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Bid Receiving Public Works and Government
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1713 Bedford Row
Halifax, N.S./Halifax, (N.É.)
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 Corporal Teather Drydocking	
Solicitation No. - N° de l'invitation F5561-200689/A	Amendment No. - N° modif. 001
Client Reference No. - N° de référence du client F5561-20-0689	Date 2020-10-09
GETS Reference No. - N° de référence de SEAG PW-\$HAL-201-11081	
File No. - N° de dossier HAL-0-85094 (201)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2020-10-22	
Time Zone Fuseau horaire Atlantic Daylight Saving Time ADT	
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 amendment 001 is issued for the purpose of distributing:

- A. The minutes of the Bidders' Conference;
- B. Bidder questions and Canada answers;
- C. ITT amendments;
- D. Specification amendments;
- E. The Pricing Data Sheet.

A. The Minutes of the Bidders Conference

MINUTES OF THE BIDDERS CONFERENCE

Solicitation F5561-200689/A Docking Refit CCGS Corporal Teather

The Bidders Conference for the CCGS Corporal Teather Docking Refit was convened by teleconference on October 8th, 2020 at 13:00 pm. The following persons attended:

Quentin Crocker	Contract Authority (CA)	PSPC
Jeff Mercier	Technical Authority (TA)	CCG
Yuri S.	Chief Engineer (CE)	C. Teather
Mike Hickey	Commanding Officer (C/O)	C. Teather
Tom Brennan	Project Manager	L.I.F.E
Tim Clahane		L.I.F.E

Solicitation Closing

The Contracting Authority advised that the Tender will close at 2:00 P.M. local, on October 22nd, 2020 and asked bidders if they felt the solicitation period provided sufficient time to prepare bids.

Bidders present indicated that the solicitation period is sufficient.

Delivery

The work period is:

Commencement of Work	4 November 2020
Completion of Work	16 December 2020

The Contracting Authority asked bidders if the work period is sufficient for the scope of work. Bidders present indicated that they are unable to determine at this time due to the potential for unknown work.

Site Visit

Due to travel restrictions put in place by many Canadian provinces to reduce the spread of COVID-19, a vessel viewing has not be offered for this refit. Bidders requiring additional information are to contact the Contract Authority.

In lieu of a vessel viewing, photos and detailed videos have been provided to bidders via the share point site. Additional photos and video footage can be made available upon written request to the Contracting Authority. Bidders were requested to submit any additional requests ASAP in order to ensure that the desired information is obtained.

Care and Custody

The refit is unmanned in accordance with article 7.15.3 of the ITT. Care and custody of the vessel will be transferred to the Contractor for the duration of this work period. A limited crew will be assigned to the ship but will be living off site.

Bidders are reminded that NSOP-511 *Minimum Screening Process for CCG Personnel Accessing a Contractors Facility During an Infectious Disease Outbreak such as COVID-19* will apply, and Contractors must consider these requirements in their schedule and bid prices. This standard will be included under Services in the Dry-Docking reference package.

Bidders are advised that the province of Nova Scotia has a mandatory 14 day isolation period for anyone entering the province from outside the Atlantic provinces, which have formed an “Atlantic Bubble”. There is a possibility of requesting an exemption to this isolation requirement for contractors to enter the province for the purposes of performing critical work on Coast Guard vessels, however, Nova Scotia provincial government is reporting that there is approximately a 2 week wait to process these requests.

Each province has a different response to Covid-19 travel so bidders must familiarize themselves with their province’s requirements and consider their these requirements in their bid price. Upon award of a contract, the winning bidder must immediately take action to seek authorization for any sub-contractors and FSRs to enter the province, as required.

During Coast Guard care and custody of the vessel, the Shipyard/Contractor must comply with screening requirements described in **CCGC-13-2020 COVID-19: Health Screening Questionnaire for Canadian Coast Guard Personnel and Visitors Accessing Canadian Coast Guard Facilities and Vessels**

Pricing Data Sheet

The Pricing Data Sheet will be provided with the minutes of the bidders' conference as a Solicitation Amendment that will be published in the coming days. It will be structured in a manner that will allow PWGSC and the Technical Authority to cancel any work that has not been started in accordance with the Contractor's schedule. Any cancelled work will be credited in its entirety as per the Pricing Data Sheet if it has not been started.

