मास्टर लेज़र/MASTER LEDGER

ओलाकुडा दीपस्तंभ/Olakuda Lighthouse

क्रम संख्या/ Sr.No नाम /Name विवरण/Description 1 ए.एल.ओ.एल/A.L.O.L. F 0906 2 स्थान/Position Lat. 09° 19.056' N, Long. 079° 19.84' E 3 ऊंचाई/Elevation 18.5 M (Above MSL) 4 अभिवक्षण/Characteristic (0.75+2_0-0.75+16.5) Group Flash (2) White every 20 Seconds (0.75+2_0-0.75+16.5) 5 नॉटिकलमाइलमेंद्रिये Range in miles Luminous Range Geographical Range - 12.7 NM C.C Block Masonry Rectangular Tower 6 वीपसंभरावर/L.H.Tower Type C.C Block Masonry Rectangular Tower Height 15 M Colour Scheme Red and White Spiral Bands Optical equipment Optical equipment Make Make: LMV Spain, Model: BDL 250. Make Make: LMV Spain, Model: BDL 250. Type LED FLASHER Size 2 Tier Arrangement		9										
Sr.No विषया/Description 1 ए.एस.ओ.एल/A.L.O.L. F 0906 2 स्पाना/Position Lat. 09" 19.056' N, Long. 079" 19.84' E 3 ऊंचाई/Elevation 18.5 M (Above MSL) 4 अभिलक्षणा/Characteristic Group Flash (2) White every 20 Seconds (0.75+2.0-0.75+16.5) 5 नॉटिकलमाइलमेटूरी Range in miles Luminous Range — 15 NM Geographical Range — 12.7 NM 6 दीपस्तंभरावर/L.H.Tower Type C.C Block Masonry Rectangular Tower Height 15 M Colour Scheme Red and White Spiral Bands Optic Make Make: LMV Spain, Model: BDL 250. Type Size 2 Tier Arrangement No. of lens Area of catadioptic portion Area of catadioptic portion Area of fall flash 0.75 Sec Main/Emergency Pedestal N/A R.P.M. N/A Main LED FLASHER Ventilion N/A R.P.M. N/A N/A R.P.M. </th <th>क्रम संख्या/</th> <th>नाम /Name</th> <th></th> <th></th>	क्रम संख्या/	नाम /Name										
1 ए.एल.ओ.एल/A.L.O.L. F 0906 2 स्पाना/Position Lat. 09° 19.056′ N, Long. 079° 19.84′ E 3 उंचाई/Elevation 18.5 M (Above MSL) 4 अभित्रक्षणा/Characteristic Group Flash (2) White every 20 Seconds (0.75+2.0+0.75+16.5) 5 नॉटिकलमाइलमेदूरी Range in miles Geographical Range - 12.7 MM 6 दीपसंभटावर/L.H.Tower Type C.C. Block Masonry Rectangular Tower Height 15 M Colour Scheme Red and White Spiral Bands Optic Make Make: LMV Spain, Model: BDL 250. Type LED FLASHER Size 2 Tier Arrangement No. of lens Area of dioptric portion Area of catadioptric portion Area of catadioptric portion Nain/Emergency Main/Emergency Pedestal N/A Rotation Device N/A R.P.M. N/A Illuminant Main LED FLASHER (2 Tier Illuminant) Standby Emergency: Emergency: Date of installation 28-07-2017 (Present Illuminant) Main Standby: Emergency: Emergency: Date of installation 28-07-2017 (Present Illuminant) Main Spood cds Emergency Pointed Tier Main Tier Main Spood cds Emergency Pointed Tier Main Tier Main Spood cds Emergency Pointed Tier Main Tier Tier Main Tier Tier Main Tier Tier Tier Tier Tier Tier Tier Tier			विवरण/Description									
2 स्थान/Position		ए.एल.ओ.एल/ A.L.O.L.	F 0906									
4 अभिलक्षण/Characteristic Group Flash (2) White every 20 Seconds (0.75+2.0-0.75+6.5) 5 नीटिकलमाइलमेंदूरी Range in miles Luminous Range - 15 NM Geographical Range - 12.7 NM 6 दीपस्तंभटावर/L.H.Tower Type C.C Block Masonry Rectangular Tower 7 अगिट्रिकलउपकरण Optical equipment Optic Red and White Spiral Bands 7 Make Make: LMV Spain, Model: BDL 250. Type LED FLASHER Size 2 Tier Arrangement No. of lens Area of diolptic portion Area of catadioptric portion Divergence Main /Standby/Emergency N/A (Vertical) Pedestal N/A Main N/A R.P.M. N/A N/A Illuminant LED FLASHER (2 Tier Illuminant) Standby Emergency: Date of Installation 28-07-2017 (Present Illuminant) Main 5900 cds Illuminant Emergency Date of Installation Polimeter Height of glazing No. of panes <t< th=""><th>2</th><th></th><th>Lat. 09° 19.056' N, Long. 079</th><th>° 19.84' E</th></t<>	2		Lat. 09° 19.056' N, Long. 079	° 19.84' E								
