

मास्टर लेजर/MASTER LEDGER

क्रमसं ख्या/ Sr.No	नाम /Name Tadri Lighthouse	विवरण/Description	
1	ए.एल.ओ.एल/A.L.O.L.	F 0638	
2	स्थान/Position	Lat. 14 ⁰ 30.8'N Long. 74 ⁰ 20.5'E	
3	उंचाई/Elevation	38m	
4	अभिलक्षण/Characteristic	fl (3)W 20 Sec.	
5	नॉटिकलमाइलमेदूरी Range in miles	Luminous:18NM Geographical:19NM	
6	दीपस्तंभटावर/L.H.Tower	Type	Hexagonal Masonry Tower
		Height	10 m
		Colour Scheme	Black and White bands (2 Black + 1 White)
7	ऑप्टिकलउपकरण Optical equipment	Optic	Revolving beacon
		Make	Wealth Marine Pvt. Ltd., Singapore
		Type	WM – RB 500 Marine Rotating Beacon
		Size	6 clear “Bulls Eye” Acrylic lense panels equally spaced at 60 (Hexagonal)
		No. of lens	3/6
		Area of dioptric portion	---
		Area of catadioptric portion	
		Divergence Main/Emergency	Horizontal - 1.5 ⁰ , Vertical 2.42 ⁰
		Duration of Flash Main /Standby/Emergency	0.1 sec
		Pedestal	GI Rectangular pedestal, locally fabricated for WM RB 500 equipment.
		Rotation Device	2 Nos. Stepper Motors.
		R.P.M.	3
		illuminating	
		Main	70W/230V
		Standby	--
		Emergency:	---

		Date of Installation	17.05.2002						
8	प्रभावीबीमतीव्रता/ Effective beam intensity	Main & Standby	70408 cd						
		Emergency	---						
9	लैंटर्न/ Lantern	Diameter	2.4 mtr. Dia Galvanized iron						
		Height of glazing	24 Nos. glazing panes and						
		No. of panes	6						
		Ventilators	11 Nos. hit and miss ventilators provided.						
10	RACON		Sr. No		6295				
	Make	Model	Code		Band		Date of Installation		
	-NA-								
11	NAIS -----								
	Base Station								
	Model	Type	Power		MMSI				
	-NA-	-	-		-				
	Communication Equipment								
	VSAT Antenna	Band	Modem						
	2.4m dia Parabolic reflector	EX-C	Datum system M7LT Satellite Terminal						
	DGPS								
	Transmitter Make	Frequency	Power Output	RS 1 ID	RS -II ID	Beacon ID	Date of commissioning	Date of Recapitalization	
	---	-	-	-	-	-	-	-	
	-----	-	-	-	-	-	-	-	
12	ऊर्जाकिसाधन/ Source of energy	Mains			HESCOM				
		Standby							
		Engine 1							
		Make/Type	Qty	Rating	No of Cylinder	RPM	Cooling		
		honda	1		1	1500	Air		
		Alternator							
		Make/Type	Qty	Rating	Voltage/Am p	Frequency	Phase		
		honda	1	2100va	230v	50hz	1ph		
		Engine 2							
		Make/Type	Qty	Rating	No of Cylinder	RPM	Cooling		
		Alternator							
Make/Type	Qty	Rating	Voltage/Am p	Frequency	Phase				

	Solar Plant								
	Capacity PV	Numbers		Type	Battery	Bank			
	920Watt	300 Watt-02 Nos 320 watt- 01 No		Monocrystalline	03 bank 12v/500AH	03			
	Solar Plant for Automation								
	Capacity PV	Numbers		Type	Battery	Bank			
	480 Watt	06 Nos			06 nos	03 bank			
13	स्वचालितवोल्टेजस्टेबलाइजर Automatic Voltage Stabilizers								
	Make	Model	Capacity	Input	Output	Phase	Qty		

14	बैटरी Batteries								
	Equipment	Type	Make	Volt	Amp/Hr	Qty			
	PSS NAIS	---							
	Genset	----							
	Automation	SMF	Exide	12v	100AH	6	Already mentioned in point 12		
	DGPS	-----							
15	बैटरीचार्जर/ Battery charger								
	Equipment	Make	Model	Type	Rating	Qty			
	General Purpose	--							
	Automation	--							
16	इंवर्टर/Inverter /UPS								
	Equipment	Nos	Make	Model	Type	Rating	Qty	input	output
	Main Light	2	exide	Exide 650 DSP	UPS	650 VA	2	12VDC	230V AC
	NAIS PSS		----						
	DGPS	---	---						
17	स्वचलनउपकरण Automation Equipment								
	MAKE	PLC	HMI	Power Supply	VSAT	Modem	Band		
	NELCO	Telemecanique		12VDC			x		
18	आग्निशमनउपकरण			Type of Extinguisher	Capacity	Nos	Make		

	Fire Fighting Equipment	DCP Type(u/s)			
		DCP Type(u/s)			
		Foam Type	9L	1 no.	
		Water Type(u/s)			
		DCP Type	3.2kg	1no.	
		Sand bucket		2	
		Water bucket		2	
19	संचार Communication	---			
20	जलपूर्ति Water Supply	Open well with electric water pump			
21	भूमि Land	Area	LH & PH - 1059 Sq.mt., Qtrs. – 2190 Sq.mt.		
		Demarcation	Laterite masonry compound wall		
22	इमारतें Buildings	Staff qtrs premises One unit of Gr.D Qtrs. One unit of Inspection Qtrs. One unit of Navigational Assistant qtrs	Lighthouse qtrs premises. One unit power house.		
23	कंपाउंडलाइट Compound Lights	11 Nos. Street light 2 Nos. Gate Light			
24	सीसीटीवीकमेरा CCTV CAMERA	Camera			
		DVR			
25	स्टाफ Staff	Sl. No	Designations		
		1	Nav. Asst. Gr-II 1 No.		
26	पहुँचनेकामाध्यम Mode of approach	By rail upto Gokarna road and then 10kms.by bus upto staff quarters			
27	उपलब्धसुविधाए Facilities available	Marine Police Station	6km		
		Dispensary	6km		
		High School	6km		
		Post office	6km		
28	डाकपता Postal address	Station-in-Charge Tadri Lighthouse, Vill- Beliken, post- Tadri,Gokarna, District Uttara Kannada, Karnataka 581326			
29	मूल्यकाब्योरा Cost details (At the time of Construction)	i) Construction	:	Rs.46,42,600/-	
		ii)Equipment	:	Rs.28,83,850/-	
30	प्रवर्तनमेलानेकादेनांक Date of commissioning	1942			