

RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:
Bid Receiving - PWGSC / Réception des soumissions
- TPSGC
11 Laurier St. / 11, rue Laurier
Place du Portage , Phase III
Core 0A1 / Noyau 0A1
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

Title - Sujet DRY DOCKING OF CCGS SAMUEL RISLEY	
Solicitation No. - N° de l'invitation F2599-120018/A	Amendment No. - N° modif. 004
Client Reference No. - N° de référence du client F2599-120018	Date 2012-05-10
GETS Reference No. - N° de référence de SEAG PW-\$\$\$MD-018-22718	
File No. - N° de dossier 018md.F2599-120018	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2012-05-24	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: Vandal, Paul	Buyer Id - Id de l'acheteur 018md
Telephone No. - N° de téléphone (819) 956-0645 ()	FAX No. - N° de FAX (819) 956-0897
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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Revised Pricing Data Sheets - Annex G

Inserted Ref # 24.0 - Bow Thruster Keystone Valve Repair

Revision to Specification # 728.11, Rev.1, Date 2012-03-28

Inserted 24.0 - Bow Thruster Keystone Valve Repair

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ANNEX G - PRICING DATA SHEETS APPENDIX 1

Ref #	Spec. #	Description	Total Hours	Total Labour Cost	Total Material Cost	Total FSR& Sub-Contractors Cost	Total Firm Price	Unit Cost
2.0		SERVICES						
	2.1	General		\$	\$	\$	\$	
	2.6.5	Unit Rate/Kw.Hr for Consumption						\$
	2.11	Unit Rate/Hr for 20 ton Crane						\$
5.0		FIELD SERVICE REPRESENTATIVE REQUIREMENTS						
	5.1	WÄRTSILÄ INC. FSR		\$	\$	\$	\$	
	5.2	AMERCOAT FSR		\$	\$	\$	\$	
	5.3	DEX-O-TEX FSR		\$	\$	\$	\$	
6.0		DOCKING AND UNDOCKING						
	6.3	TECHNICAL		\$	\$	\$	\$	
	6.5	DELIVERABLES		\$	\$	\$	\$	
7.0		VESSEL HULL STRUCTURE CONDITION SURVEY						
	7.3	TECHNICAL		\$	\$	\$	\$	
	7.3.6	Unit Rate/Thickness Measurement						\$
	7.5	DELIVERABLES		\$	\$	\$	\$	
8.0		UNDERWATER HULL ULTRASONIC TESTING (SURVEY ITEM)						
	8.3	TECHNICAL						
	8.3.12	Underwater Hull Cleaning		\$	\$	\$	\$	
	8.3.13	Underwater Hull Inspection		\$	\$	\$	\$	
	8.3.14	Hull marking Renewals		\$	\$	\$	\$	
	8.3.15	Seams and Butts Welding		\$	\$	\$	\$	
	8.3.15.1	Unit Rate/Linear Meter for Gouging & Rewelding						\$
	8.3.16	Hull Coating Renewal Below the Ice Belt		\$	\$	\$	\$	
	8.3.17	Hull Coating Renewal Above the Ice Belt		\$	\$	\$	\$	
	8.3.18	Renewal of Thruster Symbols and Lettering		\$	\$	\$	\$	
	8.5	Deliverables		\$	\$	\$	\$	

