

# मास्टर लेजर/ MASTER LEDGER

क्रमसं ख्या/ Sr.No	नाम /Name	विवरण /Description			
1	ए. एल. ओ. एल / <b>A.L.O.L.</b>	F -0672			
2	स्थान/ <b>Position</b>	Lat.11° 51'5" N , long 75° 21'4" E			
3	ऊँचाई/ <b>Elevation</b>	35M ( MSL)			
4	अभिलक्षण/ <b>Characteristic</b>	Flash (1) W 10 sec (2.04+7.94)			
5	नॉटिकल माइल मे दूरी <b>Range in miles</b>	18.80NM			
6	दीपस्तंभ टावर/ <b>L.H.Tower</b>	Type	Circular tower on RCC Base		
		Height	23M		
		Colour Scheme	Red and White Band		
7	ऑप्टिकल उपकरण <b>Optical equipment</b>	Optic			
		Make	BBT,France		
		Type			
		Size	187.5mm/5 <sup>th</sup> order		
		No. of lens	4		
		Area of dioptric portion	1256 cm <sup>2</sup>		
		Area of catadioptric portion	----		
		Divergence Main/Emergency	12 ° 13'03" (Horizontal) 18°19'35" (Vertical)		
		Duration of Flash Main /Standby/Emergency	2.04 Sec		
		Pedestal	Ball bearing		
		Rotation Device	Stepper motor		
		R.P.M.	1.5		
		Illumining	Metal Halide Lamp		
		Main	Cluster of 3 Nos150W/230V		
		Standby	--		
Emergency:	-				
Date of Installation	20.08.2005				
8	प्रभावी बीम तीव्रता/ <b>Effective beam intensity</b>	Main	69750cds		
		Emergency			
9	लैंटर्न/ <b>Lantern</b>	Diameter	2.4 m		
		Height of glazing	1.4m		
		No. of panes	12 Nos		
		Ventilators	5 Nos		
10	<b>RACON</b>	Nil		NIL	
	<b>Make</b>	<b>Model</b>	<b>Code</b>	<b>Band</b>	<b>Date of Installation</b>
	Nil	Nil	Nil	Nil	Nil
11	<b>NAIS</b>				
	<b>Base Station</b>	Nil			

	<b>Model</b>	<b>Type</b>	<b>Power</b>		<b>MMSI</b>			
	Nil	Nil	Nil		Nil			
	<b>Communication Equipment</b>							
	<b>VSAT Antenna</b>	<b>Band</b>	<b>Modem</b>					
	Nil	Nil	Nil					
		<b>Make</b>	<b>Particulars</b>		Quantity			
12	<b>Musical Fountain System</b>	M/s Chammachel water fountain & Aquarium	Fountain system comprising system control panels, Fountain Nozziles, 10 HP motors-3 Nos		1 Set			
13	ऊर्जा के साधन/ <b>Source of energy</b>	Mains		Local mains 440 V,3 phase,50 HZ AC supply				
		Power Source		DG Set 7.5 KVA make Kirloskar DG Set 30 KVA make Kirloskar(Museum and Musical fountain)				
		<b>Engine 1 ( 7.5 KVA)</b>						
		<b>Make/Type</b>	<b>Qty</b>	<b>Rating</b>	<b>No of Cylinder</b>	<b>RPM</b>	<b>Cooling</b>	
		Kirloskar	1	EA16	3	1500	Air	
		<b>Alternator</b>						
		<b>Make/Type</b>	<b>Qty</b>	<b>Rating</b>	<b>Voltage/Amp</b>	<b>Frequency</b>	<b>Phase</b>	
		Kirloskar	1	7.5 KVA	240V/30A	50Hz	Single	
		<b>Engine 2</b>						
		<b>Make/Type</b>	<b>Qty</b>	<b>Rating</b>	<b>No of Cylinder</b>	<b>RPM</b>	<b>Cooling</b>	
		Kirloskar	1	HA494	3	1500	Air	
		<b>Alternator</b>						
		<b>Make/Type</b>	<b>Qty</b>	<b>Rating</b>	<b>Voltage</b>	<b>Frequency</b>	<b>Phase</b>	
Kirloskar	1	30 KVA	415 V	50Hz	Three phase			
		<b>Solar System</b>						
		<b>Type</b>	<b>Make</b>	<b>Rating</b>	<b>No of panels</b>	<b>Date of Installation</b>		
		Solar panel Monocrystalline	HHV	260Watts	8 Nos	14.02.2017		
		<b>Make/Type</b>						
		<b>Make/Type</b>	<b>Qty</b>	<b>No. of Battery bank</b>	<b>Rating/Voltage</b>	<b>Solar Inverter Make</b>		
Amaraja LMLA	24 each	2 Nos	2V /200AH	Luminous power				
14	स्वचालित वोल्टेज स्टेबलाइजर <b>Automatic Voltage Stabilizers</b>							
	<b>Make</b>	<b>Model</b>	<b>Capacity</b>	<b>Input</b>	<b>Output</b>	<b>Phase</b>	<b>Qty</b>	
	Automatic Electric LTD	---	7.5 KVA	160-270V	230+- 2.5%V	Single	1	
15	<b>बैटरी Batteries</b>							
	<b>Equipment</b>	<b>Type</b>	<b>Make</b>	<b>Volt</b>	<b>Amp/Hr</b>	<b>Qty</b>		
	----	-	-	-	-	-		
	<b>Genset</b>	Lead acid	Exide	12V	100AH	2		
	<b>Automation</b>	SMF	Exide	12V	12 AH	1		

