the present section of Propulsion and Manoeuvring Systems excluding the cost of optional work in table B of the present Appendix 1 hereunder.	\$ _____
5.13	C.C.G.S. ILE ST OURS – Vessel's Generation of Electrical Power	\$ _____
5.14	C.C.G.S. ILE ST OURS – Power Distribution	\$ _____
5.16	C.C.G.S. ILE ST OURS – Domestic Systems	\$ _____
5.17	C.C.G.S. ILE ST OURS – Deck equipment / Vessel support system	\$ _____
6.10	C.C.G.S. GARDE-CÔTE 03 – Safety and Security Equipment	\$ _____
6.11	C.C.G.S. GARDE-CÔTE 03 – Hull and Related Structure	\$ _____
6.12	C.C.G.S. GARDE-CÔTE 03 – Propulsion and Manoeuvring Systems	\$ _____
6.13	C.C.G.S. GARDE-CÔTE 03 – Vessel's electrical power generation	\$ _____
6.14	C.C.G.S. GARDE-CÔTE 03 – Power Distribution	\$ _____
6.15	C.C.G.S. GARDE-CÔTE 03 – Auxiliary Systems	\$ _____
A) SCHEDULED WORK - TOTAL FIRM PRICE		\$ _____

Optional Work:

PRICE PER ITEM SHEETS - Optional Work		
Item	Description – B) OPTIONAL WORK	Firm Price
4.16.2	<p>Cost for section 4.16.2 If the installation location was to change, accommodation and traveling expenses will be established using a 1379 form according to Canadian government rates.</p> <p>Proposed heat exchangers: Brand: _____ Model: _____ Delivery date: _____</p>	\$ _____
5.12.1	Dismantle and extract the gearbox to perform work related to present statement of work.	\$ _____
5.12.1	Dismantle the motor and moving it whit in the mechanical room to perform work related to the present statement of work.	\$ _____
B) OPTIONAL WORK - TOTAL FIRM PRICE		\$ _____

Note: PWGSC reserves the right to exercise all the options or partial options.

The Contractor grants to Canada the irrevocable option to acquire the goods, services or both described at Annex A of the Contract under the same conditions and at the prices and/or rates stated in the Contract. The option may only be exercised by the Contracting Authority and will be evidenced, for administrative purposes only, through a contract amendment. The Contracting Authority may exercise the option within **5 days** after beginning of work by sending a written notice to the Contractor.

PRICING PER ITEM SHEET SUMMARY		
TOTAL (A) SCHEDULED WORK	TOTAL (B) OPTIONAL WORK	TOTAL KNOWN WORK FIRM PRICE ((A) + (B))
\$ _____	\$ _____	\$ _____

Remark to Bidders:

Canada may reject the bid if any of the prices submitted do not reasonably reflect the cost of performing the part of the work to which that price applies.

Solicitation No – N° de l'invitation
F3065-17N423/A
Client Ref No. – N° de réf. du client
F3065-17N423

Amd. No. – N° de la modif.
004
File No. – N° du dossier
QCL-7-40220

Buyer ID – id de l'acheteur
qcl 041

Part D: Modify Annex J.

