



RETURN BIDS TO:

RETOURNER LES SOUMISSIONS À:

Bid Receiving - PWGSC / Réception des soumissions -
TPSGC
11 Laurier St. / 11, rue Laurier
Place du Portage , Phase III
Core 0B2 / Noyau 0B2
Gatineau, Québec K1A 0S5
Bid Fax: (819) 997-9776

**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
Ship Refits and Conversions / Radoubss et
modifications de navires and / et
11 Laurier St. / 11, rue Laurier
6C2, Place du Portage
Gatineau, Québec K1A 0S5

Title - Sujet Regulatory Drydock , inspection	
Solicitation No. - N° de l'invitation F2599-230002/A	Amendment No. - N° modif. 002
Client Reference No. - N° de référence du client F2599-230002	Date 2023-04-18
GETS Reference No. - N° de référence de SEAG PW-\$\$MD-047-29016	
File No. - N° de dossier 047md.F2599-230002	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM Eastern Daylight Saving Time EDT on - le 2023-05-03 Heure Avancée de l'Est HAE	
F.O.B. - F.A.B.	
Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Slater, Hugh	Buyer Id - Id de l'acheteur 047md
Telephone No. - N° de téléphone (343) 553-9156 ()	FAX No. - N° de FAX () -
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

Yeah for sure

F2599-230002

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

F2599-230002

N° de l'invitation - Solicitation No.

002

File No. - N° du dossier

047md. F2599-230002

N° de la modif - Amd. No.

047md

N° CCC / CCC No./ N° VME - FMS

Id de l'acheteur - Buyer ID

Amendment 002 to the RFP is raised to:

1. **To Supply Bidder's Conference Minutes**
 2. **To Replace Annex H-Appendix 1**
 3. **To Replace Request For Proposal (RFP)**
 4. **To Replace Statement of Work**
 5. **To Change the Bid Closing Date**
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1.To Supply Bidder's Conference Minutes

CCG Limnos
PWGSC File Number: F2599-230002
Bidders' Conference
April 12, 2023 @ 11am EST
In-Person/Online

Attendees:

Hugh Slater – PSPC

Robert Hellier – CCG

Limei Li – CCG

Kevin Krawiec – Heddle Shipyards

Dave Williams – Heddle Shipyards

Audrey Sherping – Groupe Océan

Regis N'DA – Groupe Océan

OPENING REMARKS:

Canada welcomed all bidders and thanked them for their participation in the process and introduced teams from PSPC and CCG.

The purpose of the conference was to review all documents issued to date with respect to the CCG Vessel Life extension of the Limnos and to discuss any contractual and technical issues related to them. Canada stated that they will not be reading the document in its entirety, only highlighting specific areas; it is assumed that prospective bidders have read the document and have some predefined questions or that clarifications are required after the site visit.

PART 1:

1) Documents Issued to Bidders:

The following documents have been published:

A) Request for Proposal (RFP) package for solicitation No. F2599-230002 dated March 24, 2023.

B) Solicitation Amendments – Amendment 1

2) Reminders on the procurement process.

The following comments were made by the PSPC Contracting Authority (CA):

- a. Bid Closing date is April 26, 2023 at 2:00 PM Eastern Daylight Time.
- b. Bids are to be submitted to the PSPC Bid Receiving Unit via EPOST ONLY.
- c. Bidders can only request clarifications/changes to the RFP to the PSPC CA up to 5 business days prior to the bid closing date.
- d. Bidders must not add comments, notes or conditions to the RFP. Adding comments, notes or conditions to the RFP will result in the bid being non-responsive.

3) Review of the Request of the Proposal (RFP)

a. Part 1 to 7 Instructions and Procedures (PWGSC)

Part 1 – General Information on the project:

To carry out the docking, inspection, repair, and maintenance and alterations of the Canadian Coast Guard Research and Survey Vessel Limnos in accordance with Annex A - Statement of Work, and any associated technical information. Only 1 contract will be issued

Work Period: June 10, 2023-July 20, 2023

Part 2 – Bidder Instructions:

Bids must be submitted only to PWGSC Bid Receiving Unit by the date, time and place designated on the front page of the RFP of the bid solicitation.

