

मास्टर लेजर MASTER LEDGER

ओलाकुडा दीपस्तंभ/Olakuda Lighthouse

क्रम संख्या/ Sr.No	नाम /Name	विवरण/Description	
1	ए.एल.ओ.एल/A.L.O.L.	F 0906	
2	स्थान/Position	Lat. 09° 19.056' N, Long. 079° 19.84' E	
3	ऊँचाई/Elevation	18.5 M (Above MSL)	
4	अभिलक्षण/Characteristic	Group Flash (2) White every 20 Seconds (0.75+2.0+0.75+16.5)	
5	नॉटिकलमाइलमेदूरी Range in miles	Luminous Range – 15 NM Geographical Range – 12.7 NM	
6	दीपस्तंभटावर/L.H.Tower	Type	C.C Block Masonry Rectangular Tower
		Height	15 M
		Colour Scheme	Red and White Spiral Bands
7	ऑप्टिकलउपकरण Optical equipment	Optic	
		Make	Make: LMV Spain, Model: BDL 250.
		Type	LED FLASHER
		Size	2 Tier Arrangement
		No. of lens	---
		Area of dioptric portion	
		Area of catadioptric portion	
		Divergence Main/Emergency	N/A (Horizontal) 4° (Vertical)
		Duration of Flash Main /Standby/Emergency	0.75 Sec
		Pedestal	N/A
		Rotation Device	N/A
		R.P.M.	N/A
		Illuminant	
		Main	LED FLASHER (2 Tier Illuminant)
		Standby	---
		Emergency:	---
		Date of Installation	28-07-2017 (Present Illuminant)
8	प्रभावीबीमतीव्रता/Effective beam intensity	Main	5900 cds
		Emergency	
9	लैंटर्न/Lantern	Diameter	---
		Height of glazing	---
		No. of panes	---
		Ventilators	---
10	RACON	Sr. No	N/A

	Make	Model	Code		Band		Date of Installation		
11	NAIS								
	Base Station		N/A						
	Model	Type	Power		MMSI				
		N/A	N/A		N/A				
	Communication Equipment								
		Band	Modem						
		N/A	N/A						
	DGPS								
	Transmitter Make	Frequency	Power Output	RS 1 ID	RS -II ID	Beacon ID	Date of commissioning	Date of Re capitalization	
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
12	ऊर्जाकिसाधन Source of energy	Main Supply			TNEB Electric Main Supply 3 Ø 440 v,50Hz				
Stand By			Solar Power 150 W/24 V × 3 Panels						
Power Source			---						
Solar Plant (Off Grid)									
Capacity PV		Number of Solar Panels	Type	Battery	Bank				
1.5 KWp		260W/24 V - 7 Nos.	Mono-Crystalline	2 V/600 AH – 12 Nos.	24 V / 600 AH				
13	स्वचालितवोल्टेजस्टेबलाइजर Automatic Voltage Stabilizers								
	Make	Model	Capacity	Input	Output	Phase	Qty		
	SOUNDRY POWER SYSTEMS	GLOBUS-170 V-270 V	5 KVA	170 V-270 V	230 V	Single	1 No.		
14	बैटरि / Batteries								
	Equipment	Type	Make	Volt	Amp. Hr.	Qty	Remarks		
	Main Light	Tubular Lead acid	Exide	2 V	600 AH	12 Nos.	Main Light run on 24 Volt DC Supply		
15	बैटरिचार्जर/ Battery charger								
	Equipment	Make	Model	Type	Rating	Qty			
	General Purpose	Velsine	---	---	80 Amps / 0 – 40 V	1 No.			
	Automation/Street Light	AE Make	---	----	40 Amps / 0 – 40 V	1 No.			
16	इंवर्टरInverter /UPS								
	Equipment	Nos	Make	Model	Type	Rating	Qty	input	Out put

	Main Light	---	---	---	---	---	---	---	---
17	स्वचलनउपकरण Automation Equipment								
	MAKE	PLC	HMI	Power Supply	VSAT		Modem	Band	
	RDS	Allen-Bradley	Renu Electronics	230 V AC	1.25 m dia Parabolic reflector		Huges	EX. C	
18	आग्निशमनउपकरण Fire Fighting Equipment			Type of Extinguisher	Capacity	Nos	Make		
				DCP Type	5 kg	1	Bharat		
				CO ₂	4.5 Kg	1	Excellent		
				Foam Type	9 Ltr	1	Bharat		
19	संचार Communication			N/A					
20	जलपूर्ति / Water Supply			Rain water Harvesting Plant fitted with 1 HP water pump – 1 No.					
21	भूमि Land			Area		0.525 hectare			
				Demarcation		Masonry Brick wall			
22	इमारतें Buildings			Power House, one unit of IQ and Store Room – 1 No. LHA Quarters – 1 No.					
23	कंपाउंडलाइट Compound Lights			Solar Powered LED Street Lights – 1 No. LED Street Lights – 5 Nos.					
24	सीसीटीवीकमेरा CCTV CAMERA			Camera		05 Nos.			
				DVR		1 No.			
25	स्टाफ Staff			Sl. No	Designations				
				1	Light House Attendant				
26	पहुँचनेकामाध्यम Mode of approach			By rail up to Rameswaram and then by road for 9 Kms up to Lighthouse.					
27	उपलब्धसुविधाएँ Facilities available			Post Office, Dispensary, High School, Police Station all are within 9 Kms.					
28	डाकपताPostal address			Olakuda Lighthouse, Olakuda Village, Ramanathapuram District, Tamil Nadu State Pin: 623 526.					
29	मूल्यकाब्योराCost details (At the time of Construction)			₹ 31 Lakhs					
30	प्रवर्तनमेलानेकादेनांक Date of commissioning			09.10.2005					