Please remove the original Annex J

AND insert Annex J hereunder: ANNEX J

PRICING DATA SHEETS		
Item	Description – A) SCHEDULED WORK	Firm Price
1	General Remarks (Bidders can enter \$0.00 or indicate 'included' if the fees for this item are distributed in each of the items bellow. In case the fees are not distributed an amount must be indicated in the price box.)	\$ _____
2	General Notes	\$ _____
3	Services	\$ _____
4	List of acronyms	
4	CCGS LEIM	
4.10	Safety and Security Equipment (Overheads fees related to this item must be distributed in each sub items.)	
	4.10.1 Portable fire extinguishers Provide a price to inspect all fire extinguishers and renew the certification of all extinguishers whose certification date has expired. Unit prices for additional extinguishers are to be included in section B) Optional Work if added by Canada.	
	Mobilization / Demobilization = \$ _____ Materials, equipment and consumables = \$ _____ Labour ; \$ _____ /hour X _____ hours = \$ _____	
	Subcontracting (if applicable) Mobilization / Demobilization = \$ _____ Materials, equipment and consumables = \$ _____ Labour ; \$ _____ /hour X _____ hours = \$ _____	
	Total for item 4.10.1 :	\$ _____
	4.10.2 Fire detection system Provide a price to perform the annual inspection and certification of the fire detection system.	
	Mobilization / Demobilization = \$ _____ Materials, equipment and consumables = \$ _____ Labour ; \$ _____ /hour X _____ hours = \$ _____	
	Subcontracting (if applicable) Mobilization / Demobilization = \$ _____ Materials, equipment and consumables = \$ _____ Labour ; \$ _____ /hour X _____ hours = \$ _____	
	Total for item 4.10.2 :	\$ _____
	4.10.3 Annual inspection of fixed fire suppression system Provide a price to perform maintenance on and certify the fixed fire suppression system on the CCGS <i>Leim</i> .	
	Mobilization / Demobilization = \$ _____ Materials, equipment and consumables = \$ _____ Labour ; \$ _____ /hour X _____ hours = \$ _____	
	Subcontracting (if applicable) Mobilization / Demobilization = \$ _____ Materials, equipment and consumables = \$ _____ Labour ; \$ _____ /hour X _____ hours = \$ _____	
	Total for item 4.10.3 :	\$ _____
		\$ _____
	Total for 4.10 :	\$ _____

PRICING DATA SHEETS		
Item	Description – A) SCHEDULED WORK	Firm Price
4.11	Hull and Related Structure (Overheads fees related to this item must be distributed in each sub items.)	
	4.11.1 Replacement of the coating on the lower stairs	
	Provide a price to replace the coating on the stairs between the mess and the lower deck	
	<div style="text-align: right;">Mobilization / Demobilization = \$ _____</div> <div style="text-align: right;">Materials, equipment and consumables = \$ _____</div> <div style="text-align: right;">Labour ; \$ _____ /hour X _____ hours = \$ _____</div>	
	Subcontracting (if applicable) <div style="text-align: right;">Mobilization / Demobilization = \$ _____</div> <div style="text-align: right;">Materials, equipment and consumables = \$ _____</div> <div style="text-align: right;">Labour ; \$ _____ /hour X _____ hours = \$ _____</div> <div style="text-align: right;">Total for item 4.11.1 : \$ _____</div>	
	4.11.2 Repair on the handrail and the gangway cradle	
	Provide a price to repair the guardrail and gangway cradle located on the upper deck.	
	<div style="text-align: right;">Mobilization / Demobilization = \$ _____</div> <div style="text-align: right;">Materials, equipment and consumables = \$ _____</div> <div style="text-align: right;">Labour ; \$ _____ /hour X _____ hours = \$ _____</div>	
	Subcontracting (if applicable) <div style="text-align: right;">Mobilization / Demobilization = \$ _____</div> <div style="text-align: right;">Materials, equipment and consumables = \$ _____</div> <div style="text-align: right;">Labour ; \$ _____ /hour X _____ hours = \$ _____</div> <div style="text-align: right;">Total for item 4.11.2 : \$ _____</div>	
	Total for 4.11 : \$ _____	

4.14	Electrical distribution (Overheads fees related to this item must be distributed in each sub items.)	
	4.14.1 Electrical insulation test Provide a price to conduct insulation tests on the vessel's electrical circuits. <div style="text-align: right;">Mobilization / Demobilization = \$ _____</div> <div style="text-align: right;">Materials, equipment and consumables = \$ _____</div> <div style="text-align: right;">Labour ; \$ _____ /hour X _____ hours = \$ _____</div> Subcontracting (if applicable) <div style="text-align: right;">Mobilization / Demobilization = \$ _____</div> <div style="text-align: right;">Materials, equipment and consumables = \$ _____</div> <div style="text-align: right;">Labour ; \$ _____ /hour X _____ hours = \$ _____</div> <div style="text-align: right;">Total for item 4.14.1 :</div>	<div style="text-align: right;">\$ _____</div>
	4.14.2 Calibration on the main circuit breakers and tightening the terminal of the main distribution panel Provide a price to calibrate the main circuit breakers, inspect and tighten all terminals found in the main distribution tables. <div style="text-align: right;">Mobilization / Demobilization = \$ _____</div> <div style="text-align: right;">Materials, equipment and consumables = \$ _____</div> <div style="text-align: right;">Labour ; \$ _____ /hour X _____ hours = \$ _____</div> Subcontracting (if applicable) <div style="text-align: right;">Mobilization / Demobilization = \$ _____</div> <div style="text-align: right;">Materials, equipment and consumables = \$ _____</div> <div style="text-align: right;">Labour ; \$ _____ /hour X _____ hours = \$ _____</div> <div style="text-align: right;">Total for item 4.14.2 :</div>	<div style="text-align: right;">\$ _____</div>
	Total for 4.14	<div style="text-align: right;">\$ _____</div>