The Contracting Authority agreed to provide the pricing data sheet in Excel format upon request, but cautioned bidders that no changes to the pricing data sheet are permitted. Only pricing fields may be populated by bidders. Pricing data sheets that have been otherwise altered will be rejected, rendering the bid non-compliant.

Concurrent Work

During the planned work period some minor shipboard work will be performed by the crew on a non-interference basis. No outside contractors are expected to be working on the vessel. As the refit is unmanned, approximately 3-5 crew members will be present during the refit. They will be undertaking small tasks but will not interfere with the Contractor's work schedule.

Specification items added or removed for the work package

Added: No Specifications have been added to the work package.

Removed: No specifications have been removed from the work package.

Tender Deliverables

Bidders are reminded that in order for bids to be received, the following information must be included with the tender package, and received at PSPC prior to the Solicitation closing date and time:

- Fully completed and signed Page 1 of the Bid Solicitation document;
- Fully completed Annex F, Financial Bid Presentation Sheet;
- Fully completed Appendix 1 to Annex F, Pricing Data Sheet.

As part of the evaluation process all certifications and other requirements contained in parts 5 and 6 of the solicitation will be requested from the lowest bid received and evaluated. Therefore, all bids may not necessarily be fully evaluated.

Solicitation Document

Tender Submission

The Contracting Authority encouraged bidders to submit bids using ePost connect. Bidders are reminded that the mailroom at Bedford Row in Halifax is operating at reduced hours due to COVID-19, and the hours of operation are listed in the ITT document.

In accordance with Standard Instructions 2003, section 08, paragraph 2(b)(ii), bidders should open an ePost Connect conversation at least six business days prior to the solicitation closing date and time.

Specification Review

GENERAL NOTES:

It is confirmed that CCG will appoint a NACE Inspector for the preparation and coating of the freshwater tanks. The CCG, NACE and Shipyard will collaborate to coordinate the schedule of the NACE Inspector for the relevant specifications

1 SERVICES:

Question 1: Paragraph 1.6 regarding security indicates that there must be continuous 24 hour security 7 days per week during the work period. We understand this to mean that video, as indicated within that section, is acceptable to meet this requirement. Please confirm.

Response 1: Confirmed.

NSOP-511 applies to this refit and contractor is responsible for monitoring and screening all personnel accessing the vessel for symptoms of COVID-19. The requirements of NSOP-511 are the minimum acceptable requirements, however, Contractors may exceed these requirements.

Lead coatings have been identified on vessels within the fleet. As such, all coatings must be tested prior to the execution of any work that will disturb any untested coatings. These steps are mandatory and are in place to prevent personnel exposure to airborne lead particles in accordance with SERVICES section 22. This testing requirement also applies to all onboard equipment.

Question 2: XRF testing is indicated within the specification. Is a comparable product/method acceptable to utilize that will achieve the same results within the same timeframe, understanding that expedient testing is required.

Response 2: Yes

Bidders should note that a large allowance is in place for lead abatement and another for air quality testing under Services. Bidders are reminded that these services are only required in the event that lead is found to be present during testing of coatings under H-10.

2 PRODUCTION CHART

No questions or comments.

HD-01 BERTHING AND MOORING

No questions or comments.

HD-02 DRYDOCKING

Question 3: Will the vessel enter the dry-dock, railway, or graving dock under its own power?

Response 3: The Captain and crew will have control of the vessel until the vessel is docked. The vessel will enter into the dock under its own power to a point where the vessel is required to power down. It will then be manipulated by line handlers to be positioned over the blocks in a combined effort from both parties. The custody transfer will take place after the inspection of the spaces on board the ship whilst the ship is safely docked.

HD-03 HULL INSPECTION, BUTTS & SEAMS

No questions or comments

HD-04 ANODES

→The technical authority confirmed that the anodes are all of the weld on type.

HD-05 STORM VALVES & SEA CONNECTION INSPECTION

→ The technical authority indicated that it is important to begin this specification early in the refit to avoid delays as many valves are expected to be in need of repair or replacement.

Question 4: Is there a valve sizing chart available.

Response 4: It is contained within the technical data package.

