



**RETURN BIDS TO:**

**RETOURNER LES SOUMISSIONS À:**

Réception des soumissions - TPSGC / Bid Receiving -  
PWGSC

Voir dans le document/

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NA

Quebec

NA

**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**

TPSGC/PWGSC  
1550 Avenue d'Estimauville  
Québec  
Québec  
G1J 0C7

<b>Title - Sujet</b> CCGV P. Radisson - Refit 2020	
<b>Solicitation No. - N° de l'invitation</b> F3065-202250/A	<b>Amendment No. - N° modif.</b> 005
<b>Client Reference No. - N° de référence du client</b> F3065-202250	<b>Date</b> 2020-10-01
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$QCV-007-17988	
<b>File No. - N° de dossier</b> QCV-0-43087 (007)	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> <b>on - le 2020-10-08</b>	<b>Time Zone</b> <b>Fuseau horaire</b> Heure Avancée de l'Est HAE
<b>F.O.B. - F.A.B.</b> Specified Herein - Précisé dans les présentes	
<b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input type="checkbox"/> <b>Other-Autre:</b> <input checked="" type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Simoneau, Steve	<b>Buyer Id - Id de l'acheteur</b> qcv007
<b>Telephone No. - N° de téléphone</b> (418) 564-9517 ( )	<b>FAX No. - N° de FAX</b> (418) 648-2209
<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>

## NOTICE OF AMENDMENT 005

### Included in the present amendment:

1. Questions 10 and 11
  2. Modifications to the Solicitation document
  3. Modifications to the Technical Specifications
  4. Revision of Appendix 1 of Annex I
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### 1. Questions 10 and 11

#### Question 10 :

Under Part 2.7 Period of proposed work: Following the preliminary analysis of the contract. The proposed timeframe for the work appears to be insufficient. Some equipment has a longer delivery time than the period granted and the work on the davit (Art. 17.1) is long.

Are you open to a longer period?

#### Answer 10:

Yes, we are aware that certain items could create certain delays. See the modifications to the technical specifications included in this Amendment 005. For operational reasons, we can postpone the end of the work period to December 4, 2020.

#### Question 11:

In reference with item 20.1:

- a) Is it acceptable to weld on the hull during plunge welding?
- b) Will the vessel be positioned to port or starboard during the work?

#### Answer 11:

- a) Welding is permitted. Regarding diving See 12.1.C.1.5
  - b) As the vessel will likely need to be repositioned for the diving, the positioning can be discussed to facilitate the work.
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## 2. Modifications to the Solicitation document

Under Part 2, Item 2.7 - Proposed Work Period and Part 7, item 4.2 – Work period, **DELETE** and **REPLACE** with:

Work is to commence and be completed as follows:

Start of Work: October 20, 2020 or as per ship's availability.  
End of Work: December 4<sup>th</sup>, 2020 or 7 weeks following start of the work

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## 3. Modifications to the Technical Specifications

**ADD** the following item 11.9.C.2.7 to the Scope of Work:

Item 11.9.C.2.7 - The contractor must provide proof of purchase of the equipment before the end of the work period.

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**ADD** the following item 12.1 to the Scope of Work:

### 12.1 Strain gauge analysis shaft line

See following pages for detailed Specification

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**DELETE** and **REPLACE** item 17.1.C.2 with:

### 17.1.C.2 Control System

- 17.1.C.2.1 The contractor must design a control system with commercial components still in production and that will be in production for at least another 10 years. The new davit control system must be designed by the contractor with the new components and be a stamped system approved by the Contractor engineer. The components must keep the same protection functions as the system in place at present. The contractor must provide a list of materials required for installation..
- 17.1.C.2.2 The modified control system plan must be produced according to the CCG drawing template, see G 1.6 Drawings.
- 17.1.C.2.3 Option: The contractor must install the control system for the davit and demonstrate operation.
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## 4. Revision of Appendix 1 of Annex I

See following pages

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**ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED**

**Appendix 1 of Annex I – Price per Item Sheets**

**(i) PART I - Scheduled Work:**

<b>Item</b>	<b>Description</b>	<b>Prix Ferme</b>
<b>G 1.0</b>	<b>GENERAL COMMENTS</b> The fees related to this item, if applicable, must be distributed in each of the items below.	
<b>S 1.0</b>	<b>SERVICES</b>	_____ \$
<b>10.0</b>	<b>SAFETY AND SECURITY</b>	
	10.1 Firefighting Systems	_____ \$
	10.2 Sprinkler line repair	_____ \$
	10.3 Asbestos removal of the propulsion motors, scuba room and heating units 1, 4, and 5.	_____ \$
<b>11.0</b>	<b>HULL AND RELATED STRUCTURE</b>	
	11.1 Installation of 2 heaters in helicopter hangar	_____ \$
	11.2 Battery room remodel	_____ \$
	11.3 Laundry room dryer vent	_____ \$
	11.4 Engine room rating's washroom	_____ \$
	11.5 Deckhand's washroom	_____ \$
	11.6 Shower surround, women washroom	_____ \$
	11.7 Flight deck drain	_____ \$
	11.8 Mast reinforcement	_____ \$
	11.9.2.C.2 Furniture of 3 inside doors	_____ \$
11.10 Chef Engineer night cabin	_____ \$	
<b>12.0</b>	<b>PROPULSION AND MANUEVERING</b>	
	12.1 Strain Gauge analysis shaft line	_____ \$
<b>15.0</b>	<b>AUXILIARY SYSTEMS</b>	
	15.1 Piping renewal	_____ \$
	15.2 Galley range hood Cleaning and Certification	_____ \$
<b>16.0</b>	<b>DECK EQUIPMENT</b>	
	16.1 Port and Starboard Barge Davits	_____ \$
<b>20.0</b>	<b>SCIENTIFIC, OCEANOGRAPHIC, AND HYDROGRAPHIC EQUIPMENT</b>	
	20.1 Multi-beam wire-gland repair	_____ \$