4.16	Domestic Systems (Overheads fees related to this item must be distributed in each sub items.)		
	4.16.1 Cleaning and inspection of central ventilation systems Provide a price to conduct a thorough cleaning of the ventilation system.		
	Mobilization / Demobilization = \$ _____ Materials, equipment and consumables = \$ _____ Labour ; \$ _____ /hour X _____ hours = \$ _____ Subcontracting (if applicable) Mobilization / Demobilization = \$ _____ Materials, equipment and consumables = \$ _____ Labour ; \$ _____ /hour X _____ hours = \$ _____		
	Total for item 4.16.1 : \$ _____		
	4.16.3 Annual inspection of heating, ventilation, air conditioning and refrigeration system Provide a price to Perform annual inspection of refrigeration systems.		
	Mobilization / Demobilization = \$ _____ Materials, equipment and consumables = \$ _____ Labour ; \$ _____ /hour X _____ hours = \$ _____ Subcontracting (if applicable) Mobilization / Demobilization = \$ _____ Materials, equipment and consumables = \$ _____ Labour ; \$ _____ /hour X _____ hours = \$ _____		
	Total for item 4.16.3 \$ _____		
	Total for 4.16 : \$ _____		
4.17	Deck equipment / Vessel support system (Overheads fees related to this item must be distributed in each sub items.)		
	4.17.1 Certification of the boarding gangway and lifting devices Provide a price to certify the boarding gangway and lifting devices.		
	Mobilization / Demobilization = \$ _____ Materials, equipment and consumables = \$ _____ Labour ; \$ _____ /hour X _____ hours = \$ _____ Subcontracting (if applicable) Mobilization / Demobilization = \$ _____ Materials, equipment and consumables = \$ _____ Labour ; \$ _____ /hour X _____ hours = \$ _____		
	Total for item 4.17.1 \$ _____		
		Total for 4.17 \$ _____	
ITEM 4 – TOTAL FIRM PRICE FOR THE CCGS LEIM = \$ _____			

