

## मास्टर लेजर/ MASTER LEDGER

क्रमसं ख्या/ Sr.No	नाम /Name	विवरण/ Discription
1.	ए.एल.ओ.एल/A.L.O.L.	: F 0365
2.	स्थान/Position	: Lat 22.9096°N, Long 69.9135°
3.	ऊंचाई/Elevation (Above MSL)	: 48M
4.	अभिलक्षण/Characteristic	:White 3 flash every 20 Sec [(fl 1s, ec 2s)X2, fl 1s, ec13s]
5.	नॉटिकलमाइलमेदूरी Range in miles	: 16 NM
6.	दीपस्तंभ टावर/L.H.Tower	i) Type : Circular RCC tower ii) Height : 60M iii) Colour : White
7.	<b>ऑप्टिकल उपकरण</b> Optical Equipment:- Type of Light (LED Flasher)	: SL300-1D5-1-W ( 13 – 19NM AT@ 0.74)
8.	LED flasher Input Voltage	: 24 V DC (Range 24V – 48V DC)
9.	Load current	: 16A DC at 24V DC
10.	Peak Power	: 384W (In Continuous Light)
11.	Colour of Light	: White
12.	Horizontal Output	: 360°
13.	Vertical Divergence	: >1.5°
14.	Physical Characteristic I) Body of Material ii) Lens Material lii) Lens Diameter iv) Lens Design v) Mounting vi) Height vii) Width viii) Weight ix) Circuit Protection	: Marine Grade Two part epoxy coating to resist the elements : UV -stabilised acrylic : 373mm : Multiple LED Optic : 3 & 4 hole 200mm bolt pattern : 302mm : 373mm : 18.5kg : Polarity Protected : Polarity Protected

x) Water proof	: Up to 12 Years
xi) Product Life Expectancy	: 12/03/2022
xii) Date of Installation	: Sealite, Australia
xiii) Make	
xiv) Type of Light structure	: Stationary LED Flashing Light

**वी टी एस रिपीटर स्टेशन उपकरण/ VTS Repeater station equipments:**

क्रम संख्या/ Sr.No	विवरण/ Discription	Qty	Location
i.	UPS – 3KVA Make - APC Sr. No. – B21834007707DOI: 20/07/2019	01	Eqpt room
ii.	Batteries for UPS – 12V/26AH Make – Amaron DOI: 20/07/2019	06	Eqpt room
iii.	Microwave – Antenna Make – FAINI COMMUNICATIONS SYSTEM(KATHREIN INDIA PVT. LTD.) DOI : 11/2020	04	VTS Tower
iv.	ODU/RFU – Flex twist for Antenna Sr. No. R – 440 68292 Sr. No. R – 020 69716 Sr. No. R – 320 85514 Make – HARRIES STRATEX DOI:11/2020	04	Eqptroom
v.	Microwave Mini link ML 6691 Config. 06 IDU Sr. No. CE8A312089 with Mini link 6363 7/324Make: Ericson DOI: 09/08/2019	02	Eqpt room
vi.	RFU/ODU Make- Ericsson S. No. CR9PQ59231 Kandla S. No. CR9N993372 NavinalDOI: 09/08/2019 (02 Nos.) S. No. CR9Q240353Kandla S. No. CR9Q240362NavinalDOI: 17/07/2020 (02 Nos.)	04	Eqptroom
vii.	RECTIFIER – 48V/350W Make – BMSC SR. No. – BS 350/B/4359DOI: 11/2011	01	Eqptroom
viii.	DG Set, 30KVA, 3 Φ Voltage – 415 volts Sr. No. – 042121/1020142 Model – HA – 494 Sr. No. – 042121/1020150DOI: 11/2011	01	VTS TOWER

