

LOTUS 1

(TUG/UTILITY VESSEL)

Official No - 2800



MAT MARINE SERVICES PVT.LTD

H.O: # FLAT NO.G4, ABHI RESIDENCY,
PLOT NO.48, PRASHANTH NAGAR, KOTHAGUDA,
KONDAPUR, HYDERABAD-500084.

B.O: # 16-23-67/1A, PLOT NO.19,
SRI GIRINDRA ENCLAVE, 2ND FLOOR, ROAD NO.3
PALLAMRAJU NAGAR, KAKINADA-533001
E.G.Dist, ANDHRA PRADESH.

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1	Ship's Name	:	LOTUS-1
2	FLAG	:	INDIAN.
3	Official No	:	2800
4	Signal Letters	:	VWVU
5	Port of Registry	:	MUMBAI
6	Type of vessel	:	TUG
7	Registration	:	Under MS Act 1958, Class - XII
8	Classification	:	IRS
9	Vessel Plying Limits	:	Indian Coastal
10	Constructing Yard	:	Gogha Shipyard,Bhavnagar.

MAIN PARTICULARS

11	Year of built	:	1999
12	Length overall	:	19.12 Mtrs
13	Breadth (MLD)	:	6.00 Mtrs
14	Depth (MLD)	:	3.00 Mtrs
15	Draft	:	2.30 Mtrs
16	GRT	:	79 T
17	NRT	:	24 T
18	Clear cargo Area	:	31.5 M ² (Length - 7 Mtrs X Width – 4.5 Mtrs)
19	Cargo carrying capacity	:	10 Tons
20	Fuel oil tank capacity	:	18 KL
21	Fresh Water tank capacity	:	18 MT
22	Endurance	:	20 days
23	Maximum speed	:	08 Knots.
24	Propulsion	:	Twin screw, Conventional fixed pitch with Kort nozzles
25	Steering	:	Hand operated electro hydraulic steering with Joy stick Control and Helm pump emergency wheel from Bridge
26	Accommodation	:	Sleeping Bunks – 14 no.s & A 6 persons seating capacity cabin with air conditioner and television.

COMMUNICATION & NAVIGATION For Indian Coastal operation		
28	Magnetic Compass	: ABKAMP-1057
29	Echo Sounder	: FURUNO – FE 700
30	Navtex Receiver	: SAMYUNG SNX-300
31	MF/HF	: SAMYUNG SRG150DN
32	AIS (Automatic Identification System)	: COMAR CMB-200
33	Others	: As per MS (Distress and Safety Radio Communication) Rules, 1995
Life Saving Appliances		
34	Life Rafts	: 2Nos X 12 Persons Capacity
35	Internal communication	: Covered in all machinery room and Operating room.
36	Others	: As per MS (Life Saving Appliances) Rules, 1991
FIRE CONTROL SYSTEM		
37	Accommodation Areas & All doors	: Covered with Fire retardant panels
38	Fire Pumps	: 1 No Engine Driven & 2 Nos Electrical driven
39	Others	: As per MS (Fire Appliances) Rules, 1990.
MACHINERIES		
40	MAIN ENGINE MAKE & MODEL	: Kirloskar Cummins NT743-M
41	NUMBER OF ENGINES	: 2 nos X 235 BHP @ 1800 RPM
42	GEAR BOX	: ZF –ITEALY
43	NUMBER OF MAIN GENERATORS	: 1 X 62.5 KVA and 1 X 10 KVA
44	Air-condition System	: Split type – Individual
45	Electrical Panel Boards	: Electricals panels with safety cut-off
46	Anchors	: 2 x 185 Kg Each