4 अभिन्देशण/Characteristic Group Flash (2) White every 20 Seconds (0.75+2.0+0.75+16.5) 5 नॉटिकलमाइलमेदूरी Range in miles Luminous Range — 15 NM Geographical Range — 12.7 NM 6 दीपस्तैमटावर/L.H.Tower Type C.C Block Masonry Rectangular Tower 7 ऑप्टिकलउपकरण Optical equipment Optic Red and White Spiral Bands 9 Make Make: LMV Spain, Model: BDL 250. Type LED FLASHER Size 2 Tier Arrangement No. of lens Area of catadioptric portion No. of lens Area of catadioptric portion N/A (Horizontal) 4° (Vertical) Duration of Flash Main /Standby/Emergency N/A N/A R.P.M. N/A N/A Illuminant Main LED FLASHER (2 Tier Illuminant) Main LED FLASHER Standby Emergency Date of installation 28-07-2017 (Present Illuminant)	3	ऊंचाई/Elevation	18.5 M (Above MSL)									
5 नॉटिकलमाइलमेदूरी Range in miles Luminous Range Geographical Range Geographical Range Geographical Range Tower -15 NM - 12.7 MM 6 दीपस्तंभटावर/L.H.Tower Type C.C Block Masonry Rectangular Tower 7 ऑप्टिकलउपकरण Optical equipment Optical Make Make: LMV Spain, Model: BDL 250. Type LED FLASHER Size 2 Tier Arrangement No. of lens Area of dioptic portion Area of catadioptric portion Divergence Main/Emergency N/A (Horizontal) 4° (Vertical) Duration of Flash Main/Emergency 0.75 Sec Main /Standby/Emergency: Pedestal Rotation Device N/A R.P.M. Illuminant N/A R.P.M. N/A N/A Illuminant LED FLASHER (2 Tier Illuminant) Standby Emergency: Date of Installation 28-07-2017 (Present Illuminant) Standby Emergency: Date of Installation 28-07-2017 (Present Illuminant) Main 5900 cds Emergency: Date of Installation 28-07-2017 (Present Illuminant) Main 5900 cds Emergency Emergency Pointer Ventilators	4	,	Group Flash (2) White every	20 Seconds								
Range in miles Geographical Range - 12.7 NM Type C.C. Block Masonry Rectangular Tower Height 15 M Colour Scheme Red and White Spiral Bands Optic Make Make: LMV Spain, Model: BDL 250. Type LED FLASHER Size 2 Tier Arrangement No. of lens Area of dioptric portion Area of catadioptric portion Divergence Main/Emergency Pedestal N/A Rotation Device N/A R.P.M. N/A Illuminant Main LED FLASHER (2 Tier Illuminant) Standby Emergency: Date of Installation 28-07-2017 (Present Illuminant) **Samble** **Barrangement N/A **Colour Scheme Red and White Spiral Bands Make: LMV Spain, Model: BDL 250. Type LED FLASHER 2 Tier Arrangement N/A (Horizontal) A**(Vertical) **Or5 Sec **Main/Standby/Emergency Pedestal N/A Rotation Device N/A R.P.M. N/A Illuminant Main LED FLASHER (2 Tier Illuminant) **Standby Emergency: Date of Installation 28-07-2017 (Present Illuminant) **Samble** **Emergency: Date of Installation Height of glazing Height of glazing Height of glazing Ventilators Ventilators			•									
