

मास्टर लेजर/MASTER LEDGER

क्रमसं ख्या/ Sr.No	नाम /Name	विवरण /Description			
1	ए. एल. ओ. एल / A.L.O.L.	F-0755			
2	स्थान/ Position	Lat.10° 48.8' N , long 73° 42.1' E			
3	ऊंचाई/ Elevation	43.7MAbove MSL			
4	अभिलक्षण/ Characteristic	Fl (2) W 10 sec			
5	नॉटिकल माइल मेदूरी Range in miles	28NM			
6	दीपस्तंभ टावर/ L.H.Tower	Type	Square Masonry Tower		
		Height	43.7M		
		Colour Scheme	Black and White Band		
7	ऑप्टिकल उपकरण Optical equipment	Optic	BGA 850 HI/8		
		Make	LMV		
		Type	rotating light beacon		
		Size	500 mm		
		No. of lens	04		
		Area of dioptric portion			
		Area of catadioptric portion			
		Divergence Main/Emergency	360 mm focal distance acrylic modded lens, 720 mm high		
		Duration of Flash Main /Standby/Emergency			
		Pedestal	Rotating Light Beacon is fitted on top of the pedestal stand		
		Rotation Device	02 nos MGM ,150 Electronic gearless & brushless motor		
		R.P.M.			
		Illumining Main	BGA – 850H-1/8(LMV) 35W/230V Metal Halide Lamp		
		Standby Emergency:			
		Date of Installation	18-11-2013		
8	प्रभावी बीम तीव्रता/ Effective beam intensity	Main	20000 cds		
		Emergency			
9	लैंटर्न/ Lantern	Diameter	2.4m		
		Height of glazing	1.386m (width - 60cm botton side and 67cm top side)		
		No. of panes	12		
		Ventilators	06		
10	RACON		Sr. No	II-X-201607-02	
	Make	Model	Code	Band	Date of Installation
	Pharos	PMAPI	D	X	08.12.2016
11	NAIS				

	Base Station	2 Nos-AIS1 & AIS2							
	Model	Type	Power	MMSI					
	R40	Class A	AC-230V & DC-12V						
	Communication Equipment								
	VSAT Antenna	Band	Modem						
	2.4m dia Parabolic Reflector	EX-C	Datum system M7LT Satellite Terminal						
12	ऊर्जा के साधन/ <i>Source of energy</i>	Mains		440v, 3phase, 50Hz(Electricity Supply)					
		Power Source		DG Set 7.5KVA,make:Kirlosker					
		Engine 1							
		Make/Type	Qty	Rating	No of Cylinder	RPM	Cooling		
		Kirlosker	1	16 BHP	2	1500	Air		
		Alternator							
		Make/Type	Qty	Rating	Voltage/Amp	Frequency	Phase		
		Kirlosker	1	7.5KVA	240V/31.25A	50Hz	Single		
		Solar Plant for Main RACON							
Capacity PV	Numbers	Type	Battery	Bank					
70 W/12V	01 No.		01 Nos 12V/100AH	01 No.					
13	स्वचालित वोल्टेज स्टेबलाइजर Automatic Voltage Stabilizers								
	Make	Model	Capacity	Input	Output	Phase Qty			
	Supra	SSH	05 KVA			Single 01			
14	बैटरी/ Batteries								
	Equipment	Type	Make	Volt	Amp/Hr	Qty			
	Main Light	Solar Gel	Exide	12 v	150 AH	02 Nos			
	PSS NAIS	Solar Gel	Exide	12 v	150 AH	02 Nos			
	Genset	Lead acid	SF sonic	12V	100 AH	01 No			
	Automation	SMF	Exide	12V	42 AH	02 Nos			
	RACON	Solar Gel	Exide	12 v	100 AH	01 no			
15	बैटरी चार्जर/ Battery charger								
	Equipment	Make	Model	Type	Rating	Qty			
	General Purpose	ELNIX	Delta		10A	01			
	Automation	NHP	---	----		01			
16	इंवर्टर Inverter /UPS								
	Equipment	Nos	Make	Model	Type	Rating	Qty	input	Output
	Main Light	01	Su- Kam	Shiny	Pure sine wave	900VA	01	12V DC &230 AC	230 AC
	NAIS PSS	02	Su- Kam	Shiny	Pure sine wave	1.5 VA	01	12V DC &230 AC	230 AC
	DGPS			----	-	-	-	-	-
17	स्वचलन उपकरण Automation Equipment								
MAKE	PLC	HMI	Power Supply	VSAT	Modem	Band			
			230v AC	1.8m dia					

				Parabolic		
18	आग्नि शमन उपकरण Fire Fighting Equipment	Type of Extinguisher	Capacity	Nos	Make	
		MAP (90,02kg)	02 kg	02	FlameBiltzz	
		MAP (90,04kg)	02kg	02	FlameBiltzz	
		AFFF (09 L)	09 L	02	FlameBiltzz	
		CO2	4.5 Kg	03	FlameBiltzz	
19	संचार Communication	Telephone with internet broad band connection				
20	जलपूर्ति Water Supply	01 No well				
21	भूमि Land	Area		2980 Sqm		
		Demarcation				
22	इमारतें Buildings	RCC Structure: 01 Nos		Tower with office room		
		Timber Construction above plinth level		A little away from the lighthouse compound is a single building containing IQ, store and safaiwala quarter		
23	कंपाउंड लाइट Compound Lights	LED Light fitted on G.I Pole- 01 no				
24	सीसीटीवी कमेरा CCTV CAMERA	Camera				
25	स्टाफ Staff	Sl. No	Designations			
		1	01 Navigational Assistant Gr- III			
		2	01 LHA			
26	पहुँचने का माध्यम Mode of approach	Near by main ring road in front of main gate of Lighthouse and a small distance from sea shore to lighthouse is approximately 200m				
27	उपलब्ध सुविधाएँ Facilities available	The nearest Police station, and helibase available from Lighthouse to Androth port in nearly 04 km distance				
28	डाक पता Postal address	Postmaster office Androth Island Lakshadweep - 682551				
29	मूल्य का ब्योरा Cost details (At the time of Construction)	N/A				
30	प्रवर्तन में लाने का देनांक Date of commissioning	01.05.1967				