

Name of Organisation - Mazagon Dock Shipbuilders Limited

Website Link - www.mazagondock.in

Ministry - Ministry of Defence

Disclaimer: The below information is purely indicative and the Ministry of Defence will not be liable to any potential bidder for any decision taken / not taken on the basis of the projected figures.

Financial Year 2020-21					
	DESCRIPTION	Broad Specification parameters	Qty	Accounting Unit	Estimated value of procurement in INR (Lakhs)
1	Computers	Workstation Specifications: 1. 16 GB RAM 2. Dual Xeon Processor 3. 1 TB HDD 4. Dual Monitor 20 inch	1	Nos	5
		Laptop Specification: 1. 8 GB RAM 2. i5 Processor 3. 500 GB HDD 4. 15.6 inch display	4	Nos	
2	CCTV , Camera , accessories & back up solution	Network Switches for the existing CCTV Network	13	Nos	33.92
3	Biometric readers	Biometric Readers	2	Nos	1.14
	Networking Equipment	Transceivers, Cat 6 cables and Accessories Transceivers Specifications: 1. 1 Gbps Single Mode LH Cat 6 Cables Specifications: 1. Shielded Twisted Pair Accessories: 1. Fiber Patch Cords	1	SET	9.19

4	Video Conference System	Licenses for Video Conferencing Network in LAN Licenses Specifications: 1. Desktop Licenses for Video Conferencing	15	Nos	10
5	Software Licenses	Vmware Vsphere License (1 No), Vmware Workstation Licenses (05 Nos) Adobe Photoshop (1 No) Corel Draw (1 No)	1	SET	25
	Network Monitoring Solution for CCTV Network	Dell Poweredge Server 730 (1 No) Specifications: 1. 32 GB RAM 2. Xeon Processor 3. 7 TB HDD 4. 2U Rack Units Metadata Software (400 Licenses) Specifications: 1. NMS 2. Log Analyser	1	SET	65
6	Networking Equipment	Router (2 Nos), Firewall (2 Nos) and Network Switches (2 Nos) Router Specifications: Cisco Make Firewall Specifications: Stormshield Make Network Switch Specifications Cisco Make	1	SET	30
7	Tourist Submarine	Men (24 passengers + 2 crew) Length overall 12.0 m Width overall 2.4 m Height to deck 2.65 m Draft 2.0 m Displacement 35 tons Max. operating depth 100 m	1	Nos	3000
	Air Boat	Hull Length Tentative 6 mtr Width Tentative 2.5 mtr Speed Min. 25 Knots Seating Capacity 10-12 + 2(Crew) (Optimum space shall be utilized for comfortable seating of Maximum number of passenger) No. of Blades Tentative 3/4	1	Nos	242

8	Solar powered Electric Boat	Type Catamaran Length overall appx. 14.0 m Breadth overall appx. 1.6 m Breadth overall appx. 4.4 m Design Draft max 0.70 m Max Speed 12.0 knots in Deep Sea Water Main engines 2 x 50 kW Electric Inboard Motors Passenger Capacity 10 + 2 crew Propulsion Battery 2 x 88 kWh LiFePo4 battery Material GRP (Hull, Deck, Superstructure)	1	Nos	250
8	Pressure Testing Pump	Hydraulic Test Pump Pneumatically Operated.	3	Nos	0.09
		Self-Priming Close centrifugal Pump with open Impeller.	3	Nos	
9	Hydraulic Flushing Station	PORTABLE HYDRAULIC FLUSHING STATION	1	Nos	0.75
	Cu- Ni Passivation Station	PASSIVE STATION FOR Cu-Ni CIRCUIT (PIPELINE) Scope of Work and Scope of Supply	1	Nos	0.7
10	CNC Milling Machine	Overall Dimension (L X W X H) = 2350x2580x2340mm, Net Weight = 6000Kg	1	Nos	45
	Portable Vacuum Pump	Vacuum Pump 1.High Pressure Vaccum Pump 2.Capacity :1400 to 1600 LPM 3.Electrical Motor :5 HP 4.Oil Charge capacity:24-30 lit. 5.No of Stage : Diuble 6.Accessories : i)Non Return Valve ii)Vacuum Gauge with regulator	2	Nos	1.2