PRICING DATA SHEETS		
Item	Description – A) SCHEDULED WORK	Firm Price
5	CCGS ILE SAINT OURS	
5.10	<p>Safety and Security Equipment (Overheads fees related to this item must be distributed in each sub items.)</p> <p>5.10.1 Certification of portable fire extinguishers Provide a price to inspect all fire extinguishers and renew the certification of all extinguishers whose certification date has expired. Unit prices for additional extinguishers are to be included in section B) Optional Work if added by Canada. Mobilization / Demobilization = \$ _____ Materials, equipment and consumables = \$ _____ Labour ; \$ _____ /hour X _____ hours = \$ _____</p> <p>Subcontracting (if applicable) Mobilization / Demobilization = \$ _____ Materials, equipment and consumables = \$ _____ Labour ; \$ _____ /hour X _____ hours = \$ _____</p> <p>Total for item 5.10.1 : \$ _____</p> <p>5.10.2 Annual inspection of fixed fire suppression system Provide a price to Perform maintenance and certification of the fixed fire suppression system. Mobilization / Demobilization = \$ _____ Materials, equipment and consumables = \$ _____ Labour ; \$ _____ /hour X _____ hours = \$ _____</p> <p>Subcontracting (if applicable) Mobilization / Demobilization = \$ _____ Materials, equipment and consumables = \$ _____ Labour ; \$ _____ /hour X _____ hours = \$ _____</p> <p>Total for item 5.10.2 : \$ _____</p> <p>Total for 5.10 : \$ _____</p>	
5.11	<p>Hull and Related Structure (Overheads fees related to this item must be distributed in each sub items.)</p> <p>5.11.1 Installation of anchorage on forecastle deck Provide a price to Provide and install three (3) anchorages of the same type or equivalent to those already in place, in order to secure the cargo on the forecastle deck. Mobilization / Demobilization = \$ _____ Materials, equipment and consumables = \$ _____ Labour ; \$ _____ /hour X _____ hours = \$ _____</p> <p>Subcontracting (if applicable) Mobilization / Demobilization = \$ _____ Materials, equipment and consumables = \$ _____ Labour ; \$ _____ /hour X _____ hours = \$ _____</p> <p>Total for item 5.11.1: \$ _____</p> <p>5.11.2 Installation of four (4) mooring cleats on the main deck Provide a price to fabricate and weld four (4) mooring cleats on the deck at the accommodation level. Mobilization / Demobilization = \$ _____ Materials, equipment and consumables = \$ _____ Labour ; \$ _____ /hour X _____ hours = \$ _____</p> <p>Subcontracting (if applicable) Mobilization / Demobilization = \$ _____ Materials, equipment and consumables = \$ _____ Labour ; \$ _____ /hour X _____ hours = \$ _____</p> <p>Total for item 5.11.2: \$ _____</p>	

PRICING DATA SHEETS			
Item	Description – A) SCHEDULED WORK		Firm Price
	5.11.3 Move ladder on bridge Provide a price for the moving off the ladder to access the top of the bridge. Mobilization / Demobilization = \$ _____ Materials, equipment and consumables = \$ _____ Labour ; \$ _____ /hour X _____ hours = \$ _____ Subcontracting (if applicable) Mobilization / Demobilization = \$ _____ Materials, equipment and consumables = \$ _____ Labour ; \$ _____ /hour X _____ hours = \$ _____ Total for item 5.11.3 :	\$	
	5.11.4 Plug the holes on the exhaust system outlets Provide a price to plug the four (4) holes on the exhaust system outlets. Mobilization / Demobilization = \$ _____ Materials, equipment and consumables = \$ _____ Labour ; \$ _____ /hour X _____ hours = \$ _____ Subcontracting (if applicable) Mobilization / Demobilization = \$ _____ Materials, equipment and consumables = \$ _____ Labour ; \$ _____ /hour X _____ hours = \$ _____ Total for item 5.11.4 :	\$	
	5.11.5 Replacement of suspended ceiling Provide a price to replace the suspended ceilings in the accommodations on the main deck, the cabins for the Commanding officer, Chief Engineer and sailors, the corridor, the dining room and on the bridge, and dispose of them. Mobilization / Demobilization = \$ _____ Materials, equipment and consumables = \$ _____ Labour ; \$ _____ /hour X _____ hours = \$ _____ Subcontracting (if applicable) Mobilization / Demobilization = \$ _____ Materials, equipment and consumables = \$ _____ Labour ; \$ _____ /hour X _____ hours = \$ _____ Total for item 5.11.5 :	\$	
	5.11.6 Replacement of bridge doors Provide a price to replace the two (2) doors and corresponding door frames on the bridge. Mobilization / Demobilization = \$ _____ Materials, equipment and consumables = \$ _____ Labour ; \$ _____ /hour X _____ hours = \$ _____ Subcontracting (if applicable) Mobilization / Demobilization = \$ _____ Materials, equipment and consumables = \$ _____ Labour ; \$ _____ /hour X _____ hours = \$ _____ Total for item 5.11.6	\$	

