

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 0B2 / Noyau 0B2
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 CCGS HENRY LARSEN-VLE DRYDOCK REFIT	
Solicitation No. - N° de l'invitation F7049-140431/A	Amendment No. - N° modif. 001
Client Reference No. - N° de référence du client F7049-140431	Date 2015-04-24
GETS Reference No. - N° de référence de SEAG PW-\$\$MD-027-25097	
File No. - N° de dossier 027md.F7049-140431	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2015-05-29	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: Haydock(MDDIV), Mark	Buyer Id - Id de l'acheteur 027md
Telephone No. - N° de téléphone (819) 956-0645 ()	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

Solicitation No. - N° de l'invitation

F7049-140431/A

Client Ref. No. - N° de réf. du client

F7049-140431

Amd. No. - N° de la modif.

001

File No. - N° du dossier

027mdF7049-140431

Buyer ID - Id de l'acheteur

027md

CCC No./N° CCC - FMS No/ N° VME

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INTENTIONALLY
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Solicitation Amendment # 1

1. At ANNEX H - APPENDIX 1 PRICING DATA SHEETS - Table: Company Name

Delete: In its entirety

Replace With:

Table 1:

COMPANY NAME:	
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Item	Spec. #	Description	Total Hours	Total Labour Cost	Total Material Cost	Total FSR & Sub-Cont'rs Cost	Unit Cost	Total Firm Price
1	1.1 - 1.3	Intro/General/Scope	hrs	\$	\$	\$		
	1.4	Technical Data Package	hrs	\$	\$	\$		
	1.5	Office and Progress Meetings	hrs	\$	\$	\$		
	1.6	Facilities	hrs	\$	\$	\$		
	1.7	Storage Space	hrs	\$	\$	\$		
	1.8	Fess and Costs	hrs	\$	\$	\$		
	1.9- 1.12	Q/A-Spare Parts	hrs	\$	\$	\$		
	1.13	Project Management	hrs	\$	\$	\$		
	1-1.13	Total Spec 1 Requirement	hrs	\$	\$	\$		\$
2	2.1-2.9	General Technical						\$
3	3.0- 3.10	Mechanical						\$
4	4.0- 4.14	Electrical and Electronic						\$
5	5.0-5.5	Electro-Magnetic Interference						\$
6	6.1	Drawings	hrs	\$	\$	\$		
	6.2	Manuals and Records	hrs	\$	\$	\$		

	6.0 - 6.2	Total Spec 6 Requirement	hrs	\$	\$	\$		\$
7	7-7.3	Test, Dock Trials	hrs	\$	\$	\$		\$
8	8.1	Berthing and Mooring	hrs	\$	\$	\$		
	8.2	Services	hrs	\$	\$	\$		
		Potable water	hrs	\$	\$	\$	\$ /m3	
		Non-Potable Water	hrs	\$	\$	\$	\$ /m3	
		Sewage Connection	hrs	\$	\$	\$		
		Garbage renewal	hrs	\$	\$	\$		
		Oily Bilge Water	hrs	\$	\$	\$	\$ /liter	
		Protective Floor Covering (5615 sq ft)	hrs	\$	\$	\$	\$ /m2	
		Crane(20 ton)	300. hrs	\$	\$	\$		
		Electrical Shore Power 8,000.00kw/hr x _____ days	hrs	\$	\$	\$	\$ kw/h	
	8.3	Docking	hrs	\$	\$	\$		
	8.4	Undocking	hrs	\$	\$	\$		
	8.5	Vessel Security	hrs	\$	\$	\$		
	8.0 - 8.5	Total Spec 8 Requirement	hrs	\$	\$	\$		\$
9	16.0 - 16.5	Asbestos Removal and Re-Insulation	hrs	\$	\$	\$		\$
10	27	Internal Lighting removal						
	27.3.2	4 foot bulbs					\$ /bulb	
	27.3.2	2 foot bulbs					\$ /bulb	
	27.0- 27.5	Total Spec 27 Requirement	hrs					
11	12.0 - 12.4	Discharge Sea bay Repair	hrs					

