

PDS rev1

Preamble	
Testing and Records	\$ _____
HD-01 Production Chart	\$ _____
HD-02 Dry-docking	
Docking	\$ _____
Undocking	\$ _____
HD-03 Services	\$ _____
Electrical Power	
Unit cost \$ _____ x 300,000=	\$ _____
Connect \$ _____ + disconnect \$ _____ =	\$ _____
Water (Fire main) including connect disconnect	
Unit cost \$ _____ m ³ x 216m ³ (4m ³ x54)	\$ _____
Potable fresh Water including connect disconnect	
Unit cost \$ _____ m ³ x 162m ³ (3m ³ x54)	\$ _____
Sewage discharge	\$ _____
Grey water discharge	\$ _____
Gangways (x2)	\$ _____
Refuse containers	\$ _____
Unit cost per dump \$ _____ x 6	\$ _____
Crane usage (not for contractor) \$ _____ per hr x 15	\$ _____
Cleaning	\$ _____
Parking	\$ _____
Bilge oily water removal \$ _____ m ³ x 12	\$ _____
Sea trials	\$ _____
Heaters	\$ _____
Engineering firm allowance	\$20,000.00
Mark up an allowance (Max 10%) \$20,000 x _____ % =	\$ _____
Ultrasonic shots Unit cost \$ _____ x 1500	\$ _____
HD-04 Hull Coating and Inspection	\$ _____
3.1.8 Unit cost for repair \$ _____ m ² x 1000	\$ _____
3.2.1 Unit cost \$ _____ m ² x 4	\$ _____
3.3.1 Unit cost \$ _____ m ² x 450	\$ _____
HD-05 Hull Butts and Seams	\$ _____
3.1.3 Unit cost for gouging \$ _____ ft x 1000	\$ _____
3.1.3 Unit cost for welding \$ _____ bead ft x 4000	\$ _____
Unit cost for gas free \$ _____ x 6 =	\$ _____

HD-06 Hull Sacrificial Anodes	\$ _____
Unit cost \$ _____ per anode x 98	\$ _____
HD-07 Kort Nozzle Testing	\$ _____
Unit cost \$ _____ bead ft of weld x 100	\$ _____
HD-08 Water Ballast Tank Inspections and Cleaning	\$ _____
3.1.3 Unit cost for gas free \$ _____ x 10 =	\$ _____
3.2.1 Unit cost per \$ _____ 10kg anode	\$ _____
3.2.3 Unit cost \$ _____ m ² x 816.5m ² =	\$ _____
3.2.7 Unit cost \$ _____ x 20 =	\$ _____
3.3.1 Unit cost per \$ _____ 10kg anode	\$ _____
3.3.3 Unit cost \$ _____ m ² x 335m ² =	\$ _____
3.3.7 Unit cost \$ _____ x 20 =	\$ _____
3.4.2 Unit cost per \$ _____ 10kg anode	\$ _____
3.3.3 Unit cost \$ _____ m ² x 104m ² =	\$ _____
3.4.7 Unit cost \$ _____ x 20 =	\$ _____
HD-09 Freshwater Tank Cleaning and Maintenance	\$ _____
3.3.2 Unit cost \$ _____ m ² x 150 =	\$ _____
3.3.3 Unit cost \$ _____ x 5 =	\$ _____
HD-10 Anchors and Chains, Chain Lockers Inspection	\$ _____
3.1.12 Unit cost per \$ _____ m ² x 6 =	\$ _____
HD-11 Steel Remediation Port / Stbd Side Shell Plating	\$ _____
3.2.1 Unit cost \$ _____ m ² x 21 =	\$ _____
Unit cost \$ _____ m ² x 2.5 =	\$ _____
3.2.2 Unit cost \$ _____ m ² x 12 =	\$ _____
3.2.6.2 Unit cost \$ _____ liter x 1000 =	\$ _____
HD-12 Porthole Replacement	\$ _____
HD-13 Seabays, Seachests, Grids and Strainers	\$ _____
3.1.4 Unit cost for gas free \$ _____ x 4 =	\$ _____
3.1.13 Unit cost \$ _____ m ² x 20 =	\$ _____
3.1.16 Cost for thruster grids	\$ _____
3.1.21 Cost for Sea strainer boxes	\$ _____
3.1.29 Unit cost \$ _____ m ² x 48 =	\$ _____
HD-14 Ship Underwater De-Icing Valve Inspection and Replacement	\$ _____
HD-15 Sea Connections Inspection	\$ _____
HD-16 Storm Valve Inspection and Associated De-Icing Valves	\$ _____

