

## ***CCGS Cape Roger Drydocking Refit 2014.***

### ***Bidders Conference Minutes.***

The Bidders Conference for CCGS <sup>CAPE</sup> Roger was convened at CCG Base Dartmouth, Nova Scotia, and conference call with PWGSC in St. John's, NL at 11:00 am Thursday February 27, 2014 with the following attendees:

Colleen Dalton	PWGSC	Supply Specialist	772-4931
Wayne Lambert	CCG	Project Officer	772-8646
George Penney	NewDock	Contracts Manager	758-6811
Kevin MacKinnon	NewDock	Estimator	758-6808
George Bennett	CCG	Chief Engineer	
Emanuel Rowsell	CCG	Commanding Officer	
Joseph D'Achille	Heddle Marine	Project Manager	905-528-2635
Shane Latimer	CCG	Senior Engineer	

### **Invitation to Tender**

#### **Page One**

Closing date is **March 13, 2014.**

Bidders are to ensure page (1) is completed accurately.

#### **1.2 Summary**

*Commencement Date:*           **April 2, 2014**  
*Completion Date:*           **May 21, 2014**

No comments about the work package and time allotted for the refit.

#### **C6000C Limitation of Price:**

This clause is to ensure that additional work is not started unless the Contracting Authority approves it. This clause works in conjunction with the Procedures for design change or additional work found in section 7.26.

#### **C0711C Time Verification**

This clause can be used within the 1379 "design change or additional work" negotiations. The intent is to provide a mechanism to ensure work is not delayed as a result of difficult negotiations ( I.E hours for a job).

Upon completion, time verification would ensure the crown are paying a fair and reasonable price while the contractor is getting paid what they are entitled to.

This clause will not be used for renegotiation of 1379's. As per current procedure, a revision to a particular extra will be raised to address any scope of work change.

### **Annex B and Annex I**

Wording changes included in both are to ensure all bids are consistent and accurate. Bids are to include all aspects of daily fees and lay days.

### **PREAMBLE**

No issues

### **H-1 PRODUCTION CHART**

No issues

### **H-2 SERVICES**

3.1.3 Change to 400 amp and 460 volt.

3.1.8 Only one connection to the sewage system is required. Bidders are to include in their bid the cost to remove 4 m3 per day of grey/black water. **NOTE:** We will require this hookup to be on the ship while the ship is out of the water. This is not a connection that is to be pumped down daily. We require a continuous connection because we have a vacuum system with a treatment plant all in one. We do not have a holding tank.

### **H-3 CLEANING OF THE HVAC & SANITARY FAN SYSTEM**

No issues

### **H-4 GALLEY EXHAUST FAN & VENTILATION CLEANING**

No issues

### **H-5 FM-200 ANNUAL INSPECTION, SERVICE & RE-CERTIFICATION**

No issues

### **H-6 ANNUAL SERVICE OF THE FIRE DETECTION SYSTEM**

No issues.

### **H-7 ANNUAL LEAK TESTING OF REFRIGERATION SYSTEMS**

No issues

### **H-8 OFFICERS WASHROOM DOOR REPLACEMENT**

No issues

### **H-9 PORT & STARBOARD MIRANDA DAVIT ANNUAL INSPECTION/REPAIR**

Contractor is to include in its bid 40 hours to assist the FSR to be adjusted up or down by 1379.

### **H-10 PORT & STARBOARD LIFEBOAT DAVITS ANNUAL INSPECTION**

Contractor is to include in its bid 40 hours to assist the FSR to be adjusted up or down by 1379.

#### **H-11 AFT GREY WATER LIFT STATION REPLACEMENT**

Drawing attached as a separate attachment.

#### **H-12 WATERTIGHT WINDOW SEAL REPLACEMENT**

3.1.3 Screws to bid on are ¼" x 1" stainless steel.

#### **H-13 DECK RAILING MODIFICATIONS**

No issues

#### **H-14 STBD E/R SUPPLY FAN TRUNKING REPAIRS**

No issues

#### **H-15 CRANE CATCH-ALL REPAIRS**

No issues

#### **HD-1 DRY DOCKING**

3.1.13 Bidders to include in bid price 1 person/16 hrs to assist the FSR with the deflections. An allowance for \$4,000.00 to cover the FSR cost will also be included in the data sheet.

#### **HD-2 HULL CLEANING & PAINTING BELOW THE WATERLINE**

No issues

#### **HD-3 HULL CLEANING & PAINTING ABOVE THE WATERLINE**

2.1.1 should state above the waterline.

3.1.2 should read 20 m<sup>2</sup> and 100% sand sweep overall.

#### **HD-4 HULLS BUTTS & SEAMS**

3.1.2 should read 1500 ft.

3.3.2 Remove the last line regarding the unit cost for gas freeing and tank coating repair. If a tank has to have a gas free certificate this will be done by 1379. If any tank coating is in need of repairs it will be done by 1379.

