

## SOLICITATION F1782-20C186/A – STATEMENT OF WORK SUPPLEMENT – REVISION 01

This Supplement is raised to:

- 1) Address questions raised by industry.
- 2) Present comments made by Canada; and
- 3) Revise the Statement of Work document.

This version of the Solicitation F1782-20C186/A – Statement of Work Supplement supersedes all previous versions of the Solicitation F1782-20C186/A – Statement of Work Supplement. If previously raised questions remain unanswered, please resubmit them by e-mail to the Contracting Authority.

Updates to this Supplement since the last version are in green text.

This Supplement affects the content of the Solicitation and its associated documents.

The bid must take into account:

- 1) The Solicitation documents available from the Government Electronic Tendering System at <https://BuyandSell.gc.ca/procurement-data/tenders>;
- 2) This Statement of Work Supplement; and
- 3) The documentation referenced within the Solicitation documents including this Statement of Work Supplement.

### A. Questions and Answers

Item	Specification Reference	Question	Answer	Date
1	General	Would the Coast Guard be open to relocating the vessel to a contractor's facility for the alongside refit, or does the work have to be performed at the Huron Street base?	Yes, the work can occur alongside the Contractor's facility. The solicitation has been revised to allow for this.  Note the Financial Bid Presentation Sheet will be updated prior to Solicitation close to insert the Vessel Transfer Costs which must be incorporated into the bid price of any bidder that requires the vessel to be relocated to their facility.	2020-09-04
2	11.2 A.2	Para A.2 states that the contractor must supply new furniture, and para C.3.4 states that all new furniture in the design drawing are GSM (constructed by ProNautic). Is VSL to allow for the cost to supply new furniture, or assume all furniture is GSM?	All furniture shown in the Greg Marshall design drawings will be purchased by CCG.	2020-08-18
3	11.2 C4.1 Deck Covering	The SOW states the Contractor must supply and install new flooring in affected areas. Flooring must be marine vinyl flooring. Colours and pattern of interior deck finish must be as shown on the design drawings and finishing schedule. Flooring must be	As-build drawing to be provided. All references to the finishing schedule in the specification are referring to drawing 1183-603-Finishing Schedule RA	2020-08-18

		intended for use on ships and in compliance with SOLAS and the FTP Code. - Please provide document 190-634.00-004 Deck Covering Schedule and/or as fit details as to vinyl deck finish, type/depth of deck screed, supplier/manufacturer details.		
4	11.2 C.2 Strip-Out	The SOW states the Contractor must supply all new lights, wall sockets, light switches, and other electronic wall mounted sockets.  Please provide a material list or P/N, make & model of new lights, switches and any other material contractor must supply.	Documents/details to follow in another amendment.	2020-08-18
5	11.2 C.9.2 Electrical/Electronics	The SOW states the Contractor must relocate the SSAS button in the ship's office to the Commanding Officer's cabin, 02A02. Contractor must remove the existing wiring and rewire in the new location.  Please provide type of cable & length for relocating. Provide location of new SSAS button	SSAS button be located on or near the Commanding Officer's desk.	2020-08-18
6	11.2 C.9.3 Electrical/Electronics	The SOW states the Contractor must install new emergency lighting in the new port side cabin. The Contractor must wire the new emergency lights to the existing emergency lighting system. A total of 10 existing Emergency lights are located in both P & STBD cabins & wash places. 34 lights are proposed for the new retrofit. With that said an additional 24 lights are added to existing circuit.  Will we have to run a new circuit for additional load? Which PNL and breaker will we use? Please provide cable type and length for emergency lighting.	Documents/details to follow in another amendment.	2020-08-18
7	11.2 C.9.5 Electrical/Electronics	The SOW states there must be 1 fire detector in each cabin. The Contractor must install and wire 1 new fire detector in the new port side cabin. New fire detector to be GSM. The Contractor must relocate the 3 existing fire detectors if required. The Contractor must re-label the fire panel to reflect the new layout.  Please provide location details. Provide cable length & cable type. Are smoke detectors going to be daisy chained off existing?	New fire detector to be installed in new port side cabin. Exact location to be determined by Contractor.	2020-08-18
8	11.2 C.9.7	The SOW states there must be 1 ICS phone in each cabin, 1 in the ship's office, and 1 in the photocopier room. The Contractor must install 1 new ICS phone in the new port side cabin and 1 new ICS	New phones will be GFM and will match the existing. There are currently 4 phone	2020-08-18

