

**Bidders Conference
CCGS Sir William Alexander
Dry Docking 2015**

12 May 2015

OLZ--5-38031

The Bidders Conference was convened at Public Works and Government Services Canada, 10th floor boardroom, St John's, NL on February 25, 2015 commencing at 1:30 with the following officials in attendance:

<i>Name</i>	<i>Rank or Position</i>	<i>Representing</i>
Art Rice	Contracting Authority	PWGSC
Andrew Milne	Chief Engineer	CCG SWA
Martin Athins	Chief Engineer	CCG SWA
Dan Chipman	Senior VMM	Marine Engineering
Michel Champagne	Commaning Officer	Ccg SWA
Tom Hildebrandt	Engineering Cadet	CCG SWA
Randy Brushett	Senior Engineer	CCGS SWA
Kenny Macdonald	Chief Officer	CCGS SWA
Darryl Laundry	Production Manager	CCGS Marine Engineering
David Shay	Director Estimating	Davies
George Penney	Contracts Manager	NewDock
Mark Roebathan	Contracts / Estimating	NewDock
Glen Thompson	Project Officer (VLE)	CCG

Invitation to Tender

The refit dates do not include transit.

The closing date for the ITT has been extended to June 1st, 2015

Vessel transfer cost, to be included with Bid Price

Shipyard	Vessel Transfer Cost
St. John's Dockyard	\$30,922.00
Verrault Navigation Inc.	\$30,640.00
Davie Industries Inc.	\$41,295.00
Port Weller Drydocks	\$69,236.00
Shelburne Marine	\$6,545.00
Theriault & Sons	\$10,890.00
Halifax Shipyard Ltd	\$0.00
Kiewit Offshore Services	\$23,022.00

GENERAL NOTES

All references to PWGSC inspector is to be removed.

#18 Contractors are to be aware of CFM as they relate to each spec item

HD-1 DRY DOCKING

1.7 This section is to be removed. However, any intention to dock with another ship shall be disclosed to CCG.

HD-2 STERN TUBE BEARING WEAR DOWN

No issues

HD-3 HULL Welding INSPECTION AND REPAIRS

No issues

HD-4 RUDDER & RUDDER STOCK STEADY BEARING (SURVEY)

Revision: The intent of this specification item is for Contractor to renew, measure and record rudder stock steady bearing clearances. **New Steady bearing shall be GSM.**

Note: The Steady bearing is a split bearing, bronze sleeve doesn't have to be removed. ~~Steady bearing bushing cannot be changed unless the bronze sleeve is removed; the bronze sleeve is a larger outside diameter than steady bearing bore.~~ Work shall be performed in conjunction with E-4 Steering Gear VLE Upgrade / Renewal (Survey).

4.19 Contractor shall include an allowance of \$5,000 to cover the travel and living expenses of a Wagner Steering Gear FSR

HD-5 WATER BALLAST TANKS (SURVEY)

No issues

HD-5A WATER Ballast WING TANKS HEATING COILS

No issues

HD-6 VOID TANKS (SURVEY)

6.8 Materials are to be contractor supplied.

Vent heads requiring removal for testing shall be reinstalled in good order with new gaskets upon completion of all work. Vent heads (WinTab Vents) shall be replaced using stainless steel bolts, washers and insulated sleeves (nylon bushings).

HD-7 FUEL TANK (SURVEY)

HD-7.3 – H-7.9 Change two references to lent – change to lint

HD-8 SEACHESTS AND SEABAYS SEACHESTS (SURVEY)

No issues

HD-8A SEABAY & SEACHEST VENT RENEWALS

No issues

HD-8B SEABAY SEACHEST PIPING RENEWALS

No issues

HD-9 RENEWAL OF ANODES IN SEACHESTS

No issues

HD-10 HULL CATHODIC PROTECTION ANODES

- First Paragraph in the spec;

The intent of this specification item is to carry out an inspection on the hull impressed current cathodic protection anodes ~~and to renew any defective anodes.~~

- Last paragraph for HD-10.3

Contractor, FSR and CGTA shall inspect the two (2) JT-091248A-5 Zinc "Polo" reference electrodes. ~~These reference anodes shall be renewed only if required.~~

- Remove the spec item HD-10.10

HD-11 BOWTHRUSTER OIL CHANGE

11.4 Contractor shall supply and install the three (3) ~~GSM~~ **CFM 20 lb. CFM** zinc anodes in the Bow Thruster Tunnel.