ix.	AMF Control Panel Sterling Generators Pvt. Ltd 30 KVA, 415V, 3 $\Phi$ , 100 Amps S. No:04-10/187/04, Controller Make: DSE Model: DSE 4520 MKIIS. No. 7204333 S. No. 7204345 DOI: 01/08/2020	01	Power house
x.	Exhaust Fan - Make - Bajaj - 60W/2030v/50HZ Sweep - 350mmDOI: 11/2011	02	Eqpt room
xi.	Automatic voltage stabilizer - 15 KVA Sr. No. 692/670 Make - Delta Electronic	01	Power house
xii.	TPN - 125 Amp Make - L & TDOI: 11/2011	01	Power house
xiii.	LVDB Panel Make - Sterling Generators Pvt. Ltd. Sr. No. 03-10/187/04 DOI: 11/2011	01	Power house
xiv.	Solar Panel Module Capacity: 70W Rated Voltage: 17.00 V Rated Current: 4.20 Amp Make: Vikram Solar Pvt. Ltd. DOI: 16/01/2014	01	Power house
xv.	Battery for Solar Panel Make Exide Power safe, Type SMFCapacity 2V/300Ah DOI: 27/02/2020	24	Stn
xvi.	Solar Control Panel DOI: 16/01/2014	01	Power house
xvii.	Bird Spring S.S 304L DOI: 16/01/2014	120	Stn
xviii.	G.I Bus bar control panel DOI: 16/01/2014	01	Eqptroom
xix.	Solar charge controller - 48 v/45 Amp Make - Su-KamDOI: 16/01/2014	01	Power house
xx.	Automatic Voltage stabilizer Make- RS Power, Input: 140-280V, Output: 230V,Capacity-10KVA, Frequency-50Hz, S. No. 1301052 DOI: 11/2011 Make- RS Power, Input: 140-280V, Output: 230V,Capacity-10KVA, Frequency-50Hz, S. No. 1301050 DOI: 11/2011 Make- Uma Powertronics, Input: 140-280V, Output:230V, Capacity- 10KVA, Frequency-50Hz, S. No. UA-1602012DOI: 10/12/2017 Make- Delta Electronic, Input: 140-280V, Output: 230V, Capacity- 15 KVA, Frequency-50Hz, Sr. No.692/670 Make- Uma Powertronics, Input: 140-280V, Output: 230V,Capacity-10KVA, Frequency-50Hz, S. No.UA-16020006	05 (02 spare)	Power house
xxi.	Air Conditioner Spilt A/C 1.5Ton Make: Blue star Sl. No. 181Y009031791 DOI: 11/2011	03	Eqptroom

	Spilt A/C 1.5Ton Make: Blue star Sl. No. 181Y009031989 DOI: 11/2011 3.Spilt A/C- 1.5 Ton Make: Videocon Sl. No. 11081574200230 DOI: 12/2015		
xxii.	Isolation Transformer - 3 KVA Make - Trusine Electronics Pvt. Ltd. Sr. No. - TRU-IT 005 DOI: 06/2016	01	Eqpt room
xxiii.	Surge Protection Unit (For main light) Make - JMV-LPS LTD (Single Phase)DOI: 6/2016	01	Eqpt room
xxiv.	Surge Protection Unit (For Microwave Equipment) (Three Phase) Make - JMV-LPS Ltd DOI: 06/2016	01	Eqpt room
xxv.	10 KWp ONGRID TIED SOLAR POWER PLANT Solar Panel Capacity:250 W Rated Voltage: 31.00 V Rated Current: 8.10 Amp, Make: Topsun Energy Pvt. Ltd. DOI: 28/03/2018	40	Stn
<b>Energy source</b>			
	Mains Supply- PGVCL Mains - 415V 3-Phase, 50 Hz is available Standby supply - 02 Nos DG set		
<b>On Grid 10 KW Solar Systems:</b>			
	Inverter Make - Delta Part No: RPI 103 FAOE 1000 <b>Model – RPI M10ADOI: 28/03/2018.</b>		
<b>Lift:</b>			
	Lift Make - TRIO Motor - 5.5 KW 14 Amp (Traction Motor) Sr. No. - 10000 73653 Model - EH - 150GDOI: 11/2011	01	VTS Tower
<b>CCTV:</b>			
	CCTV SYSTEM: - IR Dome CameraMake: HI Vision (04 no's) IR Bullet CameraMake: HI Vision (01 no) IR PTZ CameraMake: HI Vision (01 no) DVR 16 CH Make: HI Vision (01 no) Sr No: 628593079 4TB Surveillance HDD WD (02 no's) LCD Monitor 22"Make: AOC (01 no)		

<b>COMPOUND STREET LIGHTS:</b>			
	Total 15 number LED street lights are provided at station. Two number lights are fitted on gate.		
<b>Fire-extinguishers:</b>			
	ABC Dry Powder - 5KG Clean Agent - 4KG DOI: 11/2011.	04 02	
<b>LAND:</b>			
	<ul style="list-style-type: none"> <li>i) Area : 4897.223 Sq.m.</li> <li>ii) Demarcation : Masonry compound wall on all the four sides</li> <li>iii) No. of fruit trees :40 trees</li> <li>iv) No. of non- fruit bearing trees:65</li> </ul>		
<b>STRUCTURE:</b>			
	<ul style="list-style-type: none"> <li>a. LH cum Radar tower: - 60m high RCC circular tower with internal lift facility and staircase.</li> <li>b. Inspection Quarter: - 01 Unit.</li> <li>c. Group D Quater: 01 No.</li> <li>d. Tech building</li> <li>e. Compound wall: - The masonry compound wall with barbed wire coping on the top has been provided on four sides for enclosing land buildings with internal cement concrete pathway.</li> <li>f. Main gate: - M. S. gate has been provided on the entrance.</li> </ul>		
<b>WATER SUPPLY:</b>			
	Capacity: 60000 L		
<b>ADDRESS&amp; COMMUNICATION</b>		Station In-charge, Bhadreshwar VTS station, Taluka: Mundra Dist: Kutch: 370 411	

<b>DATE OF COMMISSIONING</b>	13/02/2012
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