HD-06 HULL CLEANING & VESSEL PAINTING

→ Bidders were reminded that any costs for vessel hoarding, staging, tarping, etc. are to be accounted for and included within the bid.

HD-07 SEA CHESTS & STRAINERS

No questions or comments

HD-08 RUDDER, RUDDER BEARING AND SKEG INSPECTION

- The technical authority indicated that there is a spare set of wear pads available from CCG storage in the event that the Contractor was unable to source in an expedient manner.

HD-09 SIDESHELL & BULKHEAD REPAIR

Question 5: Is there information on the size of the affected plating area?

Response 5: Bidders are requested to refer to the detailed drawings and information within the technical data package.

- The technical Authority recommended this specification item begin early in the refit to avoid delays. There is a significant amount of interferences in the form of panels, piping and electrical.

HD-10 PROPELLER SHAFT SEALS AND SHAFT CLEARANCES

No questions or comments

HD-11 TANK INSPECTIONS

Question 6: Paragraph 4.2.2 mentions a vacuum test but does not indicate a testing pressure. Please clarify.

Response 6: The technical authority confirms that a testing pressure of 2 PSI is sufficient.
See Specification amendments for further details.

HD-12 BOW THRUSTER GEAR OIL AND SEAL CHANGE

- The technical authority indicated that the seal kits, Government furnished, are in his possession and will be onboard the vessel when delivered to the Contractors facility.

HD-13 ANCHOR CHAIN AND CHAIN LOCKER INSPECTION

Question 7: How many shots is the anchor chain

Response 7: it is 7 shots in length. **See Specification amendments for further details.**

Question 8: How many shackles on the anchor chain.

Response 8: There is a joining shackle between each shot, one connecting to the anchor and a swivel connecting the anchor and chain. **See Specification amendments for further details.**

H-01 LIFERAFTS ANNUAL INSPECTION

No questions or comments

H-02 FIXED FIREFIGHTING SYSTEMS

No questions or comments

H-03 FIRE INSPECTION SYSTEM DETECTION

No questions or comments

H-04 PORTBLE FIRE EXTINGUISHERS

No questions or comments

H-05 ANNUAL DUCT CLEANING

- ➔ The technical authority requested that this item be reserved for near the end of the refit to minimize the dust and debris that may enter the ventilation system at the completion of the refit.

H-06 ANNUAL LIFEBOAT DAVIT INSPECTION

- The technical authority requested that this item be scheduled to begin early in the refit as parts requirements can sometimes have a significant leadtime from the OEM in the United Kingdom. (Welin Lambie)

H-07 ALLIED CRANE ANNUAL INSPECTION

- The Technical Authority reaffirmed that the OEM is not required for this specification item so long as the attending FSR is ABS approved to undertake the work scope.

H-08 FRESH WATER TANK CLEANING AND INSPECTION

- The Technical Authority cautioned the bidders that care must be taken upon the refill of the tanks, as in the past blockages have occurred in the piping of a similar vessel causing significant damage.

H-09 VENT & AIR PIPE MODIFICATION

- The technical authority cautioned that the measurement of the existing piping is approximate and must be verified prior to extending to ensure that the requirements of class are met.

H-10 LEAD COATING SURVEY AND MANAGEMENT PLAN

- Bidders should note that CCG will own the intellectual property of the *Vessel Specific Coating Management Plan* that is to be produced by the subcontractor.

H-11 TRAP HAULER INSTALLATION

- The Contracting Authority reminded bidders that the 5 sub-specifications are contained within the technical data package.

L-1 ANNUAL MEGGAR READINGS

No comments or questions

T-1 GMDSS SYSTEM REPLACEMENT

No comments or questions.

T-2 APX 8500 RADIO INSTALLATION

No comments or questions

T-3 VHF DIRECTION FINDER REPLACEMENT

No comments or questions

Open Discussion Items

Some discussion took place regarding interference items. Bidders generally agreed that in the absence of a formal vessel viewing it is difficult for them to identify interferences. PSPC and CCG will discuss and more information will be distributed in solicitation amendment 001.

There being no further questions or discussion, the CA adjourned at 1:55 pm ADT.

B. SOLICITATIONS QUESTIONS AND ANSWERS

General

Question 10: Without an opportunity to view the vessel bidders are unable to identify interferences. How will interferences be handled for all spec items?

