

## मास्टर लेजर/MASTER LEDGER

क्रमसं ख्या/ Sr.No	नाम /Name	विवरण /Description	
1	ए. एल. ओ. एल / A.L .O.L.	F-0689	
2	स्थान/Position	Lat: 11° 09.5' N Long: 75° 48.5' E	
3	ऊंचाई/Elevation	32M (Above MSL)	
4	अभिलक्षण/Charact eristic	Flash (2) White-15 Seconds	
5	नॉटिकल माइल मे दूरी Range in miles	24.0 Nm	
6	दीपस्तंभ टावर/L.H.Tower	Type	Hexagonal RCC
		Height	30M
		Colour Scheme	Red and White Band
7	ऑप्टिकल उपकरण Optical equipment	Optic	Revolving Beacon
		Make	J Stone, India
		Type	
		Size	300mm / 4 <sup>th</sup> Order Large
		No. of lens	4
		Area of dioptric portion	----Sq. cm
		Area of catadioptric portion	----Sq. cm
		Divergence Main/Emergency	7.6° (Horizontal) 3.8° (Vertical)
		Duration of Flash Main /Standby/Emergency	0.48+3.27+0.48+10.77 Sec
		Pedestal	Ball bearing type
		Rotation Device	Dual Stepper motor(20 Kg/cm)
		R.P.M.	2
		Illumining	----
		Main	A cluster of three 230V/150W Double ended Metal Halide Lamps
Standby	NA		
Emergency:	NA		
Date of Installation	22.07.2001		
8	प्रभावी बीम तीव्रता/Effective beam intensity	Main	11,64,442 Candelas
		Emergency	

9	लैंटर्न/ <i>Lantern</i>	Diameter		2.4 m			
		Height of glazing		1.380 m			
		No. of panes		12 Nos			
		Ventilators		8 Nos			
10	RACON	Sr. No		6185			
	Make	Model	Code	Band	Date of Installation		
	Tideland, USA	Sea Beacon-2	G	X+S	25.07.2004		
11	NAIS						
	Base Station	2 Nos-AIS1 & AIS2					
	Model	Type	Power	MMSI			
	SAAB R40	Class A & B	AC-230V & DC-24V	-			
	Communication Equipment						
	VSAT Antenna	Band	Modem				
	Make: Prodelin 2.4m dia Parabolic Reflector	EX-C	Hughes HT2300				
12	ऊर्जा के साधन/ <i>Source of energy</i>	Mains		440V, 3Phase, 50 Hz., A/C Supply			
		Power Source		DG Set 7.5KVA Make			
		Engine 1					
		Make/Type	Qty	Rating	No of Cylinder	RPM	Cooling
		Kirloskar Green/ EA16	1	16 HP	3	1500	Air
		Alternator					
		Make/Type	Qty	Rating	Voltage/Amp	Frequency	Phase
		Kirloskar	1	7.5 KVA	240V	50Hz	Single
		Solar Plant for Main Light					
Capacity PV	Numbers	Type	Battery	Bank			
5KW On Grid	(250W HHV Make – 20 Nos.)	Mono Crystalline	24 Nos 2V/200AH	01 No.			
13	स्वचालित वोल्टेज स्टेबलाइजर/ <i>Automatic Voltage Stabilizers</i>						
	Make	Model	Capacity	Input	Output	Phase Qty	
	Associate Engineer	-	7.5KVA	160-260V	230-235V	Single 1 No.	
14	बैटरी / <i>Batteries</i>						
	Equipment	Type	Make	Volt	Amp/Hr	Qty	
	Main Lamp-1	Tubular	HBL	12V	150AH	1 No	
	Main Lamp-2	Tubular	HBL	12V	150AH	1 No	
	Main Lamp-3	Tubular	HBL	12V	150AH	1 No	
	NAIS	Tubular	HBL	12V	150AH	2 Nos	
	RACON	SMF	HBL	12V	100AH	1 No	

	Stepper Motor	Tubular	HBL	12V	150AH	1 No	
	DG-7.5KVA	LA	Exide	12V	100AH	1 No	
15	बैटरी चार्जर/ Battery charger						
	Equipment	Make	Model	Type	Rating	Qty	
	General Purpose for A.M.F. Panel	Little Savage	-	12 V	16 Amps	1 No.	
16	इंवर्टर/Inverter /UPS						
	Equipment	Make	Model	Type	Rating	Qty	Input
	Main Lamp -1	Su-Kam	SHINY 900	Pure sine wave	900 VA	4	170-230V
	Main Lamp -2	Su-Kam	SRC 1 KI- IN	Pure sine wave	1 KVA	2	170-230V
	Main Lamp -3	Su-Kam	PRO 1000	Pure sine wave	1 KVA	1	170-230V
	NAIS	Microtek					100-300V
							200-230 V
17	स्वचलन उपकरण/ Automation Equipment						
	MAKE	PLC	HMI	Power Supply	VSAT	Modem	Band
	NELCO	Allen Bradley Micro Logix 1400	Renu Electronics Pvt. Ltd.	24 V DC	1.2m dia Parabolic Reflector	Hughes HN700 0S	EX.C
18	आग्नि शमन उपकरण Fire Fighting Equipment	Type of Extinguisher			Capacity	Nos	Make
		Fire Extinguisher			1 Kg/2 Kg	1 No +2 No	Firex/Ande x
		Fire Extinguisher			4 Kg	2 Nos.	Flam eblitz z
		Fire Extinguisher			4.5Kg	2 Nos.	Avon
		Water/ Sand Buckets (with stand)			-	2+2 Nos.	-
19	संचार <b>Communication</b>	Not Available					
20	जल पूर्ति <b>Water Supply</b>	Kerala Water Authority – 2 connections, 01 No. Open Well with potable water.					
21	भूमि <b>Land</b>	Area				0.8028 Hectare	
		Demarcation				Masonry Compound Wall	
22	इमारतें <b>Buildings</b>	08 Nos				Power House with office, Store (2 Nos.), Recreation room,	

			NA-I, NA-II(2 Nos.),LHA (2 Nos.), IQ, Pump House
23	कंपाउंड लाइट <b>Compound Lights</b>	07 No. With GI pole	
24	सीसीटीवी कमेरा CCTV CAMERA	Camera	
		N/A	
25	स्टाफ <b>Staff</b>	Sl. No	Designations
		1	Navigational Assistant Grade –III
26	पहुँचने का माध्यम <b>Mode of approach</b>	Nearest town Kozhikode is 17km away and nearest railway station Feroke is 05km away	
27	उपलब्ध सुविधाएँ <b>Facilities available</b>	Beyepore Police station is 11 Km and coastal station is nearby Primary health centre Chaliyam is 2km away Chaliyam Post office 1.5km from Lighthouse.	
28	डाक पता <b>Postal address</b>	Head Light Keeper, Beyepore Lighthouse, Chaliyam P.O Kozhikode Dist. Kerala-673301	
29	मूल्य का ब्योरा <b>Cost details</b> (At the time of Construction)	N/A	
30	प्रवर्तन में लाने का दिनांक <b>Date of commissioning</b>	21.11.1977	