

मास्टर लेजर/ MASTER LEDGER

क्रमसं ख्या/ Sr.No	नाम /Name	विवरण/ Discription
1.	ए.एल.ओ.एल/A.L.O.L.	: ---
2.	स्थान/Position	: LAT 22°31.0'N, LONG 70° 14.47'E
3.	ऊंचाई/Elevation(above MSL)	: 60 Meter
4.	वी.टी.एस.टावर/V.T.S.Tower	: RCC Circular concrete Tower Height: 50 Mtrs : White color. (Bottom to Top)

5. वी टी एस उपकरण/ VTS EQUIPMENTS:

क्रमसं ख्या/ Sr.No	विवरण/ Discription	Qty	Location
I.	X- band Radar Scanner/ Antenna 18" <ul style="list-style-type: none"> ➤ HCP Antenna -18, No. 314240-001 REV-C, Sl. No- 3002 ➤ Turning Unit HCP No:519980-001 ➤ S/N- 3002 ➤ Make Terma ➤ Date of Installation: 13/02/2012 	01	Top Tower
II.	X- Band RADAR Transceiver <ul style="list-style-type: none"> ➤ Scanter 2001,9375MHz ➤ RxTx 19, Type 262001-024 Rev F ➤ S/N- 3019 ➤ RxTx 20, Type 262001-017 Rev G ➤ S/N- 3023 ➤ Date of Installation: 13/02/2012 	02	Eqptroom
III.	Scanter ACU <ul style="list-style-type: none"> ➤ Type : 262382-001 Rev H ➤ SNo:3021, Voltage 3X400V, Freq -47-63Hz Power 4KVA, ➤ Make Terma ➤ Date of Installation: 13/02/2012 	01	Eqptroom
IV.	Microwave Antenna <ul style="list-style-type: none"> ➤ Make -Faini Tele communication System, (Kathrein) ➤ S/N- 08K1MWA0000120020 ➤ S/N- 08K1MWA0000120014 ➤ Date of Installation: 13/02/2012 	02	On Tower wall
V.	KVM Switch <ul style="list-style-type: none"> ➤ Date of Installation: 13/02/2012 	01	Eqptroom

VI.	CISCO Switch <ul style="list-style-type: none"> ➤ Catalyst 2960 Series ➤ S/N- FOC1510X1DA ➤ Date of Installation: 13/02/2012 	01	Eqptroom
VII.	19" VALL Rack 1 No.-HITT	01	Eqptroom
VIII.	19" COMMTEL Rack TCIL	01	Eqptroom
IX.	6 KVA UPS, Make- NGBPS, SI No. JH1027 <ul style="list-style-type: none"> ➤ UPS BATTERY: 12v, 26AH Battery, Make- Amron Date of Installation: 07/12/2013	01 16	Eqptroom
X.	VHF Station <ul style="list-style-type: none"> ➤ Make - Jotron ➤ Date of Installation: 07/01/2020 a) Sr. No. 9617 b) Sr. No. 9619 Sr. No. 9621	03	Eqptroom
XI.	VHF Antenna 03 Nos. <ul style="list-style-type: none"> ➤ Date of Installation: 07/01/2020 a) Sr. No. 492191001 b) Sr. No. 492191002 c) Sr. No. 492191007 	03	On Tower wall
XII.	CSET CPU <ul style="list-style-type: none"> ➤ Make: Kongsberg a) Sr. No. 3053202216 (Date of Installation: 07/01/2020) b) Sr. No. 3468221120 (Date of Installation: 22/07/2020) 	02	Eqptroom
XIII.	Remote Power Distribution Unit (RPDU) <ul style="list-style-type: none"> ➤ Sr. No. 5A1922E04007 Date of Installation: 07/01/2020	01	Eqptroom