H-17 Escape Hatch Replacements	\$ _____
H-18 Exterior Door Replacements	\$ _____
4.1.5 Unit cost \$ _____ m ² x 11 =	\$ _____
H-19 Chief Officer Washroom Refurbishment	\$ _____
3.2.3 / 3.2.4 Unit cost per shot \$ _____ x 12 =	\$ _____
3.2.6 Unit cost \$ _____ ft ² x 15 =	\$ _____
H-20 Deck Covering Replacement	\$ _____
Furniture installer allowance	\$ 15,000.00
Mark up an allowance (Max 10%) \$15,000 x _____ % =	\$ _____
3.1.10 Unit cost per shot \$ _____ x 120 =	\$ _____
Unit cost \$ _____ ft ² x 50 =	\$ _____
H-21 Hospital Washroom Refurbishment	\$ _____
3.2.6 Unit cost \$ _____ ft ² x 4 =	\$ _____
3.5.1 material allowance	\$ 500.00
Mark up an allowance (Max 10%) \$500 x _____ % =	\$ _____
H-22 Steel Remediation Aux Machinery Space	\$ _____
3.2.1 Unit cost \$ _____ m ² x 5.5 =	\$ _____
H-23 Steel Remediation Bulkhead/Door coaming- stbd side main deck.	\$ _____
3.2.1 Unit cost \$ _____ m ² x 1.1 =	\$ _____
H-24 Steel Remediation HVAC Room Deck / Weathertight Door	\$ _____
3.2.1 Unit cost \$ _____ m ² x 1.75 =	\$ _____
3.2.2 Unit cost \$ _____ m ² x .21 =	\$ _____
3.2.3 Unit cost \$ _____ m ² x 6.3 =	\$ _____
H-25 MCR Door Replacements	\$ _____
H-26 Steel Remediation and Floor Coverings Bridge Wing	\$ _____
3.2.1 Unit cost per shot \$ _____ x 40 =	\$ _____
3.2.1 Unit cost \$ _____ m ² x 4 =	\$ _____
3.3.4 Unit cost \$ _____ ft ² x 900 =	\$ _____
H-27 #11 F/O Tank top Powertool and Coating	\$ _____
3.1.5 Unit cost per shot \$ _____ x 100 =	\$ _____
Unit cost \$ _____ ft ² x 20 =	\$ _____
H-28 STBD Engine Room Stack Coating Repairs	\$ _____
3.1.7 Unit cost \$ _____ m ² x 36 =	\$ _____
Unit cost \$ _____ m ² x 85 =	\$ _____

H-29 Exhaust Casing Maintenance	\$ _____
3.1.9 Unit cost \$ _____ m ² x 10 =	\$ _____
H-30 Port and Stbd Deck Crane Quadrennials	\$ _____
3.1.7 allowance	\$ 2,000.00
Mark up an allowance (Max 10%) \$2,000 x _____ % =	\$ _____
H-31 Accommodation Space Ventilation Trunking Cleaning	\$ _____
H-32 Galley Exhaust Fan Trunking Cleaning	\$ _____
ED-01 Port Propeller, Tailshaft and Stern Tube	\$ _____
1.2 FSR allowance	\$ 50,000.00
Mark up an allowance (Max 10%) \$50,000 x _____ % =	\$ _____
ED-02 Starboard Propeller, Tailshaft and Stern Tube	\$ _____
ED-03 Port and Starboard Rudder Stock Inspections	\$ _____
1.3 FSR allowance	\$ 20,000.00
Mark up an allowance (Max 10%) \$20,000 x _____ % =	\$ _____
ED-04 Port and Starboard Rudder Actuators & Steering Gear Pumps	\$ _____
1.3 FSR allowance	\$ 30,000.00
Mark up an allowance (Max 10%) \$30,000 x _____ % =	\$ _____
1.4 assistance Hours \$ _____ hr x 200 =	\$ _____
ED-05 Stern Thruster Survey	\$ _____
1.2 FSR allowance	\$ 32,000.00
Mark up an allowance (Max 10%) \$32,000 x _____ % =	\$ _____
3.1.6 200 liters of oil =	\$ _____
3.1.8 Bearing allowance	\$ 2,000.00
Mark up an allowance (Max 10%) \$2,000 x _____ % =	\$ _____
3.1.10 Parts allowance	\$ 35,000.00
Mark up an allowance (Max 10%) \$35,000 x _____ % =	\$ _____
ED-06 Fuel oil, Ballast water and Fresh water Pneumatic Valve Replacement	\$ _____
1.2 FSR allowance	\$ 15,000.00
Mark up an allowance (Max 10%) \$15,000 x _____ % =	\$ _____
3.3.3 Unit cost \$ _____ ft x 20 =	\$ _____
3.3.4 Unit cost \$ _____ ft x 20 =	\$ _____

