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Gatineau, Québec K1A 0S5

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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**

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11 Laurier St. / 11, rue Laurier
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Gatineau, Québec K1A 0S5

Title - Sujet Dry docking of CCGS Samuel Risley	
Solicitation No. - N° de l'invitation F2599-165017/A	Amendment No. - N° modif. 002
Client Reference No. - N° de référence du client F2599-165017	Date 2016-05-16
GETS Reference No. - N° de référence de SEAG PW-\$\$MD-021-25830	
File No. - N° de dossier 021md.F2599-165017	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2016-05-27	Time Zone Fuseau horaire Eastern Daylight Saving Time EDT
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Byron, Dan	Buyer Id - Id de l'acheteur 021md
Telephone No. - N° de téléphone (819) 420-2898 ()	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

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021md F2599-165017

Buyer ID - Id de l'acheteur
021md
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Solicitation Amendment #2 is issued:

(1) Introduce two additional specifications into Annex A – Statement of Work

Add:

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32.0 Void Space Blasting and re-coating

32.1 Identification

The Coast Guard has a requirement to have the forward void space surface blasted, epoxy primed and sound attenuation coating applied. The contractor must retain an FSR from Mascoat to approve the application and final inspection of the coating. The contractor must supply all coatings and materials for this work. *Approximate Mascoat-dB required is 350 gal with 2 week lead time. (Amounts and delivery time to be confirmed by Mascoat FSR).

32.2 References

03-Mascoat Sound Control-dB Application Instructions pdf
13-Surface Preparation pdf
06-Epoxy Compatible List pdf
12-Record Sheet pdf
FWD Panoramic picture pdf
AFT Panoramic picture pdf

Factory Service Representative



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Drawings

Drawing Number	Description
CFN-161-300-1	General Arrangement
CFN-201-101	Tank Top and Flat Plan
CFN-161-201-100	Profile and Deck

Regulations

For the purposes of this work the void space shall be considered a confined space.

1. The Contractor shall supply a Marine Chemist's Certificate in accordance with TCMS TP 3177E before any cleaning, painting or hot work is commenced in confined spaces or machinery compartments.
2. Certificates shall clearly state the type of work permitted and shall be renewed as required by the regulations.
3. The Contractor and his sub-Contractors are advised that any work carried out in confined spaces as defined by the Canada Labour Code (CLC) and relevant provincial legislation must fully comply with all provisions therein.

The contractor must ventilate the space as per relevant regulations to assure air quality in the space and surrounding areas as the work is being carried out. Proper PPE must be worn as per the relevant federal and provincial

regulations and in accordance with manufacturer's recommendations. Void is accessible via hatchway in the FWD Stores.

32.3 Technical

The contractor shall surface blast the interior surface to remove the flaking previous coating and any loose rust from all internal surfaces of the void space. The space must be then thoroughly cleaned prior to application of epoxy primer.

Once a suitable surface preparation is achieved the contractor must coat all internal surfaces of the void space including bilge areas with a suitable epoxy primer approved by Mascoat as being a suitable for over coating with Mascoat Sound Control-dB. The epoxy primer must be applied via airless sprayer to a thickness of 3-5 mils and manufacturer's directions for recoat time must be followed.

Once the epoxy primer coat has cured the Mascoat Sound Control-dB can be applied first in a tack coat of 10 mil(.25mm) layer followed by 5 coats at 30mil(.75mm). The final thickness of the Mascoat-dB coating shall be 4mm. The Mascoat-dB coating shall only be applied to bulkheads from the deck level up and include the deckhead. This includes the aft spaces surrounding the chain lockers on the port and stbd sides. The approximate area if for the Mascoat-dB coating is 1800 sq. ft (167 sq. M).

The contractor shall confine all dust from blasting within the void space and must ensure that there is no dust contamination to any interior spaces onboard the vessel. Contractor is responsible for any cleanup of any affected spaces.

32.4 Proof of Performance

Inspections

32.4.1.1 Final approval and inspection of the coating to be done by Mascoat FSR.

32.5 Deliverables

Documentation (Reports/Drawings/Manuals)

32.5.1.1 3 copies of a completed Mascoat application report outlining the specific coatings used, number of coats and final thickness and drying times of Mascoat-dB coating shall be submitted to the TA.

33.0 Galley refit

33.1 Identification

The Coast Guard has a requirement to replace the Galley fixtures and clean up area including the Dish Washer, Garburator, sinks and counter area for cleanup. Included in this requirement is also the need to remove and blank off the Port side entry door to the galley and replacement of the flooring tile system.

33.2 References

Equipment Data

New Dish washer installation Manual

Garburator installation manual

Galley General Change Layout Drawing

Drawings

Drawing Number	Description
	General Arrangement
	Dex-O-Tex Colour Chart
	Main Deck & Boat Deck Joiner Bulkheads
CMS30-116-MI (1/2)	
CMS30-117-PL (1/2)	Deck Covering Plan
CMS30-117-MI (2/2)	Door Schedule
CMS30-119-AR (3/4)	Insulation Arrangement

33.3 Technical

General

The Contractor must electrically isolate and tag out all equipment that will be removed during the work process.