16	बैटरी चार्जर/ Battery charger								
	Equipment	Make	Volts	Capacity	Qty				
	General Purpose								
		Dimmer Stat Type	0-24V	25Amps	01				
17	इंवर्टर Inverter /UPS								
	Equipment	Nos	Make	Model	Type	Rating	Qty	input	Output
	Main Light	3	Su-kam	900VA	Pure sine wave	1KVA	3	12V DC & 230 AC	170-260V AC
	Stepper motor	01	Su-kam	900VA	Pure sine wave	1 KVA	1	12V DC & 230 AC	230VAC
18	स्वचलन उपकरण Automation Equipment								
	MAKE	PLC	HMI	Power Supply	VSAT	Modem	Band		
		Allen Bradley	Renu Electronics Pvt.Ltd	24 V DC	1.2m dia Parabolic reflector	Hughes			
19	आग्नि शमन उपकरण Fire Fighting Equipment			Type of Extinguisher	Capacity	Nos	Make		
				DCP Type	4Kg/6 kg	6 Nos			
				Foam Type	9 Ltr	5 Nos			
				Smoke dectector	--	8 Nos			
20	संचार <i>Communication</i>			0497-2707838					
21	जल पूर्ति <i>Water Supply</i>			Water supply available- Cantonment Board Open Well Provided in the Lighthouse compound					
22	भूमि <i>Land</i>			Area	0.833468 hectre				
				Demarcation Masonry compound wall					
23	इमारतें <i>Buildings</i>			RCC Structure:	Power House-with Office-1No Musuem Bulding- 1 No				
					N.A- I Quarter-1 No N.A -II Quarter-2Nos L.H.A- Quarter -2 Nos Inspection Quarter-1 No				
24	कंपाउंड लाइट <i>Compound Lights</i>			LED Light fitted on G.I Pole-7 Nos					
25	सीसीटीवी कमेरा CCTV CAMERA			Camera (Lighthouse)	Alhua-07Nos				
				DVR	01 Nos				
				Camera (Museum)	HIK Vision -5 Nos				
				DVR	No				
26	स्टाफ <i>Staff</i>			Sl. No	Designations				
				1	Navigational Assistant -I -1No				
				2	Navigational Assistant -II-1 No				
27	पहुँचने का माध्यम <i>Mode of approach</i>			By Rail up to Kannur railway station then 3 Km by road upto Lighthouse.					

28	उपलब्ध सुविधाए <b>Facilities available</b>	Kannur citypolice station 5 Km from Lighthouse and District Hospital 3 Km from Lighthouse. Post office at burnassery 1 Km from Lighthouse
29	डाक पता <b>Postal address</b>	Navigational Assistant Gr-I Kannur Lighthouse Burnacherry Post ,Near guest house Kannur-670013 Kerala
30	मूल्यका ब्योरा <b>Cost details</b> (At the time of Construction)	<b>2,32,000/-</b>
31	प्रवर्तन मे लाने का देनांक <b>Date of commissioning</b>	<b>25.07.1976</b>