

मास्टर लेजर/ MASTER LEDGER

क्रम संख्या/ Sr.No	नाम /Name	विवरण/ Discription
1.	ए.एल.ओ.एल/ A.L.O.L.	: F-0356
2.	स्थान/ Position	: Lat 22° 57.2' N Long 69° 00.1' E
3.	दीपस्तंभ ऊंचाई/ Lighthouse Elevation दीपस्तंभ टावर/ L.H.Tower	: 27.43+4.57=32 M : Square masonry stone tower : 3 Black and 2 white bands
4.	अभिलक्षण/ Characteristic	: Fl (3)W 15 sec. [(0.35+2.15+0.35+2.15+0.35+9.65 =15 sec.)]
5.	नॉटिकल माइल मे दूरी/ Range in miles	Luminous : 19 N. Mile Geographical : 14 N. Mile
6.	वी टी एस टावर/ VTS Tower	: RCC Circular concrete Tower Height : 60 Mtrs : 4 black and 3 white bands. (Bottom band black)
7.	ऑप्टिकल उपकरण / Optical Equipment	: Cluster of three CDM-TD lamps of 230V/150W. : B.B.T. France make 250 mm(4th order large)revolving type : Duration of flash : 2.1 sec
8.	प्रभावी बीम तीव्रता/ Effective beam intensity	: 85383 Cds
9.	Lamp Input Voltage	: 230 V AC
10.	Peak Power	:450W (In Continuous Light)
11.	Colour of Light	: White
12.	Horizontal Output	: 360°
13.	Divergence Physical Characteristic:- Lantern	: 25° 11.99' (Horizontal.), 16° 29.67' (Vertical.) i) Diameter : 2m ii) Height of glazing: 1.30 m

	Optical Details-	iii) No. of panes : 8 iv) Ventilators : 7 i) Area of dioptric portion : 396 sq.cm (corrected area 285 sq.cm) ii) Area of catadioptric portion:1[82 sq cm (corrected area 98] sq.cm)
14.	Date of Installation	: 15/06/1964
15.	Make	: B.B.T. France
16.	Type of Light structure	: 250 mm(4th order large)revolving type

वी टी एस उपकरण/ VTS EQUIPMENTS:

<u>क्रमसं ख्या/ Sr.No</u>	<u>विवरण/ Discription</u>	Qty	Location
i.	X- Band RADAR Transceiver S.No:3015 Scanter 2001,9375MHz Type 262001-024 Rev F S.No. : 3019 Type 262001-017 Rev G D.O.I: 16/03/2011	02	Equipme nt Room
ii.	Scanter ACU Type : 262382-001 Rev HSN0:3017 D.O.I: 16/03/2011	01	Equipment Room
iii.	Radar Data Processor C-SET-1, Make- Kongsberg S.No. 3462640920 D.O.I: 13/07/2020 C-SET-2 , Make- Kongsberg S.No. 3053212216 D.O.I: 01/01/2020	02	Equipment Room
iv.	RSD (Radar Service Display)MAKE: TERMA SNo:4602 D.O.I: 14/02/2020	01	Equipment Room
v.	15 KVA UPS, On line, 3 Phase, MAKE: SCHINDER	01	Equipment Room

	D.O.I: 20/08/2019		
vi.	12v, 26AH Battery, make: APC SMF Battery D.O.I: 20/08/2019	32	Equipment Room
vii.	Microwave Antenna Make –Faini Tele communication System, (Kathrein) SNo: 08KIMWA0000120032 SNo: 08KIMWA0000120 031 SNo: 08KIMWA0000120036 SNo: 08KIMWA0000120 037 D.O.I: 16/03/2011	04	On Tower wall
viii.	Radio unit ODU S.No: R9N958686, S.No: R9N958646, D.O.I: 20/08/2019 S.No: R9Q240426, S.No: R9Q240423 D.O.I: 13/07/2020	04	With Antenna
ix.	KVM (Key Board Video& Mouse) S/W SNo: F3A65005MEH0036 D.O.I: 16/03/2011	01	Equipment Room
x.	Rack Manager make: Austinhuges Model: N117e SNo:215108083862- U46Z D.O.I: 16/03/2011	01	Equipment Room
xi.	CISCO Switch Catalyst 2960 Series SNo:FOC1345YIAJ D.O.I: 16/03/2011	01	Equipment Room
xii.	6KVA UPS, Make NGBPS, SNo. JH1026 D.O.I: 16/03/20 11	01	Equipment Room