E-07 Fuel Oil, Lube Oil and Waste Tank Cleaning and Inspection	\$ _____
3.1.4 Unit cost for gas free \$_____ x 12 =	\$ _____
E-08- Roust About Replacements	\$ _____
3.2.4 Unit cost \$_____ ft x 20 =	\$ _____
E-09 RWO OWS Installation	\$ _____
2.1.4 FSR allowance for travel	\$ 10,000.00
Mark up an allowance (Max 10%) \$10,000 x _____% =	\$ _____
3.7 Unit cost \$_____ ft ² x 32 =	\$ _____
3.13 allowance for materials	\$ 5,000.00
Mark up an allowance (Max 10%) \$5,000 x _____% =	\$ _____
E-10 Anchor Windlass Inspection and Survey	\$ _____
1.2 FSR allowance	\$ 20,000.00
Mark up an allowance (Max 10%) \$20,000 x _____% =	\$ _____
E-11 Miscellaneous Piping Replacements	\$ _____
3.1.2.1 Grey water discharge pipe Port side	\$ _____
3.1.2.2 The CPP Overboard sea water discharge pipe	\$ _____
3.1.2.3 The Sewage treatment tank vent pipe	\$ _____
3.1.2.4 Settling Tank overflow sight glasses	\$ _____
3.1.2.5 Vent Head Replacements	\$ _____
3.1.2.6 Hand Rail/Ladders for Stb & Port Crane	\$ _____
3.1.2.7 Scupper Drain Line	\$ _____
3.1.2.8 HVAC Cooling Lines	\$ _____
3.1.2.9 #16 Port FW Tank Sounding Plug	\$ _____
3.1.2.10 Fresh Water Suction valve and pipe	\$ _____
3.1.2.11 Port and starboard sea bay strainer box vent pipes	\$ _____
E-12 Refrigeration Plant Replacement	\$ _____
1.1 FSR allowance for travel	\$ 10,000.00
Mark up an allowance (Max 10%) \$10,000 x _____% =	\$ _____
3.2.5 allowance for materials	\$ 1,000.00
Mark up an allowance (Max 10%) \$1,000 x _____% =	\$ _____
3.2.6 allowance for materials	\$ 2,000.00
Mark up an allowance (Max 10%) \$2,000 x _____% =	\$ _____
3.2.8 allowance for bedding	\$ 2,000.00
3.2.9 allowance for materials	\$ 5,000.00
Mark up an allowance (Max 10%) \$5,000 x _____% =	\$ _____
Allowance for electrical changes \$_____ hr x80 =	\$ _____
5.3 training	\$ _____

