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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

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Title - Sujet CCGS EARL GREY DOCKING	
Solicitation No. - N° de l'invitation F5561-170718/A	Amendment No. - N° modif. 002
Client Reference No. - N° de référence du client F5561-17-0718	Date 2017-09-14
GETS Reference No. - N° de référence de SEAG PW-SHAL-302-10164	
File No. - N° de dossier HAL-7-79096 (302)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2017-09-20	Time Zone Fuseau horaire Atlantic Daylight Saving Time ADT
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: Gaudreau, Michel	Buyer Id - Id de l'acheteur hal302
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Solicitation Amendment No 002 is issued for the purposes of:

- 1. Providing the minutes of the Bidders Conference;**
- 2. Providing answers to questions submitted to the Contracting Authority;**
- 3. Replacing Specification Item VLE-01 MCC Upgrade**
- 4. Replacing Specification Item VLE-10 Galley and Main Deck HVAC Renewal**
- 5. Replacing Specification Item VLE-12 Galley Refit**
- 6. Replacing Specification Item T-01 Furuno Radar and Electronic Chart Display and Information System (ECDIS) Installation**

1. MINUTES OF THE BIDDERS CONFERENCE

Solicitation F5561-170718

Docking CCGS Earl Grey

The Bidders Conference for CCGS Earl Grey was convened at the Bedford Institute of Oceanography in Dartmouth, Nova Scotia on 29 August 2017. The following persons attended:

Michel Gaudreau	PSPC
Dannie Chipman	CCG
Sarah Hart	CCG
Nicole Robitaille	CCG
Rick VanDerBarren	CCG
Alexander Curry	CCG
James Jardim	CCG
Brandon Hart	ISI
David Cluett	ISI
Blair Martell	Aecon
David Shay	Davie
Mark Roebathan	Newdock
George Penney	Newdock
Charles Brown	Jastram

Prior to the bidders' conference starting the Contracting Authority distributed paper copies of revised specification items VLE-01, VLE-10 and VLE-12. Notes with minor amendments were also distributed. All new information provided is captured in the following notes and or have been uploaded to buyandsell.gc.ca.

Solicitation Closing

The Tender will close at 2:00 P.M. local, on 20 September 2017. (Revised Date)

Delivery (Revised Date)

The work period is:

Commencement of Work	2 October 2017;
Completion of Work	22 November 2017.

It was asked of bidders present that if the quantity of work versus the time period made available for this refit is adequate? No bidders present expressed any concern about the quantity of work. The Contracting Authority (CA) asked all present to make sure that concerns are brought to the CA's attention during the solicitation period. Bidders were also reminded that by submitting a bid, they are confirming that they have adequate resources to complete the work within the timeframe provided and take on a reasonable amount of unscheduled work.

Site Visit

There are no additional site visits planned for this docking. Bidders requiring additional information are to contact the Contract Authority. It was asked if additional viewing could be provided to subcontractors. CCG explained that the Earl Grey was proceeding to sea but was expected back shortly and would be on 30 minute standby. Requests for viewing should be submitted to the CA who will in turn contact CCG to confirm vessel availability.

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:

- 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. All bids may not necessarily be fully evaluated.

Solicitation Document

Bidders were asked if they have questions or queries with regards to any of the Instructions, Requirements, or Resulting Contract Clauses contained in the Invitation to Tender Document.

In reference to Annex "B" Basis of Payment, paragraph 2.1, Price Breakdown. It was asked if PSPC could provide reassurances that once unscheduled work had been negotiated and fully signed, it would not be unilaterally reopened by PSPC for renegotiation with the Contractor.

The Halifax office of PSPC Marine Procurement, considers a fully signed and agreed unscheduled work item as a binding amendment to the overall contract costs. It was further explained that in circumstances where final costs for work cannot be determined before it is undertaken, there are other means available to negotiate work to the furthest extent possible and have allowances or ceiling amounts put into place to protect all parties to the contract.

Pricing Data Sheet

The Pricing Data Sheet is provided with this Solicitation Amendment and is available for distribution on buyandsell.gc.ca.

