

मास्टर लेजर/MASTER LEDGER

लिटिल अंडमान दीपस्तंभ/ LITTLE ANDAMAN LIGHTHOUSE

क्रमसंख्या/ Sr.No	नाम /Name	विवरण/Discription	
1	ए.एल.ओ.एल/A.L.O.L.	F 1214	
2	स्थान/Position	Lat.10° 30.93' N , long 92° 30.05' E	
3	ऊंचाई/Elevation	50 M (Above MSL)	
4	अभिलक्षण/Characteristic	fl (1) W 10 sec	
5	नॉटिकलमाइलमेदूरी Range in miles	20 NM	
6	दीपस्तंभटावर/L.H.Tower	Type	Circular RCC Concrete tower
		Height	46 M
		Colour Scheme	Blak and White Band
7	ऑप्टिकलउपकरण Optical equipment	Optic	VRB-25 LED
		Make	Vega
		Type	Rotating Beacon
		Size	-
		No. of lens	-
		Area of dioptric portion	-
		Area of catadioptric portion	-
		Divergence Main/Emergency	1.5° (Horizontal) 1.5° (Vertical)
		Duration of Flash Main /Standby/Emergency	0.25 Sec
		Pedestal	
		Rotation Device	Motor drive- 3Ph, electronically commuted 30 pole direct drive
		R.P.M.	
		illuminating	i) Electronic Flasher MF-12 (256 programmable character ii) High intensity LED diodes 6Watts
		Main	
		Standby	Marine Flashing Lantern MBL 160 Make:MSM Lens dia 140mm.
		Emergency:	
		Date of Installation	2017
8	प्रभावीबीमतीव्रता/Effective beam intensity	Main	1500 cds
		Emergency	
9	लैंटर्न/Lantern	Diameter	
		Height of glazing	
		No. of panes	

			Ventilators							
10	RACON									
	Make	Model	Code		Band	Date of Installation				
11	NAIS									
	Base Station		2 Nos-AIS1 & AIS2							
	Model	Type	Power		MMSI					
	R40	Class A	AC-230V & DC-12V		4198004					
	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 Recapitulation		
12	ऊर्जाकेसाधन/ <i>Source of energy</i>		Mains							
			Standby		DG Set 15 KVA make Kirloskar					
			Engine 1							
			Make/Type	Qty	Rating	No of Cylinder	RPM	Cooling		
			Kirloskar	1	20 BHP	2	1500	Air		
			Alternator							
			Make/Type	Qty	Rating	Voltage/Amp	Frequency	Phase		
			Kirloskar	1	15 KVA	240V	50Hz	Single		
			Solar Plant-1							
			Capacity PV	Numbers	Type	Battery	Bank			
			4.5 KWp	16 Nos,300 Watt	Mono Crystalline	48 Nos 2V/600AH	01 No.			
			Solar Plant -2							
Capacity PV	Numbers	Type	Battery	Bank						
1.8 KWp	06 Nos,300 watt	Mono Crystalline	36 Nos 2V/600AH	01 No.						
Solar Plant for Main Light and Standby Light										
Capacity PV	Numbers	Type	Battery	Bank						
70 W/12V	04 No.	TBP 1275	04 Nos 12V/100AH	01 No.						
13	स्वचालितवोल्टेजस्टेबलाइजर <i>Automatic Voltage Stabilizers</i>									
	Make	Model	Capacity	Input	Output	Phase	Qty			

	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
14	बैटरी Batteries							
	Equipment	Type	Make	Volt	Amp/Hr	Qty		
	PSS NAIS	-	-	-	-	-		
	Genset	Lead acid	Exide	12V	150 AH	1		
	Automation	SMF	Exide	12V	100 AH	6		
	DGPS							
15	बैटरीचार्जर/ Battery charger							
	Equipment	Make	Model	Type	Rating	Qty		
	General Purpose							
	Automation							
16	इंवर्टरInverter /UPS							
	Equipment	Nos	Make	Model	Type	Rating	Qty	input output
	Main Light	---	---	---	---	---	---	---
	NAIS PSS	02	APC	---	Pure sine wave	1 KVA	2	12V DC & 230 AC 230VAC
	DGPS	NA						
17	स्वचलनउपकरण Automation Equipment							
	MAKE	PLC	HMI	Power Supply	VSAT	Modem	Band	
	NELCO	Schneider & Telemecanique	Schneider	24 V DC	1.8m dia Parabolic reflector	SkyEdge	EX.C	
18	आग्निशमनउपकरण Fire Fighting Equipment			Type of Extinguisher	Capacity	Nos	Make	
19	संचार Communication			Not Available				
20	जलपूर्ति Water Supply			02 Nos. open ring wells				
21	भूमि Land			Area		7 hectares		
				Demarcation		Compound Wall		
22	इमारतें			RCC Structure		One unit of office, store and power house, one unit of		

	Buildings		Inspection Quarters, twin unit of Navigational Assistant Qtrs.
23	कंपाउंडलाइट Compound Lights	Solar Street LED Light fitted on G.I Pole-11 Nos	
24	सीसीटीवीकमेरा CCTV CAMERA	Camera	04 Nos
		DVR	01 Nos
25	स्टाफ Staff	Sl. No	Designations
		1	Navigational Assistant Gr-III
26	पहुँचनेकामाध्यम Mode of approach	Travel by sea upto Hutbay Jetty, then from Jetty to Nallah by normal road 6 Km, further proceed by Katcha Road (8 Km) upto Lighthouse	
27	उपलब्धसुविधाए Facilities available	The nearest Post office, Hospital, High School and Police Station are available at Hutbay 14 Km from Lighthouse.	
28	डाकपता Postal address	C/o The Station Incharge Little Andaman Lighthouse, Hut Bay -744 207.	
29	मूल्यकाब्योरा Cost details (At the time of Construction)	N/A	
30	प्रवर्तनमेलानेकादेनांक Date of commissioning	09.06.1986	