E-13 HVAC Units Replacement	\$ _____
3.2.4 allowance for materials	\$ 1,000.00
Mark up an allowance (Max 10%) \$1,000 x _____ % =	\$ _____
3.2.7 allowance for materials	\$ 2,000.00
Mark up an allowance (Max 10%) \$2,000 x _____ % =	\$ _____
3.2.10 allowance for materials	\$ 5,000.00
Mark up an allowance (Max 10%) \$5,000 x _____ % =	\$ _____
Allowance for electrical changes \$_____ hr x80 =	\$ _____
3.2.11 allowance for materials	\$ 5,000.00
Mark up an allowance (Max 10%) \$5,000 x _____ % =	\$ _____
3.2.12 FSR allowance for travel	\$ 15,000.00
Mark up an allowance (Max 10%) \$15,000 x _____ % =	\$ _____
 E-14 Wartsila SI Main Engine Idler Pin Repairs	 \$ _____
1.3 FSR allowance	\$ 80,000.00
Mark up an allowance (Max 10%) \$80,000 x _____ % =	\$ _____
1.4 FSR allowance for millwright	
\$_____ per day x 18 =	\$ _____
 E-15 Deck Fuelling Pump Installation	 \$ _____
 E-16 Tow Winch Overhaul	 \$ _____
1.3 allowance for FSR	\$ 30,000.00
Mark up an allowance (Max 10%) \$30,000 x _____ % =	\$ _____
Allowance for electrical changes \$_____ hr x200 =	\$ _____
 E-17 Main Air Receiver Survey	 \$ _____
3.3.4 Unit cost \$_____m ² x 1 =	\$ _____
3.2.11 allowance for replacement	\$ 1,000.00
Mark up an allowance (Max 10%) \$1,000 x _____ % =	\$ _____
 L-01 Kongsberg - Pneumatic Valve Replacements	 \$ _____
1.3 FSR allowance	\$ 15,000.00
Mark up an allowance (Max 10%) \$15,000 x _____ % =	\$ _____
 L-02 Kongsberg Tank Level Transducers	 \$ _____
1.2 FSR allowance	\$ 10,000.00
Mark up an allowance (Max 10%) \$10,000 x _____ % =	\$ _____
1.4 Allowance as per spec \$_____ hr x160 =	\$ _____

L-03 Port and STBD Engine Room Supply Fans Refurbishment	\$ _____
3.1.23 Parts allowance	\$ 5,000.00
Mark up an allowance (Max 10%) \$5,000 x _____ % =	\$ _____
3.2.2 Unit cost \$ _____ shot x 16 =	\$ _____
3.2.3 Unit cost \$ _____ ft ² x 20 =	\$ _____
3.2.4 Unit cost \$ _____ m ² x 100 =	\$ _____
 <u>L-04 Steering Gear Controls Upgrade Rolls Royce</u>	 \$ _____
1.2 FSR allowance	\$ 60,000.00
Mark up an allowance (Max 10%) \$60,000 x _____ % =	\$ _____
1.4 Allowance as per spec \$ _____ hr x320 =	\$ _____
3.1.8 Price break down to be provided. Cable list attached	\$ _____
3.1.9.1 Steering Gear to Wheelhouse: Unit cost \$ _____ hr x 20 x 6	\$ _____
\$2,000.00 allowance per transit for materials. \$2000.00 x 6	\$12,000.00
Mark up an allowance (Max 10%) \$12,000 x _____ % =	\$ _____
3.1.9.2 Steering Gear to MCR: Unit cost \$ _____ hr x 20 x 4	\$ _____
\$2,000.00 allowance per transit for materials. \$2000.00 x 4	\$8,000.00
Mark up an allowance (Max 10%) \$8,000 x _____ % =	\$ _____
3.1.9.3 MCR to Wheelhouse: Unit cost \$ _____ hr x 20 x 4	\$ _____
\$2,000.00 allowance per transit for materials. \$2000.00 x 4	\$8,000.00
Mark up an allowance (Max 10%) \$8,000 x _____ % =	\$ _____
5.3 Training	\$ _____
 L-05 Tow Winch Controls / Tensioner Upgrade RR	 \$ _____
1.2 FSR allowance	\$ 60,000.00
Mark up an allowance (Max 10%) \$60,000 x _____ % =	\$ _____
1.4 Allowance as per spec \$ _____ hr x120 =	\$ _____
3.1.9 Price break down to be provided. Cable list attached	\$ _____
 L-06 Bow Thruster Breaker and Controls Installation	 \$ _____
1.2 FSR allowance	\$ 25,000.00
Mark up an allowance (Max 10%) \$25,000 x _____ % =	\$ _____
1.3 Allowance as per spec \$ _____ hr x 60 =	\$ _____
 L-07 GMDSS Replacement	 \$ _____
3.1.28 Price break down to be provided. Cable list attached	\$ _____
 L-08 Autopilot Replacement	 \$ _____
3.1.19 Price break down to be provided. Cable list attached	\$ _____
 Total	 \$ _____