Specification Review:

1-GENERAL NOTES:

Reference General Notes, paragraph 25. It was asked if the Contractor would be financially responsible for Asbestos Containing Materials encountered if the hazards are not clearly identified during the solicitation process.

To provide clarification to this concern and also to further clarify the Invitation to Tender document, Hazardous Waste (Part 7 - Section 7.15.3) – SACC Manual Clause A0290C - Hazardous Waste – Vessels. Bidders cannot be expected to include costs associated with the removal, handling, storage, disposal and/or working in the vicinity of hazardous materials if the necessary information is not provided during bid solicitation. Costs associated with unidentified hazardous materials will be considered unscheduled work.

2-SERVICES:

It was confirmed that the vessel will be considered unmanned while on dock.

It was asked if CCG would provide manpower to keep watch over fitted fire detection systems while workers are onboard. CCG indicated that the vessel would have minimal crew aboard but would keep someone aboard to match the hours of the contractor. The CA reminded all present that this does not absolve the contractor of the responsibilities associated with having care and custody of the vessel and does not reduce or eliminate any other requirements as described in "Services".

3 – PRODUCTION CHART

Reference paragraph 5.1.1 is deleted and is replaced with:

1. Contractor must provide a weekly production chart.

H-01 GREYWATER PIPING MODIFICATIONS

No questions or comments.

H-02 FM200 FIRE SYSTEM TCMSS INSPECTION

No questions or comments.

H-03 FIRE DETECTION SYSTEM TCMSS SURVEY

No questions or comments.

H-04 PORTABLE FIRE EXTINGUISHER ANNUAL SURVEY

No questions or comments.

H-05 LIFE RAFT ANNUAL INSPECTION & CERTIFICATION

Paragraph 2.1.2 was clarified to indicate that any required additional repairs would be undertaken and covered under the same allowance.

H-06 MIRANDA DAVIT INSPECTION ANNUAL SURVEY

Clarification was provided to indicate that as part of the Davit inspection, the wire cable will be removed and replaced with a new GSM wire.

Reference paragraphs 2.1.9 and 2.1.10. These sections are clarified to state that the FRC will remain in Dartmouth and will therefore will not be aboard on arrival at the contractor facilities.

Reference paragraph 2.1.8 is deleted and is replaced with:

No materials substitutions will be undertaken without the expressed written consent of Palfinger Marine Canada Inc.

H-07 PALFINGER DAVIT INSPECTION ANNUAL SURVEY

Reference section 5.1 REPORTS, DRAWINGS, AND MANUALS. It was asked if the Contractor is responsible to produce the report. The report will be completed by Palfinger Marine Canada Inc.

H-08 GALLEY EXHAUST DUCT CLEANING

No questions or comments.

H-10 VENTILATION DUCT CLEANING

No questions or comments.

H-12 ANCHORS, CHAINS AND CHAIN LOCKERS

Reference Paragraph 2.1.1. This paragraph is amended to read:

1. Both anchors must be lowered to the dock floor by Contractor. The ship's windlass will not be available, so Contractor must bid on supplying craneage, personnel, and equipment to lower the anchors and run out both chains. The port and starboard anchor chains are both 8 shots in length.

Consequently Reference Paragraph 2.1.23, is amended to read:

23. Ship's crew, will not be available for the removal and re-shipping of anchors and chains. Proper stowage of the chain in the chain lockers will remain the responsibility of

Contractor. Contractor must secure chains and anchors when completion of above work.

Reference Paragraph 2.1.2. It was asked if it was a requirement for the Contractor to bring in a Marine Chemist every day. It is not a requirement to bring in a Marine Chemist every day. While the vessel is in the Care and custody of the Contractor; the health and safety policy requirements of the shipyard and in accordance with the Canada Labour Code must be followed to ensure safe entry into confined spaces. While the vessel is in the care and custody of CCG; the requirements outlined in the DFO/5737 Fleet Safety Manual must be followed.

Reference Paragraph 2.1.20. It is confirmed that the 30 square meters is the total for both lockers.

Reference paragraph 2.1.22 the last sentence is deleted.

H-13 POTABLEWATER TANKS - STARBOARD

No questions or comments.

HD-01 BERTHING AND MOORING

No questions or comments.

HD-02 DRY DOCKING

No questions or comments.

