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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

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Title - Sujet Martha L. Black Drydock 22-23 CCGS Martha L. Black Drydocking 2022-2023	
Solicitation No. - N° de l'invitation F7049-210340/A	Amendment No. - N° modif. 003
Client Reference No. - N° de référence du client SAP	Date 2023-01-12
GETS Reference No. - N° de référence de SEAG PW-\$\$MD-041-28862	
File No. - N° de dossier 041md.F7049-210340	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM Eastern Standard Time EST on - le 2023-02-24 Heure Normale de l'Est HNE	
F.O.B. - F.A.B. Specified Herein - Précisé dans les présentes	
Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input checked="" type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Pourmand, Mastaneh	Buyer Id - Id de l'acheteur 041md
Telephone No. - N° de téléphone (343) 543-2874 ()	FAX No. - N° de FAX () -
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Instructions: See Herein

Instructions: Voir aux présentes

Delivery Required - Livraison exigée	Delivery Offered - Livraison proposée
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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 No. 003

Solicitation Amendment No. 003 is issued to:

1. **Publish the Minutes of Meeting of the Bidders' Conference held on December 20,2022.**
 2. **Extend the Bid Closing Date.**
 3. **Add a Section on Financial Incentives to the Invitation To Tender (ITT) document.**
 4. **Add section 15.6 to Annex "A" SOW.**
 5. **Publish the Pricing Data Sheet, Appendix 1 to Annex "H".**
 6. **Address Bidders' questions or concerns.**
 7. **Introduce changes to the Statement of Work (Annex "A") and the ITT documents to clarify or add Work Items and requirements.**
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1. Minutes of Meeting of the Bidders' Conference held on December 20,2022

A. Introduction: The following participants were presents:

Groupe Verreault, Chantier Davie and Adaptive Marine Solutions (AMS), Newdock, Heddle Shipyards, CCG, PSPC

B. Opening remarks, and notes from PSPC:

1. Canada welcomed all attendees
2. Canada stated the purpose of the conference – and that Canada will not be reading the documents in their entirety. It was assumed that prospective bidders had read the documents and had some predefined questions.
3. Canada provided some general clarifications and reminder notes:
 - a) Bid Closing – is extended to Feb. 8 at 2:00 PM Eastern Standard Time.
 - b) Any question regarding the solicitation after the bidders' conference must be directed to the Contracting Authority; which, will then be forwarded to the TA for response. No questions should be sent directly to the TA.
 - c) As specified in section 2.3 of the Solicitation Document, Bidders must only request clarifications/changes to the Solicitation Document/Requirements to the PWGSC CA up to 7 calendar days prior to bid closing date. This reflects the five (5) workdays required for translation and publishing the reply on CanadaBuys. For a simple question and answer, it may be possible to reduce this period to four (4) working days, but it must include three (3) consecutive working days.

- d) Bids must not be sent directly to the Contracting Authority.
- e) Bids are to be submitted to the PWGSC Bid Receiving Unit in Gatineau Quebec; This is the only office that can accept the bids for this solicitation. Bids must be submitted using e-post only.
- f) Bidders must not add comments, notes or conditions to their Bids in response to this solicitation. Adding comments, notes or conditions to the solicitation will result in the bid being non-responsive. If there are any issues, they should be resolved prior to their submittal via Questions & Answers.
- g) Only one contract will be issued.
- h) In the ITT document, Table K-1 list the required documents or provisions that must be submitted with the bid at the bid closing date. For those documents or provisions listed in Table K-2, if not submitted at the bid closing, I will communicate with the bidder and ask for their submission within a couple of days. Therefore, to avoid delays in evaluation process, it is preferable that they are submitted with the bid at the bid closing date.
- i) With respect to allowances that are specified in Annex "A" (SOW) for FSRs and subcontractors, please note that:
- these amounts are just to give bidders an equal standing on pricing. They are not the true representative of the cost; the actual cost may be higher or lower and will be adjusted by 1379 process based on invoices and time sheets.
 - It is the responsibility of the bidders to contact FSRs and subcontractors, negotiate their rates and costs, and arrange for their work within the project schedule.
 - The work schedule and bid pricing should be based on normal workload on regular rates and not overtime rates. It should be noted that while CCG requires the Work to be completed in a timely manner without delays, overtime is only permitted after justification and acceptance by CCG and PSPC. Otherwise, the work must not include overtime.
- j) There is a requirement for Canada to own the Intellectual Property Rights in Foreground Information – ITT Clauses 2.10 and supplemental general conditions 4007 included in Clauses 2.1.1 and 7.2.2. Please make sure that the required attestation letter, containing your agreement, is included in the submitted Bid.
- k) There is an Indigenous Participation Component (IPC) in this Contract. This is a rather new requirement and we have not fully worked it out. We will go through the learning curve together with you. I will provide more information as they become available. So far, the office responsible for IPC has been slow to respond to our inquiries; but I hope this situation becomes rectified soon.
- l) Bidders should demonstrate their understanding of the requirements contained in the bid solicitation and explain how they will meet these requirements. If there are any new methods to be used or improvements to suggest, you can bring it forward for

consideration by Canada (Clause 2.5 of the ITT) up to seven (7) days before the bid closing date – so we can notify all bidders.

- m) For working with 1379, I believe you are all familiar with the process. It has to be substantiated with quotations from subcontractors and FSRs and time sheets. They have to be accepted by CCG and PSPC before the specified work can start. Please do not engage in any additional or overtime work before the related 1379 is accepted.
- n) The basis of section is based on the Lowest Bid Price. But, bid prices will not be evaluated until all bids are evaluated to be complete and responsive. Only then the bid prices will be evaluated, and they must be reasonably justified.
- o) The Pricing Data Sheet is being compiled and not published yet. Its first column of input from bidders is for the number of labour hours. Please make sure that all cells in that column are filled in. otherwise, it is not acceptable.

The PDS is in Excel sheet, with built-in formulation. Some cells will be protected. Other cells, where the bidders' input is required are not locked. All the unlocked white cells, depending on what is applicable to your system of pricing or services provided, must be completed.

- p) For the certifications, please make sure all required certifications are submitted, For the Insurance Certificates please refer to Sections 6.17, 6.17.1 and Annex "E". Make sure that the COI reflect those requirements. We will not accept if the insurance provider includes in a letter that this organization is capable of being insured as required and as per industry standards. The insurance certificate must be for the exact requirements specified in Annex "E". Also, please note that I will ask the successful bidder/Contractor to submit the insurance policies for the required insurances within 10 days of the Contract award. The COI must match those policies.
- q) Regarding the removal of paint and cleaning surfaces to a specific standard, the use of gels and chemicals is not accepted where abrasive-blasting is specified in the SOW.
- r) With regards to the Project Schedule, to be submitted with the bid, please include as much detail as possible, and include all milestones, work package connectivity and dependencies, as well as the critical path. The reason is that we have worked out a financial incentive program for early accomplishment of a few work packages and tasks. Therefore, a proper project schedule is necessary to effectively implement the incentives program.

