

Question 001

**HD-05 Hull Butts and Seams**

In respect to the pricing for gouging and welding and unit pricing for these items, should these prices include the cost of a fire watch?

**HD-07 Kort Nozzle Testing**

In respect to the pricing for gouging and welding and unit pricing for these items, should these prices include the cost of a fire watch?

Response:

Yes

We expect that the contractor comply with all safety requirements required under the federal MOSH and provincial OSH regulations for hot work. These cost are to be built into bid pricing. The fire watch should be included in the bids as per Preamble, 14. Hotwork.

Question 002

**Could you provide copies of the following drawings?**

General Arrangement

Shaft Arrangement

Rudder Drawings

Response:

Drawings have been provided as requested.

Question 003

**H-01 Fixed Fire Fighting Systems**

Paragraph 3.1.7.1 states that the "twin-agent skid unit shall be thoroughly examined and tested as per TCMS requirements." Can you please advise the last pressure test date of the twin agent unit? This will determine whether the requirement will be for pressure testing or inspection.

Response:

The last pressure test date for the nitrogen cylinders was Jan 2006. The Twin agent was last serviced Feb. 2012. Testing refers to testing of the dry chemical and AFFF as per TCMS requirements.

Question 004

**HD-12 Water Ballast Tank Inspections and Cleaning**

Para. 3.2.7, the spec calls for a Hydrostatic test of the tanks.

Would an air pressure test be an acceptable substitution?

Response

Hydrostatic tests are the Transport Canada norm for ballast tanks, air tests are the norm for fuel tanks.

Air tests are not acceptable they must be hydrostatic.

Question 005

**Please advise when we should see the revised Pricing Data Sheet?**

Response:

I expect to have a new Pricing Data Sheet out in 2 days.

Question 006

**HD-12 Water Ballast Tank Inspections and Cleaning**

3.2.1 The minutes that were issued refers to installing six new anodes. Is that per tank?

Response

3.2.1 applies to the port and stbd. tanks so the Contractor should bid on removing 25 old ones and installing 6 new ones in two tanks (#1 port and #1 stbd.).

Please see original line 3.2.1 and amendment below.

**3.2.1** Manhole cover accesses are located on the after bulkhead in Steering Flat. These tanks are presently coated with remnants of Amercoat 235 Epoxy. There are twenty five - 10 kg zinc anodes in each tank. These anodes shall be removed. These tanks are fitted with docking plugs.

3.2.1 **Amendment:** Underlined text added: The Contractor shall quote on removing 25 old anodes and installing 6 new anodes. The new anode locations shall be directed by the Chief Engineer prior to installation. 12 anodes in total

Question 007

**Will the Bid submission date change?**

Response:

The new bid submission date will be 12 December 2012.

### Clarifications to specification

#### HD-12 Water Ballast Tank Inspections & Cleaning (#1 Port & Stbd. Water Ballast Tanks.)

##### 3.1.1 Amendment: Underlined text added:

<u>Tank</u>	<u>Location</u>	<u>Volume</u>	<u>Area</u>
<u>#1 Port Water Ballast tank</u>	<u>FR. 0-11</u>	<u>61.4 m<sup>3</sup></u>	<u>Combined area of #1 port and #1 starboard is 816.5 square metres</u>
<u>#1 Starboard Water Ballast tank</u>	<u>FR. 0-13</u>	<u>67.5 m<sup>3</sup></u>	<u>See above</u>
<u>#20 CTR W.B. TANK</u>	<u>FR. 5-13</u>	<u>39.9 m<sup>3</sup></u>	<u>246.4 square metres</u>

Amendment: italicized text deleted;

<b>Tank</b>	<b>Location</b>	<b>Volume</b>	<b>Area</b>
<i>#1 Port Water Ballast tank</i>	<i>FR. 0-11</i>	<i>61.4 m<sup>3</sup></i>	<i>160 m<sup>2</sup></i>
<i>#1 Starboard Water Ballast tank</i>	<i>FR. 0-13</i>	<i>67.5 m<sup>3</sup></i>	<i>175 m<sup>2</sup></i>
<i>#20 CTR W.B. TANK</i>	<i>FR. 5-13</i>	<i>39.9 m<sup>3</sup></i>	<i>104 m<sup>2</sup></i>

**3.2.3** Amendment: Struck through text deleted; ~~The tanks are then to be inspected by Chief Engineer to determine exact amount of blasting and coating required. Amount to be adjusted down by 1379 depending on coating condition. **Note:** Contractor to quote on water, grit blasting and coating of entire tank surface area.~~

Amendment: Underlined text added: The Contractor shall quote on 30% grit blasting and coating of the area of #1 port and # 1 starboard water ballast tanks .The entire combined area of # 1 port and starboard tanks combined is 816.5 square meters. The final amount shall be determined in consultation with the Chief Engineer. The final amount will be adjusted up or down by 1379 action.

**3.2.3** Unit cost for Coating and Surface Preparation Repairs to be provided on the PDS..

#### HD-13 Fore Peak Tank Inspection and Coating

Delete this item on the Pricing Data Sheet.

### **ED-03 Starboard Side Intermediate Bearings**

3.1.2 Amendment: Underlined text added: The sumps shall be wiped clean with lint free rags.

### **ED-05 Bow Thruster Survey**

3.1.1 Amendment: Struck through text deleted; ~~both the PWGSC Inspection Authority and~~

3.1.4 Amendment: Underlined text added: The gearbox reservoir shall be wiped clean with lint free rags.

3.1.6 Cost of 200 liters and a unit cost per liter.

### **L-01 Kongsberg Tank level Transducers**

1.1 Amendment: Struck through text deleted; ~~The intent of this item shall be install 7 new owner supply transducers and calibrate the newly installed and other previously fitted level transducers.~~ Amendment: Underlined text added: The intent of this item shall be install nine new owner supply transducers and calibrate the newly installed and other previously fitted level transducers.

1.2 Amendment: Struck through text deleted; ~~The contractor shall make an allowance of \$5000.00 to arrange the field service representation of Kongsberg to connect, commission and calibrate the installation of the seven owner supplied transducers and for calibration of the thirty four tanks on the tank gauging system.~~ Amendment: Underlined text added: The contractor shall make an allowance of \$5000.00 to arrange the field service representation of Kongsberg to connect, commission and calibrate the installation of the nine owner supplied transducers and for calibration of the thirty four tanks on the tank gauging system.