Response 10: Canada acknowledges that it is difficult for interferences to be identified. Bidders are strongly encouraged to request photos and video footage of any location in which interferences may impact the work. Interferences that can't be identified in photos or video will be negotiated on a case-by-case basis.

ITT AMENDMENTS

Article 2.9.2 (ii) **Delete** the vessel transfer cost chart and insert:

Shipyard / ship repair facility	Applicable vessel transfer cost
Davie Québec Inc. Levis, QC	\$ 40,365.00
Verreault Navigation Inc. Les Méchins, QC	\$ 28,467.00
St John's Dockyard, St. John's NFLD	\$ 26,377.00
Irving Shipbuilding, Halifax, NS	\$ 195.00
Shelburne Ship Repair, Shelburne, NS	\$ 5,153.00
Lunenburg Industrial Foundry & Engineering, Lunenburg, NS	\$ 2,403.00
Aecon Atlantic Industrial Inc., Pictou, NS	\$ 18,358.00
Canadian Maritime Engineering, North Sydney, NS	\$ 12,275.00
Canadian Maritime Engineering, Clarendville, NFLD	\$ 30,253.00
Industries Océan Inc., Isle-aux-Coudres, QC	\$ 36,605.00

D. SPECIFICATION AMENDMENTS

HD-11 Tank Inspections:

Delete paragraph 4.2.2 in its entirety and insert the following:

4.2.2 The Contractor must provide a final vacuum test on each of the docking plugs if they are removed for the draining of the respective tanks to a test pressure of 2 psi. This vacuum test must be witnessed by the TA

HD-13 Anchor chain and chain locker Inspection:

Delete paragraph 1. In its entirety and insert the following:

The Contractor must arrange for the lowering of the anchor and chain without hydraulic power being available for operating the anchor winch. The anchor chain is 7 shots total, with a joining shackle between each shot. The last shot connecting the anchor, has a joining shackle and a swivel shackle.

E. PRICING DATA SHEET

See attached.

All other terms and conditions remain the same.

F5561-200689/A CCGS Corporal Teather
APPENDIX 1 TO ANNEX F

PRICING DATA SHEET

1- Services (41 Days X ____/ Day) to be adjusted in accordance with Annex F of Solicitation Document, Daily Services Fees)	1	\$ _____
10. Electric Power: \$ _____/kwh X 3000 kwh/day (estimate) X 41 days	2	\$ _____
13. Cranage: \$ _____ / hour X 20 hours (estimate)	3	\$ _____
14. Waste Oil: \$ _____ litre X 5,000 Litres (estimate)	4	\$ _____
18. Masonite: supply, install and remove 6mm: \$ _____ / M ² X 150 M ² (estimate)	5	\$ _____
Masonite/paper: supply, install and remove 3mm: \$ _____ / M ² X 100 M ² (estimate)	6	\$ _____
22(c) Allowance: Lead abatement & disposal	7	\$ 50,000.00
22 (g) Allowance: Airborn lead concentration testing	8	\$ 25,000.00
22 (h) Allowance: Access to heights & confined spaces for lead testing	9	\$ 10,000.00
2 – Production Chart	10	\$ _____
HD-01 – Berthing and Mooring	11	\$ _____
2.1 (3) Costs for tugs / pilots	12	\$ _____
HD-02 – Drydocking	13	\$ _____
2.1 (10) Unit cost to insert keel blocks (additional if requested)	\$ _____	
2.1 (10) Unit cost to remove keel blocks (additional if requested)	\$ _____	
HD-03 – Hull Inspection / Butts & Seams	14	\$ _____
2.1 (3) Arc gouging: \$ _____/foot X 50 feet (estimated)	15	\$ _____
2.1 (3) Welding: \$ _____ / bead foot X 150 feet (estimated)	16	\$ _____
2.1 (6) Person lift & operator: \$ _____ hour X 8 hours (estimated)	17	\$ _____
2.1 (8) Unit cost for gas free certificate	\$ _____	
2.1(8) NDT testing: \$ _____ test X 10 tests (estimated)	18	\$ _____
HD-04 – Anodes	19	\$ _____
2.1.1 Anode replacement- (MME 28AB): \$ _____/anode X 20 anodes (estimate)	20	\$ _____
2.1.2 Anode replacement (MME 26A): \$ _____/anode X 6 anodes (estimate)	21	\$ _____
2.1.4 Anode replacement: TRAC 24: \$ _____ anode X 2 anodes (estimate)	22	\$ _____
HD-05 – Storm Valves & Sea Connections Inspection	23	\$ _____
2.1(7) Machining time for repair: \$ _____/hour X 20 hours (estimate)	24	\$ _____
HD-06 – Hull Cleaning and Painting	25	\$ _____
<i>Underwater hull -330M²</i>		
2.1 (22) blasting to bare steel: \$ _____/M ² X 10M ² (estimate)	26	\$ _____
2.1 (22) sweep blasting: \$ _____/M ² X 320M ² (estimate)	27	\$ _____
2.1 (22) Prep & apply (1) coat Intershield 300, (1) coat Intergard 263, & Interspeed 640: \$ _____/M ² X 10M ² (estimate)	28	\$ _____
2.1 (22) Top coat: prep & paint (1) coat of Interspeed 640: \$ _____/M ² X 330M ² (estimate)	29	\$ _____
<i>2.1(29) Above waterline to top of Bulkwark</i>		
2.1 (29) Prep & apply (1) coat Intershield 300, (1) coat Intergard 263, & Interspeed 640: \$ _____/M ² X 25M 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) welding of grid securing taps: \$ _____ tab X 3 tabs (estimate)	33	\$ _____
HD-08 – Rudder, Rudder Bearing and Skeg Inspection	34	\$ _____
HD-09 - Sidshell & Bulkhead Repair	35	\$ _____