C. Review of the documents issued to bidders:

1. There were no questions from the bidders or point of concern to discuss related to the provided Data Package.
 2. The ITT document including its Annex "A" (SOW) and its two revised sections 12.4 and G&S were reviewed, and bidders' questions were answered.
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2. The Bid Closing Date is extended:

At the cover page – Solicitation Closes:

Delete: 2023-02-08

Insert: 2023-02-24

3. Section B.8 “Financial Incentives” is added to Annex “B” of the ITT document

In annex B, add section B.8 after section B.7. The text of section B.8 is provided at the end of this Amendment document.

4. Section 15.6 is added to Annex “A” SOW.

In Section 15 of Annex “A” SOW, add section 15.6 (Asbestos removal, inspection and installation of new asbestos-free insulation). This document is provided as a separate attachment to this Amendment document.

5. The Pricing Data Sheet, Appendix 1 to Annex “H” is published.

This document is provided as a separate attachment to this Amendment.

6. Bidders Questions and Canada’s Answers:

Questions from before the Bidders’ Conference:

Q # 4: With respect to Clause 7.5.2 “Terms of Payment - Progress Payments” on page 48 of the ITT, and Annex B – schedule of payment milestones, can Canada accept simplifying the schedule of payment milestones based on 5% down payment at Award of Contract / Start of work, and monthly progress payments thereafter?

A # 4: Canada does not accept changing the specified payment method to include a down payment at the Contract award. Please note that there are no Milestone payments associated with this Solicitation and its resulting Contract except for those related to the Indigenous Participation Component (Annex B, section B.1.1), and the Financial Incentives (Annex B, section B.8).

Q # 5: With respect to the Work related to section 12.4 of the SOW (Rev 1.1), and the Wartsila engines being long lead items, have they been purchased and when will they be delivered?

A # 5: The Wartsila engines have been purchased. Wartsila is expecting the units to be shipped from the factory at the end of March. Depending on which shipyard they have to be delivered to, it may take up to 8 weeks to arrive; so, arrival at the shipyard can be expected at the beginning of June.

Q # 6: Can CCG provide the last Thickness Measure test report?

A # 6: The last Thickness Measure test report is provided as a separate attachment to this Amendment.

Q # 7: With regards to paragraph 11.7.3.8 of the SOW (Rev 1) related to steel replacement in the Wheelhouse, there are bulkheads that are more or less clear of equipment; but a part of the forward bulkhead is behind a large console, which entails much more work to remove it. How are we to price the steel replacement?

A # 7 : The Central Console in the wheelhouse, at the forward bulkhead, has an estimated weight of 350 kg and measures at 3200 mm (L) x 850 mm (H) x 800 mm (D). This console is welded to its foundation.

In Annex "A", section 11.7, Paragraph 11.7.3.8:

Delete: "For bidding purposes, the Contractor's bid must include the price for replacing 4.65 m² (50 ft²) of steel at the exterior wheelhouse walls and approximately 15.25 m (50 ft) of angle iron separately. The bid must also include the separate unit prices per meter-square and meter, respectively, for replacement of steel and angle iron. The final cost must be adjusted, up or down, by PSPC 1379 process."

Insert: "For bidding purposes, the Contractor's bid must include separate prices for:

- a. Replacing 4.65 m² (50 ft²) of steel at the exterior wheelhouse bulkheads, excluding the bulkhead behind the fwd. main console, and approximately 15.25 m (50 ft) of related angle iron separately. The bid must also include the separate unit prices per meter-square and meter, respectively, for replacement of steel and angle iron. The final cost must be adjusted, up or down, by PSPC 1379 process."
- b. Replacing the steel at the exterior wheelhouse bulkhead behind the fwd. main console, and related angle iron – if the work is performed by removing the bulkhead from outside the wheelhouse without the need to move the console.
- c. Replacing the steel at the exterior wheelhouse bulkhead behind the fwd. main console, and related angle iron – if the work is performed from inside the wheelhouse which involves moving the console."

Q # 8: Should the new ceiling panels, in the Wheelhouse, be of the same colour as the existing panels or a different colour is required?

A # 8 : The new ceiling panels for the Wheelhouse must be matte white. The Contractor must provide a colour sample, prior to purchase, for approval by CCG.

Questions during the Bidders' Conference:

Q # 9: In ITT, Sections 2.8 and 7.3.1, the work period is indicated with the start date of June 03, 2023. Will the ship's arrival be on June 2nd and start of work on June 3rd, or the vessel will arrive on the same day as the start of work on June 3rd? Will the crew remain on board for the first two days upon arrival only, and then return for trials?

A # 9: The understanding is that the vessel will arrive on June 2nd, and the work will start on June 3rd, 2023. Also, there will be seven (7) people onboard during daytime, with shift changes, for the entire period of work – before the full crew return for the sea trials. They will not sleep onboard. They will be in a hotel nearby for the night and return to the ship each morning.

Q # 10: Do you know when the Pricing Data Sheet will be available?

Solicitation No. - N° de l'invitation
F7049-210340/A
Client Ref. No. - N° de réf. du client
F7049-210340

Amd. No. - N° de la modif.
003
File No. - N° du dossier
041MD. F7049-210340

Buyer ID - Id de l'acheteur
041MD
CCC No./N° CCC - FMS No./N° VME

A # 10: The Pricing Data Sheet is provided as a separate attachment to this Amendment.

Q # 11: With regards to Section 6.18.1 of the ITT on FSRs, is the very last company included? Also, is submitting a letter from each FSR a mandatory requirement?

A # 11: Yes, Danelec Marine is included in the list. This list is not inclusive of all FSRs; the SOW also has a sections listing the FSRs, and there may be other FSRs within the various sections of the SOW. Bidders should make sure that all FSRs and subcontractors are listed in Annex "D".

Bidders are required to contact all FSRs, establish their price and work schedule, and get their agreement that they are willing and available to work with the bidder on this project.

Q # 12: Item G.1.15.7 of the SOW (Rev 1.1) refers to DFO publication 5847. We can't find it in the Data Package; can it be made available?

A # 12: The DFO publication 5847 (CCG Paints and coatings standard) is provided as a separate attachment to this Amendment. The DFO publication 5847 is an older version. Therefore, in Annex "A", Section G 1.15:

Delete: the text in paragraph G.1.15.7 in its entirety.

Insert: "All steel and aluminum components, new and relocated, must be painted in accordance with DFO Publication 18-080-000-SG-003 (formerly DFO/5884) and the paint manufacturer's specifications."

Q # 13: With regards to the SOW (Rev 1.1) paragraphs S.1.2.34 to 36 under "p) Optional Services", does it mean that CCG will use the shipyard tradesperson, will manage them and take all responsibility for them person and their performed work? How the contractual responsibilities and applicable warranties will be defined?