xiii.	12v,26AH Battery, MAKE AMRON (Quanta) D.O.I: 08/08/2018	20	Equipment Room
xiv.	1.DG SET 40 KVA 415 V 3 ϕ Mod.KG40AS Engine Type HA494T. Battery12V. Engine S.No: 042421/1020198 Alternator-M/C No::CS3E010B22526-H D.O.I: 16/03/2011 2. DG SET 40 KVA 415 V 3 ϕ Mod.KG40AS Engine Type HA494T. Battery12V. Engine S.No: 042421/1020199 Alternator-M/C No:: CS3E010B22535-H D.O.I: 16/03/2011	02	Power house
xv.	AIS BS-610 Make: Kongsberg Sr.No. 109177, D.O.I: 01/01/2020	01	Equipment Room
xvi.	VHF TR 775OC Make: Jotron Sr.No. 952,953,871, D.O.I: 01/01/2020	03	Equipment Room
xvii.	40 KVA AMF Control Panel SNo:04-10/05/06 Sterling Generators Pvt. Ltd D.O.I: 16/03/2011	01	Power house
xviii.	40 KVA LVDB Panel Make – Sterling Generators Pvt. Ltd SNo:03- 10/187/03 D.O.I: 16/03/2011	01	Power house
xix.	Split A/C- 01 N0s.Bluestar 1.5Ton No: GLIDU181YC09032672 D.O.I: 26/07/2019 LG 01Nos1.5 Ton SNo:402PAQE036476 1 D.O.I: 28/02/2015 Split A/C- 01. Videocon 1.5Ton SNo.11081574200268 D.O.I: 27/09/2015	03	Equipme nt Room
xx.	Exhaust Fan (Bajaj)D.O.I: 16/03/2011	03	Lift room, Power house
xxi.	42 U Val Rack for Radar Equipment D.O.I: 16/03/2011	01	Equipment Room

xxii.	Comtel Rack D.O.I: 16/03/2011	01	Equipment Room
xxiii.	1 Phase Isolation Transformer 6 KVA, D.O.I: 17/06/2015	01	Equipment Room
xxiv.	3 Phase Isolation Transformer 40 KVA D.O.I: 30/06/2016	01	Power house
xxv.	Lightening Arrester D.O.I: 18/03/2020	01	Top tower
Energy source			
	Main supply voltage 415 V, 3 Phase, 50HZ from PGVCL Diesel Engine Generator Kirloskar – 02 Nos. 40 KVA, HA494TC.		Power house
On Grid 30 KW Solar Systems:			
	120 nos. of solar panel make: Solgen. Date of Installation: 27 FEB 2017 Inverter-01 No., Sr no:F01163022627 make: Solgen D.O.I: 29/11/2020 Inverter-01 No., Sr no: 01Y18604544W8 make: Delta D.O.I: 11/01/2021	02	Power house
Automatic Voltage Stabilizers-			
	Automatic Voltage stabilizer Make: Atandra (Krykard) Model: SP7070 S.No: S20K167070007, S20K167070008 D.O.I: 27/01/2021 Make: Alfa S.No: UA-16020013 D.O.I: 13/09/2017	03	Power house

Lift:		
	<p>Inside the 60M high RCC VTS Radar tower lift has been installed as per below specification</p> <ul style="list-style-type: none"> • Make - Trio Elevators • Motor - 3-ϕ induction motor 5.5KW • Capacity – 6 passengers • Speed – 1m/sec • Sl. No. – 00006300 • D.O.I: 16/03/2011 <p>The License valid up to 04/12/2022.</p>	
CCTV:		
	<p>CCTV cameras have been installed on dated 24/08/2015.</p> <p>Bullet cameras (Small) : 07 nos.</p> <p>Bullet cameras (Big) : 01 nos.</p> <p>PTZ camera : 01 no.</p> <p>DVR : 01 no.</p>	
COMPOUND STREET LIGHTS:		
	<p>Total 13 number 25-Watt LED Street lights (13 Nos fitting on G.I poles), 02 Nos 10 watts on wall, Two fitted on entrance gate and one 25 watts at power house cum office are provided at station & One number 40 watt fitted on Departmental name Board.</p>	
Fire-extinguishers:		
	<p>The Following firefighting equipment are provided. And Date of Installation: 08/07/2011</p> <p>Cease fire ABC dry powder (5 Kg. capacities) : 04 Nos. (2 in power house, 1 in base room, 1 in lift room)</p> <p>Cease fire Clean Agent (4 Kg. capacities : 02 Nos. (2 in VTS equipment room)</p> <p>Fire buckets : 04 Nos.</p>	

LAND:			
	<ul style="list-style-type: none"> i) Area : 6712.44 Sq. m. ii) Demarcation : Compound wall iii) Fruit bearing tree :15 iv) Non-fruit bearing trees:70 		
FACILITIES AVAILABLE :			
	Police station- Kothara , Primary school- Chhachhi, Primary Health Centre - Dumra Village.		
STRUCTURE:			
	<ul style="list-style-type: none"> a. Radar tower: - 60m high RCC circular tower with internal liftfacility and staircase. b. Technical Building: - 01 Unit c. Inspection Quarter: - 02 Unit. d. LHA quarter: - 2 Nos. e. R/T Quarters: 2 Nos. f. Security Cabin: 01 Nos. g. Compound wall: Masonry compound wall. h. Main gate: - M. S. gate has been provided on the entrance. 		
WATER SUPPLY:			
	<ul style="list-style-type: none"> • 60,000 litres capacity water storage tanks are provided with water pumpmotor. • 500 litres capacity 7 Nos. Sintex tanks are also provided on TechnicalBuilding, Inspection Quarters, Group-D quarter and R/T Quarter. • 10,000 litres capacity RCC overhead water tank. 		
ADDRESS& COMMUNICATION		Station In-Charge Chhachhi VTS/Lighthouse Station, Village – Chhachhi, Post- Lathedi Via Dumra, Taluka- Abdasa, Kutch-370490	
DATE OF COMMISSIONING		15.06.1964 Lighthouse 13.02.2012 VTS	