

मास्टर लेजर/MASTER LEDGER

कुथनकुली दीपस्तंभ/Kuthenkuli Lighthouse

क्रम संख्या/ Sr.No	नाम /Name	विवरण/Discription	
1	ए.एल.ओ.एल/A.L.O.L.	F 0728	
2	स्थान/Position	Lat .08° 13.39' N , long 77° 46.98' E	
3	ऊंचाई/Elevation	51M (Above MSL)	
4	अभिलक्षण/Characteristic	Fl (3) W 20 sec (fl 1.5) (1.5+2+1.5+2+1.5+11.5=20Sec)	
5	नॉटिकलमाइलमेदूरी Range in miles	20NM	
6	दीपस्तंभटावर/L.H.Tower	Type	RCC Circular Structure
		Height	45 M
		Colour Scheme	Red and Yellow Chequered Band
7	ऑप्टिकलउपकरण Optical equipment	Optic	6th Order
		Make	Aga
		Type	
		Size	150mm
		No. of lens	6 Panels
		Area of dioptic portion	
		Area of catadioptric portion	
		Divergence Main/Emergency	7.6° (Horizontal) 7.6° (Vertical)
		Duration of Flash Main /Standby/Emergency	
		Pedestal	-
		Rotation Device	20KG Stepper motor with Drive Controller
		R.P.M.	1.5
		iIlumining	
		Main	90W LED Main Light (12X5 Array) Warm White Colour
		Standby	-
		Emergency:	-
		Date of Installation	29-10-2020
8	प्रभावीबीमतीव्रता/Effective beam intensity	Main	124937 candela
		Emergency	-
9	लैंटर्न/Lantern	Diameter	2.0 m
		Height of glazing	0.85 m
		No. of panes	12 No's
		Ventilators	6 No's
10	ऊर्जाकेसाधन/Source of energy	Mains	Tamilnadu Electricity Board
		Power Source	3 phase /440V AC supply 10KW
		Engine 1	3 Phase Generator

		Make/Type	Qty	Rating	No of Cylinder	RPM	Cooling		
		Kirloskar	1	32 BHP	3	1500	Air		
		Alternator							
		Make/Type	Qty	Rating	Voltage/Amp	Frequency	Phase		
		Kirloskar	1	20 KVA	415V/27.8A	50Hz	Three		
		Capacity PV	Numbers	Type	Battery	Bank			
		2 KW	6 No's	Goldi solar make	8 No's 12 V/ 200 AH	01 No.			
		Solar Plant for Street light							
		Capacity PV	Numbers	Type	Battery	Bank			
		2 KW	06 No's	Goldi solar make	08 No's 12V/200AH	01 No.			
11	स्वचालितवोल्टेजस्टेबलाइजर Automatic Voltage Stabilizers								
	Make	Model	Capacity	Input	Output	Phase	Qty		
	Globus	Servo controlled	5 KVA	170-270 V	230 V	1 phase	4 No		
12	बैटरी Batteries								
	Equipment	Type	Make	Volt	Amp/ Hr	Qty			
	Genset	Lead acid	KOEL	12V	75AH	1			
13	इंवर्टरInverter /UPS								
	Equipment	Nos	Make	Model	Type	Rating	Qty	input	output
	Main Light	1 No	Powerone Micro Systems	---	-	5K VA	1No	96 VDC / 230 VAC	230VAC
	Street Light	1 No	Powerone Micro Systems	--	-	5K VA	1No	96 VDC / 230 VAC	230VAC
	Spare	1No	Powerone Micro Systems	--	-	5K VA	1No	96 VDC / 230 VAC	230VAC
14	आग्निशमनउपकरण Fire Fighting Equipment			Type of Extinguisher	Capacity	Nos	Make		
				DCP Type	6 kg	4	Res Guardo		
				Co2	2 Kg, 9Kg	4, 1	Res Guardo		
				Foam Type	--	--	--		
15	संचार Communication			BSNL telephone			04637-293290		
16	जलपूर्ति Water Supply			Panchayat water supply & Local Purchase of Water Load from Private Firm					
17	भूमि Land			Area					
				Demarcation					
18	इमारतें Buildings			04 Nos			(i)Tower- 1 No		

			(ii)Power House-cum Office room - with 2 No's of Duty staff rooms- (in PH building) (iii)Pump house – 2 No's (iv)Inspection quarters- 1 No
19	कंपाउंडलाइट Compound Lights		LED Light fitted on G.I Pole-02 Nos Garden light-1 No Gate light- 2 Nos
20	स्टाफ Staff	Sl. No	Designations
		1	Navigational Assistant Gr-II – 2 No's
		2	Outsorced staff (Security)- 1 No Outsorced staff (Housekeeping)- 1 No
21	पहुँचनेकामाध्यम Mode of approach	Nearby Railway station is Kanyakumari, Nearest airport is Trivandrum International airport & domestic Tuticorin airport, From Kanyakumari to Kuthenkuli by road about 35 KM From Tirunelveli to Kuthenkuli by road about 83 KM	
22	उपलब्धसुविधाए Facilities available	The nearest Post office and Dispensary at Idinthakarai and Police Station are available at Koodankulam.	
23	डाकपता Postal address	The Navigational Assistant Gr-I Kuthenkuli Lighthouse Ideinthakarai post Radahapuram Taluk Tirunelveli District Tamilnadu-627104	
24	मूल्यकाब्योरा Cost details (At the time of Construction)	--	
25	प्रवर्तनमेलानेकादेनांक Date of commissioning	29 th October 2020	