A # 13: It is understood that the specified number of hours, for the shipyard tradesperson assisting CCG, are for small repairs and tests that are not related to the Work specified in the SOW. The following must be noted with regards to these 200-hour periods of work:

- These tradspersons are employees of the Contractor. Therefore, the Contractor is responsible for their wellbeing, work performance and quality of work performed.
- The work performed by the Contractor's tradespersons must be subject to the same warranty as the other Work Packages specified in the Contract.
- The indicated work periods are only reserved number of hours. They may not be a continuous work periods of 200-hours each; the required work may be performed over many different days – as repair/maintenance tasks arise.
- These repair/maintenance works/tasks will be stand alone tasks, totally independent of the known work, and must not interfere with the shipyards production schedule.
- The number of hours for each taskings must be recorded and tracked against the 200 hrs – with proper documentation and time sheets. All hours spent will be adjusted up or down, by PSPC 1379 Process.

- The Contracting Authority must be made aware of the nature of each tasking and that the taskings are independent of the known work; and have confirmation that no schedule impacts will result from performing the work.

Therefore, the SOW (Rev 1.1) paragraphs S.1.2.34 to 37 under “p) Optional Services” is modified.

Delete:

“p) Optional- Services

S 1.2.34 Assistant Electrician

The Contractor must provide an hourly rate to provide a certified electrical assistant to the vessel. The Assistant Electrician may be required to perform various maintenance work throughout the vessel. They will report directly to the ship's electrician. Estimated time required: 200 hours. The cost will be dealt with using a PSPC 1379 process and supporting documentation.

S 1.2.35 Mechanic

The Contractor must provide an hourly rate for providing an engineer to the vessel. The engineer may be required to perform a variety of maintenance work on the entire vessel. The engineer will report directly to the vessel's Chief Engineer. Estimated time required: 200 hours. The cost will be dealt with using a PSPC 1379 process and supporting documentation.

S 1.2.36 Painter

The Contractor must provide an hourly rate for providing a painter to the vessel. The painter may be required to perform a variety of painting jobs inside the vessel. The painter will report directly to the Chief Engineer of the vessel. Estimated time required: 200 hours. The cost will be dealt with using a PSPC 1379 process and supporting documentation.

- S 1.2.37 The Contractor must quote a price for taking four readings on each shaft, using a depth gauge, to take the propeller shaft wear-down reading. This price must include all materials, labour, and equipment required to take these readings. “

Insert:

“S 1.2.34 Optional Technical Assistance Services

The Contractor is required to provide the services of professional tradespersons listed below, to assist CCG with their small repairs or maintenance tasks – with the following Considerations:

- These tradespersons are employees of the Contractor. Therefore, the Contractor is responsible for their wellbeing, work performance and quality of work performed.
- The work performed by the Contractor's tradespersons must be subject to the same warranty as the other Work Packages specified in the Contract.

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- The indicated work periods are only reserved number of hours. They may not be a continuous work periods of 200-hours each; the required work may be performed over many different days – as repair/maintenance tasks arise.
 - These repair/maintenance works/tasks will be stand alone tasks, totally independent of the known work, and must not interfere with the shipyards production schedule.
 - The number of hours for each taskings must be recorded and tracked against the 200 hrs for each trade – with proper documentation and time sheets. All hours spent will be adjusted, up or down, by PSPC 1379 Process.
 - The Contractor must provide CCG with a typed copy of the Work Report, which must contain the following:
 - The names of the Technician and the CCG person in charge;
 - The date, start and end times of the work for each work day; and
 - The description of the work performed.

S 1.2.34.1 Assistant Electrician

The Contractors' bid must include the price, based on an hourly rate, to provide the services of certified electricians for a total of 200 hours of work in regular time, to perform or assist CCG with their small repairs, tests or various maintenance work throughout the vessel. The final cost will be dealt with using the PSPC 1379 process and supporting documentation.

Electricians must have a minimum of three years of experience in the maintenance or installation of electrical components on ships; and must comply with the requirements of TP 127 for all electrical work.

S 1.2.34.2 Assistant General Mechanic

The Contractors' bid must include the price, based on an hourly rate, to provide the services of an experienced mechanic, for a total of 200 hours of work in regular time, to carry out small repairs or maintenance of some mechanical components of the vessel. The final cost will be dealt with using the PSPC 1379 process and supporting documentation.

Mechanics must have a minimum of three years of experience in the maintenance or installation of mechanical components (pumps, motors, compressors, etc.) on ships.

S 1.2.34.3 Assistant Painter

The Contractor's bid must include the price, based on an hourly rate, to provide the services of an experienced painter, for a total of 200 hours of work in regular time, to perform a variety of painting jobs inside the vessel. The cost will be dealt with using the PSPC 1379 process and supporting documentation.

S 1.2.35 The Contractor must quote a price for taking four readings on each shaft, using a depth gauge, to take the propeller shaft wear-down reading. This price must include all materials, labour, and equipment required to take these readings. “

Q # 14: With regards to paragraph 11.1.3.22 of the SOW (Rev 1), there are two types of paint specified, but not their colour; considering the black paint is more expensive than the red colour, which colour must be applied.

A # 14: CCG confirms the paint must be Interspeed colour red.

Q # 15: With regards to paragraph 11.2.3.3 of the SOW (Rev 1), it is very hard to price the plate replacement accurately when some related characteristics are not known such as: the thickness, the location, if it is straight or shaped, if you have to deal with insulation, pipes or cable trays, need scaffolding, welding permit, or gas-freeing an area. This comment applies to some other paragraphs in the SOW as well. Depending on where it is, it can be easy or very difficult. We need details to be accurate in price; or perhaps, an allowance can be allocated for steel plate replacement.

A # 15: To be able to provide the adequate pricing, the text of this section is changed; therefore:

Delete: the text of paragraph 11.2.3.3 “Hull plating replacement (If required in 11.2.1.3)” in its entirety.

Insert: “The plate to be replaced is at the junction of DB#9, Fuel oil leak tank and the Sea Bay, the Contractor must refer to drawings 108-H-0026 rev2 -April_2001 Capacity plan and 108-H-0001_Rev8_ Oct-2013 Shell expansion.

For bidding purposes, the Contractor’s bid must include separate prices for the preparation and the work specified in the following paragraphs 11.2.3.3.1 to 11.2.3.3.5 for replacement of 0.5 m² of hull plating for the following plate thickness: 25.4 mm (1 in), 19 mm (3/4 in), 15.88 mm (5/8 in) and 12.7 mm (1/2 in); as well as a separate price for forming the plates. The final cost must be adjusted, up or down, by means of PSPC 1379 process.”

Q # 16: With regards to paragraph 11.4.1 of the SOW (Rev 1), for deck drains, the specification is for 2-1/2” diameter drain pipes with Victaulic joints (i.e., Para 11.4.3.19), but the provided documentation and drawings (i.e., Figure in 11.4.3.16) show 2” drain pipes. Which one should it be?

A # 16: CCG confirms that two separate sets of prices are required, one for 2” and another for 2-1/2” diameter drain pipes. Therefore, in Annex “A”, Section 11.4:

Delete: the text in paragraph 11.4.3.19 in its entirety.

Insert: “The Contractor must replace some drain pipes with Victaulic joints.