Type C.C. Block Masonry Rectangular Tower Height 15 M Colour Scheme Red and White Spiral Bands Optic Make Make: LMV Spain, Model: BDL 250. LED FLASHER Size 2 Tier Arrangement No. of lens Area of dioptric portion Divergence Main/Emergency 4° (Vertical) Duration of Flash Main / Standby/Emergency Pedestal N/A Rotation Device N/A Rotation Device N/A R.P.M. N/A Illuminant Main LED FLASHER (2 Tier Illuminant) Standby ——— Date of Installation 28-07-2017 (Present Illuminant) **The Size 2 Tier Arrangement N/A **The Arrangement N/A (Horizontal) A** (Vertical) **Duration of Flash Main / Standby/Emergency Pedestal N/A R.P.M. N/A Illuminant Main LED FLASHER (2 Tier Illuminant) Standby ——— Date of Installation 28-07-2017 (Present Illuminant) **The Arrangement N/A **The Arrangement N/A (Present Illuminant) **The Arrangement N/A (Present Illuminant	5	_ · _ · _ ·										
Tower Height 15 M Colour Scheme Red and White Spiral Bands Optic Make Make: LMV Spain, Model: BDL 250. Type LED FLASHER Size 2 Tier Arrangement No. of lens Area of dioptric portion Area of actadioptric portion N/A (Horizontal) Divergence N/A (Horizontal) Main/Emergency 4° (Vertical) Duration of Flash N/A Rotation Device N/A R.P.M. N/A Illuminant N/A Main LED FLASHER (2 Tier Illuminant) Standby Emergency: Date of Installation 28-07-2017 (Present Illuminant) Main 5900 cds Emergency Diameter Height of glazing No. of panes Ventilators	_		<u> </u>									
Height 15 M Colour Scheme Red and White Spiral Bands Optic Make Make: LMV Spain, Model: BDL 250. Type LED FLASHER Size 2 Tier Arrangement No. of lens Area of dioptric portion Area of dioptric portion Divergence N/A (Horizontal) Main/Emergency 4° (Vertical) Duration of Flash 0.75 Sec Main/Emergency N/A Rebestal N/A R.P.M. N/A R.P.M. N/A Illuminant LED FLASHER (2 Tier Illuminant) Main LED FLASHER (2 Tier Illuminant) Standby Emergency: Date of Installation 28-07-2017 (Present Illuminant) Main 5900 cds Emergency Diameter Height of glazing No. of panes Ventilators <th>6</th> <th>दीपस्तंभटावर/L.H.Tower</th> <th>Туре</th> <th>C.C Block Masonry Rectangular</th>	6	दीपस्तंभटावर/L.H.Tower	Туре	C.C Block Masonry Rectangular								
Colour Scheme Red and White Spiral Bands 7 ऑफिकलउपकरण Optical equipment Optic Make Make: LMV Spain, Model: BDL 250. Type LED FLASHER Size 2 Tier Arrangement No. of lens Area of dioptric portion Area of dioptric portion No. of lens Area of dioptric portion No. of lens No. of lens No. of lens No. of lens No. of lens No. of lens No. of lens No. of lens No. of lens No. of lens No. of lens No. of lens No. of lens No. of lens No. of lens No. of lens No. of lens No. of lens No. of lens No. of lens No. of lens No. of lens <th></th> <th></th> <th></th> <th>Tower</th>				Tower								
Colour Scheme Red and White Spiral Bands 7 ऑफिकलउपकरण Optical equipment Optic Make Make: LMV Spain, Model: BDL 250. Type LED FLASHER Size 2 Tier Arrangement No. of lens Area of dioptric portion Area of dioptric portion No. of lens Area of dioptric portion No. of lens No. of lens No. of lens No. of lens No. of lens No. of lens No. of lens No. of lens No. of lens No. of lens No. of lens No. of lens No. of lens No. of lens No. of lens No. of lens No. of lens No. of lens No. of lens No. of lens No. of lens No. of lens <th></th> <th></th> <th>Height</th> <th>15 M</th>			Height	15 M								