PRICING DATA SHEETS		
Item	Description – A) SCHEDULED WORK	Firm Price
	<p>5.11.7 Replacement of floor tiles</p> <p>Provide a price to replace floor coverings on the bridge, galley, corridor, and in three (3) cabins.</p> <p>Mobilization / Demobilization = \$ _____</p> <p>Materials, equipment and consumables = \$ _____</p> <p>Labour ; \$ _____ /hour X _____ hours = \$ _____</p> <p>Subcontracting (if applicable)</p> <p>Mobilization / Demobilization = \$ _____</p> <p>Materials, equipment and consumables = \$ _____</p> <p>Labour ; \$ _____ /hour X _____ hours = \$ _____</p> <p>Total for item 5.11.7 : _____ \$</p>	
	Total for 5.11 :	
5.12	<p>Propulsion and Manoeuvring System (Overheads fees related to this item must be distributed in each sub items.)</p> <p>5.12.1 Annual maintenance of main engines, port and starboard transmissions</p> <p>Provide a price to perform the annual maintenance of the two (2) main diesel engines and their reduction gearboxes.</p> <p>Mobilization / Demobilization = \$ _____</p> <p>Materials, equipment and consumables = \$ _____</p> <p>Labour ; \$ _____ /hour X _____ hours = \$ _____</p> <p>Subcontracting (if applicable)</p> <p>Mobilization / Demobilization = \$ _____</p> <p>Materials, equipment and consumables = \$ _____</p> <p>Labour ; \$ _____ /hour X _____ hours = \$ _____</p> <p>Total for item 5.12.1 : _____ \$</p>	
	<p>5.12.2 Propeller shaft Tachometers</p> <p>Provide a price to replace the two (2) speed tachometers of the two (2) port and starboard propeller shafts as well as the dial displays on the bridge in one direction of rotation.</p> <p>Mobilization / Demobilization = \$ _____</p> <p>Materials, equipment and consumables = \$ _____</p> <p>Labour ; \$ _____ /hour X _____ hours = \$ _____</p> <p>Subcontracting (if applicable)</p> <p>Mobilization / Demobilization = \$ _____</p> <p>Materials, equipment and consumables = \$ _____</p> <p>Labour ; \$ _____ /hour X _____ hours = \$ _____</p> <p>Total for item 5.12.2 : _____ \$</p>	
	Total for 5.12 :	\$ _____

5.13	Vessel's Generation of Electrical Power (Overheads fees related to this item must be distributed in each sub items.)		
	5.13.1 Annual maintenance of port and starboard diesel engine generators		
	Provide a price to perform the annual maintenance of port and starboard diesel engine generators. <div style="text-align: right;">Mobilization / Demobilization = \$ _____</div> <div style="text-align: right;">Materials, equipment and consumables = \$ _____</div> <div style="text-align: right;">Labour ; \$ _____ /hour X _____ hours = \$ _____</div>		
	Subcontracting (if applicable) <div style="text-align: right;">Mobilization / Demobilization = \$ _____</div> <div style="text-align: right;">Materials, equipment and consumables = \$ _____</div> <div style="text-align: right;">Labour ; \$ _____ /hour X _____ hours = \$ _____</div> <div style="text-align: right;">Total for item 5.13.1 : \$ _____</div>		
Total for 5.13 : \$ _____			
5.14	Power Distribution (Overheads fees related to this item must be distributed in each sub items.)		
	5.14.1 Electrical insulation test		
	Provide a price to conduct insulation tests on the vessel's electrical circuits. <div style="text-align: right;">Mobilization / Demobilization = \$ _____</div> <div style="text-align: right;">Materials, equipment and consumables = \$ _____</div> <div style="text-align: right;">Labour ; \$ _____ /hour X _____ hours = \$ _____</div>		
	Subcontracting (if applicable) <div style="text-align: right;">Mobilization / Demobilization = \$ _____</div> <div style="text-align: right;">Materials, equipment and consumables = \$ _____</div> <div style="text-align: right;">Labour ; \$ _____ /hour X _____ hours = \$ _____</div> <div style="text-align: right;">Total for item 5.14.1 : \$ _____</div>		
	5.14.2 Replace lighting fixtures		
	Provide a price to Replace neon lighting tube fixtures with LED tubes of at least 5000k. <div style="text-align: right;">Mobilization / Demobilization = \$ _____</div> <div style="text-align: right;">Materials, equipment and consumables = \$ _____</div> <div style="text-align: right;">Labour ; \$ _____ /hour X _____ hours = \$ _____</div>		
Subcontracting (if applicable) <div style="text-align: right;">Mobilization / Demobilization = \$ _____</div> <div style="text-align: right;">Materials, equipment and consumables = \$ _____</div> <div style="text-align: right;">Labour ; \$ _____ /hour X _____ hours = \$ _____</div> <div style="text-align: right;">Total for item 5.14.2 \$ _____</div>			
Total for 5.14 : \$ _____			