11	Grinding Machines	FREE SPEED = 10,000/- RPM MINIMUM WHEEL CAPACITY = 125 MM (OR 5 INCH) x 6.4MM x 22.2MM DEPRESSED CENTRE DISC TYPE AIR CONSUMPTION LOAD = 1 M3/ MIN. OR 35CFM APPROX. AND POWER SHOULD BE 1 HP MIN WEIGHT = 2.5 KG MAX. HOSE INLET = ½ INCH BSP SPINDLE THREAD = M14 x 2 OR 5/8"-11 AIR EXHAUST = SIDE EXHAUST DEFLECTABLE OR REAR EXHAUST	1	Nos	3
12	Power Distribution Boards	440Volt, 3 Phase	1	Set	63
13	Hot blower Gun and vacuum cleaner	Hot blower Gun: I/P voltage:220V, Temp:50-630degree, Air Flow: 3 step	4	Nos	3.15
		Vaccume Cleaner: 220Volt, Air Volume 3-5 m3/min	4	Nos	
14	Changeover panel for shore supply.	400 AMP change over switch of SEC and rectifier during battary embarkation	1	SET	2.65
15	Supply , Installation, testing & Comissioning of pump for dewatering	Vertical Dewatering Pump, Capacity 210m3/hr.	1	Nos	5.35
16	Roof Extractor, fresh air fans & associated equipment & accessories	fresh air fans:440Volts , 3 Phase	21	Nos	15
17	Occupancy sensors & Airco saver	PIR Occupancy Switch- (Dual output HVAC and Lamp)	40	Nos	15.53
18	Painting Equipment and Accessories	Hand held paint sprayer make : GRACO or Equivalent Card less Handheld Airless sprayer max tip size : 0.016 inchMax working pressure (psi) 2000 Min working pressure 500 Psi Power source : battery power,Includes : RAC FF LP 210 , Spray Tip , 60 Mesh filter	3	Nos	2
19	NRV for Dry Dock Pump	Flap type , check Valve, Dia 500mm, Hydratest 32 Kg/cm2	2	Nos	40
20	Replacement of Air Dryers on Buyback Basis	Absorption Type Dryer , CFM:1200, Pressure:8 Bar , Input temp:55degree, Dew Point= -40degree	1	Nos	97.95

22	AUTOMATION SYSTEM FOR WATER MANAGEMENT AT M.D.L EAST YARD	Instalaltion of 10 HP PUMS -10 Nos 10.0 H.P.,12.5,7.7HP 2900 RPM, 3 PH.,415V, 65 X 65 MM SIZE, KIRLOSKAR 6 SET GLAND PACK MONOBLOCK PUMPSET IN STD. C/I. CONSTN.HEAD : 28 TO 52 MTRS. DISCHARGE : 12.5 TO 6.0 L.P. 2) Control panel with HMI and PLC -- 1 set 3)Level sensors with trasmitors.-- 15 Nos 4) Pneumatic VALVES -- 10 nOS	1	Set	60
23	Material handling equipments	Articulated Battery Operated Forklift, Capacity 02 Ton, Forklift Height 9M	1	Nos	28
24	Centralised A/C	Industrial Centralised A/C	1	Nos	38
25	File compactor system-Filing cabinet	File compactor system-Filing cabinet, for officers and Sta	6	Nos	4
26	Battery Operated Electric Stacker	Battery Operated Electric Stacker, Capacity 02 Ton, Forklift Height 6M	3	Nos	6
27	Storage racks for Stores Complex and Cradle Assembly Shop	A type of Racking System MMP Gr Flr	6	Nos	40
28	Productivity improvements tools	Hot Air Gun Input Voltage :220V,Power output: 1400W, emperature Range: 50-660 degree centigrade,Airflow rate: 250-500 L/min,Weight: 0.5 to 2.0 KgWith LCD/LED Display,Temperature setting,	10	Nos	9
		Hydraulic Torque Wrench Torque range: 1300 to 1350 Nm,Max Length: 100 - 110 mm,Width: 25-30 mm,Height: 80-090 mm	2	Nos	
		Hydrauli Jack Capacity: 10 Ton	2	Nos	
29	Portable / Hand tools/equipments/accessories	Source Calibrator Source DC voltage: 0 to 30 V,Accuracy :0.02% Source DC Current: 4 to 20 mA,Accuracy :0.025% ,Resistance: 0 to 400 ohm	1	Nos	20
		Decade Resistance Box Decade ranges 1ohm / 10 ohm/ 100 ohm/ 1 Kohm/ 10 Kohm/ 100 Kohm/ 1 M ohm/ 10 Mohm/ 100 Mohm Zero resistance less than 60 mohm, accurace: 0.2%	1	Nos	

