

मास्टर लेजर/MASTER LEDGER

जाफराबाद दीपस्तंभ / Jafarabad Lighthouse

क्रमसंख्या/ Sr.No	नाम /Name	विवरण/Discription	
1	ए.एल.ओ.एल/A.L.O.L.	F 0432	
2	स्थान/Position	Lat 20° 51.4' N Long 71° 22.9' E	
3	ऊंचाई/Elevation	43 M (Above MSL)	
4	अभिलक्षण/Characteristic	Fl W 10 Sec. (0.3 + 9.7 = 10 Sec.)	
5	नॉटिकलमाइलमेदूरी Range in miles	16 NM	
6	दीपस्तंभटावर/L.H.Tower	Type	White round masonry tower
		Height	M
		Colour Scheme	White
7	ऑप्टिकलउपकरण Optical equipment	Optic	
		Make	BBT-France
		Type	revolving
		Size	250mm
		No. of lens	-
		Area of dioptric portion	1805 Sq. cm (Corrected area 1029 Sq. cm)
		Area of catadioptric portion	-
		Divergence Main/Emergency	25° 11.99' (Horizontal) 16° 29.67' (Vertical)
		Duration of Flash Main /Standby/Emergency	0.3sec
		Pedestal	Mercury float
		Rotation Device	Stepper motor
		R.P.M.	2
		Illuminant	
		Main	Cluster 70W/230 V MH Lamp - 3 nos.
		Standby	-
		Emergency:	-
		Date of Installation	-
8	प्रभावीबीमतीव्रता/Effective beam intensity	Main	1,52000 Candela
		Emergency	
9		Diameter	2.4m

	लैंटर्न/ <i>Lantern</i>		Height of glazing		1.6m				
			No. of panes		12				
			Ventilators		11				
10	RACON		Sr. No						
	Make	Model	Code		Band	Date of Installation			
11	NAIS								
	Base Station								
	Model	Type	Power		MMSI				
	Communication Equipment								
	VSAT Antenna	Band	Modem						
	DGPS								
	Transmitter Make	Frequency	Power Output	RS 1 ID	RS -II ID	Beacon ID	Date of commissioning	Date of Re capitalization	
12	ऊर्जाकेसाधन/ <i>Source of energy</i>		Mains			Mains 230V, 50 Hz, three phase			
			Power Source			DG Set 15 KVA make Kirloskar			
			Engine 1 (15 kva)						
			Make/Type	Qty	Rating	No of Cylinder	RPM	Cooling	
			Kirloskar	2	56 BHP	2	1500	Air	
			Alternator						
			Make/Type	Qty	Rating	Voltage/Am p	Frequency	Phase	
			Kirloskar	12	40 KVA	230V/55.6	50Hz	Single	
			Solar Plant : (M/L : 3KW)						
			Capacity PV	Numbers		Type	Battery	Bank	
4 KWp									
Solar Plant for Main NAIS									
Capacity PV	Numbers		Type	Battery	Bank				
13	स्वचालितवोल्टेजस्टेबलाइजर <i>Automatic Voltage Stabilizers</i>								
	Make	Model	Capa	Input	Output	Phase	Qty		
	A.E. Make		10Kva	160-260 Volt	230 V +_ 1 %	three	03		
14	बैटरी								

	Batteries							
	Equipment	Type	Make	Volt	Amp/Hours	Qty		
	PSS NAIS							
	Genset	SMF	Exide	12V	100AH	02 Nos		
	Automation							
	DGPS							
15	बैटरी चार्जर/ Battery charger							
	Equipment	Make	Model	Type	Rating	Qty		
	Automation							
16	इंवर्टर Inverter /UPS							
	Equipment	Nos	Make	Model	Type	Rating	Qty	input output
	Main Light	---	---	---	---	---	---	---
	NAIS PSS							
	DGPS							
17	स्वचलन उपकरण Automation Equipment							
	MAKE	PLC	HMI	Power Supply	VSAT	Modem	Band	
	RDS	Allen Bradley	RENU	24 V		Robustel		
18	आग्निशमन उपकरण Fire Fighting Equipment			Type of Extinguisher	Capacity	Nos	Make	
				DCP Type,ABC	4 kg	6		
				Water Co2	-	-		
				Foam Type	-	-		
19	संचार Communication			P & T telephone No. 02794 245167				
20	जलपूर्ति Water Supply			i) Rain water tank of 7000 liters are provided in each qtrs. ii) Rain storage water underground tank 90000liters iii) 4 inch , 50 feet ,bore with half hp submersible water pump is provided inside the Lighthouse				
21	भूमि Land			Area			2.64 hectares.	
				Demarcation			Masonry wall on all the four side	
22	इमारतें Buildings			LH tower, inspection quarter, power house, HLK quarter, One twin unit and one single unit of ALK qtrs., (in abandon condition.) One twin unit of LHA qtrs.				

23	कंपाउंडलाइट Compound Lights	G.I. Poles 05 Nos. fitted with 30W led, & 03 fitted With qtrs. wall led lights 20 W , 01 Gate lights-02 Nos. 18W led light and 10 Nos. Solar street lights with 9w led lights,40w solar panel and 40AH/12v batteries	
24	सीसीटीवीकमेरा CCTV CAMERA	Camera	
		DVR	
25	स्टाफ Staff	Sl. No	Designations
		1	Navigational Assistant -I(01)
		2	Navigational Assistant -II(01)
		3	Navigational Assistant -III(02)
26	पहुँचनेकामाध्यम Mode of approach	By road upto Jafrabad town and then 4 km by road upto Lighthouse.	
27	उपलब्धसुविधाए Facilities available	Police station, Dispensary, Post office, High school, Bank etc. are available in Jafrabad town 4 Km from Lighthouse	
28	डाकपता Postal address	Station Incharge Jafrabad Lighthouse, P.O Jafrabad, Dist. Amreli, Pin – 364 540	
29	मूल्यकाब्योरा Cost details (At the time of Construction)	Cost of Construction : Cost of Equipment :	
30	प्रवर्तनमेलानेकादेनांक Date of commissioning	15-01-1962	