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**SOLICITATION AMENDMENT
MODIFICATION DE L'INVITATION**

The referenced document is hereby revised; unless otherwise
indicated, all other terms and conditions of the Solicitation
remain the same.

Ce document est par la présente révisé; sauf indication contraire,
les modalités de l'invitation demeurent les mêmes.

Comments - Commentaires

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

Title - Sujet Drydock CCGV Amundsen	
Solicitation No. - N° de l'invitation F7049-200177/A	Amendment No. - N° modif. 002
Client Reference No. - N° de référence du client F7049-200177	Date 2021-06-18
GETS Reference No. - N° de référence de SEAG PW-\$QCV-007-18179	
File No. - N° de dossier QCV-0-43249 (007)	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 2021-08-10 Heure Avancée de l'Est HAE	
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: Simoneau, Steve	Buyer Id - Id de l'acheteur qcv007
Telephone No. - N° de téléphone (418) 564-9517 ()	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

NOTICE OF AMENDMENT 002

Included in the present Amendment:

1. Virtual access to the CCGV Amundsen
2. Revision of Section 12.9 of Annex A – Statement of Requirements
3. Modifications to the Annex A – Statement of Requirements
4. Modifications to the Solicitation document

1. Virtual access to the CCGV Amundsen:

Bidders can access the Virtual content of the vessel at the following link:

<https://mpembed.com/show/?m=MFMJ7TBvM9T&mpu=71>

Password : DDAMD2021!

2. Revision of Section 12.9 of Annex A – Statement of Requirements

A numbering problem appeared in section 12.9 - Retractable thrusters. Please refer to the revised section attached to this Amendment 002 (F7049-200177_SOW_SECTION 12.9_Rev01). Also note that the following changes were made under 12.9. See article 3 below.

3. Modifications to the Annex A – Statement of Requirements

Under Item S 4.17 of Annex A, **DELETE** and **REPLACE** with:

S 4.17 There must be a minimum vertical clearance of 5f (1.52 m) under the keel. There must also be a minimum vertical clearance of 9'-10" (3m) in way of the retractable thrusters. This can be accomplished by positioning the vessel over a pit(s) in the bottom of the dry dock that would create sufficient clearance for the thrusters to be lowered out, removed and replaced from under the vessel.

Item 12.9.A.5 of Annex A, the text has been **REPLACED** with:

12.9.A.5 The Contractor must modify the steel structure and install the new Wartsila retractable thruster system complete with forward and aft azimuth type retractable thrusters, auxiliary systems, E-drive motors, VFD's and DP System under the technical assistance and guidance of Wartsila Site Management and FSRs. The installation of the retractable thrusters must be performed in dry dock with the vessel docked at a minimum vertical clearance height of 5ft (1.524 m) from dock floor to base line ship and at minimum vertical clearance of 9'-10" (3m) in way of the retractable thrusters to ease the mounting of the thruster assembly.

Item 12.9.C.8 of Annex A, the text has been **REPLACED** with :

12.9.C.8 The Contractor must map out transit routes for all equipment being removed and installed. The Contractor must include all costs for the removal and reinstallation of all interference items in their bid. There are various transit routes for the removal of major components. The intention is for the components to exit and enter the vessel through the forward and aft thruster wells at the bottom of the vessel. Any piping, manholes, parts and/or equipment and structures requiring removal to carry out the specified work and/or to gain access must be refitted upon completion with appropriate welding, jointing, anti-seize compound, clamps and brackets as applicable (Contractor supply). The option to remove the top hats above the thruster compartments is available to the Contractor. If this is to be included in the work plan, the Contractor must include in their bid proposal, all costs to open up, ventilate and provide certification for all tanks and spaces that require entry. This must include the certification of tanks for hot work, as well as maintaining the appropriate certification until the tanks have been closed. The Contractor is responsible for closing all tanks and replacing removed structure.