For bidding purposes, the Contractor’s bid must include separate prices for replacement of:

- a) a total of 30 m (100 ft) of drain pipes (CSM) with 2-1/2” diameter pipes and Victaulic joints at every 0.9 m (3 ft), as well as the unit price for a unit of 3 m (10 ft) including the associated Victaulic joints.
- b) a total of 30 m (100 ft) of drain pipes (CSM) with 2” diameter pipes and Victaulic joints at every 0.9 m (3 ft), as well as the unit price for a unit of 3 m (10 ft) including the

associated Victaulic joints.

The final cost must be adjusted, up or down, by PSPC 1379 process.”

Q # 17: With regards to paragraph 11.6.3.22 of the SOW (Rev 1) for heating cables, they are not in the material list, and it is not clear if they are to be supplied by the shipyard. For this item there is FSR involved. Please confirm if the heating cables are GSM or CSM.

A # 17: CCG confirms that the heating cables are GSM, supplied by CCG. They are listed in the GSM table in paragraph 17.5.2.3 of the SOW. Therefore, to clarify, make the following modifications in Annex “A”:

In Paragraph 11.6.3.22 of the SOW:

Delete: the text in its entirety.

Insert: “The Contractor must install and connect the new heating cables (Heaters), supplied by CCG, as recommended by the manufacturer and the CME FSR, referring to drawing 1209-14. The heating cables and their retaining bars must be installed by the Contractor at the same time as the rails are installed. The heating cables must be tested for insulation before and after installation. The new explosion-proof heating cables (Heaters) are listed in section 17.5, paragraph 17.5.2.3.”

In Paragraph 17.5.2.3 “Government Supplied Materiel (GSM)”

Delete: the word “Heater” in rows 3 to 8 inclusive.

Insert: the word “Heater (Heating Cables)” in rows 3 to 8 inclusive.

Q # 18: Is paragraph 13.2.3.12 of the SOW (Rev 1) related to the new silencer and if the silencer has to be insulated and covered?

A # 18: CCG confirms that the silencer must be insulated and covered. Therefore, in Annex “A”, section 13.2.3:

Delete: the text of paragraph 13.2.3.12 in its entirety.

Insert: “The Contractor must supply and install a new removable blanket cover for the adapter and the flanges related to the silencer. Note: the associated insulation is detailed in section 15.5 of this SOW.”

Q # 19: With regards to paragraph 15.5.3.6 of the SOW (Rev 1), there is a condition due to inclusion of “If needed” in the statement. Please let us know if we should price it or not. Should it be included or treated based on 1379?

A # 19: CCG confirms that bidders must include this requirement in their bid. Therefore, in Annex “A”, section 15.5:

Delete: the text of paragraph 13. 5.3.6 in its entirety.

Insert: “The Contractor must perform internal cleaning of carbon and other residue. The Contractor must dispose of all residues in accordance with the applicable regulations.”

Q # 20: With regards to paragraph 17.1.3.31 of the SOW (Rev 1), related to the windlass maintenance, why spray paint is not acceptable?

A # 20: CCG confirms that spray paint can also be acceptable provided that all necessary precautions are in place to protect the surrounding surfaces and equipment. Therefore, in Annex "A", section 17.1.3:

Delete: the text of paragraph 17.1.3.31 in its entirety.

Insert: "The Contractor must protect the hoses and other components from being painted. Prior to painting, the Contractor must adequately protect the deck and all items as directed by the Chief Engineer. If the work is done on board the vessel, the paint application must be done with brushes and rollers. Spray painting can be acceptable provided that all necessary precautions are in place to protect the surrounding surfaces and equipment. The Contractor must remove this protection after the work is completed and clean up the surrounding areas and surface."

Q # 21: With regards to paragraph 17.4.4.4 of the SOW (Rev 1), what is the load for pull test?

A # 21: A Pull test document is provided as a separate attachment to this Amendment.

Q # 22: With regards to paragraph 18.4.2.3.2 of the SOW (Rev 1), the Contractor Supplied Material (CSM), there are three (3) items listed with "Sufficient Quantity". Can their quantities be a fixed amount for all bidders to bid on?

A # 22: Unless clearly stated otherwise in the Technical Description, it is the responsibility of the Contractor to estimate the length of cables required for all cable runs. With the General Arrangement drawing and a wiring diagram for each system being provided by Canada, the Contractor should have enough information to come up with a proper estimate. Therefore, in this paragraph, the quantities that are listed as "Sufficient Quantity" will remain unchanged.

Q # 23: Paragraph 12.4.3.4.2.4 of the SOW (Rev 1) refers to drawing 19-166-100 from Poseidon Marine for fabrication of the new walkways around the three main engines. We can't locate this drawing in the published Data Package. Please provide this drawing.

A # 23: This drawing is provided as a separate attachment to this Amendment.

Q # 24: For item 12.6 of the SOW (Rev 1), can you please confirm if the new pre-magnetizing transformers are GSM?

A # 24: Yes, CCG confirms that the new pre-magnetizing are Government supplied.

Q # 25: There are some errors noticed in the ITT documents, as listed below; can Canada provide the corrections?

1. In the French version of the ITT, in Annex "K", item 7 of table K-1 refers to Annex "P" for Electronic payment instructions; it should be Annex "R".
2. In the French version of the ITT, in Annex "K", the second sentence in item 10 of table K-1 is not translated into French.

3. In Annex "K", item 35, for agreement to the proposed IPC, refers to Annex "M"; but it should be referring to Annex "M" and its Appendix 1.

A # 25: We thank you for noting these errors. The corrected texts for items 7 and 10 of Table K-1 are shown in the French version of this Amendment. For Item 35, Annex "M" applies and includes all its appendices; but for more clarity, this item is revised as well. Therefore:

Delete:

Item	Description
35	Bidder's written agreement to the proposed IPC, and that they will submit an IPC Plan within two (2) Months after Contract Award, if awarded a contract, as per Annex "M".

Insert :

Item	Description
35	Bidder's written agreement, completed Appendix 1 to Annex "M", to the proposed IPC, and that they will submit an IPC Plan within two (2) Months after Contract Award, if awarded a contract, as per the requirements of Annex "M".

Q # 26: Paragraph 12.4.3.3.23 in section 12.4 of the SOW (Rev 1.1) requires non-destructive testing of full penetration hull, deck, and all strength/structural members welds. We have been informed that the norm is NDT testing on 10% of the welds; and that performing welding tests by ultrasound and magnetic particle inspection on 100% of welds is not a standard practice in shiprepair and the associated cost will be very high. Please confirm whether the NDT testing should be done on 100% of the welds, or if CCG accepts testing on 10% of the welds.

R # 26: Before this question is addressed, please note that in the English version of the SOW (Rev 1.1), the paragraph number is incorrectly identified as 12.4.3.3.15.8. This discrepancy is addressed in paragraph 7.14 of section 7 in this document.

The response to this question is that CCG may require NDT testing of up to 100% of the welds. Therefore, in paragraph 12.4.3.3.23:

Add: "For bidding purposes, the Contractor's bid must include separate prices, based on 100%, 50% and 10% NDT testing, by the weld inspector, for:

- Ultrasonic testing of full penetration hull, deck, and strength/structural members welds;
- Magnetic Particle testing of all other welds.