7 अगेरिकलउपकरण Optical equipment												
Make Make: LMV Spain, Model: BDL 250. Type LED FLASHER Size 2 Tier Arrangement No. of lens Area of dioptric portion Area of catadioptric portion N/A (Horizontal) Divergence N/A (Horizontal) Main/Emergency 4° (Vertical) Duration of Flash 0.75 Sec Main /Standby/Emergency N/A Rotation Device N/A R.P.M. N/A Illuminant LED FLASHER (2 Tier Illuminant) Standby Emergency: Date of Installation 28-07-2017 (Present Illuminant) Main 5900 cds Emergency Diameter Height of glazing No. of panes Ventilators	7	2007-4-711		Red and White Spiral Bands								
Type	1			Make: LMV Spain Model: BDL 250								
Size 2 Tier Arrangement		Optical equipment										
No. of lens												
Area of catadioptric portion Divergence Main/Emergency N/A (Horizontal) 4° (Vertical) 4° (Vertical) Duration of Flash Main /Standby/Emergency 0.75 Sec Pedestal N/A Rotation Device N/A R.P.M. N/A Illuminant LED FLASHER (2 Tier Illuminant) Standby Emergency: Date of Installation 28-07-2017 (Present Illuminant) 8 प्रभावीबीमतीव्रता/Effective beam intensity Main 5900 cds Emergency Emergency Diameter Height of glazing No. of panes Ventilators												
Divergence Main/Emergency N/A (Horizontal) 4º (Vertical) Duration of Flash Main /Standby/Emergency 0.75 Sec Pedestal N/A Rotation Device N/A R.P.M. N/A Illuminant N/A Main LED FLASHER (2 Tier Illuminant) Standby Emergency: Date of Installation 28-07-2017 (Present Illuminant) 8 प्रभावीबीमतीव्रता/Effective beam intensity Main 5900 cds Emergency Emergency Diameter Height of glazing No. of panes Ventilators			Area of dioptric portion									
Main/Emergency 4° (Vertical) Duration of Flash Main /Standby/Emergency Pedestal N/A Rotation Device N/A R.P.M. N/A Illuminant Main LED FLASHER (2 Tier Illuminant) Standby Emergency: Date of Installation 28-07-2017 (Present Illuminant) Standby Emergency: Emergency: Date of Installation 5900 cds Intensity Emergency Pointer Height of glazing No. of panes Ventilators Ventilators Pointer Height of glazing Ventilators Ventilators O.75 Sec O.75 Sec Sec O.75 Sec O.75 Sec O.75 Sec O.75 Sec O.75												
8 प्रभावीबीमतीव्रता/Effective beam intensity Main /Standby 9 लेंटर्न/Lantern Duration of Flash Main /Standby/Emergency 0.75 Sec Main /Standby/Emergency N/A N/A NIlluminant Main LED FLASHER (2 Tier Illuminant) Standby Emergency: Date of Installation 28-07-2017 (Present Illuminant) Main 5900 cds Emergency Diameter Height of glazing No. of panes Ventilators												
Hain / Standby/Emergency Pedestal N/A Rotation Device N/A R.P.M. N/A Illuminant Main LED FLASHER (2 Tier Illuminant) Standby Emergency: Date of Installation 28-07-2017 (Present Illuminant) 8			Main/Emergency	4° (Vertical)								
8 प्रभावीबीमतीव्रता/Effective beam intensity Main LED FLASHER (2 Tier Illuminant) 9 लेंटर्न/Lantern Main 5900 cds Emergency Diameter Height of glazing No. of panes Ventilators N/A N/A N/A Main 28-07-2017 (Present Illuminant) Emergency Diameter No. of panes Ventilators			Duration of Flash	0.75 Sec								