12	14	ICCP System Renewal						
	14.3.1	FSR				\$		
	14.3.2	ICCP Anodes (4)	hrs	\$	\$	\$	\$ /anode	
	14.3.2	Reference Electrodes (2)	hrs	\$	\$	\$		
	14.3.5	ICCP control panel	hrs	\$	\$	\$		
	14.3.7	Shaft Grounding gears(2)	hrs	\$	\$	\$		
	14.3.1 1	Zinc Anodes (20)	hrs	\$	\$	\$	\$ / anode	
	14.0- 14.5	Total Spec 14 Requirement	hrs	\$	\$	\$		\$
13	20	Pipework Anti- Fouling System Renewal						
	20.3.1	FSR	hrs			\$		
	20.3.2	Cable (300m)					\$ /m	
	20.3.3	Anodes (20)					\$ /Anode	
	20.3.6	20w MGPS panel	hrs	\$	\$	\$		
	20.0- 20.5	Total Spec 20 Requirement	hrs	\$	\$	\$		\$
14	13.0- 13.5	Bubbler Piping Renewal	hrs	\$	\$	\$		\$
15	15	Hull Coatings						
	15.3.8	Blast bare steel					\$ / m2	
	15.3.1 8	Painting					\$ /m2	
	15.0- 15.5	Total Spec 15 Requirement	hrs	\$	\$	\$		\$
16	34	Intering System Tank Coating						
	34.3.6	Blasting					\$/ m2	
	34.3.6	Coating					\$/ m2	
	34.3.7	Fwd Stability Tank		\$	\$	\$		

			hrs					
	34.3.8	Aft Stability Tank	hrs	\$	\$	\$		
	34.3.9	Fwd Heeling Tank	hrs	\$	\$	\$		
	34.3.10	Aft heeling Tank	hrs	\$	\$	\$		
	34.0-34.5	Total Spec 34 Requirement	hrs	\$	\$	\$		\$
17	36	Void Space Coatings						
	36.3.6	Blasting					\$/m2	
	36.3.6	Coating					\$/m2	
	36.3.7	#4 Void port and stbd	hrs	\$	\$	\$		
	36.3.8	#3 Void port and stbd	hrs	\$	\$	\$		
	36.3.9	#2 Void port and stbd	hrs	\$	\$	\$		
	36.3.10	#1 Void port and stbd	hrs	\$	\$	\$		
	36.3.11	Fwd Cofferdam	hrs	\$	\$	\$		
	36.3.12	Aft Cofferdam	hrs	\$	\$	\$		
	36.3.13	Pipe Tunnel	hrs	\$	\$	\$		
	36.0 - 36.5	Total Spec 36 requirement	hrs	\$	\$	\$		\$
18	28.0 - 28.5	Helicopter Hanger Refurbishment	hrs	\$	\$	\$40,000.00		\$
19	29	Helicopter Workshop Steel repair						
	29.3.11 a	Dex O Tex Amerlock 2 Epoxy			\$			
	29.3.11 b	Dex O Tex Decklite A60 Fire rated underlayment			\$			
	29.3.11 c	Dex O Tex VLW Epoxy Underlayment top coat			\$			
	29.0 - 29.5	Total Spec 29 Requirement	hrs	\$	\$	\$		\$