	Electrical/Electronics	<p>phone in the photocopier room. The Contractor must relocate the 4 existing ICS phones as required. 2 new ICS phones to be GSM.</p> <p>Are these phones a plug and play like existing? No additional connections?</p>	connections. One additional phone connection to be installed by the Contractor.	
9	11.2 C.9.8 Electrical/Electronics	<p>The SOW states there must be 1 ICS speaker in each cabin and 1 in the ship's office. The Contractor must install 1 new ICS speaker in the new port side cabin. The Contractor must relocate the 4 existing ICS speakers as required. New ICS speaker to be GSM.</p> <p>Please provide location? Are these speakers daisy chained together from existing? Provide cable length &amp; type</p>	<p>Exact location of ICS speakers to be determined by Contractor.</p> <p>Documents/details to follow in another amendment.</p>	2020-08-18
10	11.2 C.9.9 Electrical/Electronics	<p>The SOW states there must be 1 EDS box in each cabin. The Contractor must install 1 new EDS box in the new port side cabin and 1 new EDS box in the new starboard side cabin. The Contractor must relocate the 2 existing EDS boxes as required. EDS boxes to be connected to the TVs with an HDMI cable. 2 new EDS boxes to be GSM.</p> <p>Are we using existing foundations for these EDS Boxes? Is contractor required to fabricate 2 new foundations for 2 new EDS boxes?</p>	Every EDS box must be installed on a suitable foundation. Contractor must relocate and reuse the existing EDS foundations. Contractor must supply 2 additional foundations for the new EDS boxes.	2020-08-18
11	11.2 C.9.10 Electrical/Electronics	<p>The SOW states the Contractor must relocate the contents of the EDS entertainment system rack in the Ship's Office to the Control Lab, 01A37, on the 01 Level. EDS entertainment system to be relocated to the lowest shelf on the spare science rack. Contractor must remove the existing wiring and rewire in the new location. Contractor to dispose of the empty EDS entertainment system rack.</p> <p>Please provide cable details type &amp; length if we need to re-wire in new location.</p>	Documents/details to follow in another amendment.	2020-08-18
12	11.2 C.9.11 Electrical/Electronics	Is the Contractor supposed to run a new home run to the network rack assembly for new Ethernet LAN boxes? Provide location details for all Ethernet	Yes, Contractor must install new Ethernet cables from the location in the cabin drawings TO the server/sonar room. This would also apply to the EDS box Ethernet connections.	2020-08-18
13	11.2 C.9.13	The Contractor must supply and install all cabling required for the EDS boxes, ICS phones, ICS speakers, and Ethernet LAN drops.	All Ethernet cabling must be Bergen CAT6A or RO approved equivalent.	2020-08-18

