



UDUPI COCHIN SHIPYARD LIMITED

(Formerly TEBMA Shipyards Limited)

Ministry of Ports, Shipping and Waterways,
Government of India

CONTRACT CELL DEPARTMENT

CORRIGENDUM - III

Tender No.: UCSL/CC/SB/T/175-182/62/2025

Date: 24-10-2025

Sir,

CORRIGENDUM-III - TENDER FOR MACHINERY INSTALLATION, SHAFTING & COMMISSIONING OF 6300 DWT GENERAL CARGO VESSEL

The following terms of the subject tender is amended as follows:

1. Tender opening date;

FOR	READ AS
24 th October 2025 (Friday), 15:30hrs	31 st October 2025 (Friday), 15:30hrs

2. Revised Indicative Quantum of works (Annexure-III) attached.
3. All the other terms and conditions of the tender enquiry remains unchanged.

for

For Udupi Cochin Shipyard Limited,

Assistant General Manager (Contract Cell)

अखिल आर पी
AKHIL R P
प्रबंधक MANAGER
उदुपि कोचीन शिपयार्ड लिमिटेड
UDUPI COCHIN SHIPYARD LIMITED
माल्पे, कर्नाटक/MALPE, KARNATAKA-576108



Udupi Cochin Shipyard Limited

tender for Machinery Installation, Shafting & Commissioning of 6300 DWT General Cargo Vessel
UCSL/CC/SB/T/175-182/62/2025/ dt 1st October 2025

Indicative Quantum of Machinery Works

TENDER FOR MACHINERY INSTALLATION, SHAFTING & COMMISSIONING OF 6300 DWT GENERAL CARGO VESSEL

EQUIPMENT LIST AND SPECIFICATIONS

Sl. No	Item	Latest Specifications	Qty	UOM	Location	Unit Weight (kg)
1	Propulsion System	Double In - Single Out Diesel Electric Propulsion with Controllable Pitch Propeller	1	Set	Propulsion Room	-
1.1	Flexible Coupling	Vulkan Single rubber element coupling between motors and gearbox	2	Nos	Propulsion Room	121.4
1.2	Gear Box	2 x 650kW @ 1100 rpm input Ratio - 10.52:1	1	Nos	Propulsion Room	8400
1.3	Shafting System	Propeller; Propeller shaft; OMC coupling, etc	1	Set	Propulsion Room	5860
1.4	Shaft earth system + Panel	Slip ring, bushes and analog mV meter	1	Set	Propulsion Room	110
1.5	Stern Tube	Stern tube & rope guard; AFT and FWD bearings& seals	1	Set	Propulsion Room	1360
1.6	Kort Nozzle	HR Nozzle L/D - 0.39 Material: Steel Gr A with Dup. St Steel 1.4362 inner ring	1	Nos	Propulsion Room	8800
1.7	FWD Seal Header Tank	5L Gravity Type	1	Nos	Propulsion Room	11
1.8	AFT Seal Header Tank	80L Pressurized type	1	Nos	Propulsion Room	87
1.9	Air Control Panel for AFT Header Tank	Supreme& Ventus Air control unit	1	Nos	Propulsion Room	25
2	Propulsion Electric Motor	650kW @ 1100 rpm PM motor	2	Nos	Propulsion Room	2653
3	Stern Tube Bosses	FWD & AFT connected through a structural pipe	1	Nos	Propulsion Room	1227
4	Ballast Water Treatment Plant	Capacity: 300 m3/h Electrolysis Type	1	Nos	Propulsion Room	2500
5	Bow Thruster Electric Motor	Power output: Approx. 350 bkW; S1 Duty; 0 - 1500 rpm, 480V 60Hz Vertical mounted; IP55	1	Nos	BT Room	1252