20	30	Flight Deck Steelwork Repair	hrs					
21	19	Alarm, Monitoring, Pwr Management & ME Safety Systems						
	19.5.2	Spares			\$			
	19.0 - 19.5	Total Spec 19 Requirement	hrs	\$	\$	\$		\$
22	24	Internal Communication System						
	24.3.1 5	FSR				\$		
	24.3.4 0	unit cost for Rotex frame, modules & wedge					\$ /Rotex kit	
	24.3.4 1	Optic Fiber Cable					\$ /10m	
	24.3.4 2	Cat 5e cable					\$ /10m	
	24.3.4 8	Stainless steel clips					\$ /steel clip	
	24.3.5 5	10/4 AWG Marine cable					\$ /10m	
	24.3.5 6	12/3AWG Marine cable					\$ /10m	
	24.3.6 0	14/3 AWG Marine cable					\$ /10m	
	24.0 - 24.5	Total Spec 24 Requirement	hrs	\$	\$	\$		\$
23	9.0 - 9.5	Docking Plugs	hrs	\$	\$	\$		\$
24	10.0 10.5	Hull Butts & Seams	hrs	\$	\$	\$		\$
25	11	Sea Bay, Sea Chest & Cofferdam						
	11.3.9	Steel Screws					\$ /screw	
	11.0 - 11.5	Total Spec 11 Requirement	hrs	\$	\$	\$	\$	\$
26	78	Anchors and Chains						
	78.3.5	Repair slack studs		\$	\$	\$	\$	

			hrs					
	78.3.5	Stud repair					\$ /stud	
	78.0 - 78.5	Total Spec 78 Requirement	hrs	\$	\$	\$		\$
27	72	Starboard Shaft Survey						
	72.3.1 2	FSR				10,000.00		
	72.0 - 72.5	Total spec 72	hrs	\$	\$	\$		\$
28	73	Starboard Stern Seal						
	73.3.1	FSR				\$		
	73.0 - 73.5	Total Spec 73 Requirement	hrs	\$	\$	\$	\$	\$
29	74.0 - 74.5	Tailshaft Weardown	hrs					
30	35	Ballast Tank Coatings						
	35.3.6	Sand blasting					\$ /m2	
	35.3.6	Coating					\$ /m2	
	35.3.9	Blast Cleaning Forepeak Tank	hrs	\$	\$	\$		\$
	35.3.1 0	Blast Cleaning Forepeak Tank	hrs	\$	\$	\$		\$
	35.3.1 2	Blast Cleaning Forward Trim Tank	hrs	\$	\$	\$		\$
	35.3.1 4	Blast Cleaning Aft Trim Tank	hrs	\$	\$	\$		\$
	35.3.1 6	Blast Cleaning Aft Peak Tank	hrs	\$	\$	\$		\$
	35.0 - 35.5	Total Spec 35 Requirement	hrs	\$	\$	\$		\$
31	37.0 - 37.5	Chain Locker Coatings	hrs	\$	\$	\$		\$
32	60.0 - 60.5	Relief Valve Certification	hrs	\$	\$	\$		\$
33	70.0 - 70.5	Megger Testing	hrs	\$	\$	\$		\$

34	75.0 - 75.5	Thermal Scan	hrs	\$	\$	\$		\$
35	59.0 - 59.5	Liferaft Servicing	hrs	\$	\$	\$		\$
36	71.0 - 71.5	Portable Fire Extinguishers	hrs	\$	\$	\$		\$
37	61	FM200 and CO2 systems						
	61.1.3	FSR				\$		
	61.0 - 61.5	Total Spec 61 Requirement	hrs	\$	\$	\$		\$
38	62.0 - 62.5	Fire detection Systems	hrs	\$	\$	\$		\$
39	67.0 - 67.5	Helicopter Fuel System Servicing	hrs	\$	\$	\$		\$
40	38	Potable Water Tanks						
	38.3.3	Water removal					\$ /m3	
	38.3.9	Power tool cleaning					\$ /m2	
	38.0 - 38.5	Total Spec 38 requirement	hrs	\$	\$	\$		\$
41	66.0 - 66.5	Galley Rangehood and Exhaust Trunk Cleaning	hrs	\$	\$	\$		\$
42	77.0 - 77.5	Accommodation Laundry dryer Exhaust Duct Cleaning	hrs	\$	\$	\$		\$
43	76.0 - 76.5	Accommodation Duct Cleaning	hrs	\$	\$	\$		\$
44	69.0 - 69.5	MCR Flooring repairs	hrs	\$	\$	\$		\$
45	65	FPE Vacuum Contactors						
	65.3.1	FSR				\$		
	65.0 - 65.5	FPE Vacuum Contactors	hrs	\$	\$	\$		\$
	65.0 - 65.5	Total Spec 65 Requirement	hrs	\$	\$	\$		\$
46	52	Speed Log renewal						
	52.3.1 3	Supply and Install of cable					\$ /m3	