All inquiries must be submitted in writing to the Contracting Authority (CA) no later than five (5) working days before the bid closing date. inquiries received after that time may not be answered.

Part 3 – Bid Preparation Instructions:

Only Epost accepted

Prices can only be appear in the financial bid.

Part 4 – Evaluation Procedures and Basis of Selection:

Bids will be assessed in accordance with the entire requirement.

Canada reserves the right to request information to support any bid requirement.

Basis of Selection – the lowest priced compliant bid will be recommended for contract award.

Part 5 –is information regarding Certifications, nothing out of standard here.

Part 6 – Financial and other requirements

Part 7- Resulting Contract Clauses

Review of Annexes

Annexes B to K (PSPC)

Annex B Basis of Payment:

Annex C to Part 5 of the bid solicitation - certification that is required with your bid

Annex D Insurance requirements

Annex E Warranty

Annex F Procedure for unscheduled work

Annex G is quality control and Inspection

Annex H – Financial bid Presentation – which included excel spreadsheet Annex H – Appendix 1

Annex J – Deliverables and checklists

Annex K is templates

Part 2:

Review of the Technical Specification by CCG.

Questions Provided by Bidders at Conference and Online

Bidder's Question: Can we receive the 2022 NETE steel condition survey results ?

CCG's Response: Yes. The survey results are included in the amendment.

Bidder's Question: regarding 11.4.3.3.8 and 11.4.3.4.16, which test should the contractor perform? Hydrostatically pressure test or pneumatically pressure test?

CCG's Response: CCG will allow pneumatic pressure tests as an alternative. See below.

Remove Clause 11.4.3.3.8

The Contractor must remove the drain plugs from the two (2) skegs and hydrostatically pressure test the skegs with a pressure of 0.1 bar (1.5 lbs.) for a one-hour period. The TA must be given the opportunity to witness this test. Any leaks must be included in the mark-up of the shell expansion plan for repair.

Replace with clause 11.4.3.3.8

The Contractor must remove the drain plugs from the two (2) skegs and hydrostatically or pneumatically pressure test the skegs. The TA and RO must be given the opportunity to witness this test. Any leaks must be included in the mark-up of the shell expansion plan for repair:

- 1) If Hydrostatically tested, the test pressure must be a minimum of 2.4 meter of head (3.4 PSI) for a one-hour period.
- 2) If pneumatically tested, the test pressure must be between 1.5-2.0 PSI for a one-hour period. The Contractor must use a flexible, clear U-tube open water manometer and leak identification by soap/water mixture.
- 3) If pneumatically tested, the manometer must be set up to overflow when pressure exceeds 2.0 PSI, allowing venting of tank pressure. For this purpose the inner diameter of the tube must be 2x the diameter of the air inlet hose. The Contractor must also fit a calibrated gauge (range of 0-10 PSI or less) after the inlet air regulator of air supply.

Remove Clause 11.4.3.4.16

The Contractor must pneumatically test the skegs using air at a pressure of 0.15 bar (2.2 psi) for a 1-hour period. The contractor must arrange the RO and TA to witness these tests. All additional work as a result of failed pressure tests, including the cost of the re-inspections, must be at the expense of the contractor.