5.16	Domestic Systems (Overheads fees related to this item must be distributed in each sub items.)		
	5.16.1 Cleaning and inspection of central ventilation system		
	Provide a price to Perform the annual inspection of the air conditioning system and to perform a complete cleaning of the central ventilation system. <div style="text-align: right;">Mobilization / Demobilization = \$ _____</div> <div style="text-align: right;">Materials, equipment and consumables = \$ _____</div> <div style="text-align: right;">Labour ; \$ _____/hour X _____ hours = \$ _____</div>		
	Subcontracting (if applicable) <div style="text-align: right;">Mobilization / Demobilization = \$ _____</div> <div style="text-align: right;">Materials, equipment and consumables = \$ _____</div> <div style="text-align: right;">Labour ; \$ _____/hour X _____ hours = \$ _____</div> <div style="text-align: right;">Total for item 5.16.1 : \$ _____</div>		
Total for 5.16 :			\$ _____
5.17	Deck equipment / Vessel support system (Overheads fees related to this item must be distributed in each sub items.)		
	5.17.1 QUADRENNIAL (FOUR-YEAR) INSPECTION OF THE HIAB CRANE		
	Provide a price to Proceed with the quadrennial verification of the HIAB Crane, Type 180, SEA series Z3912. <div style="text-align: right;">Mobilization / Demobilization = \$ _____</div> <div style="text-align: right;">Materials, equipment and consumables = \$ _____</div> <div style="text-align: right;">Labour ; \$ _____/hour X _____ hours = \$ _____</div>		
	Subcontracting (if applicable) <div style="text-align: right;">Mobilization / Demobilization = \$ _____</div> <div style="text-align: right;">Materials, equipment and consumables = \$ _____</div> <div style="text-align: right;">Labour ; \$ _____/hour X _____ hours = \$ _____</div> <div style="text-align: right;">Total for item 5.17.1</div>		
Total for 5.17			\$ _____
ITEM 5 – TOTAL FIRM PRICE FOR THE CCGS ILOE SAINT OURS =			\$ _____

PRICING DATA SHEETS		
Item	Description – A) SCHEDULED WORK	Firm Price
6	CCGS GARDE-CÔTE 03	
6.10	<p>Safety and Security Equipment (Overheads fees related to this item must be distributed in each sub items.)</p> <p>6.10.1 Portable fire extinguishers</p> <p>Provide a price Inspect all fire extinguishers and renew the certification of all extinguishers whose certification date has expired. Unit prices for additional extinguishers are to be included in section B) Optional Work if added by Canada.</p> <p>Mobilization / Demobilization = \$ _____ Materials, equipment and consumables = \$ _____ Labour ; \$ _____ /hour X _____ hours = \$ _____</p> <p>Subcontracting (if applicable)</p> <p>Mobilization / Demobilization = \$ _____ Materials, equipment and consumables = \$ _____ Labour ; \$ _____ /hour X _____ hours = \$ _____</p> <p style="text-align: right;">Total for item 6.10.1 : \$</p> <p>6.10.2 Fire detection system</p> <p>Provide a price to perform the annual inspection and certification of the fire detection system.</p> <p>Mobilization / Demobilization = \$ _____ Materials, equipment and consumables = \$ _____ Labour ; \$ _____ /hour X _____ hours = \$ _____</p> <p>Subcontracting (if applicable)</p> <p>Mobilization / Demobilization = \$ _____ Materials, equipment and consumables = \$ _____ Labour ; \$ _____ /hour X _____ hours = \$ _____</p> <p style="text-align: right;">Total for item 6.10.2 : \$</p> <p>6.10.3 Annual inspection of fixed fire suppression system</p> <p>Provide a price to perform maintenance on and certify the fixed fire suppression system on the CCGS CG-03.</p> <p>Mobilization / Demobilization = \$ _____ Materials, equipment and consumables = \$ _____ Labour ; \$ _____ /hour X _____ hours = \$ _____</p> <p>Subcontracting (if applicable)</p> <p>Mobilization / Demobilization = \$ _____ Materials, equipment and consumables = \$ _____ Labour ; \$ _____ /hour X _____ hours = \$ _____</p> <p style="text-align: right;">Total for item 6.10.3 : \$</p> <p style="text-align: right;">Total for 6.10 : \$</p>	