	52.4.2.1	FSR				\$		
	52.0-52.5	Total Spec 52 Requirement		\$	\$	\$	\$	\$
47	53	CCTV Installation						
	53.3.1.1	Bosch MIC Cable					\$ /m	
	53.3.1.1	Cat5e cables					\$ /m	
	53.3.1.1	RG- 06 Cable					\$ /m	
	53.0 - 53.5	Total Spec 53 Requirement	hrs					
48	56	Master Clock						
	56.3.7	Cable Removal					\$ /m	
	56.3.1.4	Supply /Install Cable Cat 5e					\$ /m	
	56.0 - 56.5	Total Spec 56 Requirement	hrs	\$	\$	\$	\$	\$
49	17	General Piping System replacement						
	17.3.3.3	Fire main System: A one (1) metre section of straight Victaulic pipe					\$ /unit	
	17.3.3.3	Fire main System: A one (1) metre section of straight welded pipe including flanges					\$ /unit	
	17.3.3.3	Fire main System: One (1) Victaulic T-Piece 125 mm OD					\$ /unit	
	17.3.3.3	Fire main System: One (1) Victaulic 90 degree 125 mm OD					\$ /unit	
	17.3.4.4	Fire main System: A one (1) metre section of straight Victaulic pipe					\$ /unit	
	17.3.4.4	A one (1) metre section of straight welded pipe including flanges					\$ /unit	
	17.3.4.4	One (1) Victaulic T-Piece 125 mm OD					\$ /unit	

	17.3.4.4	One (1) Victaulic 90 degree 125 mm OD					\$ /unit	
	17.3.5.4	Black Water System: A one (1) metre section of straight Victaulic pipe					\$ /unit	
	17.3.5.4	Black Water System: A one (1) metre section of straight welded pipe including flanges					\$ /unit	
	17.3.5.4	Black Water System: One (1) Victaulic T-Piece 125 mm OD					\$ /unit	
	17.3.5.4	Black Water System: One (1) Victaulic 90 degree 125 mm OD					\$ /unit	
	17.3.6.3	Grey Water System: A one (1) metre section of straight Victaulic pipe					\$ /unit	
	17.3.6.3	Grey Water System: A one (1) metre section of straight welded pipe including flanges					\$ /unit	
	17.3.6.3	Grey Water System: One (1) Victaulic T-Piece 125 mm OD					\$ /unit	
	17.3.6.3	Grey Water System: One (1) Victaulic 90 degree 125 mm OD					\$ /unit	
	17.3.7.8	Vents and Sounding System: A one (1) metre section of straight Victaulic pipe					\$ /unit	
	17.3.7.8	Vents and Sounding System:A one (1) metre section of straight welded pipe including flanges					\$ /unit	
	17.3.7.8	Vents and Sounding System:One (1) Victaulic T-Piece 125 mm OD					\$ /unit	
	17.3.7.8	Vents and Sounding System:One (1) Victaulic 90 degree 125 mm OD					\$ /unit	
	17.0 - 17.6	Total Spec 17 Requirement	hrs	\$	\$	\$		\$
50	18.0 - 18.5	Grey Water Deck Drains and Anti-Syphonic Valves	hrs					

