

मास्टर लेजर/ MASTER LEDGER

क्रमसंख्या/ Sr. No	नाम /Name	विवरण/Description
1.	ए.एल.ओ.एल/A.L.O.L.	0384
2.	स्थान/Position	Lat 22° 26.3' N Long 69° 35.2' E
3.	ऊंचाई/Elevation	27 Meter
4.	अभिलक्षण/Characteristic	Fl (3W) in 15Sec (0.75 + 2.25)2 + 0.75 + 8.25 = 15Sec
5.	नॉटिकल माइल मे दूरी Range in miles	a) Luminous : 12 NM at T=0.74 b) Geographical:13NM
6.	Visibility sector	360°
7.	दीपस्तंभ टावर/L.H.Tower	a) Type: White round stone tower b) Height: 20 Meter c) Colour Scheme: White
8.	ऑप्टिकल उपकरण Optical Equipment	Marine LED Lantern a) Make: NavAids Pvt Ltd, Delhi b) Model: NE-9A is a Three-Tier Lantern c) Colour filter if any: N/A d) Type of flasher: High Intensity LED Lantern, NE-9 e) Duration of flash: 0.75 Second
9.	सौर पैनल/Solar Panel	01 nos. 125W Solar panels, make - LOOM Solar installed on old solar panel frame for charging main light battery through NavAid Energy, DTLM12/2420LI-A MPPT charge controller installed on 17.09.2021
10	बैटरी/Battery	SMF 12V100/AH 2Nos ,make :HBL , Model: Optimuz installed on 17.09.2021
11.	Charge controller	MPPT Charge controller DTLM12/2420LI-A, Make: NavAids Pvt Ltd, Delhi installed on 17.09.2021
A) Electrical Parameter of Light:		
	a) Operating Voltage: 12 DC	
	b) Range-11-14 NM @ 0.74	
	c) Lamp Source – High Power LED	
	d) Power- 15W	
	e) LED Life- up to 100000	
	f) Horizontal Divergence -360*	
	g) Vertical Divergence -8*	

	h) Sun Switch- Provided	
	i) Flasher- Programmable 256 Flash Character as per IALA Standard	
	j) Color- White	
B) Mechanical Parameter of Lantern:		
	Body- Aluminum Alloy Cast Body LM6 Marine Grade	
	Lens Type/Dome- UV Stabilized Polycarbonate	
	Weight- 10Kg approx.	
	Mounting-4/3 x 200mm PCD With M12 IP66/67/68 Standard	
12.	Pedestal	RCC Column over which 500MM
13.	ILLUMINANT	High Intensity LEDs
14.	MAX. Beam Intensity (cd)	10,000Candela
15.	Energy Source	Solar Power Light
16.	Fire Fighting Equipment	Not provided
17.	Communication	By sea from Salaya
18.	Water Supply	Not Provided
19.	LAND a) Demarcation: Located at Gulf of Kutch, near Salaya village.	(On Small Island off Salaya)
20.	Buildings	3 roomed AC sheet roofing.
21.	Whether attended or unattended	unattended
22.	Mode of approach	By sea
23.	Facility available	Nil
24.	Postal address	Directorate of Lighthouse & C/o. Mandvi lighthouse & RCS P.O Mandvi, Dist: Kutch
25.	Year of commissioning	1970, 17.09.2021 for New Light