The Contractor must protect all appliances and cabinetry that is not being impacted by this specification. The Contractor is responsible to ensure there is no collateral damage to any galley equipment and must replace or repair at contractor expense any items damaged or broken.

The Contractor must isolate the potable water supply during the required work and also plug drains with suitable caps while working on the grey water system associated with this specification.

All piping and electrical installation must be of new material, free of defects and contractor supply. All drains must be suitably vented and sloped for proper drainage. All drains must also be installed with accessible clean outs. All potable water feed lines must be equipped with local shut offs and all piping must be arranged with unions, flanges, compression fittings or other serviceable fittings that allow for maintenance removal.

The old dishwasher is supplied 120 Volt control voltage from breaker M4-10B-38 located in the galley breaker panels. The Dishwasher is also supplied 240 volt power from breaker M11-3 located in the Control Room 240 volt MCC.

The new dishwasher shall be supplied with only 240 volt 3 phase power and will be supplied from the 240 volt MCC breaker only. The Contractor must remove the cable and disconnect from the 120 Volt control power. The knock out in the Galley panel must be sealed after the wire is removed with an approved cover.

The contractor must disconnect and remove the following items from the Galley:

1. Dish Washer

Straight-thru or corner, **(CORNER CONFIGURATION REQUIRED)**

Solid-state controls with digital status,

With booster heater,

Electric tank heat,

auto-fill,

Stainless steel tank,

Frame, doors & feet,

208-240/60/3, ENERGY STAR®

SEISMIC-FEET Seismic feet with holes (4 in box)

WELDDOWN-FEET Flanged feet for weld down (4 in box)

The Contractor must install the new dishwasher as per Manufacturer's instructions and ensure correct spacing from the corner to allow for proper operation.

The Contractor must complete all electrical and plumbing connections as per this specification requirement.

Sink counter install/fabrication

The Contractor must take profile dimensions from the new corner sink installation for the construction of a new counter top and cabinet arrangement.

All materials must be of food grade 316 stainless steel and suitable for use in a food preparation area.

The new counter top will be installed on either side of the dishwasher and sealed to the dish washer to prevent water damage as per dishwasher manufacturer's specifications.

Hobart Installation manual for the suggested dishwasher contains drawings suitable for the construction of the counter top edging profile required. The counter profile must allow for the passage of tray racks used in the dishwasher.

The counter must incorporate a new garburator bowl as per requirements of the garburators installation manual and similar to existing unit. The counter must incorporate 3 sink basins with faucet that is able to fill all three basins from a central location on the back splash.

The Sink basins must be plumbed to a common grey water drain and connected to the ships grey water system similar to existing arrangement.

The Garburator must be installed as per manufacturer's recommendations and all plumbing and electrical requirements accommodated in the new counter/cabinet design. The Grey water drain for the Garburator must be connected back into the original grey water drain system.

The counter and cabinet assembly must be enclosed at the base with access doors/drawers shelving and possible garbage can area (see sketch) for maintenance and storage.

Door Removal and blanking

The Contractor must remove the Port Galley entrance door and closure hardware. The Closure is powered for remote closing as this door is a fire door. The contractor must isolate, disconnect and pull back wires to the common junction of the other door closures in the galley. The Contractor shall be aware that the closure is common with the galley shutter door and this will drop violently when the power is cut off.

The contractor must safely terminate the connections for the door closures and ensure they remain in correct operating condition.

The contractor must cut away the door frame in order to install a flat plate of steel. The contractor must protect all local area from damage and follow all hot work procedures.

The Contractor must supply and install a new steel plate in way of the door entrance and weld this plate continuous on both sides to establish an A-60 rating. The plate must be the same thickness as the existing bulkhead.

The plate welds must be ground flush with the inside galley existing bulkhead. Following welding and grinding the bulkhead area must be coated with primer as per specification and top coated on both sides with fire retardant white (Coast Guard Supply).

The Contractor must supply and fit 2 new interior bulkhead panels of a same colour, dimension and fire rating to existing. The panels on board the Samuel Risley are no longer available for purchase. The Contractor must supply a sample for approval by the TA prior to purchase and install. The installed panels are roughly 600 mm wide x 2200 mm high and 70 mm thick. The Contractor must verify these dimensions.

33.4 Proof of Performance

Inspections

Following installation the Contractor must cycle test the installed counter and dishwasher in the presence of the TA. All leaks or other failures must be repaired by the Contractor.

Contractor shall arrange TCMS and TA inspection of final door replacement repair prior to paint and close-up. Any defects noted shall be repair at contractor's expense.

33.5 Deliverables

Documentation (Reports/Drawings/Manuals)

The Contractor must provide copies of all manuals that were provided with all new equipment installed in the Galley.

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End of Solicitation Amendment #2