51	43.0 - 43.5	Shower stall renewals	hrs					
52	47.0 - 47.5	Galley Equipment Renewal	hrs					
53	48.0 - 48.5	Temporary Access to Galley	hrs					
54	49	Galley Equipment Renewal						
	49.3.2	Galley Equipment			\$			
	49.3.1 4	Stainless Steel cover sections	hrs	\$	\$	\$		
	49.0 - 49.5	Total Spec 49 Requirement	hrs	\$	\$	\$		\$
55	50.0 - 50.5	Galley Deckhead Panel Renewal	hrs					
56	21	Intering System renewal						
	21.3.1	FSR	hrs			\$35,000 .00		
	21.0 - 21.5	Total Spec 21 Requirement	hrs	\$	\$	\$		\$
57	22	Steering Gear Control						
	22.1.1	FSR	hrs			\$		
	22.0 - 22.5	Total Spec 22 Requirement	hrs	\$	\$	\$		\$
58	68	Inverter replacement						
	68.3	FSR	hrs			\$		
	68.0 - 68.5	Total Spec 68 Requirement	hrs	\$	\$	\$		\$
59	79	Battery Charger replacements						
	79.3	FSR	hrs			\$		
	79.0 - 79.5	Total Spec 79 Requirement	hrs	\$	\$	\$		
60	44	P & S Searchlight						
	44.3.1 5	600/220 Volt, single phase enclosed transformer			\$			
	44.0 - 44.5	Total Spec 44 Requirement	hrs	\$	\$	\$		\$

61	45.0 - 45.5	Aft Searchlight Replacement	hrs	\$	\$	\$		\$
62	46	Centre Searchlight Renewal						
	46.5.3.1	FSR	hrs			\$		
	46.0 - 46.5	Total Spec 46 Requirement	hrs	\$	\$	\$		\$
63	32	Exhaust Repair Uptakes						
	32.3.8	Insulation Repairs					\$ /m2	
	32.0 - 32.5	Total Spec 32 requirement	hrs	\$	\$	\$		\$
64	42.0 - 42.5	Escape Hatches	hrs	\$	\$	\$		\$
65	33.0 - 33.5	Exterior Doors	hrs	\$	\$	\$		\$
66	25.0 - 25.5	Sidelight Replacement	hrs	\$	\$	\$		\$
67	63.0 - 63.5	Navigation Lights	hrs	\$	\$	\$		\$
68	39	Mast Coatings						
	39.3.4	Ultra High Pressure Blasting					\$ /m2	
	39.3.4	Grit Blasting					\$ /m2	
	39.3.4	Power Tooling					\$ /m2	
	39.3.8	Forward Mast: Amerlock 400 Grey					\$ /m2	
	39.3.10	Forward Mast: Amerlock400 Yellow					\$ /m2	
	39.3.12	Forward Mast: Matchless 732 Dorry Buff					\$ /m2	
	39.3.24	Aft Mast: Amerlock 400 Grey					\$ /m2	
	39.3.24	Aft Mast: Amerlock 400 Black					\$ /m2	
	39.3.24	Aft Mast: Amerlock400 Yellow					\$ /m2	
	39.3.24	AftMast: Matchless 32 Dorry Buff					\$ /m2	

