

मास्टर लेजर/MASER LEDGER

क्रमसं ख्या/ Sr.No	नाम /Name	विवरण /Description			
1	ए. एल. ओ. एल/A.L.O.L.	0693			
2	स्थान/Position	Lat.10° 33.10' N , long 76° 01.13' E			
3	ऊंचाई/Elevation	33.28M (Above MSL)			
4	अभिलक्षण/Characteristic	Fl (2) W 20 sec (fl0.46+2.2+0.46+16.88sec)			
5	नॉटिकल माइल मे दूरी Range in miles	19NM			
6	दीपस्तंभ टावर/L.H.Tower	Type	Circular tower on RCC Base		
		Height	33.28M		
		Colour Scheme	Red and White Band		
7	ऑप्टिकल उपकरण Optical equipment	Optic			
		Make	M/s AGA		
		Type	AGA Revolving Beacon		
		Size	250mm		
		No. of lens	2		
		Area of dioptric portion			
		Area of catadioptric portion			
		Divergence Main/Emergency	07°38'24" (Horizontal) 11°27'14" (Vertical)		
		Duration of Flash Main /Standby/Emergency	20 Sec		
		Pedestal	Ball bearing		
		Rotation Device	Dual Stepper motor (20kg/cm2)		
		R.P.M.	3/2		
		Illumining	Metal Halide lamp		
		Main	Cluster of 3 Nos. 150V/230V		
Standby					
Emergency:					
Date of Installation	03-04-2006				
8	प्रभावी बीम तीव्रता/Effective beam intensity	Main	74000 candelas		
		Emergency			
9	लैंटर्न/Lantern	Diameter	2.4m		
		Height of glazing	1.38 m		
		No. of panes	12		
		Ventilators	06		
10	RACON		Sr. No		
	Make	Model	Code	Band	Date of Installation
11	NAIS - NA				
12		Mains	KSEB		

	ऊर्जा के साधन/ Source of energy		Power Source			Kirlosker Green 7.5 KVA				
			Engine 1							
			Make/Type		Qty	Rating	No of Cylinder	RPM	Cooling	
			Kirlosker Green		1	16 HP	2	1500	Air	
			Alternator							
			Make/Type		Qty	Rating	Voltage/Amp	Frequency	Phase	
Kirlosker		1	7.5 KVA	230V	50Hz	Single				
13	स्वचालित वोल्टेज स्टेबलाइजर Automatic Voltage Stabilizers									
	Make		Model	Capacity	Input	Output	Phase	Qty		
	A E Ltd. Bombay		N/A	5 KVA	150-250V	230	1	1		
14	Battery									
	1	Main Lamp-1		1 No	Tabular	Amarone Quanta	12V	150AH		
	2	Main Lamp-2		1 No	Tabular	Amarone Quanta	12V	150AH		
	3	Main Lamp-3		1 No	Tabular	Amarone Quanta	12V	150AH		
	4	Stepper Motor		1 No	Tabular	Amarone Quanta	12V	150AH		
	5	DG-7.5KVA		1 No	Tabular	TATA GREEN	12V	95AH		
15	बैटरी चार्जर/ Battery charger									
	Equipment		Make	Model	Type	Rating	Qty			
	General Purpose		APLAB				01			
16	इंवर्टर/ Inverter /UPS									
	Equipment	Nos	Make	Model	Type	Rating	Qty	input	Output	
	Main Light-1	---	Su-Kam	---	Sinwave	900VA	01	170-230V	230V	
	Main Light-2	---	Su-Kam	---	Sinwave	900VA	01	170-230V	230V	
	Main Light-3	---	Su-Kam	---	Sinwave	900VA	01	170-230V	230V	
	Stepper Motor	---	Su-Kam	---	Sinwave	900VA	01	170-230V	230V	
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 HN7000 S	EX.C			
18	आग्नि शमन उपकरण Fire Fighting Equipment			Type of Extinguisher		Capacity	Nos	Make		
				DCP Type		6 kg	3			
				Foam		9 Ltr	2			
				Dry Powder		9 Ltr	3			

19	संचार Communication	0487-2532232 (BSNL)	
20	जलपूर्ति Water Supply	KWA	
21	भूमि Land	Area -0.3606 Hectare	
		Masonry Compund Wal	
22	इमारतें Buildings	RCC Structure: 07 Nos	
23	कंपाउंड लाइट Compound Lights	LED Light fitted on G.I Pole- 07 Nos	
24	सीसीटीवी कमेरा CCTV CAMERA	N/A	CP Plus -04 Nos
		N/A	01 Nos
25	स्टाफ Staff	Sl. No	Designations
		1	Shri N Babu NA-II
		2	Shri Aditya Sharma NA-II
		3	Shri R Vijayan LHA
26	पहुँच ने का माध्यम Mode of approach	By rail up to Guruvayoor & by road 8 Km by Bus 5 Km from Chavakkad	
27	उपलब्ध सुविधाएँ Facilities available	Police station, Post Office, Hospital and High School, all are within 5 Km from Lighthouse.	
28	डाक पता Postal address	The Head Light Keeper, Chetwai Lighthouse, P.O.- Madu, Ormanayur(via), Dist. Trichur, Kerala. Pin- 680512	
29	मूल्य का ब्योरा Cost details (At the time of Construction)	N/A	
30	प्रवर्तन में लाने का देनांक Date of commissioning	29.09.1986	