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Halifax
Nova Scotia
B3J 1T3
Bid Fax: (902) 496-5016

**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 Scot
B3J 1T3

Title - Sujet CCGS Alfred Needler Drydock	
Solicitation No. - N° de l'invitation F5561-201259/A	Amendment No. - N° modif. 004
Client Reference No. - N° de référence du client F5561-20-1259	Date 2021-01-14
GETS Reference No. - N° de référence de SEAG PW-SHAL-311-11149	
File No. - N° de dossier HAL-0-85185 (311)	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 2021-01-21 Heure Normale de l'Atlantique HNA	
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: Dunne, Dave	Buyer Id - Id de l'acheteur hal311
Telephone No. - N° de téléphone (902) 401-4294 ()	FAX No. - N° de FAX (902) 496-5016
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: SEE HEREIN	

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 004 is issued to provide:

1. Response to question submitted to the Contracting Authority;
2. Specification Amendment; and
3. Pricing Data Sheet, Rev 2.

BIDDER QUESTIONS AND CANADA ANSWERS

Q1. H-02 – Will CCG have MPI testing done prior to the refit period to determine which method of repair is required under 2.1(3)?

A1. MPI testing was performed on the trawl deck. A crack was discovered on a section of the port side doubler plate that requires further investigation to determine the method of repair. Due to unknown variables this specification item is amended to replace existing known work with allowances.

SPECIFICATION AMENDMENTS

H-02:

Paragraph 2.1(1) is **DELETED** in its entirety and **REPLACED** with the following:

2.1(1) Contractor must remove the welded wear plate located between frames 16 and 22 on the Port side Trawl Deck. The original deck material under the removed wear plate must be inspected via Ultrasonic Thickness Measurements, at a minimum resolution of one shot every six inches. Any visibly deep pits must be identified and included in these shots. These UTM shots must be compiled into a report for submission to CGTA and ABS. Further repair directions will be provided by ABS; cost for these repairs will be adjusted via PSPC 1379 action, based on timesheets and invoices for materials and subcontractors. Upon completion of inspections and repairs as described above, Contractor must supply and fit a new wear plate over the affected area and coat as directed in paragraph 2.1.4.

A \$50,000 allowance will be provided for the removal of the wear plate, UTM testing, ABS inspections, installation & coating of a new CFM wear plate. A \$50,000 allowance will be provided for growth of this scope as determined by UTM inspections and ABS decision.

Paragraph 2.1(2) is **DELETED** in its entirety
Paragraph 2.1(3) is **DELETED** in its entirety

PRICING DATA SHEET, Rev 2

Pricing Data Sheet, Rev 1 is **DELETED** in its entirety and **REPLACED** with Pricing Data Sheet, Rev 2.

See attached.

All other terms and conditions remain the same.

APPENDIX 1 TO ANNEX F, Rev 2

SERVICES (70 Days)	1	\$
Para 6 Electric Power \$ _____ / kWh x 222,000 kWh (estimate)	2	\$
Para 7 Craneage \$ _____ / hour x 10 hours (estimate)	3	\$
Para 8 Potable Water \$ _____ / cubic meter x 100 cubic meters (estimate)	4	\$
Para 11 Deck protection \$ _____ / m ² x 100 m ² (estimate)	5	\$
Para 13 Removal/disposal oily water \$ _____ / m ³ x 10 m ³ (estimate)	6	\$
Para 15 Disposal black/grey water \$ _____ /m ³ x 100 m ³ (estimate)	7	\$
Para 18.3 Subcontractor allowance	8	\$250,000.00
Para 18.3 allowance markup _____ % (max 10%) x \$250,000 (estimate)	9	\$
Para 18.7 Subcontractor allowance	10	\$25,000.00
Para 18.7 allowance markup _____ % (max 10%) x \$25,000 (estimate)	11	\$
Para 18.10 Subcontractor allowance	12	\$25,000.00
Para 18.10 allowance markup _____ % (max 10%) x \$25,000 (estimate)	13	\$
PRODUCTION CHART, ITP AND SUBCONTRACTOR ALLOWANCES	14	\$
HD-01 DOCKING AND UNDOCKING	15	\$
2.1.7 Costs for Tugs and Pilots	16	\$
HD-02 BUTTS AND SEAMS	17	\$
2.1.4 Preparation and welding 200 linear ft	18	\$
2.1.5 Gouging and welding \$ _____ / linear ft x 200 linear ft (estimate)	19	\$
HD-03 UNDERWATER HULL COATING	20	\$
Para 2.1.17 Blasting/coating \$ _____ / ft ² x 4,050 ft ² (estimate)	21	\$
Para 2.1.18 Sweep blasting/coating \$ _____ / ft ² x 4,050 ft ² (estimate)	22	\$
HD-04 RUDDER STOCK SURVEY	23	\$
Para 2.1.21.a Resurfacing rudder stock	24	\$
Para 2.1.21.b Removal/rewrapping protective wrapping	25	\$
Para 2.1.21.c Refacing wear plate \$ _____ / side x 2 sides (estimate)	26	\$
Para 2.1.21.d Renewal carrier bearing wear plate	27	\$
Para 2.1.21.e Refacing carrier bearing surface	28	\$
Para 2.1.21.f Refacing tiller head bearing surface	29	\$
Para 2.1.21.g Renewal of carrier bearing bushing	30	\$
Para 2.1.21.h Renewal lower stock bushing	31	\$
Para 2.1.21.i Renewal pintle bushing	32	\$
Para 2.1.21.j Renewal of pintle	33	\$
HD-05 HULL ANODES	34	\$
2.1.2 Replace Z-22 anodes \$ _____ / anode x 63 anodes (estimate)	35	\$
HD-06 CATHODIC PROTECTION	36	\$
2.1.13 FSR allowance	37	\$5,000.00
2.1.13 FSR allowance markup _____ % (max 10%) x \$5,000 (estimate)	38	\$
HD-07 SEA VALVES	39	\$
2.1.4 Material allowance	40	\$5,000.00
2.1.4 Material allowance markup _____ % (max 10%) x \$5,000 (estimate)	41	\$
2.1.8 Machining \$ _____ /hour x 100 hours (estimate)	42	\$
H-01 BERTHING	43	\$
2.1.3 Costs for Tugs and Pilots	44	\$
H-02 TRAWL DECK REPAIRS	45	\$
2.1.2 Allowance	46	\$50,000.00
2.1.2 Allowance markup _____ % (max 10%) x \$50,000 (estimate)	47	\$
2.1.2 Allowance	48	\$50,000.00
2.1.2 Allowance markup _____ % (max 10%) x \$50,000 (estimate)	49	\$
H-03 TRAWL DECK COATING	50	\$
H-04 PROTECTION AND ENCLOSURES	51	\$
H-05 A-FRAME VENT RENEWALS	52	\$
H-06 FUEL TANK SURVEY	53	\$
2.1.2 Replace studs \$ _____ / stud x 10 studs (estimate)	54	\$
4.2.2 Pneumatic test \$ _____ / test x 2 tests (estimate)	55	\$
H-07 BALLAST TANKS	56	\$
2.1.7 Preparation and painting \$ _____ / m ² x 100 m ² (estimate)	57	\$