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6	Bow Thruster	Tunnel Thruster connected through flexible coupling to motor Power output: Approx. 350 bkW @ 1500rpm Type propeller: 4-blade; Material propeller: NiAl-bronze; Material tunnels: Certified shipbuilding steel	1	Nos	BT Room	2109
6.1	Lube Oil Header Tank for Bow Thruster	Expansion 10L + Lubrication 16L	1	Nos	FWD Tech Space	21
6.2	Hand Pump for Bow Thruster Lube Oil	Standard Hand Pump for Bow Thruster Lube Oil	1	Nos	FWD Tech Space	20
7	Gantry Crane	Electro hydraulic Traveling 21T Gantry Crane 24m/min driving speed 3m/min hoisting speed	1	Nos	Cargo Hold	14000
7.1	Provision Crane	1T SWL Hydraulic Store Crane 6m reach	2	Nos	Cargo Hold	4000
8	General Service Pump	50 m3/h @ 4.0 bar - 150 m3/h @ 3 bar Centrifugal, self-priming Dual Duty of bilge & ballast two speed pump	2	Nos	Propulsion Room	671
9	Oily Bilge Pump	3.3 m3/h at 12m head Input: Compressed Air @ 7 bar Execution: Diaphragm	1	Nos	Propulsion Room	32
10	LT FW Cooling Circulation Pump	100m3/hr @ 3 bar Execution: Centrifugal	2	Nos	DG Room	253
11	Fire Pump	50 m3/h @ 5.0 bar; Execution: Centrifugal, self-priming	1	Nos	BT Room	276
12	Potable/fresh water pumps	3.5m3/hr @ 5 bar Execution: Centrifugal	2	Nos	Propulsion Room	88
13	Heat Recovery Circulation Pump	10m3/hr @ 2.5 bar Execution: Centrifugal	2	Nos	Propulsion Room	100
14	Hot water circulation pump	3m3/hr @ 2.5 bar Execution: Centrifugal	2	Nos	Propulsion Room	44
15	Tank Heating circulation pump	5m3/hr @ 2.5 bar Execution: Centrifugal	2	Nos	Propulsion Room	48
16	Sewage discharge pump	8.0 m3/h @ 2.4 bar Execution: Centrifugal	1	Nos	Propulsion Room	83
17	Urea pump	3m3/hr @ 2 bar Execution: Centrifugal	2	Nos	DG Room	50
18	Fixed CO2 fire-fighting system	for Cargo Hold & Engine Room CO2 Cylinders 90 Nos x 55kg and accessories, key box, manual lever box, time delay unit, copper tubes, flexible hoses, valves, instruction chart, beam scale, Nozzles etc.	1	Set	CO2 Room	13770





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18.1	Cylinder Control Cabinet	Cylinder Control Cabinet (inside CO2 Room)	1	Nos	CO2 Room	15
18.2	Valve Control Cabinet DG Room	Cylinder Control Cabinet for DG room activation	1	Nos	CO2 Room	15
18.3	Valve Control Cabinet Cargo Hold	Cylinder Control Cabinet for Cargo hold activation	1	Nos	CO2 Room	15
18.4	Cylinder Control Cabinet	Cylinder Control Cabinet (inside CO2 Room)	1	Nos	SOS Locker	15
18.5	Valve Control Cabinet DG Room	Cylinder Control Cabinet for DG room activation	1	Nos	SOS Locker	15
18.6	Valve Control Cabinet Cargo Hold	Cylinder Control Cabinet for Cargo hold activation	1	Nos	SOS Locker	15
18.7	Smoke Detection Panel	Cargo holds smoke detection panel	1	Nos	CO2 Room	20
18.8	Smoke Extraction Fans	Cargo holds smoke extraction fans 2 nos mounted on a skid	1	Nos	CO2 Room	30
18.9	Smoke Sampling Repeater Panel	Wheel house repeater panel for cargo hold smoke detection	1	Nos	Wheel House	20
18.10	Time Delay Unit		1	Nos	CO2 Room	5
18.11	CO2 Alarm Relay Box	Alarm relay box for CO2 System	1	Nos	CO2 Room	15
19	Expansion Tank for HT System	250L	1	Nos	DG Room	
20	Expansion Tank for LT System	150L	1	Nos	DG Room	
21	Box Coolers	LT: 375kW; 50m3/hr flow rate HT: 640kW; 24.2m3/hr flow rate designed for 3 knots ship speed	2	Nos	Propulsion Room	1124
22	Anchor Winch	Anchor Winch with single gypsy(92kN), rope drum (130kN) and warping head (130kN) - 30kW	2	Nos	Forecastle Deck	4750
23	Mooring Winch	One Rope drum (130kN) & One Warping Head (130kN)	2	Nos	Poop Deck	3150
24	Anchor	HHP Pool TW 2295kg balanced	2	Nos	Forecastle Deck	2295
25	Chain	Chain: Q3; 44mm Dia; 220m L	2	Set	Forecastle Deck	
26	Bitter End Connection	Dog type Cable Clenth End Connection for Chain	2	Nos	FWD Tech Space	89
27	Chain Stoppers	hand-operated chain stoppers for 44mm chain with roller	2	Nos	Forecastle Deck	580