The final cost of Non Destructive testing will be determined using the PSPC 1379 process."

7. Changes in the Statement of Work (Annex "A") and the ITT documents to clarify or add Work Items and requirements:

7.1 In section G of the SOW (Rev 1.1), paragraph G 1.15.19:

Add: "For bidding purposes, the Contractor's bid must include an allowance of \$10,000 to cover the cost of lead abatement by a certified crew. The final cost must be adjusted, up or down, using the PSPC 1379 process and all related documentation including invoices and time sheets.

7.2 In Section S of the SOW (Rev 1.1), paragraph S 1.1.1:

Delete: "The Contractor, is responsible for necessary for the maneuvering, drydocking, outfitting and re-floating of the vessel subject to the specifications in Section S.1 of these specifications. Details of berthing and mooring facilities must be included in the bidder's proposal. The Contractor understands that the vessel Martha L. Black will be ready to enter dry dock upon arrival at the Contractor's facility; the crew will depart the vessel shortly after arrival."

Insert: "The Contractor is responsible for the maneuvering, drydocking, outfitting and re-floating of the vessel subject to the specifications in Section S.1 of this SOW. The Contractor understands that the vessel Martha L. Black will be ready to enter the dry dock upon arrival at the Contractor's facility; the crew will depart the vessel shortly after arrival."

7.3 In Section S of the SOW (Rev 1.1), paragraph S 1.1.2:

Delete: "The Contractor must be responsible for the berthing and mooring of the vessel for the duration of the Contract. Canada must have free access to the vessel at all times."

Insert: "The Contractor is responsible for the berthing and mooring of the vessel for the duration of the Contract. Canada must have free access to the vessel at all times. Details of berthing and mooring facilities must be included in the Contractor's bid proposal. The Contractor's bid must also include the price for birthing of the vessel for the duration of the Contract, as well as the unit price per day to adjust the final price by PSPC 1379 process."

7.4 In Section S of the SOW (Rev 1.1), paragraph S 1.2.19:

Delete: "A non-potable water supply set at a pressure of 380 kPa must be connected to the vessel's central cooling system. The water supply must be connected immediately after the vessel is docked. There must be no interruption of this supply after connection, except during replacement of the chillers and their piping. The vessel will consume approximately 10,000 liters of water per day when the crew is on board. The Contractor must provide an estimate of this service based on a 250 day supply. The final quantity will be adjusted using a PSPC 1379 process."

Insert: "A non-potable water supply, set at a pressure of 380 kPa, must be connected to the vessel's central cooling system. The water supply must be connected immediately after the vessel is docked. There must be no interruption of this water supply after connection, except during the replacement of the cooling heat-exchangers' plates and their piping (detailed in section 12.4). The vessel will consume approximately 10,000 liters of water per day when the crew is on board. The cost of consumed non-potable water will be dealt with by using the PSPC 1379 process."

7.5 In Section S of the SOW (Rev 1.1), paragraph S 1.2.20:

Delete: "A potable water supply set to a pressure of 380 kPa must be connected to the vessel's potable water supply system. The water supply must be connected immediately after the vessel has docked. There must be no interruption of this supply after it is connected. The vessel will consume approximately 6,000 liters of potable water while the crew is on board. The Contractor must provide an estimate of this service based on a 250 day supply. The final quantity will be adjusted using a PSPC1379 process."

Insert: "A potable water supply, set to a pressure of 380 kPa, must be connected to the vessel's potable water supply system immediately after the vessel has docked. There must be no interruption of this water supply after it is connected, for the duration of the work period. The vessel will consume approximately 6,000 liters of potable water while the crew is on board. The cost of consumed non-potable water will be dealt with by using the PSPC 1379 process."

7.6 In Section S of the SOW (Rev 1.1) and after paragraph S 1.2.37, add paragraphs S 1.2.38 and S 1.2.38:

Add:

"S1.2.38 The Contractor's bid must include a separate unit price for a complete packing renewal for bulkhead ROXTEC Transits of the models specified below (supply and installation). For each transit, the Contractor must remove the two steel plates that was used for the compression system of the old-style transit and that are no longer required for the new style Roxtec transit. The final cost, determined based on the actual quantity of each type, will be dealt with by PSPC 1379 process.

- Roxtec- model S4 (with RM15 + Wedgekit Galv.)
- Roxtec- model S6 (with S6-26)
- Roxtec- model S8 (with RM20 + Wedgekit Galv.)

"S1.2.39 The Contractor's bid must include separate unit prices for supply and installation of one (1) S6 frame, including Rotex S6-26 on a watertight bulkhead and a deck floor. The price must include material, labor, all protections required for welding work, scaffolding, etc...., and paint touch-ups at the end of the work. The final cost, determined based on the actual quantity of each type, will be dealt with by PSPC 1379 process."

7.7 In Section S of the SOW (Rev 1.1), paragraph S 1.5.4:

Delete: "The Contractor must provide specialized and competent personnel to perform continuous on-board surveillance of the interior and exterior of the vessel. In addition to the hot work requirements, the Contractor must conduct vessel security rounds, at a minimum of every four hours, outside of normal working hours. These rounds must include a visual inspection of each compartment, and should a problematic situation arise with the vessel, immediate action must be taken. Records of these rounds must be submitted to the IA upon request. The Contractor's bid must include the price for this monitoring service based on a 250 day service. The final cost must be adjusted using a PSPC 1379 process and supporting documentation."

Insert: "The Contractor must provide specialized and competent personnel to perform continuous on-board surveillance of the interior and exterior of the vessel. In addition to the hot work requirements, the Contractor must conduct vessel security rounds, at a minimum of every four hours, outside of normal working hours. These rounds must include a visual inspection of each compartment, and should a problematic situation arise with the vessel, immediate action must be taken. Records of these rounds must be submitted to the IA upon request. The Contractor's bid must include the price for this monitoring service for the defined work period, as well as unit price per day. The final cost must be adjusted using a PSPC 1379 process and supporting documentation."

7.8 In Section 10.3 of the SOW (Rev 1), paragraph 10.3.3.3, Paint:

Delete: "The Contractor must include in his price a surface of 100m². This price must include the installation of exhaust fan, surface preparation to SSPC-SP3 standard and the application of white paint Intergard 264 as per manufacturer's instructions. For bidding purposes, the Contractor's bid must include the price for preparation and coating a surface area of 100 m², as well as the unit price per each square-meter. The final cost must be adjusted, up or down, using the PSPC 1379 process. The cleaning of the surface area must to bare metal (SSPC-SP-3 standard), and coating must be white paint Intergard 264, two (2) coats, as per manufacturer's instructions."

Insert: "For bidding purposes, the Contractor's bid must include the price for preparation and coating a surface area of 100 m², as well as the unit price per each square-meter. The final cost must be adjusted, up or down, using the PSPC 1379 process. The cleaning of the surface area must be to bare metal (SSPC-SP-3 standard), and coating must be white paint Intergard 264, two (2) coats, as per manufacturer's instructions."

