

मास्टर लेजर/MASTER LEDGER

कछीगढ़ दीपस्तंभ / Kachhigadh Lighthouse

क्रमसंख्या/ Sr.No	नाम /Name	विवरण/Discription	
1	ए.एल.ओ.एल/A.L.O.L.	F 0397	
2	स्थान/Position	Lat : 22° 19.87'N Long : 68° 56.92'E	
3	ऊंचाई/Elevation	33 M (Above MSL)	
4	अभिलक्षण/Characteristic	Fl(4)W15 Sec. (0.4+1.5)3+0.4+8.9=15 Sec)	
5	नॉटिकलमाइलमेदूरी Range in miles	25.7 NM	
6	दीपस्तंभटावर/L.H.Tower	Type	Circular concrete Tower
		Height	30M
		Colour Scheme	3 Red and 2 White bands (Bottom band Red)
7	ऑप्टिकलउपकरण Optical equipment	Optic	
		Make	BBT
		Type	MBR-300
		Size	
		No. of lens	4
		Area of dioptric portion	
		Area of catadioptric portion	
		Divergence Main/Emergency	9° (Horizontal) 9° (Vertical)
		Duration of Flash Main /Standby/Emergency	0.4Sec
		Pedestal	Mercury float
		Rotation Device	Stepper motor
		R.P.M.	4
		Illumining	
		Main	230V/150W Metal Halide Lamp
		Standby	
		Emergency:	
		Date of Installation	
8	प्रभावीबीमतीव्रता/Effective beam intensity	Main	
		Emergency	
9	लैंटर्न/Lantern	Diameter	3.0m
		Height of glazing	2.0m

		No. of panes	12					
		Ventilators	08					
10	RACON		Sr. No					
	Make	Model	Code	Band	Date of Installation			
11	NAIS –NA							
	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 capitulation
12	ऊर्जाकेसाधन/ <i>Source of energy</i>	Mains		440V/3-phase/50 Hz				
		Power Source		DG Set 15 KVA make Kirloskar				
		Engine 1						
		Make/Type	Qty	Rating	No of Cylinder	RPM	Cooling	
		Kirloskar	1	20.5 BHP	2	1500	Air	
		Alternator						
		Make/Type	Qty	Rating	Voltage/Amp	Frequency	Phase	
		Kirloskar	1	15 KVA	230V/62A	50Hz	Single	
		Solar Plant						
		Capacity PV	Numbers	Type	Battery	Bank		
3 KWp	12 Nos	Mono Crystalline	48 Nos 2V/300AH	01 No.				
Solar Plant for Main RACON								
Capacity PV	Numbers	Type	Battery	Bank				
13	स्वचालितवोल्टेजस्टेबलाइजर <i>Automatic Voltage Stabilizers</i>							
	Make	Model	Capa	Input	Output	Phase	Qty	
	ARGO	N/A	7.5 KV A	180 To 250V	220	3	1	
14	बैटरी <i>Batteries</i>							

	Equipment	Type	Make	Volt	Amp/ Hr	Qty			
	PSS NAIS	-	-	-	-	-			
	Genset	Lead acid	Exide	12V	90AH	1			
	Automation								
	DGPS								
15	बैटरिचार्जर/ Battery charger								
	Equipment	Make	Model	Type	Rating	Qty			
	General Purpose								
	Automation	Power X Engg	---	----	15 Amps	01			
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		
18	आग्निशमनउपकरण Fire Fighting Equipment			Type of Extinguisher	Capacity	Nos	Make		
				DCP Type	4 kg	4			
				Water Co2	-	-			
				Foam Type	-	-			
19	संचार Communication			Not Available					
20	जलपूर्ति Water Supply			Well is provided inside the Lighthouse, compound and electric pump provided for rain water.					
21	भूमि Land			Area			1.3480 hectares		
				Demarcation			Masonry compound wall on all the four sides		
22	इमारतें Buildings			RCC Structure: 05 Nos			Inspection Quarter, Powerhouse, Store, One twin unit of LHA Quarters		
				Timber Construction above plinth level					
23	कंपाउंडलाइट Compound Lights			8 Nos. G.I. Poles with					

		LED lamp fitted Gate Light-02 10 Nos Solar LED street Light	
		Gate lights – 2 Nos. 10 Nos Solar LED street Light	
24	सीसीटीवीकमेरा CCTV CAMERA	Camera DVR	
25	स्टाफ Staff	Sl. No	Designations
		1	Navigational Assistant -II
		2	Navigational Assistant -III
26	पहुँचनेकामाध्यम Mode of approach	By Train up to Varvala , Then 4Km by road up to Shivrajpur and then 3kms rough road up to Lighthouse	
27	उपलब्धसुविधाए Facilities available	Police Station, Dispensary and Highschool at Dwarka 13 km from Lighthouse , Post office at Mithapur 14 Km from Lighthouse	
28	डाकपता Postal address		
29	मूल्यकाब्योरा Cost details (At the time of Construction)	N/A	
30	प्रवर्तनमेलानेकादेनांक Date of commissioning		