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28	MOB Davit	Sinlge Arm Davit SWL : 1T Hook @ 4.5m	1	Nos	Boat Deck	436.5
29	MOB Boat	Type : Rigid SOLAS certified : Yes Maximum capacity : Six (6) persons Engine : Outboard engine of approx. 15 hp Accessories : Tarpaulin Inventory : In accordance with LSA code.	1	Nos	Boat Deck	2080
30	Free fall life boat	Type : Rigid SOLAS certified : Yes Maximum capacity : 18 persons Engine : Water cooled Diesel Engine Accessories : Tarpaulin Inventory : In accordance with LSA code.	1	Nos	Captains Deck	2705
30.1	Free fall life boat Launching Mechanism	Electro hydraulic 1 HPU Launching Height Certified: 13m	1	Nos	Captains Deck	5479
31	Ejector - Foreship Bilge	25m3/hr @ 1.5 bar	1	Nos	BT Room	25
32	Ejector - DG Cargo	25m3/hr @ 1.5 bar	1	Nos	Cargo Hold	25
33	Ejector - Stripping	25m3/hr @ 1.5 bar	1	Nos	Propulsion Room	25
34	Hydrophore Tank	300L at 5 bar	1	Nos	DG Room	300
35	Hot Water Calorifier	300L at 5 bar 6kW Electric Heater Heat Exchanger for Heat Recovery	1	Nos	DG Room	500
36	Fuel Oil Flow Meter @ DG Lines	0 to 10 lpm screw type flow meter with strainers	2	Nos	DG Room	10
36.1	Fuel Consumption Monitor	Fuel consumption monitor for fuel oil flow meters (A-B)	1	Nos	DG Room & Prop. Room	10
37	Fuel Oil Flow Meter @Bunkering Line	0 to 1750 lpm screw type flow meter with strainers	1	Nos	DG Room	25
37.1	Fuel Consumption Monitor	Fuel consumption monitor for fuel oil flow meters	2	Nos	DG Room & Prop. Room	10
38	Fuel Oil Flow Meter @ Bunkering Lines	0 to 1700 lpm screw type flow meter with strainers	3	Nos	DG Room	20

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39	Fuel Oil Purifier -Self Cleaning	Self Cleaning Type With heater 1000 l/hr	1	Nos	DG Room	800
40	Fuel Oil Purifier - Manual	Manual Cleaning With heater 1000 l/hr	1	Nos	DG Room	700
41	Local Water mist System	Local water mist skid fitted with centrifugal pump (10bar) control panel, fire detection sensors, control panel, solenoid valves etc	1	Nos	DG Room	290
42	Lube Oil Hand Pump for DG	90 lpm at 1.5bar	1	Nos	DG Room	25
42	Lube Oil Hand Pump for Stern Tube	90 lpm at 1.5bar	1	Nos	Propulsion Room	25
44	Lube Oil Hand Pump for Gearbox	90 lpm at 1.5bar	1	Nos	Propulsion Room	25
45	Bilge Hand Pump for CO2 room	90 lpm at 1.5bar	1	Nos	Propulsion Room	25
46	Heat Recovery Heat Exchanger	270kW Shell & tube Heat Exchanger for heat recovery	1	Nos	DG Room	200
47	Tank Heating Heat Exchanger	200kW Shell & tube Heat Exchanger for heat recovery	1	Nos	DG Room	250
48	Oily Water Separator	Capacity : 0.5 m3/h; Alarm functions/setting : 2 – 15 ppm (certified for 15 ppm); Start : Manual; Stop : Automatic.	1	Nos	Propulsion Room	210
49	Dirty oil pump	5.0 m3/h @ 2.0 bar Execution : Positive displacement (Eccentric screw)	1	Nos	Propulsion Room	115
50	FO Transfer Pump	5.0 m3/h @ 1.5 bar Execution : Screw-type	2	Nos	DG Room	46
51	Main Diesel Generator	Engine output: Approx. 468 bkW@ 1800 rpm Starting system : Electrical	4	Nos	DG Room	4889
51.1	SCR Catalyst	Inbuilt Evaporator& SCR	4	Nos	DG Room	105
51.2	Duplex Fuel Filter	Racor Series	4	Nos	DG Room	35
52	Emergency/harbour generator	TBD Radiator Cooled Starting system : Electrical	1	Nos	EDG Room	1740
53	QCV Activation Cabinet	QCV Activation Cabinet for pneumatic quick closing valves	1	Nos	Poop Deck/ SOS Locker	250