Item	Description	Prix Ferme
<b>PART 1 – SCHEDULED WORK – TOTAL FIRM PRICE = (i)</b>		_____ \$
<b>SEE FOLLOWING SECTION - POTENTIAL WORK OR OPTIONAL</b>		

**(ii) PART II – Potential or Optional Scheduled Work:**

Item	Description	Firm Price for EVALUATION
	For optional items 11.4.C.3.3, 11.5.C.2.4 and 11.6.C.1.2	
11.0	Provide a price per square foot to destroy and dispose of marine cement, prepare the surface and redo the approved marine cement system. 200 square feet (estimated) X _____ \$ per sq <sup>2</sup> =	_____ \$
	11.9 Installation of 3 inside doors (excluding door acquisition)	_____ \$
<b>PART II - Optional Scheduled Work – TOTAL FIRM PRICE = (ii)</b>		_____ \$

**Note: PWGSC reserves the right to exercise all the options or partial options.**

**(iii) Known Work:**

<b>TOTAL FIRM PRICE FOR KNOWN WORK (iii) = (i) + (ii)</b>	_____ \$
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**Remark to Bidders:**

Canada may reject the bid if any of the prices submitted do not reasonably reflect the cost of performing the part of the work to which that price applies.

## **12.0 Propulsion and Manuevering**

### **12.1 <sup>2</sup>STRAIN GAUGE ANALYSIS SHAFT LINE**

#### **12.1.A Identification**

12.1.A.1 Provide the services of a strain gauge sensor to check the alignment of the two propulsion shafts.

#### **12.1.B References**

##### **12.1.B.1 Equipment Data**

12.1.B.1.1 The shaft line consists of an electric motor, a thrust bearing, a roller bearing and 2 bearings in the stern tube. The shaft has a diameter of 26".

##### **12.1.B.2 Drawings and Documents**

12.1.B.2.1 All Drawings are listed in the General Notes. The following Drawings are to be considered as Guidance Drawings as defined in the Drawings section of the General Notes.

Drawing Number	DRAWING TITLE	Number of Sheets

##### **12.1.B.3 Regulations and Standards**

12.1.B.3.1 The following Standards and Regulations apply to work carried out in this section; The Contractor must ensure all work completed in this section meets these Standards and Regulations as well as any other pertinent Federal/Territorial Regulation or Standard:

FSM Procedures	Title	Included Yes/No
Publications		
Standards		
Regulations		
	Canada Shipping Act and Regulations	

#### **12.1.C Statement of Work**

12.1.C.1.1 The Contractor must hire a firm with technicians in Canada or consider quarantine measures in relation to entry and Coast Guard standards for VIDOC 19.

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<sup>2</sup> MOD 2 insert 12.1

- 12.1.C.1.2 The contractor must review the technical documents with respect to propulsion shafts.
- 12.1.C.1.3 The specialized firm must come on site to measure the alignment of the two propulsion shafts with precision strain gauge instruments.
- 12.1.C.1.4 The contractor must assist the specialized firm with respect to the handling of the propeller shaft and the static load test. The contractor must provide the labour, material and tools required by the specialized firm for the handling of propeller shafts and the static load test.
- 12.1.C.1.5 The Contractor must take shaft wear-down measurement with the divers. A section of the rope-guard is removable and must be re-installed after the work is completed. Measuring equipment will be provided. Coordinate with 20.1.C.1

### **12.1.D Proof of Performance**

#### **12.1.D.1 Inspection Points**

- 12.1.D.1.1 On-site testing must be done in the presence of the Chief Engineer.

#### **12.1.D.2 Testing/Trials**

#### **12.1.D.3 Certification**

#### **12.1.D.4 Documentation**

- 12.1.D.4.1 A service report of the alignment status and adjustment recommendations must be submitted to the Technical Authority prior to completion of the work.
- 12.1.D.4.2 A preliminary report must be submitted one week after the measurement is taken.

#### **12.1.D.5 Training[ – Not Used]**

- 12.1.D.5.1 [All training requirements.]

## **13.0 Power Generation Systems[ - NOT USED]**

## **14.0 Power Distribution Systems[ - NOT USED]**