HD-12 SEA VALVE Connections (SURVEY)

No issues

HD-12A SEA VALVE SPOOL PIPES

12a.1 all are 12 Inch

HD-13 OVERBOARD DISCHARGE VALVES (SURVEY)

No issues

HD-14 HULL CLEANING AND PAINTING (VLE)

This spec has been revised... Revision included with Bidders conference minutes.

HD-15 PROPELLER AND TAILSHAFT (SURVEY)

No issues

HD-16 STERN TUBE SEALS

No issues

HD-17 ANCHORS, CHAINS AND CHAIN LOCKERS (SURVEY)

No issues

HD-18 CENTRAL COOLING SALT WATER CROSS OVER UNE (SURVEY)- VLE ITEM

No issues

HD-19 PORTHOLE TUBE RENEWAL

19.13 Note: the referenced seals are GSM

H-1 PRODUCTION CHART

All additional / unknown work is to be included on weekly schedules.

H-2 SERVICES

No issues

H-2A Berthing

No issues

H-3 VENTILATION DUCT CLEANING

Additional ventilation added ... Included with spec.

H-4 SP BARGE DAVIT (ANNUAL Inspection)

No issues

H-5 Lifeboat AND lifeboat DAVIT REPAIRS (SURVEY)

5.18 Contract shall use same paint as outlined in H-14

Include 24 hrs for any repairs

5.19 Include 24 hrs for any repairs

5.32 Please remove the reference to 10 micron rating and replace with absolute 5 micron.

H-6 MIRANDA DAVIT (ANNUAL Inspection)

No issues

H-7 FRESH WATER TANK CLEANING (SURVEY)

7.9 lint should be replaced with lint

H-8 MANHOLE COVER STUD RENEWAL

No issues

H-9 FIXED FIRE SUPPRESSION SYSTEMS (SURVEY)

No issues

H-10 FM-200 FIXED FIRE SUPPRESSION SYSTEMS (SURVEY)

No issues

H-11 PORTABLE FIRE EXTINGUISHERS

No issues

H-12 FIRE Detection SYSTEM

No issues

H-13 FOAM FIRE SUPPRESSION SYSTEMS (SURVEY)

No issues

H-14 ABOVE Waterline PAINTING (SUPERSTRUCTURE) VLE

14.14 The supplier is aware of the outlined decals

H-15 BRIDGE CLEAR-VIEW WINDOW RENEWAL & REPAIRS

No issues

H-16 BRIDGE WINDOW REPAIRS

No issues

H-17 MACHINERY/ACCOMMODATION SPACE VENT SCREENS &. DOOR REPAIRS

No issues

E-1 ANCHOR WINDLASS (SURVEY)

No issues

E-1A ANCHOR WINDLASS POWER PACK PUMP OVERHAUL

E-1A.3 The element is to be included within the allowance

E-2 MAIN STEAM Line TESTING &. ISOLATION VALVE OVERHAUL (SURVEY)

No issues

E-3 FORWARD MOORING WINCH OVERHAUL

No issues

E-3A PORT AND STARBOARD MOORING WINCH POWER PACK PUMP OVERHAUL

E-3A.3 The element is to be included within the allowance

E-4 Steering GEAR VLE UPGRADE/RENEWAL (SURVEY)

4.3 add \$25,000.00 allowance to cover the travel and living for FSR

E-5 INCINERATOR RENEWAL AND SLUDGE TANK INSTALLATION

5.1 add \$20,000.00 allowance to cover the travel and living for FSR

Appendix A was provided at the Bidders conference

E-6 PORT AND STARBOARD BOILER CONTROLS RENEWAL

6.1 add \$25,000.00 allowance to cover the travel and living for FSR
Revised spec was provided at the Bidders Conference

L-1 GALLEY STOVE CLEANING

No Issues

L-2 PORT PROPULSION MOTOR (SURVEY)

No Issues

L-3 MOTOR OVERHAULS (SURVEY)