7.9 In Section 11.4 of the SOW (Rev 1), paragraph 11.4.3.14:

Add: "Note: The insulation in this area may contain asbestos; the Contractor must take the necessary measures to work with this material in accordance with applicable regulations and health guidelines.

The Contractor's bid must include the price for removal, and replacement with asbestos-free insulation (supply and installation), of 0.5 m² of asbestos containing insulation for each drain."

7.10 In Section 11.6 of the SOW (Rev 1), at the end of paragraph 11.6.3.13, after the Note:

Add: "The Contractor's bid must include the price for removal, and replacement with asbestos-free insulation (supply and installation), of 35 m² of asbestos containing insulation under the rails (tracks).

7.11 In Section 11.7 of the SOW (Rev 1), paragraph 11.7.3.22;

Delete: "The Contractor must install the new windows provided by CCG (GSM) in accordance with the manufacturer's instructions, using new fasteners and an approved sealant."

Insert: "The Contractor must install the new windows provided by CCG (GSM) in accordance with

the manufacturer's instructions, using new fasteners and an approved sealant. The Contractor may need to dismantle the new windows prior to their installation for proper fit and to avoid distortion.

The Contractor's bid must include separate prices for installation of the new windows based on:

- a) The supplied window assemblies can be installed as they are
- b) The supplied windows must be disassembled before installation"

7.12 In Section 11.9 of the SOW (Rev 1), at the end of paragraph 11.9.3.7, after the Note:

Add: "The Contractor's bid must include the price for removal, and replacement with asbestos-free insulation (supply and installation), of 7 m² of asbestos containing insulation under the plate that must be replaced.

7.13 In Section 11.10 of the SOW (Rev 1), paragraph 11.10.3.2:

Add: "Note: The insulation in this area may contain asbestos; the Contractor must take the necessary measures to work with this material in accordance with applicable regulations and health guidelines.

The Contractor's bid must include the price for removal, and replacement with asbestos-free insulation (supply and installation), of 48 m² of asbestos containing insulation in the ceiling of the twin deck."

7.14 In Section 12.4.3 of the SOW (Rev 1.1):

Paragraphs 12.4.3.3.15.1 to 12.4.3.3.15.12 are incorrectly numbered in the English version. These paragraphs must be identified by 12.4.3.3.16 to 12.4.3.3.27 the same as those in the French version.

Therefore, in Section 12.4.3 of the English version of the SOW (Rev 1.1): Replace paragraph numbers 12.4.3.3.15.1 to 12.4.3.3.15.12 by paragraph numbers 12.4.3.3.16 to 12.4.3.3.27.

7.15 In Section 12.5 of the SOW (Rev 1), paragraph 12.5.1.2:

Delete: "The Contractor must provide the services of an ABB FSR to perform the work under this section of the SOW. The Contractor must include an allowance of \$200,000 to cover the cost of the services to be provided by the ABB FSR. The \$200,000 allowance must be part of the overall offer and must be adjusted up or down using the PWGSC 1379 form upon receipt of the final invoice from the FSR supported by copies of all related documents and invoices to verify actual expenditures."

Insert: "The Contractor must provide the services of ABB FSRs to perform the work under this section of the SOW. The Contractor must include an allowance of \$200,000 to cover the cost of the services, including commissioning and trials, to be provided by ABB FSRs. The \$200,000 allowance must be part of the overall offer and must be adjusted up or down using the PWGSC 1379 form upon receipt of the final invoice from the FSRs supported by copies of all related documents and invoices to verify actual expenditures."

7.16 In Section 15.5 of the SOW (Rev 1), paragraph 15.5.3.11:

Delete: "The Contractor's bid must include a separate price for each of the four (4) exhaust pipe lines to be broken down to include the price for mobilization, demobilization (once) , material and components, and installation labour so that the price for each of the exhaust pipe lines can be discerned. Following the results of the steel thickness measurements, , the CCG will identify which section of pipes needs to be replaced."

Insert: "The Contractor's bid must include a separate price for each of the four (4) exhaust pipe lines, associated with the auxiliary generator, port and Stbd Boilers, and the incinerator, to be broken down to include the price for mobilization, demobilization (once) , material and components, and installation labour so that the price for each of the exhaust pipe lines can be discerned. Following the results of the steel thickness measurements, the CCG will identify which section of pipes needs to be replaced."

7.17 In Section 15.5 of the SOW (Rev 1), paragraph 15.5.3.19:

Delete: "The Contractor must supply and replace the non-reusable fasteners equivalent, in grade and classification, to the existing fasteners. The Contractor's bid must include the price for supply and replacement of each set of ten (10) non-reusable fasteners. The final cost will be adjusted by PSPC 1379 process."

Insert: "The Contractor must supply and replace the non-reusable fasteners equivalent, in grade, size and classification, to the existing fasteners. Please refer to drawing "63-10-01 Rev1-1986-03-06 Arrangement diesels and boilers exhaust piping". The Contractor's bid must include the price for supply and replacement of each set of ten (10) non-reusable fasteners. The final cost will be adjusted by PSPC 1379 process."

7.18 In Section 17.1 of the SOW (Rev 1), paragraph 17.1.3.20:

Delete: "The bid must include a separate price for replacing each of the main pump, , and the hydraulic motor – in a case these parts are no longer available. The new replacement units must be the same equipment from the same OEM and have the same specifications including the modifications necessary to install the new parts."

Insert: "There are four (4) identical winch pumps and motors. The Contractor's bid must include separate unit prices for replacing (removal, supply and installation) of one winch pump and its hydraulic motor, as well as for replacing (supply and installation) of just one winch pump's hydraulic motor, and one winch pump – in a case these parts are no longer available. The new replacement units must be the same equipment from the same OEM and have the same specifications including the modifications necessary to install the new parts. The final cost, determined based on the actual quantity of each unit, will be dealt with by PSPC 1379 process."

7.19 In Section 17.2 of the SOW (Rev 1), paragraph 17.2.3.23:

Delete: "b) The price for 50 meters linear length of applying two coats of primer and two coats of top coat paint; and must provide the price per meter as well. The final cost will be adjusted,

up or down, by means of PSPC 1379 Process.”

Insert: “b) The price for 50 meters linear length of applying two coats of primer (RAL 9003, white) and two top coats of RAL 070 7040, buff; and must provide the price per meter as well. The final cost will be adjusted, up or down, by means of PSPC 1379 Process.”

7.20 In Section 18.2 of the SOW (Rev 1), paragraph 18.2.3.10.2:

Add the following sentence to the second bullet:

“The Contractors’ bid must include the price of supply and complete installation of the required foundation and mounting plate as a separate line item.”

7.21 In Section 18.4 of the SOW (Rev 1), paragraph 18.4.3.3.1:

Delete: “The Contractor must supply and install an 8U cabinet (CSM) in the Photocopier Room; please see Figure 18.4-2. The cabinet must be installed on the joiner panel above the photocopier and must be grounded. If required, a foundation must be supplied, welded and painted by the Contractor.”