#### **HD-5 ANODES**

No issues

#### **HD-6 SEABAY & SEA CHEST CLEANING/RE-COATING**

No issues

#### **HD-7 SHIP SIDE SUCTION & DISCHARGE VALVES INSPECTION/OVERHAUL**

No issues

#### **HD-8 AFT PEAK TANK CLEANING**

No issues

**HD-9 PORT & STBD FRESH WATER TANKS CLEANING & INSPECTION**

3.1.6 Any rust and/or base areas shall be dealt with through 1379.

**E-1 PORT & STBD STEERING PUMP OVERHAUL/INSPECTION**

No issues

**E-2 PORT CPP HYDRAULIC PUMP OVERHAUL/INSPECTION**

No issues

**E-3 AIR RECEIVERS VALVE INSPECTIONS**

No issues

**E-4 HEATING BOILER VALVES INSPECTIONS**

No issues

**E-5 BUNKERING FUEL OIL METER INSTALLATION**

The fuel meter will be CCG supplied.

**E-6 RUDDER ACTUATING MECHANISM**

No issues.

**E-7 DOCK TRIALS**

No issues

**L-1 ELECTRICAL INSULATION TEST**

No issues

**L-2 ELECTRICAL THERMAL IMAGE SCAN**

No issues

**L-3 CIRCUIT BREAKER MAINTENANCE**

No issues

**L-4 PORT & STBD STEERING PUMP ELECTRIC MOTOR  
OVERHAUL/INSPECTION**

No issues.

**L-5 PORT CPP PUMP ELECTRIC MOTOR OVERHAUL/INSPECTION**

No issues

**L-6 PORT S/S GENERATOR CLEANING/INSPECTION**

No issues

Pricing Data Sheet  
CCGS Cape Roger 2014

ITEM	DESCRIPTION	PRICING (Including Allowances)
H-1	Production Chart	\$
H-2	Services	
	3.1.1. Oily Water Mixture Unit cost per 1m <sup>3</sup> \$	\$
	3.1.2. Gangways (2)	\$
	3.1.3 Electrical Power 200,000 KW hours Unit cost per KW hour \$	\$
	3.1.4. Fresh Water Line	\$
	3.1.5. Fire Main Line	\$
	3.1.6 Telephone Line (4)	\$
	3.1.7. Cranage	\$
	3.1.8. Sewage Line Connection (1)	\$
	3.1.9. Garbage Removal	\$
	3.1.10 Compressed Air	\$
	3.1.11 Sea Trials	\$
	<b>Total Services</b>	<b>\$</b>
H-3	Cleaning of the HVAC & Sanitary System <b>2.4.2 Allowance for repairs</b>	\$ <b>\$1,000.00</b>
H-4	Galley Exhaust Fan & Ventilation Cleaning	\$
H-5	FM-200 Annual Inspection,Service & Recertification <b>3.1.2 Allowance for FSR</b>	\$ <b>\$8,000.00</b>
H-6	Annual Service Of The Fire Detection System	\$
H-7	Annual Leak Testing of Refrigeration Systems	\$
H-8	Officers Washroom Door Replacement	\$
H-9	Port & Stbd Miranda Davit Annual Inspection/Repair <b>1.2 Allowance for parts replacement</b> <b>3.1.1 Allowance for FSR</b>	\$ <b>\$5,000.00</b> <b>\$5,000.00</b>
H-10	Port & Stbd Lifeboat Davits Annual Inspection <b>3.1.1 Allowance for FSR</b>	\$ <b>\$5,000.00</b>
H-11	Aft Grey Water Lift Station Replacement	\$
H-12	Watertight Window Seal Replacement <b>3.1.3 Unit cost to drill &amp; tap 1 screw \$</b>	\$
H-13	Deck Railing Modifications	\$
H-14	Stbd E/R Supply Fan Trunking Repairs <b>3.1.6 Unit cost per f<sup>2</sup> of deck plating replacement \$</b> _____ <b>3.1.7 Unit cost per f<sup>2</sup> of deck plating \$</b> _____ <b>3.1.7 Unit cost per UT shot \$</b> _____	\$
H-15	Crane Catch-All Repairs	\$
HD-1	Dry Docking <b>3.1.13 Allowance for FSR</b>	\$ <b>\$4,000.00</b>
HD-2	Hull Cleaning & Painting Below the Waterline <b>3.1.6 Unit cost per m<sup>2</sup> for grit blasting \$</b> _____	\$