Rotation Device N/A R.P.M. N/A Illuminant Main LED FLASHER (2 Tier Illuminant) Standby Emergency: Date of Installation 28-07-2017 (Present Illuminant) 8 प्रभावीबीमतीव्रता/Effective beam intensity Main 5900 cds Emergency 9 लेंटर्न/Lantern Pleight of glazing Height of glazing No. of panes Ventilators			Main /Standby/Emergency									
R.P.M. N/A Illuminant LED FLASHER (2 Tier Illuminant) Standby Emergency: Date of Installation 28-07-2017 (Present Illuminant) 8 प्रभावीबीमतीव्रता/Effective beam intensity Main 5900 cds Emergency Fmergency Unimeter Height of glazing No. of panes Ventilators				-								
8प्रभावीबीमतीव्रता/Effective beam intensityMainLED FLASHER (2 Tier Illuminant)9लेंटर्न/LanternMain28-07-2017 (Present Illuminant)10 amount of plazing No. of panes10 amount of plazing No. of panes												
9MainLED FLASHER (2 Tier Illuminant)StandbyEmergency:Date of Installation28-07-2017 (Present Illuminant)8प्रभावीबीमतीव्रता/Effective beam intensityMain5900 cdsEmergencyEmergencyDiameterHeight of glazingNo. of panesVentilators				N/A								
Standby Emergency: Date of Installation 28-07-2017 (Present Illuminant) 8 प्रभावीबीमतीव्रता/Effective beam intensity Main 5900 cds Emergency Diameter Height of glazing No. of panes Ventilators												
Emergency: Date of Installation 28-07-2017 (Present Illuminant) 8 प्रभावीबीमतीव्रता/Effective beam intensity Emergency 9 लेंटर्न/Lantern Diameter Height of glazing No. of panes Ventilators			Main	LED FLASHER (2 Tier Illuminant)								
Date of Installation 28-07-2017 (Present Illuminant) 8			Standby									
8प्रभावीबीमतीव्रता/Effective beam intensityMain5900 cds9लेंटर्न/LanternDiameterHeight of glazingNo. of panesVentilators			Emergency:									
9लेंटर्न/LanternDiameterHeight of glazingNo. of panesVentilators			Date of Installation	28-07-2017 (Present Illuminant)								
9लेंटर्न/LanternDiameterHeight of glazingNo. of panesVentilators	8	प्रभावीबीमतीव्रता/Effective beam	Main									
9			Emergency									
Height of glazing No. of panes Ventilators	9	लेंटर्न/Lantern	· · ·									
No. of panes Ventilators		I/Builtoiii										
Ventilators												
10 RACON Sr. No N/A												
	10	RACON	Sr. No	N/A								

	Make		Mo	odel		Code						Band				Date of Installation			
11	NAIS																		
	Base Station								N/A										
	Model	Model Typ					Power MMSI												
			N/A			N/A					N/	Ά							
	Communication Equipment																		
				and	Modem	1													
			N/	N/A		N/A													
	DGPS																		
		Transmitter Make			Frequency		Power Outp			1 ID	RS -II ID		Beaco		on Dat con sion		is	Da te of Re ca pit ali zat io	
	N/A	N/A				N/A	N/A		N/A	N/A		Ά	N/A			N/A		n N/ A	
12	ऊर्जाकेसाधन Source of ener	ऊर्जाकेसाधन Source of energy Stand By Power Source											TNEB Electric Main S v,50Hz Solar Power 150 W/24						
						Grid)										Bank			
					Capacity PV			Number of Solar P			Battery		rv						
			1.5 KWp		260W/24 V - 7 Nos.				Mono-Cry		stalline 2 V/600 AF		•	AH – 12 Nos. 24 V AH		24 V . AH	/ 600		
13	स्वचालितवोल्टेज Automatic Volt					·										·			
	Make		Mod	lel				nput			Output			Phas	se	Qt	у		
	SOUNDRY POV SYSTEMS)BUS- V-270		5 KVA 170		170 V	V-270 V		230 V			Single		11	No.		