XIV.	Radio Unit		
	<ul style="list-style-type: none"> 1. Indoor Unit <ul style="list-style-type: none"> ➤ Make: Ericsson ML 6691 ➤ Sr. No. CE8A318090 (Date of Installation: 31/08/2019) 2. DC Power Supply <ul style="list-style-type: none"> ➤ Capacity: 48 VDC ➤ Make: MEAN WELL ➤ Sr. No. EB91279468 (Date of Installation: 31/08/2019) 3. Outdoor Unit <ul style="list-style-type: none"> ➤ Make: Mini Link 6363 32L <ul style="list-style-type: none"> a) Sr. No. CR9N998318 (Date of Installation: 31/08/2019) b) Sr. No. CR9P727286 (Date of Installation: 22/07/2020) 	01	Eqptroom
		01	Eqptroom
		02	With antenna
XV.	<p>UPS, On line, 3 Phase , 15 KVA for Microwave equipment</p> <ul style="list-style-type: none"> ➤ Make: Schneider Easy UPS ➤ S. No. 9E1904T10166 ➤ Capacity: 12v, 26AH Battery, Make- APC ➤ Date of Installation: 31/08/2019 	01	Eqptroom
		32	Eqpt room
XVI.	<p>Radar Service Display (RSD)</p> <ul style="list-style-type: none"> ➤ Make: Terma ➤ S/N- 4594 ➤ Date of Installation: 20/02/2020 	01	Eqpt room
XVII.	<p>Rack Manager 17" Make: ACER</p> <ul style="list-style-type: none"> ➤ KEYBOARD ➤ MOUSE ➤ S/N- MMT6MSS004915001463P00 ➤ Date of Installation: 17/07/2019 	01 01 01	Eqpt room
XVIII.	<p>Rectifier BSMC Make,350 X 3 Module</p> <ul style="list-style-type: none"> ➤ S/N- BS-350/B/4394 ➤ Date of Installation: 13/02/2012 	01	Eqpt room
XIX.	<p>Split AC's- 1.5Ton</p> <ul style="list-style-type: none"> 1. Blue star Make, Split type <ul style="list-style-type: none"> ➤ S/N- 10129207021/310/30020 ➤ Date of Installation: 13/02/2012 2. Blue star Make, Split type <ul style="list-style-type: none"> ➤ S/N- 10129207021/307/10533 ➤ Date of Installation: 13/02/2012 3. Videocon <ul style="list-style-type: none"> Make, Split type ➤ S/N1108157420022 ➤ Date of Installation: 28/09/2015 	03	Eqptroom

XX.	<p>D G Set :65 BHP,50KVA</p> <ul style="list-style-type: none"> ➤ Make: Kirloskar ➤ Model: Kirloskar brushless ➤ S.No: DS3D01/G132292 ➤ Engine No: 1100085 ➤ Full load Current 69.6A(at 0.8pf) ➤ Starting Battery 12V 130 AH ➤ Make:Exide ➤ Date of Installation: 13/02/2012 	01	Power house
XXI.	<p>D G Set :65 BHP,50KVA</p> <ul style="list-style-type: none"> ➤ Make: Kirloskar ➤ Model: Kirloskar brushless ➤ S.No: DS3D01/G133399 ➤ Engine No: 1100086 ➤ Full load Current 69.6A(at 0.8pf) ➤ Starting Battery 12V 120 AH ➤ Make: Tata Green ➤ Date of Installation: 13/02/2012 	01	Powerhouse
XXII.	<p>Automatic Voltage Stabilizer</p> <p>1. Make : Krykard</p> <ul style="list-style-type: none"> a) Capacity : 16KVA b) Input : 180 to 240V c) Output : 230V AC d) Date of Installation: 24/12/2020 <p>2.Make : Krykard</p> <ul style="list-style-type: none"> a) Capacity : 16KVA b) Input : 170 to 270V c) Output : 230V AC d) Date of Installation: 24/12/2020 <p>3.Make : Uma Power Electronics</p> <ul style="list-style-type: none"> a) Capacity : 16KVA b) Input : 180 to 270V c) Output : 230V AC d) Sr. No : UA 16020011 e) Date of Installation: 02/03/2016 	01 01 01	Power house

XXIII.	50 KVA AMF Control Panel ➤ S/N- 4473 ➤ Indotech Industrial Solutions (P) Ltd. ➤ Date of Installation: 13/02/2012	01	Power house
XXIV.	LVDB Panel ➤ Make L&T M ➤ Voltage 415 V Rating 160 Amps ➤ Date of Installation: 13/02/2012	01	Power house
XXV.	Solar Panel ➤ Make: Navitas	96	
	Solar Inverter, 30 KW ➤ Make: Delta Model: RPIM30A ➤ Date of Installation: 31/03/2017	01	
XXVI.	20KVA UPS Make : Sun Power ➤ UPS battery, 12V, 75AH ➤ Make- Exide Power safe ➤ Date of Installation: 24/02/2018	01 30	Power house
XXVII.	UPS Controller ➤ Date of Installation: 24/02/2018	01	Power house
XXVIII.	Isolation Transformer ➤ CAPACITY 10 KVA ➤ Date of Installation: 17/04/2016	01	Eqptroom
6. CCTV MONITORING SYSTEM			
I.	IP DOME CAMERA	03	
	➤ MAKE: CP PLUS		
	a) Sr. No. 1912011796000505		
	b) Sr. No. 1912011796000415		
	c) Sr. No. 1912011796000396		
II.	IP BULLET CAMERA	05	
	➤ MAKE: CP PLUS		
	a) Sr. No. CP5L045C1PAG03033		
	b) Sr. No. CP5L045C1PAG00618		
	c) Sr. No. CP5L045C1PAG01976		
	d) Sr. No. CP5L045C1PAG02921		
	e) Sr. No. CP5L045C1PAG01863		
III.	PTZ CAMERA	01	TOWER
	➤ MAKE: CP PLUS		
	a) Sr. No. CP5L09D2BPAJ00010		

