

5 YEARS PROJECTIONS OF ITEMS - TO BE INDIGENISED

S1	Items-Equipment/ Systems	Approx. Quantity (Nos/Set)	Specification	Approx. Value(Cr.)	Approx. Quantity procured in last 3 years	Firm's address
	FLOAT					
1	Fire Class doors - A60/A30/A0	40	As per IMO / Class Rules		10	M/s Hockseng marine, Singapore
2	Life Boat	10	As per SOLAS	5 to 7	02	M/s Palfinger Marine, Netherland
3	RAS/FAS Equipment	01	DEF STAN 07- 279 & NATO Std(ATP-16)	3.5	01	M/s AM Defence & Marine UK
4	HP Water mist firefighting system	01	As per SOLAS/ FSS/IMO	2.0	-	-
5	External firefighting system	08	Agni 1 Class	2.0	-	FSS, Netherland
6	Automatic galley wet chemical firefighting system	01	As per SOLAS	0.14	01	M/s Yeoman Marine, Mumbai
7	Flight Deck Safety net hydraulic system	01	Hydraulic remote operated class certified	01	01	M/s Woojung Marine, Korea
8	Stabilized horizon reference system	01	High precision stabilized lighting bar with reference	02	01	M/s Calzoni, Italy

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			side lights with LED panels, Shock proof and IP66 certified, Multisensor self-controlled status monitoring.			
9	Glide slope Indicator system	01	NSQR promulgated by IN	01	01	M/s Calzoni, Italy
10	Chamber Complex (Diving System)	01	IMCA design D04	04 to 06	-	-
11	Air dive system	01	IMCA design standard	01	-	-
12	Hydraulic fittings	01	For 300 bar and above	0.15	-	-
13	Hauling in System for docking vessels in floating dock. Hauling IN/Out)	01	Includes winches to tow in the ship through centrally operated console/ joy stick	08	-	Sormec, Italy

14	Travelling Crane on Floating Dock with SWL of 20T	02	Travelling Crane for loading unloading	12	-	Ramazel , Italy
MOVE (Propulsion, PGD and associated systems)						
15	Propulsion Gear Box	04	5.2 MW	10	01	M/s Wärtsila, France
16	Oily Bilge water separator	05	Plate or coalesce type as per MEPC 107(49) ,	0.3	04	M/s RWO, Germany
17	Incinerator	01	IMO, MEPC 76(40)	0.4	01	M/s Detegasa, Spain

	Items-Equipment/ Systems	Approx. Quantity (Nbs/Set)	Specification	Approx. Value (Cr.)	Approx. Quantity procured in last 3 years	Firm's address
18	Pneumatic controlled Quick closing valves	01	Pneumatic actuated remote controlled valves	0.25	01	M/s L K Valves, Norway
19	Engine FO/LO filter elements	10	2/5/10 micron	0.03	10	M/s Wärtsila, France

20	Hydraulic filter elements	10	2/5/10 micron	0.03	10	M/s Wartsila, France
21	Autopilot	01	IMO Resolutions	0.15	-	M/s Sperry marine,
22	Dynamic Positioning System	01	DP2 as per Class	10	-	-
	FIGHT (Weapon & Sensors)					
23	Ring Laser Gyro	04	Sigma 40	-	04	Sagem, France