HD-10 – Propeller Shaft Seals & Shaft clearances	36	\$
HD-11 – Tank Inspections	37	\$
2.3 Removal/disposal of clean fuel: \$ /litre X 5,000 Litre (estimate)	38	\$
2.4 Removal/disposal of waste oil: \$ /litre X 2,000 Litre (estimate)	39	\$
2.5 Removal/disposal of sewage: \$ /litre X 2,000 Litre (estimate)	40	\$
2.17 Coating System Touch-Ups Dirty Oil Tank: \$ /M ² X 5M ² (estimate)	41	\$
2.18 Coating System Touch-Ups: \$ /M ² X 10 M ² (estimate)	42	\$
HD-12 – Bow Thruster Gear oil and Seal Change	43	\$
HD-13 Anchor Chain & Chain Locker Inspection	44	\$
5. Chain Locker Coating System Replacement: \$ /M ² X 5 M ² (estimate)	45	\$
H-01 - Liferrafts Annual Inspection	46	\$
2.1 (3) Sub-contractor allowance	47	\$ 5,000.00
H-02 – Fixed Fire Fighting Systems	48	\$
H-03 – Fire Detection System Inspection	49	\$
H-04 – Portable Fire Extinguishers	50	\$
H-05 – Annual Duct Cleaning	51	\$
H-06 – Annual Lifeboat Davit Inspection	52	\$
2.1 (2) FSR allowance	53	\$20,000.00
H-07 – Allied Crane Annual Inspection	54	\$
H-08 – Fresh Water Tank Cleaning and Inspection	55	\$
1.1 Supply & install new insulation: \$ /M ² X 3M ² (estimate)	56	\$
1.13 Prep & recoating of disturbed areas: \$ /M ² X 5M ² (estimate)	57	\$
H-09 – Vent & Air Pipe Modification	58	\$
H-10 – Lead Coating Survey & Management Plan	59	\$
2.1 (2) FSR allowance	60	\$
H-11 -Trap Hauler Installation	61	\$
Specification 1 - Railing Modification	62	\$
Specification 2 - Davit Arm Construction	63	\$
Specification 3 - Davit base construction	64	\$
Specification 4 - Hydraulic modifications	65	\$
Specification 5 - Electrical modifications	66	\$
L-01 – Annual Megger Readings	67	\$
T1 – GMDSS System Replacement	68	\$
T2 – APX 8500 Radio Installation	69	\$
T3 - VHF Direction Finder Replacement	70	\$
TOTAL TAXES NOT INCLUDED (items 1 to 70) This is the price for Known Work in Annex F		\$