	39.00 - 39.5	Total Spec 39 Requirement	hrs	\$	\$	\$		\$
69	80	Main Deck Covering Renewals						
	80.3.10	Repair Dex-O-Tex					\$ /m2	
	80.3.10	Repair Decklite					\$ /m2	
	80.5.2	Spares			\$			
	80.0 - 80.5	Total Spec 80 Requirement	hrs	\$	\$	\$		\$
70	81	Deck Covering Renewals: Upper and Boat Deck						
	81.3.9	Repair Dex-O-Tex					\$ /m2	
	81.3.9	Repair Decklite					\$ /m2	
	81.5.2	Spares			\$			
	81.0 - 81.5	Total Spec 81 Requirement	hrs	\$	\$	\$		\$
71	82	Deck Covering Renewals: Bridge and Officers Deck						
	82.3.9	Repair Dex-O-Tex					\$ /m2	
	82.3.9	Repair Decklite					\$ /m2	
	82.5.2	Spares			\$			
	82.0 - 82.5	Total Spec 82 Requirement	hrs	\$	\$	\$		\$
72	40	Superstructure Coatings						
	40.3.5	High Pressure Blasting					\$ /m2	
	40.3.5	Grit Blasting					\$ /m2	
	40.3.7	Amerlock 400					\$ /m2	
	40.3.7	Matchless 700 White					\$ /m2	
	40.0 - 40.5	Total Spec 40 Requirement	hrs	\$	\$	\$		\$
73	41	Boat Deck Coatings						
	41.3.4	Ultra High Pressure Blasting					\$ /m2	

	41.3.4	Grit Blasting					\$ /m2	
	41.3.6	Amerlock 400 White					\$ /m2	
	41.3.6	Amerlock 400 grey					\$ /m2	
	41.0 - 41.5	Total Spec 41 Requirement	hrs	\$	\$	\$		\$
74	31	Helicopter Deck Lights						
	31.3.1.13	FSR	hrs			\$		
	31.5.2	Spares			\$			
	31.0 - 31.5	Total Spec 31 Requirement	hrs	\$	\$	\$		\$
75	64	Foredeck Coating Removal						
	64.3.4	Ultra High Pressure Blasting					\$ /m2	
	64.3.4	Grit Blasting					\$ /m2	
	64.3.6	Amerlock 400 Grey					\$ /m2	
	64.3.6	Matchless 700 White					\$ /m2	
	64.3.6	Matchless 708 Black					\$ /m2	
	64.3.7	Amerlock 400 Black					\$ /m2	
	64.3.7	Amerlock 400 Grey					\$ /m2	
	64.3.8	Amerlock 400 White					\$ /m2	
	64.0 - 64.5	Total Spec 64 Requirement	hrs	\$	\$	\$		\$
76	26.0 - 26.5	Dead Ship Air Compressor	hrs					\$
77	23.0 - 23.5	Foc'sle Bulwork Repair	hrs	\$	\$	\$		\$
78	55	Sat B Replacement						
	55.3.9	Supply and install LMR 400 Cable					\$ /10m	
	55.3	Supply and install Marine AC Cable					\$ /10m	

	55.3.1 4	Supply and install Ecoflex 15 plus low loss cable					\$ /10m	
	55.3.1 6	Supply and install 1300SB ABS approved cable					\$ /10m	
	55.0 - 55.5	Total Spec 55 Requirement	hrs	\$	\$	\$		\$
79	57	IMIC3 Installation	hrs	\$	\$	\$		\$
80	58	Dual GPS/DGPS Installation						
	58.3.1 2	Supply and install Belden 9328 Cable					\$ /10m	
	58.3.1 2	Supply and install Belden 9314 Cable					\$ /10m	
	58.3.1 2	Supply and install 3C 14 AWG AC cable					\$ /10m	
	58.3.1 2	Supply and install LMR-240cable					\$ /10m	
	58.0 - 58.5	Total Spec 58 Requirement	hrs	\$	\$	\$		\$
81	51	VHF FM Renewal						
	51.3.5	LRS approved Glands					\$ /unit	
	51.3	Removal and Disposal of RG 214 antenna Cable					\$ /m	
	51.3.1 4	Removal and Disposal of RG 213 cable					\$ /m	
	51.3.1 2	Supply and install LMR 400 UF-FR coax cable					\$ /m	
	51.3.1 3	Supply and install 22awg cable						
	51.0 - 51.5	Total Spec 51 Requirement	hrs	\$	\$	\$		\$
82	54.0 - 54.5	Navtex Installation	hrs					