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54	Rudder & Steering Gear System		1	Set	St. Gear Room	-
54.1	Rudder Trunk	ST 52.3 Steel	1	Nos	St. Gear Room	1900
54.2	Rudder Blade	Balanced rudder 3.96m x 3.25m	1	Nos	St. Gear Room	5900
54.3	Rudder Stock	ST 52.3 Steel	1	Nos	St. Gear Room	3500
54.4	Rudder Carrier Bearing	ST 52.3 Steel	1	Nos	St. Gear Room	
54.5	Steering Gear Actuators	Tiller Type steel actuators, c/w mounting pad and rod end, self aligning spherical bearings, adjustable Vee-packing etc.	2	Nos	St. Gear Room	1910
54.6	Automatic Greasing Pump		1	Nos	St. Gear Room	17
54.7	Rudder angle feedback unit		1	Nos	St. Gear Room	22.5
#####	Helm Pump assembly		1	Nos	St. Gear Room	25
#####	Header Tank	1.5L	1	Nos	St. Gear Room	5
#####	Steering Gear HPU	2 x 250L 2 x 11kW Electric Motor	1	Nos	St. Gear Room	380
#####	Replenishment Tank	300L	1	Nos	St. Gear Room	163
55	Sewage water treatment unit	Hyd Load: 1.8 m3/day BOD Load: 0.63kg BOD/ day Execution : Biological Stop : Automatic	1	Nos	DG Room	979
56	Diaphragm Pump	Max. 12m3/hr @ 25m Head max.	1	Nos	Propulsion Room	15
57	Air Compressors	18m3/hr @ 10bar	2	Nos	DG Room	205
58	Air Receiver	250 Ltr @ 10bar 500mm Dia x 1565mm L	1	Nos	DG Room	150
59	Air Dryer	Refrigerant Type Dryer Max. Flow @ 45 deg C : 40 m3/hr @ 10bar 230V, 50Hz, 3Ph	1	Nos	DG Room	35
60	Bench Grinder	Double wheeled 8 Inch ; 0.75 HP, 230V; with rotating switch	1	Nos	Workshop	25





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61	Fixed Drilling machine	Drilling diameter: 35mm; Cutting depth: 55mm; Twist Drilling Diameter: 13mm; 1.05kW Portable	1	Nos	Workshop	100
62	Work Bench	1200 x 800 x 1000 MS; Two drawers& two doors for storage of tools	1	Nos	Workshop	200
63	Bench vice	-	1	Nos	Workshop	35
64	High Lockers	900 x 400 x 2400 MS Sheet 1.2mm thick Two rows and tow doors in each row shelves inside the locker for each 400mm	2	Nos	Workshop	60
65	Pressurized Expansion Tank	25L at 4 bar Vertical Mounting Max. Temperature: 71 deg c Process Connection: 1"	1	Nos	DG Room	25
66	Level Gauges	FO Day Tank FO Settling Tank Urea Tank FW Tank (2 Nos) Lube Oil Tanks (3 Nos)	1	Set	DG Room& Prop. Room	-
67	Chockfast	Chockfast for 1. Stern Tube Boss 2. Gear Box 3. Propulsion Motor	1	Set	Propulsion Room	-
68	Tank Heating Heat Exchanger	90kW Electric Heater Shell & Tube type	2	Nos	DG Room	100
69	Accommodation Ladder	Telescopic Electric Motor Operated Stored Length: 7.2m Extended Length: 8.055m Width : 600mm Marine Grade Aluminium	2	Nos	Open Deck	410
70	Mooring Rope Reel	Telescopic Electric Motor Operated Stored Length: 7.2m Extended Length: 8.055m Width : 600mm Marine Grade Aluminium	3	Nos	Open Deck	300
71	Life Raft	Davit Launched / Throw Overboard Type 18 Persons Capacity	2	Nos	Open Deck	180