HD-03 UNDERWATER HULL INSPECTION/BUTTS AND SEAMS

No questions or comments.

HD-06 ANFOMATIC ANTI-FOULING SYSTEM ANODES

Reference Part 1, Scope. The intent is amended to read:

“... corrosion control (TC) anodes in the ships...”

Reference paragraph 2.1.4. is clarified to state that the allowance for the FSR includes the services of the FSR as indicated in paragraph 2.1.14. Appendix 1 to Annex “F” reflects a single allowance for this specification item.

HD-07 CATHELCO SYSTEM ANODES

Reference paragraph 2.1.1 is amended to read:

“...with specification item HD-06 Anfomatic...”

Reference paragraph 2.1.6 is amended to read:

“...conjunction with HD-06 Anfomatic...”

HD-08 UNDERWATER HULL COATINGS

No questions or comments.

HD-09 HULL IDENTITY MARKINGS

No questions or comments.

HD-11 UNDERWATER HULL ANODES

No questions or comments.

E-01 AIR SAFETY VALVES

No questions or comments.

E-02 LIEBHERR CRANE ANNUAL INSPECTION

No questions or comments.

E-03 PORT AND STARBOARDWINDLASS BRAKE BANDS

No questions or comments.

E-04 INSTALLATION OF NEW BRIDGEWINDOW WIPERS

No questions or comments.

ED-01 PORT & STBD TAIL SHAFT REMOVAL & CPP HUB REFURBISHMENT

Reference Part 1, Scope. It was asked why the hubs and blade bolts were being shipped to Dartmouth for machining when the work could be done in the shipyard? The Contracting Authority stated that the decision to have Wartsila undertake the machining work is at the discretion of the client department. It is however noted that the contractor cannot be held responsible for any delays as a result of this work if the parts are shipped within 7 days of vessel arrival. It is also noted that all costs associated with machining work are outside of this contract and that there will be no additions to the contract as a result of the work being done at the Wartsila facility.

Reference paragraph 2.1.19. Bidders stated that there should be an allowance built into the specification to allow for shipping to ensure fair treatment of all bidders.

This specification item is amended to include an allowance of \$15,000.00 for shipping.

ED-03 FUEL TANKS SURVEY

Reference paragraph 2.1.9. There was substantial discussion with regards to the specification document asking for inclusive pricing for the hydrostatic testing of fuel tanks. These discussions also relate to specification item 2-Services, paragraph 26, Hydrostatic Testing. Many bidders present felt that requesting hydrostatic testing for fuel tanks was unnecessary and does not provide any additional protection or cost savings to Canada. These concerns are addressed as follows:

Paragraph 2.1.9 is deleted and is replaced with:

9. Testing requirement will be defined and specified by TCMSS Surveyor upon completion of inspection. Contractor must include their bid, air testing of all tanks listed. Additional testing requirements will be considered unscheduled work.

L-01 ANNUAL MEGGER TESTING

No questions or comments.

L-03 BREAKER MAINTENANCE

Reference paragraph 2.1.4 is amended as follows:

4. A time schedule must be worked out with the CGTA, Contractor and Schneider's as to when the breakers will be serviced. ~~As several breakers are required for the operation of the vessel, designated breakers will require work after hours. Contractor to include two evenings (1600 – 2000) in their bid price.~~

L-04 VARIOUS MOTOR OVERHAULS

It was noted by a bidder that the part number for motors bearings are not supplied. It was asked by the Contracting Authority if the information in Part 3 contained sufficient information for suppliers to provide pricing. Bidders present agreed that sufficient information is being made available.

T-01 FURUNO RADAR AND ELECTRONIC CHART DISPLAY AND INFORMATION SYSTEM (ECDIS) INSTALLATION

There was considerable discussion surrounding the supply and lengths of cabling required. It was agreed that the specification provides sufficient information in that all of the cabling is Government Supplied Material with the exceptions as noted in the specification.

Bidders requested clarification with regards to the lengths of the cables that need to be removed and lengths of the cable that need to be installed. It was agreed that if the tables within the spec were updated to include lengths; this would suffice to prepare bids.