Insert: “The Contractor must supply and install an 8U cabinet (CSM) in the Photocopier Room; please see Figure 18.4-2. The cabinet must be installed on the joiner panel above the photocopier and must be grounded. If required, a foundation must be supplied, welded and painted by the Contractor. The Contractors’ bid must include the price for the supply and complete installation of the required foundation as a separate line item.”

7.22 In Section 18.4 of the SOW (Rev 1), paragraph 18.4.3.4.1:

Delete: “The Contractor must supply and install an 8U cabinet (CSM) in the canteen. It must be installed on the joiner panel and be grounded. If required, a foundation must be supplied, welded and painted by the Contractor. The location is represented by the red rectangle in the Figure 18.4-3.”

Insert: “The Contractor must supply and install an 8U cabinet (CSM) in the canteen. It must be installed on the joiner panel and be grounded. If required, a foundation must be supplied, welded and painted by the Contractor. The location is represented by the red rectangle in the Figure 18.4-3. The Contractors’ bid must include the price for the supply and complete installation of the required foundation as a separate line item.”

7.23 In Section 19.1 of the SOW (Rev 1), paragraph 19.1.1.3:

Delete: “For the bidding purposes, the bid must include an allowance of \$300,000 to cover the cost of services and Material of the MADSEN FSR for execution of the work in this section. The \$300,000 allowance must form part of the overall bid and must be adjusted, up or down, by PSPC 1379 process upon receipt of the final TSR invoice supported by copies of all related documentation to verify actual expenses.”

Insert: “For the bidding purposes, the bid must include an allowance of \$300,000 to cover the cost of material and services of the MADSEN FSR for execution of the work in this section

including commissioning and trials. The \$300,000 allowance must form part of the overall bid and must be adjusted, up or down, by PSPC 1379 process upon receipt of the final TSR invoice supported by copies of all related documentation to verify actual expenses.”

7.24 In Section 19.2 of the SOW (Rev 1), paragraph 19.2.1.3:

Delete: “For the bidding purposes, the bid must include an allowance of \$30,000 to cover the cost of services of the TECHSOL Marine's (FSR) for execution of the work in this section. The \$30,000 allowance must form part of the overall bid and must be adjusted, up or down, by PSPC 1379 process upon receipt of the final TSR invoice supported by copies of all related documentation to verify actual expenses.”

Insert: “For the bidding purposes, the bid must include an allowance of \$30,000 to cover the cost of services of the TECHSOL Marine's (FSR) for execution of the work in this section including commissioning and trials. The \$30,000 allowance must form part of the overall bid and must be adjusted, up or down, by PSPC 1379 process upon receipt of the final TSR invoice supported by copies of all related documentation to verify actual expenses.”

7.25 In Section 21.1 of the SOW (Rev 1), paragraph 21.1.3.2:

Delete: “21.1.3.2.1 The Contractor must ensure that the Wartsila commissioning process is followed as directed by the Wartsila Detached Representative services are provided under contract with Canada as outlined in items 12.4 - Propulsion Generator Replacement.”

Insert: “21.1.3.2.1 The Contractor must ensure that the Wartsila commissioning process is followed as directed by the Wartsila Site Manager, who is under contract with Canada as outlined in work item 12.4 Propulsion Generator Replacement (Rev 1.1), paragraph 12.4.1.4.”

Delete: “21.1.3.2.2 Wartsila's seconded representative is responsible for executing Wartsila's commissioning plan, including all required configurations, measurements, record keeping, and adjustments to the propulsion generators, to achieve an operational propulsion system.”

Insert: “21.1.3.2.2 The Wartsila's Site Manager is responsible for executing Wartsila's commissioning plan, including all required configurations, measurements, record keeping, and adjustments to the propulsion generators, to achieve an operational propulsion system.”

Delete: “21.1.3.2.3 The Contractor must retain the services of two (2) FSR working under the direction of Wartsila's seconded representatives for the duration of commissioning and all tests and trials performed on the vessel. The Contractor must provide a unit cost per day for an additional person to assist with commissioning, and must indicate the final personnel to be on board as determined by the Contractor in consultation with the Wärtsilä Site Manager.”

Insert: “21.1.3.2.3 The Contractor must provide the services of two (2) experienced shipyard

personnel to assist the three Wartsila Commissioning/Control FSRs (detailed in 12.4) and to work under the direction of the Wartsila's Site Manager for the duration of commissioning and all related tests and trials performed on the vessel. The Contractor must also provide a daily rate (including accommodation and meals) for an additional Wartsila FSR to assist with commissioning, if required; the associated travelling cost, for one round-trip, must be dealt with by PSPC 1379 process. The Contractor must indicate the final number of personnel to be on board as determined by the Contractor in consultation with the Wärtsilä Site Manager."

Delete: "21.1.3.2.4 Canada must ensure that the seconded Wärtsilä representative provides the integration team with the commissioning requirements described in section 21.1.3.1 within two (2) weeks of contract award to allow for effective integration with other system commissioning plans."

Insert: "21.1.3.2.4 Canada must ensure that the Wärtsilä Site Manager provides the integration team with the commissioning requirements described in section 21.1.3.1 within two (2) weeks of contract award to allow for effective integration with other system commissioning plans."

7.26 In Section 21.1 of the SOW (Rev 1), paragraph 21.1.3.3:

Delete: "21.1.3.3.1 The Contractor must ensure that the ABB commissioning process is followed as directed by the Detached Representative."

Insert: "21.1.3.3.1 The Contractor must ensure that the ABB commissioning process is followed as directed by the ABB FSR."

Delete: "21.1.3.3.2 The ABB Detached Representative is responsible for executing ABB's commissioning plan, including all required configurations, measurements, record keeping, and adjustments to the cycloconverters, to achieve an operational propulsion system."

Insert: "21.1.3.3.2 The ABB FSR is responsible for executing ABB's commissioning plan, including all required configurations, measurements, record keeping, and adjustments to the cycloconverters, to achieve an operational propulsion system."

Delete: "21.1.3.3.3 The Contractor must retain the services of two (2) ABB Detached Representative, FSR for the duration of the cycloconverter commissioning and all related tests and trials performed on the vessel."

Insert: "21.1.3.3.3 The Contractor must retain the services of two (2) ABB FSRs for the duration of the cycloconverter commissioning and all tests and trials performed on the vessel."

Delete: "21.1.3.3.4 Canada must ensure that the seconded ABB representative provides the integration team with the commissioning requirements described in Section 21.1.3.1 within two (2) weeks of contract award to allow for effective integration with other system commissioning plans."

Insert: "21.1.3.3.4 Canada must ensure that the ABB FSR provides the integration team with the commissioning requirements described in Section 21.1.3.1 within two (2) weeks of contract award to allow for effective integration with other system commissioning plans."

7.27 In Section 21.1 of the SOW (Rev 1), paragraph 21.1.3.4:

Delete: "21.1.3.4.1 The Contractor must provide for the services of one Madsen Detached Representative FSR (Item 19.2) for supervision of the commissioning of the Woodward Regulator System. The actual cost must be adjusted up or down using PSPC 1379 Process."