		Current Generator Current preset selectable 10%, 50%, 100%,Current ranges: 1A, 5A, 10 A,Indicator accuracy 0.2%,Power source: 80-260 VAC	1	Nos	
		Magnetic Drill Machine Motor O/P: 1000 W,Stroke: 39 mm,Magnet size: 80 x160x 36.5 mm,Spped range 400/min,core drill short 30 mm: 12-35 mm	1	Nos	
30	Measuring Instruments / accessories	Megger	10	Nos	17
		Multimeter	5	Nos	
		Clamp on meter	5	Nos	
		Micro ohm meter	3	Nos	
31	Office furniture and ammenities	Storage Cupboards having 4 partitions	6	Nos	2
32	Air Conditioner	Split AC with 2 Ton capacity	4	Nos	2
33	Electrical testing bench for Workshop	Volume: ESD work station containing 19" instrument rack mounted on top of table incleding electrical connections at multiple points. Work station includes measuring instruments like multimeter and clamp on meter etc., soldering station & portable DC & AC power supplies. DC: 24 V & AC: 115 V, 60 Hz, Single phase.	2	Nos	10
34	Office Furniture and ammenities (A/c, File compactor system, chairs,water filters , Filing Cabinets)	Air conditioners, File compactor system, chairs,water filters , Filing Cabinetsetc			15
				Total	4217.62

Financial Year 2021-22					
Sr.No.	Description of Item	Broad Specification parameters	Qty	Accounting Unit	
1	Autonomous Underwater Vehicle (AUV)	Capable of mine counter measures, sea floor survey etc	1	Nos	750
2	Replacement of Capston	Control Panel replacement , 10T to 20T	2	Nos	90
3	Replacement of Transformers	11 kVA / 440Volt, 1600 KVA	3	Nos	52
4	Material handling equipments	Articulated Battery Operated Forklift, Capacity 02 Ton, Forklift Height 9M	1	No	28
5	Storage racks for Stores Complex and Cradle Assembly Shop	A type of Racking System MMP I Flr	2	Nos	12
6	Equipment , machinaries and Other Office equipments for Stores	Battery Operated Electric Stacker, Capacity 02 Ton, Forklift Height 6M	1	No	6

				Total	938
Financial Year 2022-23					
Sr.No.	Description of Item	Broad Specification parameters	Qty	Accounting Unit	Estimated value of procurement in INR (Lakhs)
1	Replacement of Transformers	11 kVA / 440Volt, 1600 KVA	2	Nos	43
				Total	43
Financial Year 2023-24					
Sr.No.	Description of Item	Broad Specification parameters	Qty	Accounting Unit	
	NIL				
Financial Year 2024-25					
Sr.No.	Description of Item	Broad Specification parameters	Qty	Accounting Unit	
	NIL				