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Ref #	Spec. #	Description	Total Hours	Total Labour Cost	Total Material Cost	Total FSR& Sub-Contractors Cost	Total Firm Price	Unit Cost
9.0		SEA CHESTS AND SEA BAY (SURVEY ITEM)						
	9.3	TECHNICAL		\$	\$	\$	\$	
	9.3.4	Unit Rate/Cubic Meter for Removal and Disposal of Solid Debris						\$
	9.3.8	Unit Rate/M2 for coating as per 9.3.8						\$
	9.3.9	Unit Rate/M2 for re-coated from bare metal						\$
	9.5	DELIVERABLES		\$	\$	\$	\$	
10.0		SEA VALVES (SURVEY ITEM)						
	10.3	TECHNICAL		\$	\$	\$	\$	
	10.3.5	Unit Rate/Hour for Machining						\$
	10.5	DELIVERABLES		\$	\$	\$	\$	
11.0		FUEL TANKS (SURVEY ITEM)						
	11.3	TECHNICAL		\$	\$	\$	\$	
	11.3.5	Unit Rate/Cu. Meter for Tank Cleaning						\$
	11.3.6	Unit Rate/Cu. Meter for Removing and Disposing of Sludge and Debris						\$
	11.5	DELIVERABLES		\$	\$	\$	\$	
12.0		BALLAST, SEWAGE AND VOID TANKS INSPECTION (SURVEY ITEM)						
	12.3	TECHNICAL		\$	\$	\$	\$	
	12.3.1	Unit Rate/Cu. Meter for Removing of Solid Debris						\$
	12.3.3	Unit Rate/Liter for Removing of Sewage and Sludge						\$
	12.3.7	Unit Rate/Cu. Meter for the Tank Cleaning						\$
	12.5	DELIVERABLES		\$	\$	\$	\$	
13.0		POTABLE WATER TANKS (SURVEY ITEM)						
	13.3	TECHNICAL		\$	\$	\$	\$	
	13.3.4	Unit Rate/M2 For Touch up and Repair						\$
	13.5	DELIVERABLES		\$	\$	\$	\$	
14.0		VOID SPACES (SURVEY ITEM)						
	14.3	TECHNICAL		\$	\$	\$	\$	
	14.5	DELIVERABLES		\$	\$	\$	\$	

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Ref #	Spec. #	Description	Total Hours	Total Labour Cost	Total Material Cost	Total FSR& Sub-Contractors Cost	Total Firm Price	Unit Cost
15.0		RUDDERS (SURVEY ITEM)						
	15.3	TECHNICAL						
	15.3.2	Sleeve and Bearing Replacement		\$	\$	\$	\$	
	15.3.2	Unit Rate/Hr for Certified Thordon Serv. Rep.						\$
	15.3.3	Rudders		\$	\$	\$	\$	
	15.3.4	Installation and Set to Work		\$	\$	\$	\$	
	15.3.4.1	Unit Rate/Fit for fit between rudder stock and tiller						\$
	15.5	DELIVERABLES		\$	\$	\$	\$	
16.0		PROPULSION TAILSHAFTS (SURVEY ITEM)						
	16.3	TECHNICAL						
	16.3.2	Stern Tube Seal Service		\$	\$	\$	\$	
	16.3.3	SKF Coupling		\$	\$	\$	\$	
	16.3.4	Tail Shaft Removal		\$	\$	\$	\$	
	16.3.5	Intermediate Shaft Bearing Inspections		\$	\$	\$	\$	
	16.5	DELIVERABLES		\$	\$	\$	\$	
17.0		CONTROLLABLE PITCH PROPELLER SYSTEM (SURVEY ITEM)						
	17.3	TECHNICAL						
	17.3.2	CPP Oil System		\$	\$	\$	\$	
	17.3.3	CPP Propeller Blades		\$	\$	\$	\$	
	17.3.4	CPP Propeller Hubs		\$	\$	\$	\$	
	17.4	PROOF OF PERFORMANCE		\$	\$	\$	\$	
	17.5	DELIVERABLES		\$	\$	\$	\$	
18.0		BOW THRUSTER OUTBOARD BEARING REPLACEMENT						
	18.3	TECHNICAL		\$	\$	\$	\$	
	18.5	DELIVERABLES		\$	\$	\$	\$	
19.0		HYDROSTATIC AND PNEUMATIC PRESSURE TEST PROCEDURES						
	19.3	TECHNICAL						
	19.3.2	Hydrostatic Testing		\$	\$	\$	\$	
	19.3.2.1	Unit Rate/Tank for Hydraustatic Testing						\$
	19.3.3.1	Unit Rate/Tank for Pneumatic Test						\$
	19.5	DELIVERABLES		\$	\$	\$	\$	

