

मास्टर लेजर/MASTER LEDGER

वलसाड खाड़ी दीपस्तंभ/ Valsad Khadi Lighthouse		
क्रमसंख्या/ Sr.No	नाम /Name	विवरण/Discription
1	ए.एल.ओ.एल/A.L.O.L.	F0480
2	स्थान/Position	Lat. 20°37'80' N Long. 72°53'20' E
3	ऊंचाई/Elevation	50 m
4	अभिलक्षण/Characteristic	Fl(4)W 20 sec
5	नॉटिकलमाइलमेदूरी Range in miles	22 Miles
6	दीपस्तंभटावर/L.H.Tower	Type Masonry Tower
		Height 45 m
		Colour Scheme Red + White Spiral Band
7	ऑप्टिकलउपकरण Optical equipment	Optic
		Make Zen Lite Buoy Co. Ltd
		Type ZL-LSRB-26 Revolving LED make
		Size -
		No. of lens 6 Nos (4 in service)
		Area of dioptric portion
		Area of catadioptric portion
		Divergence Main/Emergency Horizontal – 5.00°, Vertical 1.6°
		Duration of Flash Main /Standby/Emergency 0.5 sec
		Lamp changer NA
		Pedestal M.S. Pedestal
		Rotation Device Inbuilt Direct drive brushless DC motor
		R.P.M. 3 RPM
		illuminating
		Main LED Lamp (LED X 6 PCS/2))
		Standby -
		Emergency: -
		Date of Installation
8		Main & Standby 650000cd

	प्रभावीबीमतीव्रता/Effective beam intensity	Emergency	-					
9	लैंटर्न/Lantern	Diameter	2.4 mtr					
		Height of glazing	1.4 mtr					
		No. of panes	12					
		Ventilators	06					
10	RACON							
	Make	Model	Code	Band		Date of Installation		
11	NAIS							
	Base Station							
	Model	Type	Power	MMSI				
	Communication Equipment							
	VSAT Antenna	Band	Modem					
	DGPS							
	Trasmitter Make	Frequency	Power Output	RS 1 ID	RS -II ID	Beacon ID	Date of commissioning	Date of Recaptalization
12	ऊर्जाकेसाधन/Source of energy	Mains			G.E.B 220V/ 50Hz 3phase			
		Standby			Gen Set (01 No)			
		Engine 1						
		Make/Type	Qty	Rating	No of Cylinder	RPM	Cooling	
		KIRLOSKAR /AT94	01	23.54KW	03	1500	AIR	
		Alternator						
		Make/Type	Qty	Rating	Voltage/Amp	Frequency	Phase	
		KIRLOSKAR	01	25KVA	230V	50Hz	03PH	
		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			
		325 W	3		02No 12V/100A H	2			
		Solar Plant for Main RACON							
		Capacity PV	Numbers	Type	Battery	Bank			
13	स्वचालितवोल्टेजस्टेबलाइजर Automatic Voltage Stabilizers								
	Make	Model	Capacity	Input	Output	Phase	Qty		
	AE make		15 KVA 65.2 A	180-260 V AC	230V	1	3		
	Power Electronics		3 KVA	150-260 V	230 V	1	1		
14	बैटरी Batteries								
	Equipment	Type	Make	Volt	Amp/Hr	Qty			
	PSS NAIS								
	Genset	Lead Acid	Exide	12v	180AH	1			
	Automation	MF		12 V	26 AH	4			
	Main Light	VRLA MF	Exide	6 X2=12 V	1000 AH	2			
		VRLA MF	Exide	12 V	515 AH	1	U/S For old Main Light		
15	बैटरीचार्जर/ Battery charger								
	Equipment	Make	Model	Type	Rating	Qty			
	General Purpose	Lighthouse workshop Mumbai	-	-	0-15 A	1			
	Automation	Power Engineering			24V, 20A	1			
16	इंवर्टरInverter /UPS								
	Equipment	Nos	Make	Model	Type	Rating	Qty	input	output
	Main Light								
	NAIS PSS								
	DGPS								

17	स्वचलनउपकरण						
	Automation Equipment						
	MAKE	PLC	HMI	Power Supply	VSAT	Modem	Band
	Nelco	Telemecanique	Schneider	24V DC	1.8 mtrs dia	SkyEdge	Ex-C band
18	आग्निशमनउपकरण Fire Fighting Equipment			Type of Extinguisher	Capacity	Nos	Make
				1 D.C.P	3.2 kg	1	
				1 D.C.P	1 kg	2	
19	संचार Communication			valsadkhadi@gmail.com			
20	जलपूर्ति Water Supply			a) Water supply line provided b) 1000 Ltrs. Of overhead PCV tank on the roof of I.Q. provided.			
21	भूमि Land			Area	8532 Sq.m		
				Demarcation	Masonry compound wall is provided		
22	इमारतें Buildings			Quarters	New Tower, Inspection Quarter, Staff quarter and Power house constructed in 2019.		
23	कंपाउंडलाइट Compound Lights				11 Nos LED street lights fitting and 2 Nos Gate light.		
24	सीसीटीवीकमेरा CCTV CAMERA			Camera			
				DVR			
25	स्टाफ Staff			Sl. No	Designations		
				1	Navigational Assistant Gr -1 - 01 No		
				2	LHA – 01 No		
				3			
				4			
				5			
				6			
7							
26	पहुँचनेकामाध्यम Mode of approach			By rail upto Valsad Railway station and then by road upto Lighthouse via kosamba village (Locally known Kosamba Divadandi)			
27	उपलब्धसुविधाए Facilities available			Marine Police Station	-		
				Dispensary	valsad 9km		
				High School	valsad 9 km		
				Post office	Kosamba 3km		

28	डाकपता Postal address	Navigational Assistant , Valsad Khadi Lighthouse, P.O. Kosamba, Distt. Valsad, PIN - 396030
29	मूल्यकाब्योरा Cost details (At the time of Construction)	1. Construction : Rs 40000000 /- 2. Equipment : Rs 400000/ -
30	प्रवर्तनमेलानेकादेनांक Date of commissioning	Tuesday, 19 February - 2019