



**RETURN BIDS TO:**

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**Bid Receiving - PWGSC / Réception des soumissions  
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**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

<b>Title - Sujet</b> Dry docking of CCGS Samuel Risley	
<b>Solicitation No. - N° de l'invitation</b> F2599-165017/A	<b>Amendment No. - N° modif.</b> 001
<b>Client Reference No. - N° de référence du client</b> F2599-165017	<b>Date</b> 2016-05-13
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$\$MD-021-25830	
<b>File No. - N° de dossier</b> 021md.F2599-165017	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2016-05-27</b>	<b>Time Zone</b> Fuseau horaire Eastern Daylight Saving Time EDT
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Byron, Dan	<b>Buyer Id - Id de l'acheteur</b> 021md
<b>Telephone No. - N° de téléphone</b> (819) 420-2898 ( )	<b>FAX No. - N° de FAX</b> ( ) -
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b>	

**Instructions: See Herein**

**Instructions: Voir aux présentes**

<b>Delivery Required - Livraison exigée</b>	<b>Delivery Offered - Livraison proposée</b>
<b>Vendor/Firm Name and Address</b> <b>Raison sociale et adresse du fournisseur/de l'entrepreneur</b>	
<b>Telephone No. - N° de téléphone</b> <b>Facsimile No. - N° de télécopieur</b>	
<b>Name and title of person authorized to sign on behalf of Vendor/Firm</b> <b>(type or print)</b> <b>Nom et titre de la personne autorisée à signer au nom du fournisseur/ de l'entrepreneur (taper ou écrire en caractères d'imprimerie)</b>	
<b>Signature</b>	<b>Date</b>

Solicitation Amendment # 1 is issued to:

- 1) Introduce the question and answers received to date during the solicitation
- 2) Replace text in part 6 of the ITT, article 6.14 Welding Certification
- 3) Replace text in Annex A, Section 6.1 Identification
- 4) Replace text in Annex A, Section 18.3.3 Mechanical Overhauls
- 5) Replace text in Annex A, Section 18.3.7 Mechanical Installation

**1) Introduce the question and answers received to date.**

ADD (to the solicitation):

Question Number	Question	Answer
1	Can you advise if CCG would accept another product for undercoating? The Specification calls for Armercoat product we would like to offer Ecospeed as alternative	It is not CCG's intention to renew the entire coating onboard the vessel. Therefore to maintain warranties and performance of existing coatings Amercoat shall be used.
2	For the upcoming CCGS Samuel Risley bid, we are wondering if it is possible to get an allowance in place for the travel and living expenses of all FSR's to be adjusted by 1379 with final invoice on top of the allowance of hours to bid for each individual task. Please advise	No, there will be no allowance for FSR travel and living expenses in the Contract.
3	Can you please clarify spec. item 26.0 – Washroom/Vanity/Piping Modernization – The first paragraph states that there will be 8 washrooms in total to be re-done. However, there are 17 washrooms listed below in the work scope. Can you please specify/clarify how many washrooms are being done and indicate what has to be done to each of these washrooms?	11 Washrooms and 6 vanities
4	In 6.14 1(b) is there a requirement for Cold Fusion Aluminum Welding in Annex A. If not, can this Certification be removed as a deliverable?	No, there is no immediate requirement for Cold Fusion Aluminum Welding in Annex A. This certification will not be required as a mandatory deliverable. However should there be a requirement for Cold Fusion Aluminum welding during any work arising, Canada reserves the right to request this certification from the yard or their subcontractor.
5	Do bidders have to attend both days of the vessel viewing?	no
6	Will Canada have Liebherr Crane give an itemized list of what work will be performed by themselves and what work can be done by the shipyards? This was done on the Earl Grey and sent to all bidders along with their costing.	CCG has asked the yard to provide this list based on the worked detailed in section 18 of the SOW (ref section 18.3) to be provided in the bid submission. Contractor shall also provide a letter signed by Liebherr agreeing to this work scope and division of work, which shall be provided in bid submission.