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Ref #	Spec. #	Description	Total Hours	Total Labour Cost	Total Material Cost	Total FSR& Sub-Contractors Cost	Total Firm Price	Unit Cost
20.0		STERN THRUSTER GEAR BOX OIL CHANGE						
	20.3	TECHNICAL		\$	\$	\$	\$	
	20.5	DELIVERABLES		\$	\$	\$	\$	
21.0		STAIR TOWER DECK REPAIR						
	21.3	TECHNICAL		\$	\$	\$	\$	
	21.3.2	Equipment and Material Removals		\$	\$	\$	\$	
	21.3.3	Repairs		\$	\$	\$	\$	
	21.3.4	Bulkhead Support		\$	\$	\$	\$	
	21.3.5	Deck Plate Fire Insulation and Flooring Material Installation		\$	\$	\$	\$	
	21.5	DELIVERABLES		\$	\$	\$	\$	
22.0		DOCK TRIALS AND SEA TRIALS						
	22.3	TECHNICAL		\$	\$	\$	\$	
	22.3.1	Dock Trials		\$	\$	\$	\$	
	22.3.2	Sea Trials		\$	\$	\$	\$	
	22.5	DELIVERABLES		\$	\$	\$	\$	
24.0		BOW THRUSTER KEYSTONE VALVE REPAIR						
	24.3	TECHNICAL		\$	\$	\$	\$	
	24.5	DELIVERABLES		\$	\$	\$	\$	
		TOTAL		\$	\$	\$	\$	

24.0 BOW THRUSTER KEYSTONE VALVE REPAIR

24.1. Identification

The bow thruster fitted to the Samuel Risley uses two large 1067mm (42 inch) Keystone Butterfly valves to control flow direction. These valves require the replacement of seals and bushings in both port and starboard valves.

24.2. References

24.2.1. Equipment Data

24.2.2. Drawings

Number	Description	Location
	F105 Brochure 83-F105-E	Keystone Valves.PDF
	F105 INSTALLATION AND MAINTENANCE INSTRUCTIONS	

24.1. Technical

24.1.1. The Contractor shall perform this work in conjunction with the requirements of Section 18.0 Bow Thruster Outboard Bearing Replacement.

24.1.2. The Contractor shall mark and record all mechanical and electrical settings for the valve connections and limit switches.

24.1.3. The Contractor shall remove and replace on both port and starboard Keystone F105 valves the parts as indicated on Drawing 105 S 104:

- No. 4 Upper Packing;
- No. 5 Upper Bushing;
- No. 9 Lower Bushing;
- No. 10 Lower Packing.

The replacement parts will be Coast Guard supplied.

24.1.1. The Contractor shall reference the documentation listed in Section 24.2 and Section 18.2 for the correct procedures involved in changing the parts required.

24.1.2. The Contractor shall inspect and measure part No. 12 Thrust Plate for wear. The Coast Guard will supply a new No. 12 Thrust Plate for comparison. After inspection and measurement of the part the Contractor shall inform the TA. Should it be required, the Contractor shall install a new No. 12 Thrust plate as provided by the Canadian Coast Guard.

24.1.3. The Contractor shall re-connect the valve connections and limit switches in their original marked positions.

24.2.Proof of Performance

- 24.2.1.The Contractor shall have in place a witness to observe the repairs to the bow thruster Keystone valves during the flooding of the dry dock following the completion of the requirements of Section 24.00.
- 24.2.2.The Contractor shall prepare an Inspections Tests and Trials Plan and perform the inspections, tests and trials during the work of this section and during the Dock and Sea Trials required in Section 22.0
- 24.2.3.The Contractor shall afford TCMS and the TA the opportunity to inspect and observe the work of Section 24.0 in progress and to witness the tests and to observe the operation of the Keystone valves during the trials and testing as outlined in Section 22.0
- 24.2.4.The Contractor shall take corrective action where valve seals are found to be leaking during the warranty period of the contract.

24.3.Deliverables

- 24.3.1.The Contractor shall provide a report of the findings, work and final condition of the work of Section 24.0 in accordance with the Inspection, Test and Trials Plan.
- 24.3.2.The Report shall include The Contractor shall provide a list of all parts used during the valve repair and the comparison measurements with respect to the thrust plate.