	Electrical/Electronics	Please provide All cable types & lengths for all low voltage requirements	Documents/details to follow in another amendment.	
14	G1.2.4 List of GSM Material	This paragraph states that a GSM material List will be added as Appendix 1 to Annex A. Can a complete list of all GSM material please be provided?	Please see Appendix 1 to Annex A Government Supplied Materials found in Supplement – Revision 01	2020-08-18
15	G1.4.1.3 Contractor Amenities	Will CCG provide the contractor with a suitable laydown area near the vessel for a lunch room and washrooms?	Documents/details to follow in another amendment.	2020-08-18
16	G 1.4.12.3 CCG Mobile Crane and/or Forklift	Can the bidder assume all mobile crange and/or forklift requirements will be provided by CCG?	CCG will provide forklift services. Ship crane will be available for lifting equipment on and off to the main deck or 01 Level. Contractor is responsible for any other crange required.	2020-08-18
17	16.1 R/O Unit ABS Certification	<p>Regarding ABS Certification, there are 2 choices and we are not sure which one you will need. Systems are built to ABS standards, but the question is:</p> <p>What official document will you need?</p> <p>A) Certification: This is a 2 step process which involves design review by ABS engineering in Houston with a design review letter. This process could take upward of a month. Then there would be a survey with witness of a factory acceptance test in the supplier's facility.</p> <p>OR</p> <p>B) Pre-shipment Survey &amp; Witness of Factory Testing of the actual unit by an ABS examiner in the supplier's facility before shipment. This option should only add a few days time to the supplier's ship date.</p> <p>Note: It is most common to do option B as it has been our experience that ABS must sign off on the desalination unit as an installed unit.</p> <p>Please advise of either option A or B.</p>	<p>Contacted ABS for clarification. Option B is correct. It is a pre-shipment survey.</p> <p>Response from ABS: RO are units are unique and there are no specific ABS requirements for RO units in ABS Rules (unlike for example a diesel engine where there are specific certification requirement in the rules). Typically we provide a "Statement of Fact". Essentially we can observe what ever is needed, and report on same.</p>	2020-08-18
18	11.1	Will the vessel be turned and de-ballasted for adequate access to both the port and stbd side markings on the vessel?	Documents/details to follow in another amendment.	2020-08-18

	Change Load Line Markings			
				2020-08-18
19	11.2 C2.4 Joiner bulkhead panels	Can CCG confirm if all joiner bulkhead panels required to complete work will be supplied as GSM?	Yes. CCG has ordered the following quantities of bulkhead panels: <ul style="list-style-type: none"> <li>– 29EA, 50MM panels, colour both sides</li> <li>– 86EA, 25MM panels, colour one side</li> </ul>	2020-08-18
20	11.2 C2.5 Ceiling Panels	Can CCG confirm if all ceiling panels required to complete work will be supplied as GSM?	Yes. CCG has ordered the following quantities of overhead panels: <ul style="list-style-type: none"> <li>– 4 EA, 78-1/8" length</li> <li>– 7 EA, 92-5/8" length</li> <li>– 74 EA, 94-1/8" length</li> </ul>	2020-08-18
21	11.2 C2.5 Ceiling Panels	It has been noted that the as built ceiling panels are 275mm wide, however new ceiling panels being supplied are 200mm wide. Can CCG please provide details on how to integrate/configure the two different sized panels? Or assume new ceiling panels will match existing?	Documents/details to follow in another amendment.	2020-08-18
22	11.2 C.2.8 Exterior Windows	Will CCG remove lifeboat and RHIB from both the port and stbd sides of vessel prior to hot work activities?	Yes, CCG will remove lifeboat and RHIB prior to hot work activities.	2020-08-18
23	11.2 C2.10 Relocate Bathroom 02A26 to Stbd Side	As relocating existing bathrooms may be problematic, does CCG have an acceptable alternative?	Contractor to bid on the assumption that existing washrooms can be relocated. If not possible to relocate the washrooms the contractor must fabricate new washrooms. Fabrication of new washrooms to be by 1379 work arising procedure.	2020-08-18
24	11.2 C3.3 Fabricate new port side Bathroom	Can CCG please provide a list and details of all required bathroom fixtures?	Documents/details to follow in another amendment.	2020-08-18
25	11.2 C3.7 Furniture plinths	Can CCG please provide details for furniture plinths? E.g. type/size of material to be used and method of securing to deck, weld studs, stitch welded, fully welded plinths?	Furniture plinth construction and attachment details are at the discretion of the Contractor. Material used must meet the fire regulations. Plinths must be secured to the deck and to the furniture to prevent movement at sea.	2020-08-18

[illegible]


**B.      Comments**

Item	Reference	Comment	Date

**C.      Revisions to the Statement of Work document**

Item	Reference	Remove	Insert	Date
1	S2.0	N/A	See new section of SOW document entitled ‘Optional Relocation of Vessel’	2020-09-04

**ALL OTHER INSTRUCTIONS, TERMS AND CONDITIONS REMAIN UNCHANGED.**