Replace with clause 11.4.3.3.16

If repairs are made to the skegs, the Contractor must hydrostatically or pneumatically pressure test the repaired skegs for a one-hour period. The TA and RO must be given the opportunity to witness this test:

- 4) If Hydrostatically tested, the test pressure must be a minimum of 2.4 meter of head (3.4 PSI).
 - 5) If pneumatically tested, the test pressure must be between 1.5-2.0 PSI and the Contractor must use a flexible, clear U-tube open water manometer and leak identification by soap/water mixture.
 - 6) If pneumatically tested, the manometer must be set up to overflow when pressure exceeds 2.0 PSI, allowing venting of tank pressure. For this purpose the inner diameter of the tube must be 2x the diameter of the air inlet hose. The Contractor must also fit a calibrated gauge (0-10 PSI or less) after the inlet air regulator of air supply.
-

Bidders Question: Could CCG provide details of the chemical cleaning required for the Keel coolers?

CCG Response: Yes. See below

Remove clause 11.7.9.2

The Contractor must chemically clean the interior surfaces of the keel coolers, followed by a pressure test at 0.1 bar (1.5 lbs.) for a one-hour period.

Replace with

11.8.7.2 (note change in clause number caused by changes to numbering in this section)

The Contractor must chemically clean the interior surfaces of the keel coolers as follows;

- 7) Perform for each keel cooler an initial flush of clean water with drains open to clear debris. Close drains;
- 8) Each keel cooler to be connected to a flushing system comprising a circulating loop mimicking the in-service circulation;
- 9) When fitted to the flushing system, the keel cooler must be filled with a mixture of clean water and Caterpillar Fast Acting Cooling System Cleaner in a 15:1 mix ratio and circulated for at least 30 minutes at between 82°C to 95°C;
- 10) Perform a post flush cleaning of each keel cooler with clean water until water runs clear;
- 11) Perform a pressure test of each keel cooler at 0.1 bar (1.5 lbs.) for a one-hour period.

Bidder's Question: Regarding 12.2.3.15.1, which one of these 2 lower outrdrive housing coatings options (Section A or Section B) we should consider for our bidding purpose?

CCG's Response: Either coating system is acceptable to the CCG. No changes to the SOW required to address this question.

Bidder's Question: Regarding 12.3.3.1, what is the shipping address of Rexroth for old starboard HPU removed?

CCG's Response: The Shipping Address is provided in 12.3.1.2.1, but is clarified in clause revisions, below:

Remove clause 12.3.3.1

The Contractor, under the supervision of the Rexroth FSR, must remove the starboard HPU and ship to Rexroth using OEN approved shipping method, packing, container and labelling.

Replace with Clause 12.3.3.1

The Contractor, under the supervision of the Rexroth FSR, must remove the starboard HPU and ship to Rexroth at the address given in 12.3.1.2.1 using OEM approved shipping method, packing, container and labelling. Shipping cost must be covered by Contractor.

Remove clause 12.3.3.2

The Contractor must ship the removed HPU prior to the completion of the contract. Shipping cost must be covered by Contractor.

Replace with Clause 12.3.3.2

The Contractor must provide the shipment tracking number to the TA and Rexroth Canada, Attention Brad Dick, Service Group Leader.

Bidder's Question: regarding section 12, could CCG provide an allowance for travel/accommodations for the Thrustmaster FSR?

CCG Response: Yes. See below

Remove clause 12.2.3.1

The Contractor must perform the eight-year maintenance/survey as per OEM recommendation of the starboard azimuth thruster under the supervision of the Thrustmaster FSR.

Replace with

The Contractor must perform the eight-year maintenance/survey as per OEM recommendation of the starboard azimuth thruster under the supervision of the Thrustmaster FSR. The Contractor must include an allowance of \$10,000 to cover the cost of services to be provided by Thrustmaster. Reasonable cost of travel, living expenses must be billed at cost without added overhead or profit. The allowance must form part of the overall bid and must be adjusted up or down by means of PWGSC 1379 process upon receipt of the final FSR invoice supported by copies of all related documentation and invoices to verify actual expenses.

Bidder's Question: Regarding section 12.3, could CCG provide a travel and accommodations allowance for the Techsol FSR?

CCG Response: Yes. See below.