6.11	Hull and Related Structure (Overheads fees related to this item must be distributed in each sub items.)		
	6.11.1 Replacement of bridge window Provide a price to supply and replace the port-side window on the front of the bridge. <div style="text-align: right;">Mobilization / Demobilization = \$ _____</div> <div style="text-align: right;">Materials, equipment and consumables = \$ _____</div> <div style="text-align: right;">Labour ; \$ _____ /hour X _____ hours = \$ _____</div> Subcontracting (if applicable) <div style="text-align: right;">Mobilization / Demobilization = \$ _____</div> <div style="text-align: right;">Materials, equipment and consumables = \$ _____</div> <div style="text-align: right;">Labour ; \$ _____ /hour X _____ hours = \$ _____</div> <div style="text-align: right;">Total for item 6.11.1 : \$ _____</div>		
	Total for 6.11 : \$ _____		
6.12	Propulsion and Manoeuvring Systems (Overheads fees related to this item must be distributed in each sub items.)		
	6.12.1 Maintenance - diesel propulsion engine Provide a price to to perform the annual maintenance of diesel engines, transmissions and port and starboard V-drives. <div style="text-align: right;">Mobilization / Demobilization = \$ _____</div> <div style="text-align: right;">Materials, equipment and consumables = \$ _____</div> <div style="text-align: right;">Labour ; \$ _____ /hour X _____ hours = \$ _____</div> Subcontracting (if applicable) <div style="text-align: right;">Mobilization / Demobilization = \$ _____</div> <div style="text-align: right;">Materials, equipment and consumables = \$ _____</div> <div style="text-align: right;">Labour ; \$ _____ /hour X _____ hours = \$ _____</div> <div style="text-align: right;">Total for item 6.12.1 : \$ _____</div>		
	6.12.2 Hydraulic steering gear pump of the manoeuvring system Provide a price to disassemble the steering gear hydraulic pump to change the seal. <div style="text-align: right;">Mobilization / Demobilization = \$ _____</div> <div style="text-align: right;">Materials, equipment and consumables = \$ _____</div> <div style="text-align: right;">Labour ; \$ _____ /hour X _____ hours = \$ _____</div> Subcontracting (if applicable) <div style="text-align: right;">Mobilization / Demobilization = \$ _____</div> <div style="text-align: right;">Materials, equipment and consumables = \$ _____</div> <div style="text-align: right;">Labour ; \$ _____ /hour X _____ hours = \$ _____</div> <div style="text-align: right;">Total for item 6.12.2 : \$ _____</div>		
	Total for 6.12: \$ _____		