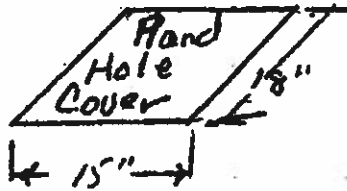
ITEM	DESCRIPTION	PRICING (Including Allowances)
HD-3	Hull Cleaning & Painting Above the Waterline 3.1.3 Unit cost per addtl. 1 m <sup>2</sup> of grit blasting \$ _____. 3.1.9 Unit cost per addtl. 1 m <sup>2</sup> of repair and paint \$ _____	\$
HD-4	Hulls Butts and Seams	\$
HD-5	Anodes 1.1 Unit cost per addtl. anode \$ _____	\$
HD-6	Seabay & Sea Chest Cleaning/Re-Coating 3.1.4 Unit cost per m <sup>2</sup> \$ _____ 3.1.6 Unit cost per anode \$ _____ 3.1.8 Unit cost for replacement of stud \$ _____	\$
HD-7	Ship Side Suction & Discharge Valves Inspection/Overhaul	\$
HD-8	Aft Peak Tank Cleaning 3.1.8 Unit cost per stud replacement \$ _____	\$
HD-9	Port & Stbd Fresh Water Tanks Cleaning & Inspection	\$
E-1	Port & Stbd Steering Pump Overhaul/Inspection	\$
E-2	Port CPP Hydraulic Pump Overhaul/Inspection	\$
E-3	Air Receivers Valve Inspections 1.2 Allowance for parts	\$ \$2,000.00
E-4	Heating Boiler Valves Inspections 1.2 Allowance for parts 3.1.7 Allowance for burner technician	\$ \$1,000.00 \$2,000.00
E-5	Bunkering Fuel Oil Meter Installation	\$
E-6	Rudder Actuating Mechanism	\$
E-7	Dock Trials	\$
L-1	Electrical Insulation Test 3.1.3 Allowance for detecting faults	\$ \$2,000.00
L-2	Electrical Thermal Image Scan 3.1.4 Allowance to correct any defects	\$ \$2,000.00
L-3	Circuit Breaker Maintenance	\$
L-4	Port & Stbd Steering Pump Electric Motor Overhauls/Inspect 3.1.4 Allowance for parts	\$ \$3,000.00
L-5	Port CPP Pump Electric Motor Overhaul/Inspection 3.1.4 Allowance for parts	\$ \$1,000.00
L-6	Port S/S Generator Cleaning/Inspection 3.5 Allowance for bearings	\$ \$2,000.00
	<b>Total Bid Price (including allowances)</b>	<b>\$</b>

# Grey Water Lift Station.

3" Pipe  
Flange  $7\frac{1}{2}"$

Welded  
4" Pipe  
Flange  $10\frac{1}{4}"$

Top



Front

Pump  
Mounting  
Brackets.

Right  
Side.

2" Female Threaded  
Connection

36"

11"

$40\frac{5}{8}"$

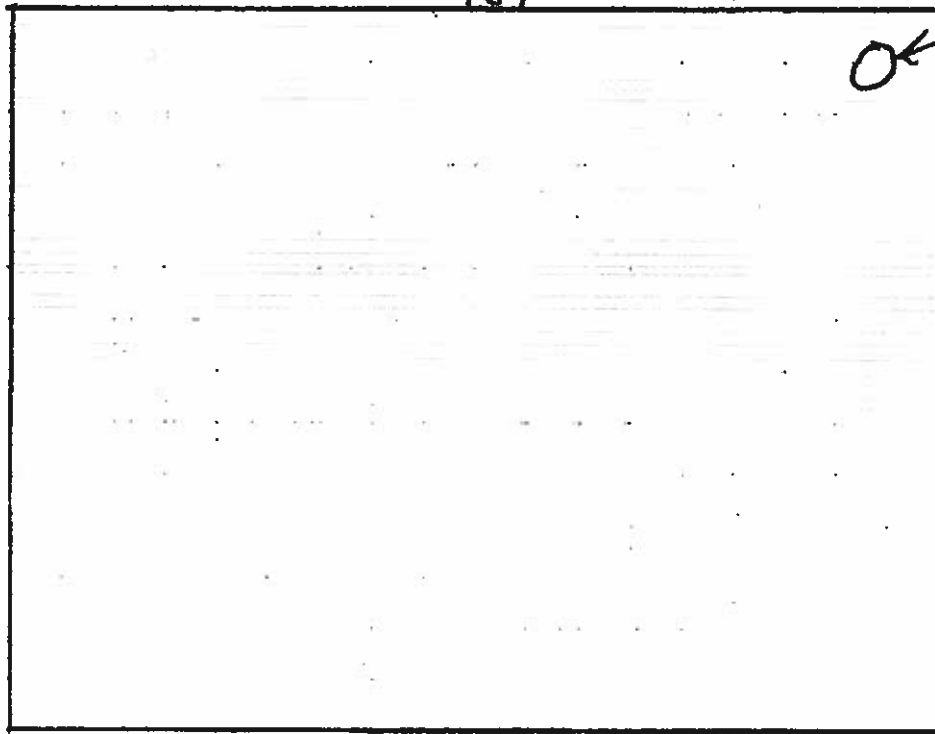
$42\frac{1}{2}"$

$24\frac{7}{16}"$

Back

Top

2" Threaded  
Female  
Connection.



Left  
Side.

Pipe 2" Flange 6"



2" Threaded  
Female