7	Spec 18.3.3 MECHANICAL OVERHAULS Will Liebherr act as a FSR on the equipment overhauls as mentioned in the spec. they would not on the Earl Grey the winches and gear boxes where sent to Hamburg as per amendment 13 quote from LIEBHERR Liebherr will not be involved with any gearbox repairs outside of our facilities and therefore, will not be able to offer warranty on any repairs. This statement resulted in a rewrite of the spec.	The scope of work for the Samuel Risley Crane O/H is different than that of the Earl Grey. CCG is supplying new components to be upgraded as defined in 18.3.6 and 18.3.7. All remaining equipment shall be cleaned and inspected only <b>(Please see change section 18.3.3)</b> . During discussion with CCG and Liebherr it was made clear that no items were to be shipped overseas to overhaul.
8	Spec 8.3.4 seam and butt welding spec asks to gouge 160 meters of weld. Will Canada please give the number of passes to expected to weld so everyone is bidding the same	Single Pass.
9	Spec 15.3.1 states that all Thordon bushing and stainless steel sleeve material will be supplied by Coast Guard. Section 15.5 Deliverables it asks the contractor to supply Classification society type approval for all Thordon bearing products installed in this specification, should Coast Guard not already have this as they ordered the material	CCG will supply all class approval documentation with regards to GFM supplied bushing and sleeve material.
10	Spec 24.3 Kort Nozzle Repair 12 meters of gouging and 12 meters of weld is this a single bead of weld or how many passes of weld should we bid on	Single Pass.
11	Spec 7 Will ABS Grade E plate be acceptable	Yes CCG will accept ABS grade E plate in substitution for Lloyd's grade E.
12	Will safety boot and hard hats be required for the vessel viewing	no
13	In section 8.3.5 of the drydocking spec, first paragraph, last sentence "The Contractor will make an allowance of twenty hours of Amercoat FSR time for the purpose of bidding." . Does this time allowance apply for section 8 Underwater Hull only, or does the twenty hours include Amercoat FSR time for other sections of the specification?	just for section 8.0

## **2) Replace text in part 6 of the ITT, article 6.14 Welding Certification**

DELETE (in its entirety): ITT, Part 6, article 6.14 Welding Certification

INSERT:

### **6.14 Welding Certification**

1. Welding must be performed by a welder certified by the Canadian Welding Bureau and in accordance with the requirements of the following Canadian Standards Association (CSA) standards:

- (a) CSA W47.1, Certification for Companies for Fusion Welding of Steel (**Division 1 or Division 2**); and,
- (b) CSA W47.2, Certification for Companies for Fusion Welding of Aluminum (**Division 1 or Division 2**).

The bidder must submit proof of certification with the bid that it meets the requirements of CSA W47.1, Certification for Companies for Fusion Welding of Steel (Division 1 or Division 2).

The certification shall remain valid for the duration of the contract. If the proof of certification for CSA W47.1, Certification for Companies for Fusion Welding of Steel (Division 1 or Division 2) is not provided with the bid it will render the bid non-responsive.

**Refer to Annex " J1" for Deliverables/Certifications.**

### 3) Replace text in Annex A, Section 6.1 Identification

DELETE (in its entirety): 6.1 Identification

INSERT:

#### 6.1 Identification

The Contractor will dock the vessel, carry out the work identified in this specification and then undock the vessel. The Contractor will discuss with the TA any comments, concerns or observations they may have regarding the effect of work on the vessel's stability or carrying capacity. Additionally any work item that, in the opinion of the Contractor may pose a vessel structural integrity problem is to be brought to the attention of the TA. The Contractor will advise the IA and TA of the details of any major changes in the distribution of weights on the vessel, while the vessel is in dry-dock.

**Bidders must provide dry-docking infrastructure that will allow docking and undocking of the vessel under the conditions outlined in Annex A, Section 3.0 - Vessel Particulars, at any time of the year, throughout the Work period.**

### 4) Replace text in Annex A, Section 18.3.3

DELETE (in its entirety): 18.3.3 Mechanical Overhauls

INSERT:

#### 18.3.3 Mechanical Overhauls

The Contractor will use Liebherr Canada FSR's to complete overhauls on all existing, new and refurbished equipment to be reinstalled on the crane.

**All hydraulic and mechanical components including slewing motors, gears and connections will be cleaned and inspected by the FSR. Any deficiencies noted during the inspection shall be reported to the TA and either dealt with by 1379 action or deferred for later repair.**

The Contractor must open the system oil tank and clean any residue in the tank. The tank will be inspected by the TA prior to being closed up.

The Contractor must supply and replace all system air, breather, precision and hydraulic filters with OEM components.

The Contractor must supply and install new bearings for the electric motors for the aggregates. The motors will be tested for insulation resistance, and the results provided to the TA. Any deficiency will be addressed using by submitting a PWGSC Form 1379. The electric motors must be assembled according to the manufacturer's instructions and the FSR's guidance.

## **6) Replace text in Annex A, section 18.3.7 Mechanical Installation**

DELETE (in its entirety): 18.3.7 Mechanical Installation

INSERT:

### **18.3.7 Mechanical Installation**

The Contractor using Liebherr Canada FSR's must complete the following hydraulic system upgrades;

- Install new hydraulic pumps
- Install new hydraulic winch motors
- Install new hydraulic control valves
- Install new luffing cylinders

The Contractor will use Liebherr Canada FSR's to install two new hydraulic luffing cylinders on the crane. The Contractor must replace the grease fittings and grease hoses with Contractor supplied new components.