Insert: "21.1.3.4.1 The Contractor must provide the services of one Madsen FSR (Specification Work Item 19.1) for supervision of the commissioning of the Woodward Regulator System."

Delete: "21.1.3.4.3 The Contractor must retain the services of one Madsen Detached Representative for the duration of the commissioning of the Woodward Regulator System and all related tests and trials performed on the vessel."

Delete: "21.1.3.4.4 The Contractor must ensure that the Madsen Detached Representative provides the integration team with the commissioning requirements described in Section 21.1.3.1 within two (2) weeks of contract award to allow for effective integration with other system commissioning plans."

Insert: "21.1.3.4.4 The Contractor must ensure that the Madsen FSR provides the integration team with the commissioning requirements described in Section 21.1.3.1 within two (2) weeks of contract award to allow for effective integration with other system commissioning plans."

7.28 In Section 21 of the SOW (Rev 1), paragraph 21.1.3.5:

Delete: "21.1.3.5.1 Contractor must provide for the services of one Techsol Marine Detached Representative to update the alarm and monitoring system (Item 19.1). The actual cost must be adjusted up or down using 1379 Process."

Insert: "21.1.3.5.1 The Contractor must provide the services of one Techsol Marine FSR to update the alarm and monitoring system (AMS), Specification Work Item 19.2, and all related tests and trials performed on the vessel."

Delete: "21.1.3.5.3 The Contractor must retain the services of one Techsol marine representative for the commissioning of the AMS system and all tests and trials performed on the vessel."

Delete: "21.1.3.5.4 The Contractor must ensure that the Techsol Marine Detached Representative provides the integration team with the commissioning requirements described in Section 21.1.3.1 within two (2) weeks of contract award to allow for effective integration with other system commissioning plans."

Insert: "21.1.3.5.4 The Contractor must ensure that the Techsol Marine FSR provides the integration team with the commissioning requirements described in Section 21.1.3.1 within two (2) weeks of contract award to allow for effective integration with other system commissioning plans."

7.29 In Table K-1 of Annex "K" in the ITT document:

Delete :

Item	Description
17	Docking Facility – valid certification of the capacity and condition of the docking facility, as per Part 5, article 5.1.3
23	Preliminary Work Schedule, as per Part 6, article 6.6

Insert :

Item	Description
17	Docking, berthing and mooring facilities – details and valid certification of the capacity and condition of the facilities, as per Part 5, article 5.1.3, and SOW section S, paragraph S 1.1.2.
23	Preliminary Work Schedule, as per Part 6, article 6.6 and Annex "A", G 1.9.10 to G 1.9.15

7.30 In Table K-2 of Annex "K" in the ITT document:

Add :

Item	Description
7	Confirmation that the bidder's quality assurance program meets the standards included in Section G. 1.3.2 of the SOW (Rev 1.1).
8	Change Management Log – as per G 1.9.6 to 9 of the SOW (Rev 1.1).

Incentive Section to be added to Annex "B" in the ITT document

B.8 Financial Incentives

Canada will offer two financial incentives in the Contract. The first incentive is designed to encourage early detection of work arisings related to the known work defined in the Contract. The second incentive is designed to create a reward mechanism for early completion of tasks related to key known work typically associated with the critical path in the refit.

1. Work arising incentive

Upon acceptance of the initial work schedule submitted to Canada 14 calendar days after Contract Award that must show all work activities completed up to the completion of sea trials within the working period in the Contract, Canada will divide the work period into three equal (or as close to equal) sections. Each section will represent approximately 1/3 of the work period in the Contract.

For all Work Arising 1379, authorized by Canada, the portion of the of work that includes material or subcontractor/FSR labour and material is subject to a mark-up of 10% (Refer to Annex "B" sections B.2 and B.2.3. However, under this incentive initiative the 10% mark-up will:

- be increased to 16% for the work arisings detected and performed within the first 1/3 section of the work period.
- remain at 10% for the work arisings detected and performed within the second 1/3 section of the work period.
- be decreased to 6% for the work arisings detected and performed within the third 1/3 section of the work period.

The following conditions must be met for the work arising incentives to apply:

- a) The initial schedule, submitted to Canada 14 calendar days after Contract award, must meet all requirements defined in section 7.18 of the Contract (and the Invitation to Tender document), and be approved by Canada.
- b) After approval, the Work Schedule must be locked. No extensions to the work period in the Contract will be permitted. **The dates representing the 1/3 milestones in the project schedule will be locked in and will not be subject to change.**
- c) It is at Canada's sole discretion to update milestones dates, which, will only be considered on an exceptional basis due to extenuating circumstances that Canada considers outside of the contractor's control.
- d) Considering the Work period section, the date that each individual 1379 is authorized by PSPC and work completed will be used to determine the final % markup applicable on that 1379.
- e) The markup on a 1379, associated with a financial allowance specified in the Contract, is not subject to this incentive; it will remain constant at 10%, where applicable, throughout the Contract period.

2. Milestone incentives

Financial incentives are tied to the completion of three milestones associated with three known work items in the Contract. These three known work items include: Main Engines installation, Internal Communication System Installation, and Asbestos Remediation. The financial detail for three Incentive Milestones is outlined below:

1. Main Engines Installation

- a) All three main engines, their generators and their bases are removed from the vessel in accordance with the specification work item 12.4.....(\$150K)

-
- b) All engines are installed, torqued to Wartsila specification, and the final installation approvals by Wartsila is received.....(\$150K)
 - c) Sea trials are completed, and ABS acceptance is received.....(\$300K)
2. Internal Communication System Installation
- a) ABS approved installation drawings are received.....(\$150K)
 - b) The existing core equipment (foundation, roxtec, etc.) are removed, and the electronics room is made ready to accept the new equipment.....(\$150K)
 - c) The final acceptance by ABS is received.....(\$300K)
3. Asbestos Remediation
- a) The Contractor's submitted plan for Asbestos removal is approved by CCG. Please refer to the Contract section 7.21..... (\$150K)
 - b) The agreed upon asbestos removal tasks are 100% completed, and the third-party verification and associated reports are received..... (\$150K)
 - c) Full asbestos-free replacement insulation is installed and affected bulkheads/decks panels and/or linings are re-installed.....(\$300K)

The following conditions must be met for the milestone incentives to apply:

- a) The Initial Work Schedule, submitted to Canada 14 calendar days after Contract award, must meet all requirements defined in section 7.18 of the Contract (and the Invitation to Tender document), and be approved by Canada.
- b) The dates for each of the financial incentives must appear in the Initial Work Schedule and cannot change throughout the execution of the Contract (with the exception of force majeure).
- c) After approval, the Work Schedule must be locked. No extensions to the work period in the Contract will be permitted. **The dates representing the milestones date will be locked in and are not subject to change.**
- d) It is at Canada's sole discretion to update milestones dates, which, will only be considered on an exceptional basis due to extenuating circumstances that Canada considers outside of the contractor's control.
- e) Milestone incentives can be invoiced when they are achieved. The incentives will be paid out, on completion, if the milestones' dates are achieved by the shipyard.

End of Solicitation Amendment No. 003.

All other terms and conditions remain the same.