Consequently specification item T-01 is deleted in its entirety and is replaced. The revised specification has been uploaded to buyandsell and is available to bidders.

VLE-01 MCC UPGRADE

This specification item has been replaced. Bidders present were provided with paper copies of the revised specification. The revised specification has been uploaded to buyandsell.gc.ca and is available to all bidders. There were no questions or comments.

VLE-02 PORT AND STARBOARD RUDDER REFURBISHMENT

Reference paragraph 3.1.2 is amended as follows:

2. The Contractor must bid on the following work for the port and stbd rudders and rudder trunks:
 1. Renew gudgeon Thordon SXL bearing and pintle stainless steel 316L sleeve.
 2. Renew rudder stock Thordon SXL bearing and rudder stock stainless steel 316L liner.
 3. ~~Renew~~ Remove carrier bearing and housing assemblies (including packing glands and thrust bearings).
 4. Renew stainless steel 316L rudder stock liner in way of packing gland.
 5. Build up and machine rudder stock in way of bearings to original specifications.
 6. Re-face rudder stock palm and rudder palm. Fabricate and install new Aquamet 22 fitted bolts and nuts.
 7. Sandblast and paint rudder trunk area.

Reference paragraph 3.2.9. Bidders asked that CCG provide further guidance in order for bidders to accurately determine the effort required, particularly regards the quantity of slot welds to be actioned as part of know work for estimating purposes. Paragraph 3.2.9 is amended to delete the slot welds from scope of work. Work required on the slot welds will be considered unscheduled work if required.

Reference paragraph 3.3.6 is amended as follows:

6. The Contractor must supply all ~~Thordon bearing materials and~~ all materials necessary to machine and fit the stainless steel sleeves and the ~~GSM~~ Thordon bearing material. The stainless steel sleeves are Contractor supplied.

Reference paragraph 3.4.5 is amended as follows:

5. The Contractor must supply ~~all Thordon bearing materials and~~ all materials necessary to machine and fit the stainless steel sleeves and to fit the ~~GFM~~ **GSM** Thordon bearing material.

Reference paragraph 3.5.4. Bidders stated that there should be an allowance built into the specification to allow for shipping to and from Jastram to ensure fair treatment of all bidders. This specification item is amended to include an allowance of \$25,000.00 for shipping.

Reference paragraph 3.7.2 is amended as follows:

“Contractor must must repair the rudder stock in way of the...”

VLE-05 MAIN BUOY DECK REPAIRS

Reference paragraph 3.1.3 is deleted in its entirety.

Reference paragraphs 3.4.2, 3.4.3, 3.4.4 and 3.4.5, are amended as follows:

2. Entire main **buoy** deck ~~prepared~~ **repaired** areas must first be given a Stripe coat of MC MIO ZINC (3mils DFT) to all edges, crevices, nuts, bolts, back-to-back angle and weld seams.
3. Entire main **buoy** deck ~~prepared~~ **repaired** areas to now receive 2 full primer coats of MC MIO ZINC (3mils DFT per coat) and be allowed to cure.
4. Entire main **buoy** deck ~~prepared~~ **repaired** areas to now receive first intermediate coat of MC TAR BLACK (6mils DFT)
5. Entire main **buoy** deck ~~prepared~~ **repaired** areas to now receive second intermediate coat of MC TAR RED (6mils DFT).

The Contracting Authority informed CCG that this specification item appears incomplete and is missing sections. Missing are Proof of Performance and Deliverables.

Specification item VLE-05 is amended to add:

4. Proof of Performance:

4.1 INSPECTION

1. All work must be carried out to the satisfaction of CGTA.

4.2 TESTING

1. Contractor to provide welding procedures for repairs identified in this specification item.

4.3 CERTIFICATION

1. Contractor to provide mill certificates for metal used to complete repairs.

5. DELIVERABLES:

5.1 REPORTS, DRAWINGS, AND MANUALS

1. Contractor must supply a final report containing a copy of the certificates, inspections, test results, measurements, recommendations, etc. to the CGTA. Contractor must supply an electronic copy of the final report in PDF format to the CGTA.