6.13	Vessel's electrical power generation (Overheads fees related to this item must be distributed in each sub items.)		
	6.13.1 Annual maintenance PORT AND STARBOARD diesel generator engines Provide a price to perform the annual maintenance of port and starboard diesel generator engines. <div style="text-align: right;">Mobilization / Demobilization = \$ _____</div> <div style="text-align: right;">Materials, equipment and consumables = \$ _____</div> <div style="text-align: right;">Labour ; \$ _____ /hour X _____ hours = \$ _____</div> Subcontracting (if applicable) <div style="text-align: right;">Mobilization / Demobilization = \$ _____</div> <div style="text-align: right;">Materials, equipment and consumables = \$ _____</div> <div style="text-align: right;">Labour ; \$ _____ /hour X _____ hours = \$ _____</div> <div style="text-align: right;">Total for item 6.13.1 : \$ _____</div>		
	Total for 6.13		\$ _____
6.14	Power Distribution (Overheads fees related to this item must be distributed in each sub items.)		
	6.14.1 Electric isolation test Provide a price to conduct insulation tests on the vessel's electrical circuits. <div style="text-align: right;">Mobilization / Demobilization = \$ _____</div> <div style="text-align: right;">Materials, equipment and consumables = \$ _____</div> <div style="text-align: right;">Labour ; \$ _____ /hour X _____ hours = \$ _____</div> Subcontracting (if applicable) <div style="text-align: right;">Mobilization / Demobilization = \$ _____</div> <div style="text-align: right;">Materials, equipment and consumables = \$ _____</div> <div style="text-align: right;">Labour ; \$ _____ /hour X _____ hours = \$ _____</div> <div style="text-align: right;">Total for item 6.14.1 : \$ _____</div>		
	Total for 6.14 :		\$ _____

6.15	Auxiliary Systems (Overheads fees related to this item must be distributed in each sub items.)		
	6.15.1 Port electric bilge pump		
	<p>Provide a price to inspect, test, and certify the port side electric bilge pump.</p> <p>Mobilization / Demobilization = \$ _____</p> <p>Materials, equipment and consumables = \$ _____</p> <p>Labour ; \$ _____ /hour X _____ hours = \$ _____</p> <p>Subcontracting (if applicable)</p> <p>Mobilization / Demobilization = \$ _____</p> <p>Materials, equipment and consumables = \$ _____</p> <p>Labour ; \$ _____ /hour X _____ hours = \$ _____</p> <p>Total for item 6.15.1 : \$ _____</p>		
	6.15.2 Starboard electric bilge pump		
	<p>Provide a price to inspect, test and certify the starboard electric bilge pump.</p> <p>Mobilization / Demobilization = \$ _____</p> <p>Materials, equipment and consumables = \$ _____</p> <p>Labour ; \$ _____ /hour X _____ hours = \$ _____</p> <p>Subcontracting (if applicable)</p> <p>Mobilization / Demobilization = \$ _____</p> <p>Materials, equipment and consumables = \$ _____</p> <p>Labour ; \$ _____ /hour X _____ hours = \$ _____</p> <p>Total for item 6.15.2 : \$ _____</p>		
Total for 6.15 : \$ _____			
ITEM 6 – TOTAL FIRM PRICE FOR THE CCGS GARDE COTE 03 =			\$ _____

(B) Annexe J – OPTIONAL WORK section:

Domestic Systems (Overheads fees related to this item must be distributed in each sub items.)		
4.16.2 Maintenance and repair of chiller Provide a price to repair, maintain and test the chiller. Mobilization / Demobilization = \$ _____ Materials, equipment and consumables = \$ _____ Labour ; \$ _____ /hour X _____ hours = \$ _____ Subcontracting (if applicable) Mobilization / Demobilization = \$ _____ Materials, equipment and consumables = \$ _____ Labour ; \$ _____ /hour X _____ hours = \$ _____ Total for item 4.16.2:		_____ \$
5.12.1 Dismantle and extract the gearbox to perform work related to present statement of work. Mobilization / Demobilization = \$ _____ Materials, equipment and consumables = \$ _____ Labour ; \$ _____ /hour X _____ hours = \$ _____ Subcontracting (if applicable) Mobilization / Demobilization = \$ _____ Materials, equipment and consumables = \$ _____ Labour ; \$ _____ /hour X _____ hours = \$ _____ Total for item 5.12.1		_____ \$
5.12.1 Dismantle the motor and moving it whit in the mechanical room to perform work related to the present statement of work. Mobilization / Demobilization = \$ _____ Materials, equipment and consumables = \$ _____ Labour ; \$ _____ /hour X _____ hours = \$ _____ Subcontracting (if applicable) Mobilization / Demobilization = \$ _____ Materials, equipment and consumables = \$ _____ Labour ; \$ _____ /hour X _____ hours = \$ _____ Total for item 5.12.1		_____ \$
(B) - Total optional work cost :		_____ \$

All other clauses and conditions from the bidding solicitation remain the same.