Remove 12.3.3.8

The Contractor must schedule the Techsol FSR to be present at sea trials to adjust and confirm input settings to both the starboard and port HPUs.

Replace with 12.3.3.8

The Contractor must schedule the Techsol FSR to be present at sea trials to adjust and confirm input settings to both the starboard and port HPUs. The Contractor must include an allowance of \$10,000 to cover the cost of services to be provided by Techsol. Reasonable cost of travel, living expenses must be billed at cost without added overhead or profit. The allowance must form part of the overall bid and must be adjusted up or down by means of PWGSC 1379 process upon receipt of the final FSR invoice supported by copies of all related documentation and invoices to verify actual expenses.

Bidder's Question: Regarding Sections 12 and 15 where hydrostatic testing of hull repairs are required, will the CCG consider pneumatic testing instead?

CCG response: Yes. See below.

Remove Clause 15.2.4.10

The Contractor must perform a hydrostatic pressure test on each tank with pressure of 0.1 bar (1.5 lbs.) for a 1-hour period. Any additional work required due to a failure of the hydrostatic pressure test, including the costs of retesting, must be at the Contractor's expense.

Replace with Clause 15.2.4.10

The Contractor must perform either of pneumatic or hydrostatic pressure test on each tank. Any additional work required due to a failure of the pressure test, including the costs of retesting, must be at the Contractor's expense.

- 12) If Hydrostatically tested, the test pressure must be a minimum of 2.4 meter of head (3.4 PSI) for a one-hour period.
- 13) If pneumatically tested, the test pressure must be between 1.5-2.0 PSI for a one-hour period. The Contractor must use a flexible, clear U-tube open water manometer and leak identification by soap/water mixture.
- 14) If pneumatically tested, the manometer must be set up to overflow when pressure exceeds 2.0 PSI, allowing venting of tank pressure. For this purpose the inner diameter of the tube must be 2x the diameter of the air inlet hose. The Contractor must also fit a calibrated gauge (range of 0-10 PSI or less) after the inlet air regulator of air supply.

Bidder's Question: Regarding 15.5.4.3, the Job description refers to Appendix B but doesn't show PW new manifold. Can you please clarify?

CCG's Response: The Reference to appendix B is an error. Images are shown in the specification section

Remove Clause 15.5.4.3.1

The Contractor must replace the upper "Supply" portion of the PW manifold with a new manifold. See pictures in Appendix B.

Replace with Clause 15.5.4.3.1

The Contractor must replace the upper "Supply" portion of the PW manifold with a new manifold. See figure 15.5.A.

Remove Clause 15.5.4.3.2

The Contractor must replace the entire fill/supply line between the PW manifold and the #1 PW tank, including the portion of line inside the tank and three (3) welded spools transiting watertight bulkheads. See pictures in Appendix B.

Replace with Clause 15.5.4.3.2

The Contractor must replace the entire fill/supply line between the PW manifold and the #1 PW tank, including the portion of line inside the tank and three (3) welded spools transiting watertight bulkheads. See Figures 15.5.B to 15.5.H

Bidder's Question: Regarding section 15.9, may the Contractor be provided specific permission to cut holes into the underwater portion of the hull?

CCG response: Yes. See below.

Add clause 15.9.4.1.7

The Contractor must determine and obtain approval from the TA for necessary cut-outs required to be made to hull plating to permit entry/exit of equipment, drainage and ventilation during the course of work within this specification. Wherever possible the contractor must make use of cut-outs required for hull repairs and only perform additional cut-outs where the repair cut-outs are determined to be insufficient.

Bidder's Question: Regarding 16.1.1.2, the Belzona technical service representative (TSR) will be contracted by CCG?

CCG's Response: No. The Bidder must contract the Belzona TSR

Remove Clause 16.1.1.2

A CCG contracted level 2 NACE inspector will oversee the substrate preparation, epoxy repairs, and coatings preparation and application work. A Belzona Technical Service Representative (TSR) will support the application of their epoxy repair coatings.

