

मास्टर लेजर/Master Ledger

लुहारा पॉइंट दीपस्तंभ/Luhara point Lighthouse			
क्रमसंख्या/ Sr.No	नाम /Name	विवरण/Discription	
1	ए.एल.ओ.एल/A.L.O.L.	F 0470	
2	स्थान/Position	Lat.21° 39.57' N , long 72° 32.89' E	
3	ऊंचाई/Elevation	28 M	
4	अभिलक्षण/Characteristic	fl W 15 Sec.(FL 0.5 Sec+14.5 Sec)	
5	नॉटिकलमाइलमेदूरी Range in miles	23.5 NM	
6	दीपस्तंभटावर/L.H.Tower	Type	C.I. Circular tower on RCC Base
		Height	24M
		Colour Scheme	Red and White Spiral Band
7	ऑप्टिकलउपकरण Optical equipment	Optic	An Octagonal lens panel assembly
		Make	M/S. Ana, New Delhi
		Type	GRL-48MK-II gearless rotation
		Size	200mm
		No. of lens	Acrylic Fresnel lens assembly & 4 lanes +4 Blanks
		Area of dioptic portion	
		Area of catadioptric portion	
		Divergence Main/Emergency	
		Duration of Flash Main /Standby/Emergency	0.5 Sec
		Pedestal	G.I Pipe Stand
		Rotation Device	12V DC stepper motor
		R.P.M.	1
		illuminating	
		Main	230V/150W Metal Halide Lamp
		Standby	
		Emergency:	
		Date of Installation	14-02-2003
8	प्रभावीबीमतीव्रता/Effective beam intensity	Main & Standby	468750cds
		Emergency	
9		Diameter	2.4m

	लैंटर्न/ <i>Lantern</i>		Height of glazing		1.4m				
			No. of panes		12				
			Ventilators		8				
10	RACON		Sr. No		6295				
	Make	Model	Code		Band	Date of Installation			
	Tideland	Sea Beacon 2 System 6	D		X+S	06-10-2005			
11	NAIS								
	Base Station		2 Nos-AIS1 & AIS2						
	Model	Type	Power		MMSI				
	R40	Class A	AC-230V & DC-12V		004192221				
	Communication Equipment								
	VSAT Antenna		Band	Modem					
	2.4m dia Parabolic reflector		EX-C	Datum system M7LT Satellite Terminal					
	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			Torrent Power supply 3 phase,440V,50Hz			
			Standby			DG Set 7.5 KVA Kirloskar Green make			
			Engine 1						
			Make/Type	Qty	Rating	No of Cylinder	RPM	Cooling	
			KIRLOSKAR/EA 16	1	16 BHP	2	1500	Air	
			Alternator						
			Make/Type	Qty	Rating	Voltage/Amp	Frequency	Phase	
			KISLOSKAR/KG 164 H	1	7.5 KVA	240V/31.2A	50Hz	Single	
			Engine 2						
			Make/Type	Qty	Rating	No of Cylinder	RPM	Cooling	
			Alternator						
			Make/Type	Qty	Rating	Voltage/Amp	Frequency	Phase	
Solar Plant									

		Capacity PV	Numbers	Type	Battery	Bank			
		200 Wp/17.5V	18 Nos	Mono Crystalline	03 Nos 12V/1000AH	03 Nos			
		Solar Plant for Main RACON							
		Capacity PV	Numbers	Type	Battery	Bank			
		75 W/17V	02 Nos	TBP 1275	01 Nos 12V/100AH	01 Nos			
13	स्वचालितवोल्टेजस्टेबलाइजर Automatic Voltage Stabilizers								
	Make	Model	Capacity	Input	Output	Phase	Qty		
	VS Power System	vsp/servo/air	10kva	120-280V	240V	Single	1		
14	बैटरी Batteries								
	Equipment	Type	Make	Volt	Amp/Hr	Qty			
	PSS NAIS	SMF	Relicell	12V	150 AH	2			
	Genset	Lead acid	Exide	12V	100 AH	1			
	Automation	EP 26-12	Exide	12V	26 AH	2			
	DGPS								
15	बैटरीचार्जर/ Battery charger								
	Equipment	Make	Model	Type	Rating	Qty			
	General Purpose								
	Automation	Powerex engg	----	----	15 Amps	1			
16	इंवर्टरInverter /UPS								
	Equipment	Nos	Make	Model	Type	Rating	Qty	input	output
	Main Light	2	Exide	Exide 850 DSP PST UPS(M)	Pure sine wave	850VA	2	12V DC & 230 AC	220VAC
	NAIS PSS	1	Exide	Exide 850 DSP PST UPS(M)	Pure sine wave	850VA	1	12V DC & 230 AC	220VAC
	DGPS	NA							
17	स्वचलनउपकरण Automation Equipment								
	MAKE	PLC	HMI	Power Supply	VSAT	Modem	Band		
	NELCO	Schneider & Telemecanique	Schneider	24 V DC	1.8m dia Parabolic reflector	SkyEdge	EX.C		
18	आग्निशमनउपकरण			Type of Extinguisher	Capacity	Nos	Make		
				DCP Type(u/s)	3.2 kg	3	Max Engg		

	Fire Fighting Equipment	DCP Type(u/s)	3.2 kg	1	Chandrakant
		Foam Type(u/s)	9 Ltr	1	Kil fire
		Water Type(u/s)	9 Ltr	1	Supremex
		DCP Type	1 Ltr	2	Chandrakant & Co
19	संचार Communication	BSNL Telephone(WLL) is provided at the station(Closed by BSNL)			Tel.No-02641-291055 luharapointlh@gmail.com
20	जलपूर्ति Water Supply	3 Nos rain water collection Sintex tank provided Total Capacity-3000Ltrs			
21	भूमि Land	Area		4500m ²	
		Demarcation		Three side boundary & sea Side open	
22	इमारतें Buildings	Quarters-2 Nos		Inspection quarters & one LHA quarter	
23	कंपाउंडलाइट Compound Lights	LED Light fitted on G.I Pole-09 Nos LED gate light-02 Nos			
24	सीसीटीवीकमेरा CCTV CAMERA	Camera		CP Plus 2.4mp-04 Nos	
		DVR		CP Plus0401E1-HC 4CH-1	
25	स्टाफ Staff	Sl. No	Designations		
		1	Navigational Assistant Gr-II -01		
26	पहुँचनेकामाध्यम Mode of approach	By rail upto Bharuch then 55Km by state transport bus to Luhara village then 5Km by walk or hire Autorickshaw to lighthouse(Road Connected)			
27	उपलब्धसुविधाए Facilities available	Marine Police Station	5 Km from lighthouse		
		Dispensary	14 Km from lighthouse		
		High School	07 Km from lighthouse		
		Post office	07 Km from lighthouse		
28	डाकपता Postal address	Navigational Assistant Luhara Point Lighthouse AT-Luhara, PO-Lakhigam, Via-Dahej, Taluka- Wagra Dist-Bharuch, PIN-392130 (Gujurat)			
29	मूल्यकाब्योरा Cost details (At the time of Construction)	Rs-6,46,178			
30	प्रवर्तनमेलानेकादेनांक Date of commissioning	25.5.1977			