L-3.1 Boiler feed motors is to be removed from spec

Pricing Data Sheet

HD-1 DRY DOCKING \$ _____
Removal of Keel Blocks \$ _____
Insertion of Keel Blocks \$ _____

HD-2 STERN TUBE BEARING WEAR DOWN \$ _____

HD-3 HULL Welding INSPECTION AND REPAIRS
3.4.3 Unit cost for arc gouging \$ _____ ft
3.4.4 Unit cost for welding \$ _____ ft

HD-4 RUDDER & RUDDER STOCK STEADY BEARING (SURVEY) \$ _____
4.6 include 2 pneumatic pressure tests \$ _____
4.11 quote renewing 3 GSM pintle bushings \$ _____
4.13 quote supply and install 12 anodes \$ _____
Unit cost per anode \$ _____
4.19 allowance to cover the travel and living for FSR \$ 5,000.00
4.21 quote on supplying 2 new Rudder Fairwater plates \$ _____

HD-5 WATER BALIAST TANKS (SURVEY) \$ _____
5.4 quote 10 anodes per tank... Unit cost \$ _____ per anode
5.5 quote 100 sq meter.... Unit cost per meter \$ _____

HD-5A WATER BALIAST WING TANKS HEATING COILS \$ _____
HD-5A.4.1. > \$ _____
HD-5A.4.2. > \$ _____
HD-5A.4.3. > \$ _____
HD-5A.4.4. > \$ _____
HD-5A.4.5. > \$ _____
HD-5A.4.6. > \$ _____
HD-5A.4.7. > \$ _____
HD-5A.4.8. > \$ _____
HD-5A.4.9. > \$ _____
HD-5A.4.10. > \$ _____
HD-5A.4.11. > \$ _____
HD-5A.4.12. > \$ _____

HD-6 VOID TANKS (SURVEY) \$ _____
6.3 quote 20 sq metere.... Unit cost per sq metere \$ _____

HD-7 FUEL TANK (SURVEY) \$ _____
7.1 quote 500 litersunit cost per liter \$ _____
7.6 quote hydrostatically testing the tanks \$ _____
Quote pneumatically testing the tanks \$ _____

HD-8 SEACHESTS AND SEABAYS SEACHESTS (SURVEY)		\$ _____
8.8 quote 400 sq meters.... Unit cost per 10 sq meters \$ _____		
8.9 quote supply and fitting 42 anodes		
Unit cost for supplying one anode \$ _____		
Unit cost for fitting one anode \$ _____		
8.13 unit cost for renewal of SS fasteners \$ _____		
8.15 quote supply and fitting 24 anodes		
Unit cost for supplying one anode \$ _____		
Unit cost for fitting one anode \$ _____		
8.17 quote renewal of 6 studs... Unit cost per stud \$ _____		
8.19 quote unit cost per removal and installation \$ _____		
8.20 quote on the renewal of 2 tear-drop anodes on each unit cost per anode \$ _____		
 HD-8A SEABAY & SEACHEST VENT RENEWALS		\$ _____
Galley area bid 12 sq meters..... Unit cost per sq meter \$ _____		
Port Alleyway bid 12 sq meters..... Unit cost per sq meter \$ _____		
8A.6 Marine flooring sub-contractor		\$10,000.00
HD-8A.9.1. > \$ _____ x 2 =		\$ _____
HD-8A.9.2. > \$ _____ x 2 =		\$ _____
HD-8A.9.3. > \$ _____ x 2 =		\$ _____
HD-8A.9.4. > \$ _____ x 2 =		\$ _____
HD-8A.9.5. > \$ _____ x 2 =		\$ _____
HD-8A.9.6. > \$ _____ x 2 =		\$ _____
HD-8A.9.7. > \$ _____ x 2 =		\$ _____
HD-8A.9.8. > \$ _____ x 2 =		\$ _____
HD-8A.9.9. > \$ _____ x 2 =		\$ _____
HD-8A.9.10.> \$ _____ x 2 =		\$ _____
 HD-8B SEABAY SEACHEST PIPING RENEWALS		\$ _____
8B.4 include 20hours.... Unit cost per hour \$ _____		
 HD-9 RENEWAL OF ANODES IN SEACHESTS		\$ _____
9.5 quote installing 8 anodes Unit cost per anode \$ _____		
9.9 FSR allowance		\$10,000.00
 HD-10 HULL CATHODIC PROTECTION ANODES		\$ _____
 HD-11 BOWTHRUSTER OIL CHANGE		\$ _____
 HD-12 SEA VALVE CONNECTIONS (SURVEY)		\$ _____
 HD-12A SEA VALVE SPOOL PIPES		\$ _____
12a.2 quote 10 spool pipes ... Unit cost per spool \$ _____		
 HD-13 OVERBOARD DISCHARGE VALVES (SURVEY)		\$ _____
 HD-14 HULL CLEANING AND PAINTING (VLE)		\$ _____
14.12 unit price per sq ft \$ _____		
14.16 unit price per sq meter \$ _____		
14.22 decal installation allowance		\$3,000.00
14.23 painting of hull symbols		\$ _____