5.2 SPARES

N/A – INTENTIONALLY LEFT BLANK

5.3 TRAINING

N/A – INTENTIONALLY LEFT BLANK

VLE-09 FOCSE DECK COVERING RENEWAL

Reference paragraph 3.1.2. It was asked how much of the area entails the removal of cement coating?

The cement coating is under every area being worked on and should be taken into account when pricing up the flooring work. The entire floating floor and washroom deck systems contain a component of cement, expanded metal, and floating floor insulation. Drawing #VNEA_771-000 Deck Coverings clearly shows all components of the flooring deck throughout the focse deck area.

Subsequent to the Bidders Conference, it has been noted that it may not be clearly indicated that the flooring requirements also include complete renewal of the flooring in the washrooms. Bidders are to ensure that all six (6) locations listed include washroom floors.

Subsequent to the Bidders Conference bidders are to note that reference paragraph 4.8.5. is clarified to state that the deck covering shall be Colorflake VP. This material will be supplied by Canada. Contractor must confirm exact quantities required at the start of the refit. Additional material requirements will be ordered by way of PWGSC 1379.

Subsequent to the Bidders Conference, paragraph 4.8.10 is amended to indicate that the existing panels are to be reused.

Subsequent to the Bidders Conference bidders are to note that reference paragraph 4.9.4. is clarified to state that the top coat in the passageways and cabins will be 2mm rolled vinyl flooring. This material will be supplied by Canada. All subfloor material (Decklite) remains the responsibility of the Contractor. Contractor must confirm exact quantities required at the start of the refit. Additional material requirements will be ordered by way of PWGSC 1379.

Subsequent to the Bidders Conference bidders are to note that reference paragraph 4.9.5. is clarified to state that the deck covering shall be Colorflake VP. This material will be supplied by Canada. Contractor must confirm exact quantities required at the start of the refit. Additional material requirements will be ordered by way of PWGSC 1379.

VLE-10 HVAC SEATING RENEWAL

This specification item has been replaced and renamed. Bidders present were provided with paper copies of the revised specification. The revised specification has been uploaded to buyandsell.gc.ca and is available to all bidders. There were no questions or comments.

VLE-11 BOAT DECK COVERING RENEWAL

Reference paragraph 3.1.2. It was asked how much of the area entails the removal of cement coating?

The cement coating is under every area being worked on and should be taken into account when pricing up the flooring work. The entire floating floor and washroom deck systems contain a component of cement, expanded metal, and floating floor insulation. Drawing #VNEA_771-000 Deck Coverings clearly shows all components of the flooring deck throughout the boat deck area.

Reference paragraph 4.6.1. It was asked to confirm if the rust inhibiting epoxy primer similar to International Paint's Intershield 300 is compatible with the Dexotex Flooring? It is confirmed that International Paint's Intershield 300 is compatible with Dexotex Flooring. Bidders are also to note that Amercoat 240 is an acceptable equivalent product for this application.

Reference paragraph 4.8.1 is deleted and is replaced with:

1. The Contractor must refurbish the shower stalls aboard the vessel as listed below:
 - a) 2nd/3rd Engineer
 - b) Bosun/Chief Cook

Subsequent to the Bidders Conference, it has been noted that it may not be clearly indicated that the flooring requirements also include complete renewal of the flooring in the washrooms. Bidders are to ensure that all locations listed include washroom floors.

Subsequent to the Bidders Conference, the Inboard Seaman's Cabin is added to the overall requirement. Hence section 4.1, Boat Deck, is deleted and is replaced with:

1. The approximate areas of deck covering to be removed and replaced are as follows:

Location	Area (m ²)
Passageways (Starboard)	26
Boatswain	12
Chief Cook	12
2 nd Engineer	12
3 rd Engineer	11
Oilers	11
Engineers Office	8
Inboard Seaman's Cabin	8
Washrooms	6

Subsequent to the Bidders Conference, paragraph 4.8.10 is amended to indicate that the existing panels are to be reused.

Subsequent to the Bidders Conference bidders are to note that reference paragraph 4.9.4. is clarified to state that the top coat in the passageways and cabins will be 2mm rolled vinyl flooring. This material will be supplied by Canada. All subfloor material (Decklite) remains the responsibility of the Contractor. Contractor must confirm exact quantities required at the start of the refit. Additional material requirements will be ordered by way of PWGSC 1379.