The Contractor under the guidance of a Liebherr Canada FSR will reinstall the reconditioned crane boom. Contractor must supply all new OEM parts required to reassemble and install crane onboard the vessel (ref. Liebherr Shipyard Supply List).

The Contractor will supply and fill the gear cases with FSR recommended quantities and grade of new gear oil.

The Contractor will use Liebherr Canada FSR's to install the two auxiliary hoist winches above the crane cab and install new Contractor supplied hoses. The Contractor must supply and fill the gear cases with FSR recommended quantities and grade of new gear oil. The Contractor will refit the hoist wires to the winches under the supervision of the FSR.

The Contractor will use Liebherr Canada FSR's to install the main hoist winch above the crane cab and install new Contractor supplied hoses. The Contractor must supply and fill the gear case with FSR recommended quantity and grade of new gear oil. The Contractor will refit the main hoist wire to the winch under the supervision of the FSR.

The Contractor must use Liebherr Canada FSR's to install the two aggregate motor/pump assemblies into the crane. The Contractor will supply and fill the gear case with FSR recommended quantity and grade of new gear oil. The Contractor must install new hoses for the pump sets and all other hydraulic components in the crane.

The Contractor must refill the crane hydraulic system with the FSR recommended quantity and grade of new hydraulic oil.

**Liebherr Shipyard Supply List**

<b><u>Item</u></b>	<b><u>Part# / Description</u></b>	<b><u>Qty Required</u></b>
1	10020190 CASEPUMP	1.00 Pcs
2	10020186 MEASURING HOSE	2.00 Pcs
3	10444464 BOLT TENSIONING CYL	2.00 Pcs
4	10020298 SUPPORT SLEEVE	2.00 Pcs
5	519616614 BOLT TENSIONING CYL	2.00 Pcs
6	409859914 DOUBLE-ENDED STUD (Includes 3.1 Material Cert.)	72.00 Pcs
7	412702614 NUT	72.00 Pcs
8	0012670 SUBCONTRACTOR COSTS (Class/Cost For Pos. 7)	1.00 Pcs
9	421500614 WASHER	72.00 Pcs
10	779031514 PROTECTING CAP (Replaces P/N 779017414)	72.00 Pcs
11	969484714 PIN	1.00 Pcs
12	969484914 COVER	1.00 Pcs
13	406517914 HEX SCREW (Replaces P/N 490009403)	3.00 Pcs
14	969485014 PLATE	3.00 Pcs
15	969485114 CROSS BLOCK	1.00 Pcs
16	969483814 BEARING BUSHING	2.00 Pcs
17	969483914 DISTANCE RING	4.00 Pcs
18	746114114 ROLLER BEARING	2.00 Pcs
19	710007014 SEALING RING	4.00 Pcs
20	10543939 HEX SCREW (Replaces P/N 406523114)	12.00 Pcs
21	425222114 SERRATED LOCK WASHERS	12.00 Pcs
22	969418214 PIN	2.00 Pcs
23	969462814	2.00 Pcs



24	COVER 425222114	8.00 Pcs
25	SERRATED LOCK WASHERS 10543941	8.00 Pcs
26	HEX SCREW 926045214	1.00 Pcs
27	ROPE PULLEY CPL (Replaces P/N 927036614) 969484114	2.00 Pcs
28	COVER 10539317	6.00 Pcs
29	HEX SCREW 425221614	6.00 Pcs
30	SERRATED LOCK WASHERS 969483514	1.00 Pcs
31	PIN 969483614	1.00 Pcs
32	PIN 10585507	3.00 Pcs
33	PROFILE CORD (For Winch 5400 636 14) 10584906	3.00 Pcs
34	FIXING BAND (For Winch 5400 636 14) 502022514	1.00 Pcs
35	MULTI-DISK BRAKE (For Winch 5400 636 14) 11305568	12.00 Pcs
36	PRESSURE SPRING (For Winch 5400 636 14) 11305579	8.00 Pcs
37	PRESSURE SPRING (For Winch 5400 636 14) 0012670	3.00 Pcs
38	SUBCONTRACTOR COSTS (For Winch 5400 635 14) 10584906	3.00 Pcs
39	FIXING BAND (Fror Winch 5400 635 14) 502022514	1.00 Pcs
40	MULTI-DISK BRAKE (For Winch 5400 635 14) 11305568	22.00 Pcs
41	PRESSURE SPRING (For Winch 5400 635 14) 11305579	12.00 Pcs
42	PRESSURE SPRING (For Winch 5400 635 14) 10539530	24.00 Pcs
	SOCKET HEAD SCREW	