2.1.8 Replace anodes \$ _____ / anode x 30 anodes (estimate)	58	\$
2.1.10 Replace studs \$ _____ / stud x 3 studs (estimate)	59	\$
4.2.3 pneumatic test \$ _____ / tank x 3 tanks (estimate)	60	\$
H-08 OFFAL TANKS	61	\$
2.1.6 Preparation and painting \$ _____ / m² x 56 m² (estimate)	62	\$
2.1.11 Replace studs \$ _____ / stud x 2 studs (estimate)	63	\$
H-09 CHAIN LOCKER	64	\$
H-10 ENGINE ROOM BILGE CLEANING	65	\$
H-11 VENTILATION DUCT CLEANING	66	\$
H-12 SHELTER DECK CRASH RAIL RENEWAL	67	\$
H-13 POTABLE WATER TANKS	68	\$
2.1.5 Inspect, clean, recoat and test port fresh water tank	69	\$
2.1.5 Video inspection of fill piping	70	\$
2.1.18 Replace studs \$ _____ / stud x 10 studs (estimate)	71	\$
H-14 GALLEY DECK STEEL REPAIRS	72	\$
H-15 VOID SPACES	73	\$
2.1.4 Preparation and painting \$ _____ / m² x 5 m² (estimate)	74	\$
2.1.8 Replace studs \$ _____ / stud x 1 studs (estimate)	75	\$
4.2.2 pneumatic test \$ _____ / tank x 1 tank (estimate)	76	\$
H-16 LEAD COATING SURVEY AND MANAGEMENT PLAN	77	\$
2.1.2 Subcontractor allowance	78	\$100,000.00
2.1.2 allowance markup _____ % (max 10%) x \$100,000 (estimate)	79	\$
E-01 TRAWL ROLLER REPAIRS	80	\$
2.1.6 Machining sealing ring surfaces \$ _____ /hour x 10 hours (estimate)	81	\$
E-02 FIRE AND GENERAL PUMP SURVEY	82	\$
E-04 ANCHORS AND CHAINS	83	\$
2.1.7 Remove/install joining shackles	84	\$
2.1.10 Repair slack studs \$ _____ / stud x 6 studs (estimate)	85	\$
E-05 DELETED	x	xxx
E-06 DELETED	x	xxx
E-07 ANCHOR WINDLASS	86	\$
E-08 DELETED	x	xxx
E-09 HIAB CRANE SURVEY	87	\$
2.1.1 FSR allowance	88	\$10,000.00
2.1.1 FSR allowance markup _____ % (max 10%) x \$10,000 (estimate)	89	\$
2.1.11 UT shots \$ _____ / shot x 50 shots (estimate)	90	\$
2.1.12 Preparation and painting \$ _____ / ft² x 20 ft² (estimate)	91	\$
E-10 CPP HYDRAULIC LINE MODIFICATION	92	\$
L-01 ELECTRICAL INSULATION TEST	93	\$
2.1.6 Circuit repairs \$ _____ /labour hour x 100 labour hours (estimate)	94	\$
L-02 BREAKER AND SWITCHBOARD SURVEY	95	\$
L-04 GALLEY EQUIPMENT CLEANING	96	\$
T-01 SPEED LOG	97	\$
3.4.2 Belden 9312 cable \$ _____ /5 meters x 70 meters (estimate)	98	\$
3.4.2 Belden 9369 cable \$ _____ /5 meters x 25 meters (estimate)	99	\$
3.4.2 Belden 9322 cable \$ _____ /5 meters x 50 meters (estimate)	100	\$
TOTAL TAXES NOT INCLUDED (items 1 to 100) This is the price for Known Work in Annex F	\$ _____	