Subsequent to the Bidders Conference bidders are to note that reference paragraph 4.9.5. is clarified to state that the deck covering shall be Colorflake VP. This material will be supplied by Canada. Contractor must confirm exact quantities required at the start of the refit. Additional material requirements will be ordered by way of PWGSC 1379.

VLE-12 GALLEY REFIT

This specification item has been replaced. Bidders present were provided with paper copies of the revised specification. The revised specification has been uploaded to buyandsell.gc.ca and is available to all bidders.

CCG indicated that the range and fridge are GSM.

VLE-13 HVAC UPGRADE

No questions or comments.

Other Items:

CCG provided clarification to the various terms used within the spec to designate Contractor versus Government furnished equipment. CSM and CFM both designate supplied by the Contractor. GSM, GFM and GFE all designate supplied by the Government.

In all instances within the specification document where reference is made to "Any defective studs must be renewed as per H-11." These references are deleted as specification item H-11 has been removed from the overall scope of work.

In all instances within the specification document where reference is made to TA. This acronym is for Technical Authority which is equivalent to CGTA (Coast Guard Technical Authority). Contractually, the correct terminology is TA (Technical Authority).

There being no other issues the meeting was adjourned at 1500 local.

2. QUESTIONS SUBMITTED TO THE CONTRACTING AUTHORITY

Question 1:

Reference Specification Item **L-03 Breaker Maintenance**. Paragraph 2 states "Contractor shall note that the Vessel will need to go on ship's power while the shore power breaker is removed, the Vessel won't be able to do this while the generator cables are being replaced." There is no mention within the specification document that the shore power breaker is being removed or that the generator cables are being replaced. Please clarify what other work is being undertaken by CCG so that interference work can be fully understood.

Answer 1:

The generator cables are not being replaced at this time.

Question 2:

Reference Specification Item **VLE-01 MCC Upgrade**. Please provide reference drawings VNEA2 E-1 Electrical Power Single Line Diagram 1 of 2 and VNEA2 E-1 Electrical Power Single Line Diagram 2 of 2.

Answer 2:

The drawings have been uploaded to buyandsell and are available to bidders.

Question 3:

Reference Specification Item **VLE-12 Galley Refit**. Reference Technical Data Package Document C14-40-601-01 R1 Galley Arrgt Equip Select Rep Para 3.3 Range

Our supplier states as follows;

"This goes back a few years, which is not a problem for quoting. The issue we have is with item #3.3 Range. Garland Canada Model # S684. This was specified and priced back in 2014 for Concept Naval Architects, at that time it was brought to the attention that this item is not suitable for this environment (undersized in durability and capability). They should have specified Garlands' 36E series product line. I am not sure at this stage if there is anything that can be done to change the specification or not, Garland Canada is aware of this project, but is not comfortable with the choice of the S684 series range"

If there is an opportunity for CANADA to revisit this item choice and confirm if HD 36E series ranges can be acceptable for bid purposes?

Answer 3:

The range is Government Supplied material as per the minutes of the Bidders Conference.

Question 4:

Reference Specification Items **VLE-09 Focsle Deck Covering Renewal**, and **VLE-11 Boat Deck Covering Renewal**. Specifically paragraphs 9 and 10 of sections 4.8 of these specs make reference to shower bulkhead panels requiring replacement. Item VLE-09 makes reference to these panels being Contractor supplied and VLE-11 is not clear. Please clarify who is supplying the bulkhead panels and provide additional information regards the required materials (tiles or panel) to be purchased and installed?

Answer 4:

The existing panels are to be re-used. The contractor is to remove and reinstall existing.

Question 5:

Reference Specification Items **VLE-13 HVAC Upgrade** paragraph 2.2.1. Please provide the reference material?

Answer 5:

The revised information has been uploaded to buyandsell and is available to bidders.

Question 6:

Regards **VLE-09 and VLE-11**, our subcontractor for the supply and install of the flooring is asking if it is possible for CCG to provide a brand and model of flooring that they would like installed. This subcontractor is presently making inquiries to various suppliers, but is having difficulty finding information on products that will meet the specifications requested.

