

क्रमसं ख्या/ Sr.No	नाम /Name	विवरण/Description	
1	ए.एल.ओ.एल/A.L.O.L.	F -0672	
2	स्थान/Position	Lat.11° 51'5' N , long 75° 21'4' E	
3	ऊंचाई/Elevation	35M ( MSL)	
4	अभिलक्षण/Characteristic	Flash (1) W 10 sec (2.04+7.94)	
5	नॉटिकल माइल मे दूरी Range in miles	18.80NM	
6	दीपस्तंभ टावर/L.H.Tower	Type	Circular tower on RCC Base
		Height	23M
		Colour Scheme	Red and White Band
7	ऑप्टिकल उपकरण Optical equipment	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	12 ° 13'03'' (Horizontal)
		Main/Emergency	18°19'35'' (Vertical)
		Duration of Flash	2.04 Sec
		Main /Standby/Emergency	
		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	RACON		Nil	NIL	
	Make	Model	Code	Band	Date of Installation
	Nil	Nil	Nil	Nil	Nil
11	NAIS				
	Base Station		Nil		
	Model	Type	Power	MMSI	
	Nil	Nil	Nil	Nil	
	Communication Equipment				
	VSAT Antenna	Band	Modem		
	Nil	Nil	Nil		
		Make	Particulars	Quantity	
12	Musical Fountain System	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(Musuem 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>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	
<b>14</b>	<b>स्वचालित वोल्टेज स्टेबलाइजर Automatic Voltage Stabilizers</b>						

	Make	Model	Capacity	Input	Output	Phase	Qty		
	Automatic Electric LTD	---	7.5 KVA	160-270V	230+- 2.5%V	Single	1		
<b>15</b>	<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			
<b>16</b>	<b>बैटरी चार्जर/ Battery charger</b>								
	Equipment	Make	Volts	Capacity	Qty				
	General Purpose								
		Dimmer Stat Type	0-24V	25Amps	01				
<b>17</b>	<b>इंवर्टर Inverter /UPS</b>								
	<b>Equipmen t</b>	<b>Nos</b>	<b>Make</b>	<b>Model</b>	<b>Type</b>	<b>Rating</b>	<b>Qty</b>	<b>input</b>	<b>Output</b>
	<b>Main Light</b>	<b>3</b>	Su-kam	900VA	Pure sine wave	1KVA	3	12V DC & 230 AC	170-260V AC
	<b>Stepper motor</b>	<b>01</b>	Su-kam	900VA	Pure sine wave	1 KVA	1	12V DC & 230 AC	230VAC
<b>18</b>	<b>स्वचलन उपकरण Automation Equipment</b>								
	MAKE	PLC	HMI	Power Supply	VSAT	Modem	Band		
		Allen Bradley	Renu Electronics Pvt.Ltd	24 V DC	1.2m dia Parabolic reflector	Hughes			
<b>19</b>	<b>आग्नि शमन उपकरण</b>			Type of Extinguisher	Capacity	Nos	Make		
	Fire Fighting Equipment			DCP Type	4Kg/6 kg	6 Nos			
				Foam Type	9 Ltr	5 Nos			

		Smoke dectector	--	8 Nos	
20	संचार <b>Communication</b>	0497-2707838			
21	जल पूर्ति <b>Water Supply</b>	Water supply available- Cantonment Board Open Well Provided in the Lighthouse compound			
22	भूमि <b>Land</b>	Area	0.833468 hectre		
		Demarcation Masonry compound wall			
23	इमारतें <b>Buildings</b>	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 <b>Compound Lights</b>	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 <b>Staff</b>	Sl. No	Designations		
		1	Navigational Assistant -I -1No		
		2	Navigational Assistant -II-1 No		
27	पहुँचने का माध्यम <b>Mode of approach</b>	By Rail up to Kannur railway station then 3 Km by road upto Lighthouse.			

28	उपलब्ध सुविधाएँ <b>Facilities available</b>	Kannur city police 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)	2,32,000/-
31	प्रवर्तन मे लाने का देनांक <b>Date of commissioning</b>	25.07.1976