

## मास्टर लेजर/MASTER LEDGER

### नावद्रा दीपस्तंभ / NAVDRA Lighthouse

क्रमसंख्या/ Sr.No	नाम /Name	विवरण/Discription	
1	ए.एल.ओ.एल/A.L.O.L.	F 0398	
2	स्थान/Position	Lat : 21° 56.5'N    Long : 69° 13.9'E	
3	ऊंचाई/Elevation	55 M (Above MSL)	
4	अभिलक्षण/Characteristic	Fl(3)W15 Sec. (0.4+1.5)2+0.4+10.8=15 Sec)	
5	नॉटिकल माइल मे दूरी Range in miles	18 NM	
6	दीपस्तंभ टावर/L.H.Tower	Type	Circular concrete Tower
		Height	35M
		Colour Scheme	3 Red and 2 White bands
7	ऑप्टिकल उपकरण Optical equipment	Optic	
		Make	MSM
		Type	MBR-300
		Size	
		No. of lens	3
		Area of dioptric portion	
		Area of catadioptric portion	
		Divergence Main/Emergency	9° (Horizontal) 9° (Vertical)
		Duration of Flash Main /Standby/Emergency	0.4Sec
		Pedestal	2- Tyre MS
		Rotation Device	Stepper motor
		R.P.M.	4
		Illuminating	CDMT-150 Watt-01
		Main	230V/150W CDMT
		Standby	
		Emergency:	
		Date of Installation	07/09/2010
8	प्रभावी बीम तीव्रता/Effective beam intensity	Main	
		Emergency	
9	लैंटर्न/Lantern	Diameter	3.0m
		Height of glazing	2.0m
		No. of panes	12
		Ventilators	09
10	NAIS -NA		

	<b>Base Station</b>										
	<b>Model</b>	<b>Type</b>	<b>Power</b>			<b>MMSI</b>					
	<b>Communication Equipment</b>										
	<b>VSAT Antenna</b>	<b>Band</b>	<b>Modem</b>								
11	ऊर्जा के साधन/ <i>Source of energy</i>		Mains			440V/3-phase/50 Hz					
			Power Source			DG Set 15 KVA make Kirloskar					
			Engine 1								
			<b>Make/Type</b>	<b>Qty</b>	<b>Rating</b>	<b>No of Cylinder</b>	<b>RPM</b>	<b>Cooling</b>			
			Kirloskar	1	20.5 HP	2	1500	Air			
			Alternator								
			<b>Make/Type</b>	<b>Qty</b>	<b>Rating</b>	<b>Voltage/Amp</b>	<b>Frequency</b>	<b>Phase</b>			
			Kirloskar	1	15 KVA	230V/65.2A	50Hz	Single			
			Solar Plant								
<b>Capacity PV</b>	<b>Numbers</b>	<b>Type</b>	<b>Battery</b>	<b>Bank</b>							
9 KWP	36 Nos	Mono Crystalline	48 Nos 2V/900AH	01 No.							
12	स्वचालित वोल्टेज स्टेबलाइजर <i>Automatic Voltage Stabilizers</i>										
	<b>Make</b>	<b>Model</b>	<b>Capa</b>	<b>Input</b>	<b>Output</b>	<b>Phase</b>	<b>Qty</b>				
	SERVO	VSP/8/160/1	8KVA	160 To 260V	240	Single	1				
13	बैटरी <i>Batteries</i>										
	<b>Equipment</b>	<b>Type</b>	<b>Make</b>	<b>Volt</b>	<b>Amp/Hr</b>	<b>Qty</b>					
	PSS NAIS	-	-	-	-	-					
	Genset	Lead acid	SF Sonic	12V	150AH	1					
	<b>Automation</b>										
	DGPS										
14	बैटरी चार्जर/ Battery charger										
	<b>Equipment</b>	<b>Make</b>	<b>Model</b>	<b>Type</b>	<b>Rating</b>	<b>Qty</b>					
	General Purpose	ARGO			0-80V/10 A	02					
	<b>Automation</b>		---	----							
15	इंवर्टर Inverter /UPS										
	<b>Equipme nt</b>	<b>Nos</b>	<b>Make</b>	<b>Model</b>	<b>Type</b>	<b>Rating</b>	<b>Qty</b>	<b>input</b>	<b>ou tput</b>		
	Main Light	---	UTL	---	UPS	1KVA/12 V	2	12V	23 0V		
	NAIS PSS	01	APC		UPS		1	230V	23 0V		

		02	LUMINAS		UPS		1	230V	230V
16	<b>स्वचलन उपकरण</b> <b>Automation Equipment</b>								
	MAKE	PLC	HMI	Power Supply	VSAT	Mode m	Band		
	RDS	Allen bradley		220V	-	Robu stel	X-BAND		
17	आग्निशमन उपकरण Fire Fighting Equipment			Type of Extinguisher	Capacity	Nos	Make		
				DCP Type	4 kg	8			
				Water Co2	-	-			
				Foam Type	-	-			
18	संचार <b>Communication</b>			Not Available					
19	जलपूर्ति <b>Water Supply</b>			Well is provided Outside the Lighthouse, 3 HP Submersible pump provided for water pumping. Running water provided from 500 ltr sintex make tank fitted on powerhouse, HLK, LHA and IQ..					
20	भूमि <b>Land</b>			Area				1.470 hectares	
				Demarcation				Compound wall on all the four sides	
21	इमारतें <b>Buildings</b>			RCC Structure: 06 Nos				Inspection Quarter, Powerhouse, HLK Quarter, One twin unit of LHA Quarters, Store.	
				Timber Construction above plinth level					
22	कंपाउंड लाइट <b>Compound Lights</b>			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					
23	सीसीटीवीकमेरा CCTV CAMERA			Camera					
				DVR					
24	स्टाफ			Sl. No	Designations				

	<b>Staff</b>	1	Navigational Assistant -III
		2	
25	पहुँचने का माध्यम <b>Mode of approach</b>	By Train up to Bhatiya , Then 20Km by road up to Navadra and then 4kms rough road up to Lighthouse.	
26	उपलब्ध सुविधाएँ <b>Facilities available</b>	Post office at 4 KM from lighthouse at Navadra village. Police Station, Dispensary and Highschool at Bhatiya 24 km from Lighthouse. Hospital at Dwarka 65 KM from Lighthouse.	
27	डाकपता <b>Postal address</b>	Station Incharge, Navadra Lighthouse, P.O. Bhatiya, Taluka- Kalyanpur, Dist- Devbhumi Dwarka Pin-361315.	
28	मूल्य का ब्योरा <b>Cost details</b> (At the time of Construction)	15,56,198/-	
29	प्रवर्तन में लाने का दिनांक <b>Date of commissioning</b>	04/07/1986	