Replace with Clause 16.1.1.2

A CCG contracted level 2 NACE inspector will oversee the substrate preparation, epoxy repairs, and coatings preparation and application work. A Contractor-retained Belzona Technical Service Representative (TSR) will support the application of their epoxy repair coatings.

Bidder's Question: Regarding 16.1.3.1.3, the third party welding inspector certified CWB W 178.2 level 2 or 3 is under CCG charge or contractor's charge?

CCG's Response: All Welding inspectors for the entire drydock work specification must be retained and scheduled by the Contractor.

Remove Clause 16.1.3.1.3

The Contractor must arrange all completed welds to be examined by third-party welding inspectors that are certified by the Canadian Welding Bureau (CWB) to CSA W178.2, Level 2 or 3 having code endorsements for CSA Standards W47.1:19 and W59. Current copies of certification must be provided to the TA in advance of performing the inspections and formal inspection reports must be supplied to the TA upon request.

Replace with Clause 16.1.3.1.3

The Contractor must arrange all completed welds to be examined by third-party welding inspectors that are certified by the Canadian Welding Bureau (CWB) to CSA W178.2, Level 2 or 3 having code endorsements for CSA Standards W47.1:19 and W59. Current copies of certification must be provided to the TA in advance of performing the inspections and formal inspection reports must be supplied to the TA upon request. The Contractor must include the cost of welding inspectors in their bid. The Contractor must retain the welding inspector(s) and schedule their inspections.

Bidders Question: Can we have a 3-week extension for the submission of our proposal? Therefore, that the submission is postponed to May 17, 2023?

CCG's Response: a Three week extension is considered to jeopardize the planned start of the drydock work period. The CCG will permit an extension of 1 week, therefore May 3, 2023.

Bidder's Question: Regarding 10.1.3.6.1, may the Contractor consider mounting the Control and display electronics unit inside the cabinet, as opposed to on the door of the cabinet?

CCG response: Yes. See below.

Remove 10.1.3.6.1

The Contractor must install the Electronics Unit under the bridge console, attached to the door shown in figure 18.1.F. The Contractor must include extra cabling such that when the door is repeatedly opened and closed no cable strain or extra cable tension occurs.

Replace with 18.1.3.6.1 (note the number-correction from 10 to 18 to this entire section)

The Contractor must install the Electronics Unit under the bridge console, in a location to allow reasonable access for servicing and as approved by the TA or TA designate. Mounting options may include door mounting as shown in figure 18.1.F. The Contractor must include extra cabling such that, when the door is repeatedly opened and closed, no cable strain or extra cable tension occurs.

Bidder's Question: Regarding 10.1.3.8.7, can the CCG indicate how many watertight glands will be required to run the speed log cables?

CCG's Response: CCG can provide an estimate. See amendments below

Remove clause 10.1.3.8.7

When a cable is removed by the Contractor, the Contractor must supply and install a new Roxtec module in all instances where the cable was going through a Roxtec cable transit.

Replace with 18.1.3.8.7

When a cable is removed by the Contractor, the Contractor must supply and install a new Roxtec module in all instances where the cable was going through a Roxtec cable transit. The Contractor must bid on replacement of seven (7) Roxtec modules. Actual number of Roxtec modules replaced will be adjusted up/down via PWGSC form 1379 process.

CCG SOW Changes Mentioned in Conference

11.6.1.1

Remove

The CCG requires that all suction, overboard discharge and storm valves on the Limnos' hull be opened up, dismantled, cleaned, inspected, reassembled and pressure tested. All ship-side valve installations will have to be confirmed as watertight subsequent to submersion.

Replace with

The CCG requires that all suction, overboard discharge and storm valves on the Limnos' hull be removed, opened up, dismantled, cleaned, inspected, reassembled, pressure tested and re-installed. All ship-side valve installations will have to be confirmed as watertight subsequent to submersion.