Answer 6:

All Floor coverings will be supplied by Canada (rolled vinyl and Colorflake). All subflooring material remains the responsibility of the Contractor. Contractor shall note that some floor covering materials have considerable delivery lead times, it will therefore be very important to ensure that if insufficient quantities are anticipated, it is brought to the attention of the CGTA.

Question 7:

Reference Specification Item **VLE-10 HVAC Seating Renewal**. Paragraph 3.2.2 refers to Personnel being responsible for taking Ultrasonic readings. There is no mention of Ultrasonic reading requirements in this specification item. Please clarify?

Answer 7:

Paragraph 3.2.2 is deleted in its entirety.

Question 8:

Reference Specification Item **VLE-13 HVAC Upgrade**. Can you please confirm how much, if any, ductwork we are replacing/modifying? Also, are we just replacing the one HVAC unit that we looked at during the viewing? There is limited detail on this in the specification. According to the only ductwork drawing provided with the specification, it looks like we are in fact replacing 3 units on different decks as opposed to the one unit that we looked at during the vessel viewing. There is also a significant amount of ductwork around the vessel to be fabricated/installed. Furthermore, there is also a bill of material document & other reference documentation referenced on this drawing that we would require as well as these were not yet supplied. Please provide clarification?

Answer 8:

The missing Technical Data Package information for this specification item has been uploaded to buyandsell and is available to bidders. Please note the following clarification regards the information provided.

The documentation that has been provided as part of the Technical Data Package provides an abundance of information that is not necessarily relevant for this portion of the installation. The information was created as part of Vessel Life Extension and the installation being undertaken during this docking relate only to the Main Deck HVAC. For accuracy, the following clarification in documentation is provided:

a) HVAC Report – P201404001-A1:	Parts of this document apply.
b) Humidification Report – P201404001-A2	Parts of this document apply.
c) VNEA2 761-014	Parts of this document apply.
d) C14-40-512-00	Document does not apply
e) C14-40-512-00	Document does not apply
f) C14-40-512-01	Pages 2&4 only apply
g) C14-40-512-02	Page 3 only applies
h) C14-40-512-05	This document does apply.

Section 3.6.1.9 refers to document C14-40-512-04. This document does not apply. To further clarify the Section 1, Identification; additional clarification is provided as follows: Only the main deck a/c unit is to be replaced, along with a new thermostat (GSM). The only duct work required will be to adapt the new a/c unit into the existing ductwork.

Ductwork requirements:

Intake air dimension is approximately 23"x12" and reduces to 12", as seen in the reference drawings. Total length is estimated to be approximately 5 feet in length. Actual length will have to be determined once the unit is in place.

Discharge ducting will be a very short piece, depending on the final height of the new unit. Existing ducting is 15"x15" and the new adapter piece is estimated to be approximately 1 to 2 feet in length. Actual length will have to be determined once the unit is in place.

Question 9:

Would Canada consider the use of International Paint Products as equivalents to Amercoat Products for the complete scope of work?

Answer 9:

No.

3. Replacing Specification Item VLE-01 MCC Upgrade.

Specification item VLE-01 MCC Upgrade (pages 192 to 194) is deleted in its entirety and is replaced. The revised specification has been uploaded to buyandsell and is available to bidders.

4. Replacing Specification Item VLE-10 Galley and Main Deck HVAC Renewal.

Specification item VLE-10 Galley and Main Deck HVAC Renewal (pages 224 to 232) is deleted in its entirety and is replaced with **VLE-10 HVAC Seating Renewal**. The revised specification has been uploaded to buyandsell and is available to bidders.

5. Replacing Specification Item VLE-12 Galley Refit.

Specification item VLE-12 Galley Refit (pages 243 to 270) is deleted in its entirety and is replaced. The revised specification has been uploaded to buyandsell and is available to bidders.

6. Replacing Specification Item T-01 Furuno Radar and Electronic Chart Display and Information System (ECDIS) Installation

Specification item T-01 Furuno Radar and Electronic Chart Display and Information System (ECDIS) Installation (pages 160 to 191) is deleted in its entirety and is replaced. The revised specification has been uploaded to buyandsell and is available to bidders.