HD-15 PROPELLER AND TAILSHAFT (SURVEY)	\$ _____
15.8 unit price for chasing threads \$ _____	
15.9 unit price for fabricating a fitted nut and bolt set \$ _____	
15.18 resin coating allowance	\$10,000.00
15.19 Lathe (tail shaft)	\$ _____
15.20 shaft keys	\$ 5,000.00
15.22 quote machining Thordon tubes	\$ _____
Quote broach / mill each tube	\$ _____
15.27 include two separate fits.... Unit cost for additional fit \$ _____	
 HD-16 STERN TUBE SEALS	 \$ _____
16.2 John Crane FSR allowance	\$ 20,000.00
16.13 seal machining	\$ _____
 HD-17 ANCHORS, CHAINS AND CHAIN LOCKERS (SURVEY)	 \$ _____
17.5 quote repair to stud link \$ _____ ea x 12 =	\$ _____
17.11 quote renewing bilge piping \$ _____ ft x 30ft	\$ _____
17.13 quote 50sq meters ... Cost per sq meter \$ _____	
 HD-18 CENTRAL Cooling SALT WATER CROSS OVER UNE (SURVEY)- VLE ITEM	 \$ _____
 HD-19 PORTHOLE TUBE RENEWAL	 \$ _____
19.10 unit cost for replacing pin..... \$ _____	
19.12 quote renewing 6 tubes... Unit cost per tube \$ _____	
19.13 NDT technician allowance	\$3,000.00
 H-1 PRODUCTION CHART	 \$ _____
 H-2 SERVICES	
Gangways	\$ _____
Electric Power	
3000 kwh x \$ _____ x 40 days	\$ _____
Firemain	\$ _____
Potable and Sanitary Water	\$ _____
10 m ³ x \$ _____ m ³ =	\$ _____
Hull Discharge Connections	
Central cooling	\$ _____
RO	\$ _____
Sewage treatment Disposal 10 m ³ x \$ _____ m ³ =	\$ _____
Aux Gen	\$ _____
Garbage	\$ _____
Craneage 10 hours x \$ _____ per hr =	\$ _____
Waste Oil 10,000 liters x \$ _____ lt =	\$ _____
Cleaning	\$ _____
Parking	\$ _____
Telephones	\$ _____
Internet	\$ _____
Alleyway and Bulkhead Protection	
5200 sq ft X \$ _____ sq ft =	\$ _____
3200 sq ft X \$ _____ sq ft =	\$ _____
Scaffolding	\$ _____
H-2A Berthing	\$ _____