11.6.4.4

Remove

The Contractor must disassemble and clean all referenced valves and valve components.

Replace With

The Contractor must remove, disassemble and clean all referenced valves and valve components.

11.6.4.15

Remove

Valve #20 "Suction Valve" may have to be replaced by a larger valve to accommodate higher cooling water demand for a planned replacement of the vessel's HVAC and refrigeration systems. A separate engineering study will determine if said replacement will be necessary. The results of said engineering study will be known by end of March 2023 and will be shared with the Contractor at that time. The cost to supply a new valve, installation work, removal of existing HVAC cooling water piping and the installation, pressure test and inspection of new HVAC cooling water piping, will be managed by PWGSC 1379 process. If a new valve is installed the Contractor must disassemble and clean the existing #20 valve, which will remain the property of the CCG.

11.7.2.1.1

Remove

The following equipment data is provided for guidance.

Name	Location
High Sea Inlet	Port Side, Frames 15-16
Low Sea Inlet, Port	Port side, Frames 16-17
Low Sea Inlet, Starboard	Starboard side, Frames 16-17
In hull pump inlet	Starboard side, Frames 60-61 (Grid but no sea chest)

Replace with

The following equipment data is provided for guidance.

Name	Location
High Sea Inlet	Port Side, Frames 15-16
Low Sea Inlet, Port	Port side, Frames 16-17
Low Sea Inlet, Starboard	Starboard side, Frames 16-17
In hull pump inlet	Starboard side, Frames 60-61 (Grid but no sea chest)
Submersible Pump	Starboard side, Frames 61-64 (Sewage Compartment)

11.7.3.1

Remove

The Contractor must remove all four (4) sea chest grids prior to the underwater blast cleaning.

Replace with

The Contractor must remove all five (5) sea chest grids prior to the underwater blast cleaning.

12.2.3.9

Remove

The Contractor must perform the maintenance as follows, as per the OEM manual and under the supervision of the FSR:

- a) Remove thruster from vessel following the manufacturer's applicable removal procedure to remove thruster from the vessel;
- b) Complete 8-year overhaul consisting of;
 - 1) Complete tear-down of thruster;
 - 2) Clean and inspect rotating group, replace bearings and seals;
 - 3) Clean, inspect and re-condition propeller and perform NDT;
 - 4) Replace all bearings;
 - 5) Replace elastomers;
 - 6) Replace all internal and external hydraulic hoses with new hoses;
 - 7) Sandblast and paint lower outdrive housing. See "Lower Outdrive Housing Recoating" section, below;
 - 8) Clean and inspect swivels, replace bearings, seals; and
 - 9) Assemble thruster and perform testing.
- c) Drain, flush, renew fluids – HPU hydraulic system;
 - 1) Completely drain 600 liters of Mobil DTE 25 oil from the system;
 - 2) Open, clean and inspect the Starboard hydraulic tank;
 - 3) Perform hydrostatic flush of the system as per the Thrustmaster Model TH-400N Operators Manual section 5 ; and
 - 4) Renew fluids, as per the Thrustmaster Model TH-400N Operators Manual section 5.
- d) Reinstall thruster to vessel, following manufacturer's applicable installation procedure to install thruster onto vessel; and
- e) Follow re-commissioning and sea trials by performing testing in accordance with Harbor Commissioning and Sea Trial protocols.