14	बैटरि / Batteries	s																	
	Equipment		Гуре			Make		Volt		Amp. Hr					Remarks				
	Main Light	Tul	bular	Exide 2 V		600 AH					lain Light run on 24 olt DC Supply			<u>'</u> 4					
15	बैटरिचार्जर/ Bat	tery ch	narge	r															
	Equipment						Model Type			Rating						Qty			
		General Purpose Velsine											Amps / 0 – 40 V			1 No.			
		Automation/Street Light AE Make								40	Am	ps / () – 40	V		11	No.		
16	इंवर्टरInverter /		Mak	70	Mode	\l			T. /-	20	D.	atio -		Otre	in.	\.i.f		Out	
	Equipment N	los	wak	ie .	woae	#1			Тур	Je	Rating Qty			Qty	input Out put				

	Main Lig	jht							-										
17	स्वचलन	उपव	हरण																
	Automat																		
	MAKE PLC HMI							Power S	upply	VSAT			Modem	Ban d					
	RDS	Allen-Bradley Renu Electron						onics 230 V AC 1.25 m dia Pa			a Paraboli	c reflector	Huges	EX.					
18	आग्निशम Fire Figh			nt			Type of Extinguisher			Capacity		Nos	Make						
	T ile r igii	ung L	-quipirio	/I IL			DCP Type			5 kg		1	Bharat						
							CO ₂			4.5 Kg		1	Exceller	t					
							Foan	n Type		9 Ltr		1	Bharat						
19	संचार Commu	संचार Communication																	
20	जलपूर्ति	/ Wat	ter Supi	ply			Rain	water Har	vestin	g Plant fitted	with 1 H	P water pu	ımp – 1 No.	p – 1 No.					
21	भूमि		•				Area					0.525 hectare							
	Land											Masonry Brick wall							
22	इमारतें	'							Power House, one unit of IQ and Store Room – 1 No.										
22	Building		-				LHA Quarters – 1 No.												
23		कंपाउंडलाइट Compound Lights						Solar Powered LED Street Lights – 1 No. LED Street Lights – 5 Nos.											
24	सीसीटीव	ीकमे	रा				Cam	era				05 Nos.							
	CCTV C						DVR					1 No.							
25	स्टाफ						SI. N	0	Desi	gnations									
	Staff						1 Light House Attendant												
26	पहुँचनेक	111152	лп				By ra	ail un to F				road for	· 9 Kms un ta	<u> </u>					
	0	पहुँचनेकामाध्यम Mode of approach							By rail up to Rameswaram and then by road for 9 Kms up to Lighthouse.										
27	उपलब्धसुविधाए							Post Office, Dispensary, High School, Police Station all are within											
	Facilities						9 Km	ıs.											
28	डाकपता	Post	al addr	ess			Olak	uda Light	thous	e,									
	Olakuda Village,																		
	Ramanathapuram District, Tamil Nadu State Pin: 623 526.																		
29	मूल्यका							623 526. 1 Lakhs											
30	(At the tii	लानेव	गदेनांक	-	n)			0.2005											
	Date of	comn	nission	ing			00.1	0.2000											