H-3 VENTILATION DUCT CLEANING	\$ _____
H-3a Laundry Ventilation	\$ _____
H4 SP BARGE DAVIT (ANNUAL Inspection)	\$ _____
4.3 FSR Travel and Living	\$5,000.00
H-5 LIFEBOAT AND LIFEBOAT DAVIT REPAIRS (SURVEY)	\$ _____
5.4 FSR Allowance	\$10,000.00
FSR Parts and Materials Allowances	\$ 5,000.00
5.18 allowance for repairs 24 hrs x \$ _____ per hr =	\$ _____
5.19 allowance for repairs 24 hrs x \$ _____ per hr =	\$ _____
5.25 quote removing and reinstalling the winch	\$ _____
5.34 Hydraulic hose allowance	\$ 7,000.00
5.42 re-chrome allowance	\$ 8,000.00
5.51 NDT 100 linear ft x \$ _____ ft =	\$ _____
H-6 MIRANDA DAVIT (ANNUAL Inspection)	\$ _____
6.4 FSR Travel and Living allowance	\$ 5,000.00
6.8 FRC removal and Storage	\$ _____
6.9 Cradle removal and Storage	\$ _____
H-7 Fresh Water Tank Cleaning	\$ _____
7.12 repair 30 sq meters x \$ _____ sq meter =	\$ _____
H-8 MANHOLE COVER STUD RENEWAL	\$ _____
8.2 renew 10 studs x \$ _____ per stud =	\$ _____
H-9 FIXED FIRE SUPPRESSION SYSTEMS (SURVEY)	\$ _____
H-10 FM-200 FIXED FIRE SUPPRESSION SYSTEMS (SURVEY)	\$ _____
H-11 PORTABLE FIRE Extinguishers	\$ _____
H-12 FIRE Detection SYSTEM	\$ _____
H-13 FOAM FIRE SUPPRESSION SYSTEMS (SURVEY)	\$ _____
H-14 ABOVE Waterline PAINTING (SUPERSTRUCTURE) VLE	\$ _____
14.12 abrasive blast 680 sq meters x \$ _____ sq meter =	\$ _____
H-15 BRIDGE CLEAR-VIEW WINDOW RENEWAL & REPAIRS	\$ _____
15.14 bid 3 meters x \$ _____ meter =	\$ _____
15.19 bid 3 meters 14 gauge x \$ _____ meter =	\$ _____
bid 3 meters 16 gauge x \$ _____ meter =	\$ _____
H-16 BRIDGE WINDOW REPAIRS	\$ _____
16.12 mounting holes	\$ _____
16.13 renewal of window frame	\$ _____
Unit cost per 1 foot \$ _____	
H-17 MACHINERY/ACCOMMODATION SPACE VENT SCREENS & DOOR REPAIRS	\$ _____

E-1 ANCHOR WINDLASS (SURVEY)	\$ _____
1.9 quote fabricating a new shaft	\$ _____
Quote 4 new saddle bearings	\$ _____
1.21 core exchange Allowance	\$8,000.00
E-1A ANCHOR WINDLASS POWER PACK PUMP OVERHAUL	\$ _____
1A.5 Core exchange.... Allowance	\$17,000.00
E-2 MAIN STEAM LINE TESTING &. ISOLATION VALVE OVERHAUL (SURVEY)	\$ _____
E-3 FORWARD MOORING WINCH OVERHAUL	\$ _____
3.11 Fabricating new pins, bushings..... Allowance	\$8,000.00
E-3A PORT AND STARBOARD MOORING WINCH POWER PACK PUMP OVERHAUL	\$ _____
3A.5 core exchange.... Allowance	\$17,000.00
E-4 STEERING GEAR VLE UPGRADE/RENEWAL (SURVEY)	\$ _____
4.3 allowance to cover the travel and living for FSR	\$ 25,000.00
4.11 training	\$ _____
E-5 INCINERATOR RENEWAL AND SLUDGE TANK INSTALLATION	\$ _____
5.1 allowance to cover the travel and living for FSR	\$ 20,000.00
5.7 Mechanical Technical Welder 120 hours x \$ _____ per hr =	\$ _____
Various trades 100 hours x \$ _____ per hr =	\$ _____
5.19 Materials and parts allowance	\$ 5,000.00
5.27 construction of 2 new sections of exhaust piping	\$ _____
E-6 PORT AND STARBOARD BOILER CONTROLS RENEWAL	\$ _____
6.1 allowance to cover the travel and living for FSR	\$ 25,000.00
6.8 Mechanical Technical Welder 144 hours x \$ _____ per hr =	\$ _____
Various trades 100 hours x \$ _____ per hr =	\$ _____
6.11 Material and Parts allowance	\$ 5,000.00
L-1 GALLEY STOVE CLEANING	\$ _____
L-2 PORT PROPULSION MOTOR (SURVEY)	\$ _____
2.2 Specialist allowance	\$30,000.00
2.12 Quote supplying and installing 4 anodes per cooler	\$ _____
2.24 Quote re-insulating the pedestal bearing \$ _____	\$ _____
L-3 MOTOR OVERHAULS (SURVEY)	\$ _____
Total	\$ _____