Replace with

The Contractor must perform the maintenance as follows, as per the OEM manual and under the supervision of the FSR:

- f) Remove thruster from vessel following the manufacturer's applicable removal procedure to remove thruster from the vessel;
- g) Complete 8-year overhaul consisting of:
 - 1) Complete tear-down of thruster;
 - 2) Clean and inspect rotating group, replace bearings and seals;
 - 3) Clean, inspect and re-condition propeller and perform NDT;
 - 4) Replace all bearings;
 - 5) Replace elastomers;
 - 6) Replace all internal and external hydraulic hoses with new hoses;
 - 7) Replace outdrive stem bolts;
 - 8) Sandblast and paint lower outdrive housing. See "Lower Outdrive Housing Recoating" section, below;
 - 9) Clean and inspect swivels, replace bearings, seals; and
 - 10) Assemble thruster and perform testing.
- h) Drain, flush, renew fluids – HPU hydraulic system;
 - 1) Completely drain 600 liters of Mobil DTE 25 oil from the system;
 - 2) Open, clean and inspect the Starboard hydraulic tank;
 - 3) Perform hydrostatic flush of the system as per the Thrustmaster Model TH-400N Operators Manual section 5 ; and
 - 4) Renew fluids, as per the Thrustmaster Model TH-400N Operators Manual section 5.
- i) Reinstall thruster to vessel, following manufacturer's applicable installation procedure to install thruster onto vessel; and
- j) Follow re-commissioning and sea trials by performing testing in accordance with Harbor Commissioning and Sea Trial protocols.

15.5.4.6.1

Remove

The Contractor must fabricate the manifold by welding entirely in 316 stainless steel, using schedule 40 1" NPT pipe and weld fittings, with the exception of the 316 stainless steel ball valves which must attach to the welded manifold assembly with threaded NPT connections. All materials used to fabricate the manifold must be CFM.

Replace with

The Contractor must fabricate the manifold by welding entirely in 316 stainless steel, using schedule 40 1-1/4" NPT pipe and weld fittings, with the exception of the 316 stainless steel ball valves which must attach to the welded manifold assembly with threaded NPT connections. All materials used to fabricate the manifold must be CFM.

15.5.4.7.1

Remove

The Contractor must fabricate replacement piping to same geometries of the removed piping, except where noted by the TA, for reasons of easier entry to DB, etc.. New piping must be in schedule 40 316 stainless steel and be of all welded construction.

Replace with

The Contractor must fabricate replacement piping to same geometries of the removed piping, except where noted by the TA, for reasons of easier entry to DB, etc.. New piping must be 1-1/4" schedule 40 316 stainless steel and be of all welded construction.

15.7.4.19

Remove

The Contractor must label, remove, clean, assess and rebuild the Emergency Generator Fuel Oil Tank's fill and suction valves. Packing and flange gaskets must be CFM.

Replace with

The Contractor must label, remove, clean, assess and rebuild the Emergency Generator Fuel Oil Tank's suction valve and self-closing valve. Packing and flange gaskets must be CFM.

15.7.4.21

Remove

The Contractor must prove to the TA and RO that all rebuilt valves function properly after reinstallation.

Replace with

The Contractor must pressure test all rebuilt valves and prove to the TA and RO that all rebuilt valves function properly after reinstallation.

PART 3:

a. Varia

b. Conclusion of Bidders Conference

PSPC and CCG thanks all attendees for their interest.

2.To Replace Annex H-Appendix 1

Delete in It's Entirety: Annex H – Appendix 1

Insert: Annex H – Appendix V1.1

NOTE: Changes are due to the Bidder's Conference Minutes and Questions Raised at the Bidder's Conference

3. To Replace Request For Proposal (RFP)

Delete in It's Entirety: RFP V1.0 -F2599-230002 - ENG

Insert: RFP V1.1 - F2599-230002 - ENG

NOTE: Changes are due to the Bidder's Conference Minutes and Questions Raised at the Bidder's Conference

4. To Replace Statement of Work

Delete in It's Entirety: ENG -F2599-230002 – V1.0

Insert: ENG -F2599-230002 – V1.1

NOTE: Changes are due to the Bidder's Conference Minutes and Questions Raised at the Bidder's Conference

5. To Change Bid Closing Date

Delete : April 26, 2023 at 2:00pm EST

Insert: May 3, 2023 at 2:00pm EST

ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED