

मास्टर लेजर/ MASTER LEDGER

कासरगोड दीपस्तंभ/ KASARGOD LIGHTHOUSE

क्रमसं ख्या/ Sr.No	नाम /Name	विवरण/Description	
1	ए. एल. ओ. एल./A.L.O.L.	F 0668.5	
2	स्थान/Position	Lat.12° 30.32' N, long 74°58.39' E	
3	ऊंचाई/Elevation	38.5M (Above MSL)	
4	अभिलक्षण/Characteristic	Fl (3) W 20 sec	
5	नॉटिकल माइल मे दूरी Range in miles	20NM	
6	दीपस्तंभ टावर/L.H.Tower	Type	Octagonal Concrete Tower
		Height	30M
		Colour Scheme	Blackand White Band
7	ऑप्टिकल उपकरण Optical equipment	Optic	Revolving Beacon
		Make	M/s Tideland
		Type	TRB 220
		Size	110mm
		No. of lens	3
		Area of dioptric portion	-
		Area of catadioptric portion	-
		Divergence Main/Emergency	2.4° (Horizontal) 2.16° (Vertical)
		Duration of Flash Main /Standby/Emergency	-
		Pedestal	Locally fabricated by using GI angle
		Rotation Device	Brushless DC motor (gear less direct drive)
		R.P.M.	3
		Illumining	
		Main	230V/70W Metal Halide Lamp
		Standby	-
Emergency:	-		
Date of Installation	23.03.2009		
8	प्रभावी बीम तीव्रता/Effective beam intensity	Main	86455cds
		Emergency	-
9	लैंटर्न/Lantern	Diameter	3 m
		Height of glazing	2m
		No. of panes	12
		Ventilators	8
10	RACON	NA	
11	NAIS		

	Base Station		2 Nos-AIS1 & AIS2						
	Model	Type	Power			MMSI			
	R40	Class A	AC-230V			004192240			
	Communication Equipment								
	VSAT Antenna	Band	Modem						
	BSNL Leased line	C	Telllabs						
	DGPS	NA							
12	ऊर्जा के साधन/ Source of energy		Mains			KSEB 3Phase 440V			
			Power Source			DG Set 7.5 KVA make Kirloskar Green			
			Engine 1						
			Make/Type	Qty	Rating	No of Cylinder	RPM	Cooling	
			Kirloskar Green	1	16 BHP	2	1500	Air	
			Alternator						
			Make/Type	Qty	Rating	Voltage/Amp	Frequency	Phase	
			Kirloskar	1	7.5 KVA	240V/31.25A	50Hz	Single	
			Solar Plant						
Capacity PV		Numbers		Type	Battery	Bank			
15KWp		50Nos		Polycry staline	NIL				
13	स्वचालित वोल्टेज स्टेबलाइजर Automatic Voltage Stabilizers								
	Make	Model	Capacity	Input	Output	Phase	Qty		
	Automatic Electric limited	KY415C	7.5KVA	160-270	230 +/- 2.5%	1	1		
14	बैटरी Batteries								
	Equipment	Type	Make	Volt	Amp/Hr	Qty			
	PSS NAIS	Tubular	Amron	12	150	2			
	Genset	Lead acid	Sf Sonic	12V	100	1			
	Automation	Smf	Exide(Chlorid e)	12V	7AH	2			
	MAIN LIGHT	Tubular	Amron	12	150 AH	1			
	OPTIC ROTATION	Tubular	Amron	12	150AH	1			
15	बैटरी चार्जर/ Battery charger								
	Equipment	Make	Model	Type	Rating	Qty			
	General Purpose	LOCAL MAKE		Dimmer stat	0-18V	1			
	Automation	-	-	-	-	-			
16	इंवर्टर Inverter /UPS								
	Equipment	Nos	Make	Model	Type	Rating	Qty	input	Output
	Main Light	1	sukam	Shiney	sinewave	900VA	1	170-230V	230V
	NAIS PSS	1	EXIDE	Gqp 850	Pure sinewave	850VA	1	170-230V	230V
17	स्वचलन उपकरण Automation Equipment								
	MAKE	PLC	HMI	Power Supply	VSAT	Modem	Band		
	RDS	Allen Bradley	Renu Electronics Pvt.Ltd	24V DC	1.2m	Hughes	C		
18	आग्नि शमन उपकरण			Type of Extinguisher		Capacity	Nos	Make	
				DCP Type		1 kg	1		

	Fire Fighting Equipment		2 kg 4 kg	4 2	
		Co2	4.5Ltr	2	
		Foam Type	9 Ltr	3	
19	संचार Communication	BSNL Telephone line			04994 230911
20	जल पूर्ति Water Supply	i) Municipal water available ii) Open well available			
21	भूमि Land	Area			0.3296 hectre
		Demarcation			Compound wall
22	इमारतें Buildings कंपाउंड लाइट Compound Lights	RCC Structure: 07 Nos			Power House-cum office, IQ, NAI Quarter, NA2 Quarter 2Nos, LHA Twin Quater
23	सीसीटीवी कमेरा CCTV CAMERA	LED Light fitted on G.I Pole-9 Nos			
24	स्टाफ Staff	Camera			NA
		DVR			NA
25	पहुँचने का माध्यम Mode of approach उपलब्ध सुविधाएँ Facilities available	Sl. No	Designations		
		1	Navigational Assistant Grade I: 1 no		
		2	Navigational Assistant Grade III: out sourced		
		3	LHA		
26	डाक पता Postal address	Kasaragod Railway station – 4KM Ksrtc bus stand – 2KM			
27	मूल्य का ब्योरा Cost details (At the time of Construction)	Police station Kasaragod - 2KM Govt. General Hospital Kasaragod – 3KM Head post Office Kasaragod – 3KM			
28	प्रवर्तन मे लाने का देनांक Date of commissioning	Navigational Assistant, Kasaragod lighthouse, Kasaragod P.O Kerala 671121			
29	मूल्यकाब्योरा Cost details (At the time of Construction)	N/A			
30	प्रवर्तनमे लाने का देनांक Date of commissioning	15.09.1984			