IV.	16 CHANNEL NVR MAKE: CP PLUS 2 SATA a) Sr. No. CP4L03C90PAZ00018	01	Tech building
V.	24" MONITOR MAKE: DELL a) Sr. No. BCFVCZ2	01	Tech building
VI.	HARD DISK 4TB MAKE: TOSHIBA a) Sr. No. 80NEK50ZFW9G	01	Tech building
VII.	8 PORT POE SWITCH MAKE: CP PLUS (8+2) a) Sr. No. 200811842002309 b) Sr. No. 20200910447081	02	TOWER
VIII.	UPS MAKE: FSP CAPACITY: 600 VA a) Sr. No. 242001508891	01	Tech building
IX.	SMPS POWER SUPPLY FOR CAMERA	01	
LIFT:			
	<p>Inside the 50M high RCC radar tower I lift has been installed as per below specification:</p> <ul style="list-style-type: none"> ➤ Make -TechnoElevators ➤ Motor - 3-ϕ induction motor 5.5KW, ➤ Capacity - 408 Kg/ 6 passenger <p>Date of Installation: 13/02/2012 The License valid up to 09/11/2025.</p>		Inside Tower
COMPOUND STREET LIGHTS:			
	<ul style="list-style-type: none"> ➤ Total 15 number LED lights (10Nos. fitting on G.I poles & 05 Nos. various darkness places) are provided at station. ➤ Two number lights are fitted on gate. 		

FIRE-EXTINGUISHERS:

	<ul style="list-style-type: none">➤ The Following Eight firefighting equipment are provided.<ul style="list-style-type: none">a) Cease fire ABC dry powder (5 Kg. capacity) - 4 Nos.b) Dry chemical powder Clean Agent (4 Kg. capacity) - 2 Nos.c) Fire buckets - 2 Nos. <p>Date of Installation: 13/02/2012</p>	Tower and Power house
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POWER SUPPLY

	<ul style="list-style-type: none">➤ Mains supply - The PGVCL mains, 415V, 3-phase, 50 Hz supply is available. A main is steady and less power cuts.➤ Standby supply - 02 numbers DG Set. <p>The "Kirloskar" Make diesel alternators are provided at the station. Capacity of the DA set is 50 KVA, 415V, 3-phase, 50Hz, 1500rpm. The power supply is controlled and distributed by an AMF panel in selectable 'auto/manual' mode of operation.</p> <ul style="list-style-type: none">➤ 30KWp On Grid Solar System - PV Panel Make: Navitas, Panel Spec. Pmax: 315W, Vmax: 36.5V, Imax: 8.64A, Total PV panels: 96 & 30Kw Solar Inverter, Make: Delta.	
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FACILITIES AVAILABLE:

	Police station 20KM far at Jodiya, Primary school at Balachadi, Primary Health Centre at Hadiyana village.	
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STRUCTURE:

a)	VTS tower	50m high RCC circular tower w Interior lift facility& Staircase.	
b)	Technical Building	:01 unit	
d)	Staff Quarters	: 04 Unit	
e)	Compound wall	The masonry compound wall has been provided on four sides for enclosing land Buildings with internal cement concrete pathway.	
f)	Main gate	: M.S gate at the entrance.	
g)	New Inspection Quarter	: 01 Unit	

WATER SUPPLY:

	<ul style="list-style-type: none"> • 60,000 litres capacity water storage tanks are provided with Narmatha Connection, Sump Motor: Capacity 3.5 HP • Bore well Motor: Capacity 3 HP, Make Ajanta • 500 litres capacity 7Nos. Sintex tanks are also provided on Technical Building, Inspection Quarter, Group-D quarter and R/T Quarter. • 10,000 litres capacity RCC overhead water tank is newly constructed near to IQ. 	
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ADDRESS& COMMUNICATION

	Station In-Charge VTS Radar Station, Balachadi, Jamnagar- Dist Gujarat-361230 Telephone no. 02893- 246255 Email: balachadiradar@gmail. com
DATE OF COMMISSIONING	13/02/2012