Item 12.9.C.15.2 of Annex A, the text has been **REPLACED** with :

12.9.C.15.2. f) The Contractor must disconnect and remove the existing Forward and Aft Hydraulic Power Pack Steering and Retraction System from the Thruster Compartment, Propulsion Motor Room, Station de Pompage Avant Valve Control Room (Fr 146 to 150 on Upper Dk), and Unit de Ventilation 5 (port of central line Fr. 13 to 31 on Upper Dk). This will include, but not be limited to the following: hydraulic power units, motors, seawater cooling system, control cabinets, oil header tanks, hydraulic hoses, electrical controls, hardware, wiring and operator interfaces.

Bold Note at the end of the page under item 12.9.C.15.2.F, the text has been **REPLACED** with :

NOTE: The existing seawater cooling system must be removed without damage, secured on a pallet, and stored safely on board the vessel for the TA.

Item 12.9.C.17.11 of Annex A, the text has been **REPLACED** with :

12.9.C.17.11 The Contractor must supply and install all required hydraulic fluids and gearbox oils. The Contractor must supply 1600L of Shell - Naturelle S4 Gear Oil for the Thruster System and 300L of Petro Canada - Hydrex AW32 for the Steering System as well as oil for flushing the system. The Contractor must insure that the required fluids are available for filling and flushing the hydraulic system per *DAAF509960 - Mounting Instruction – Filling with oil.*

Item 16.3.C.6 of Annex A has been **ADDED** :

16.3.C.6 The contractor must complete modification of the pantry following the Amundsen Galley and Pantry – Plan and Elevation and Spec Pantry documents. The Contractor must use

same wall panelling, ceiling and flooring as previously identified for the Galley. The Contractor must repair marine concrete subfloor in the same way as previously explained for the Galley. The Contractor must assume that 50% of the whole Pantry marine concrete subflooring (6m²) will have to be removed down to the deck steel to accommodate the installation of new cabinet bases. The Contractor must then rebuild the marine concrete subflooring following the same steps as previously explained for the Galley (see item 16.3.C.4.11). The Pantry must be cleaned in the same way that the Galley will be when the work is completed.

4. Modifications to the Solicitation document

Under Item 6.4.1 of the solicitation document, **DELETE** and **REPLACE** with:

6.4.1 Docking limitations

Further dry docking limitations are described in Annex A. Before Contract award, the Bidder will be required to provide proof of their ability to accommodate the additional space required to remove and install the Retractable Thrusters (described in specification 12.9). For this item, there must be a minimum clearance of 3m (9.84 ft) under the keel in way of the retractable thrusters. The Bidder must be able to demonstrate, by means of drawings and calculations, that sufficient clearance exists in their dry dock to access, remove and install all Retractable Thrusters.

Under B5.2 of Annex B – Basis of Payment and I4.1.2 of Annex I – Financial Bid Presentation Sheet, **DELETE** and **REPLACE** with:

Docking and Undocking include:

- (a) all costs resulting from drydocking, wharfage, security, shoring, shifting and/or moving of the vessel within the successful Bidder's facility; this includes any movement of the vessel to establish the clearance under the vessel to facilitate the removal and installation of the thrusters. If the work plan includes multiple dockings then all costs must be included in the bid. If the work plan requires the vessel to be moved or re-docked the time must be included in the schedule and not cause delays.
- (b) the cost of services to tie up the vessel alongside and to cast off.

Unless specified otherwise, the vessel will be delivered by Canada to the successful Bidder's facility alongside a mutually agreed safe transfer point, afloat and upright, and the successful Bidder will do the same when the Work is completed.

- (c) the Contractor is to insure the vessel is docked on blocks that do not interfere with the movement of equipment being installed under vessel from the dock floor; in the event that blocks requires further movement then all costs must be included.

Unless specified otherwise, the vessel will be delivered by Canada to the successful Bidder's facility alongside a mutually agreed safe transfer point, afloat and upright, and the successful Bidder will do the same when the Work is completed.

ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED