



VRR ENTERPRISES

Telecom|Electronics|Electrical | Security Surveillance

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01

INTRODUCTION

Company establishment,
CEO&MD,
Vision & Mission,
Policy



VRR Enterprises

Telecom • Electrical • Civil Engineering

SRINIVAS D

MD & CEO

25years+ industryexperience!

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Administration partner

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VISION & MISSION



VISION

To build and sustain a substantially progressive Company driven by Technology & Passion and set standards and benchmarks for the comprehensive infrastructure Industry



MISSION

VRR's mission is to be the most successful infrastructure company, providing a paramount client satisfaction experience with highly acclaimed design, technology and engineering capabilities. To encourage innovation, professional integrity, up gradation of knowledge and skills of employees and a safe working environment.

QUALITY POLICY!

VRR strives to achieve enhanced customer satisfaction by delivering quality results through timely completion. In safe working environments, we dedicate ourselves to continual improvement in all fields of our business.

Quality Objectives:

- ✓ To consistently deliver quality results by adhering to set specifications, contractual, regulatory and statutory requirement.
- ✓ To achieve enhanced customer satisfaction through cost-effective and timely completion.
- ✓ To motivate and train staff for continual improvement of quality standards
- ✓ To update and implement the procedures complying with Indian/international standards

02

PROJECTS

Existence,
Types of projects,
-Electronics
-Electrical
-Telecom
-Security & Automation

EXISTENCE & PROJECTS



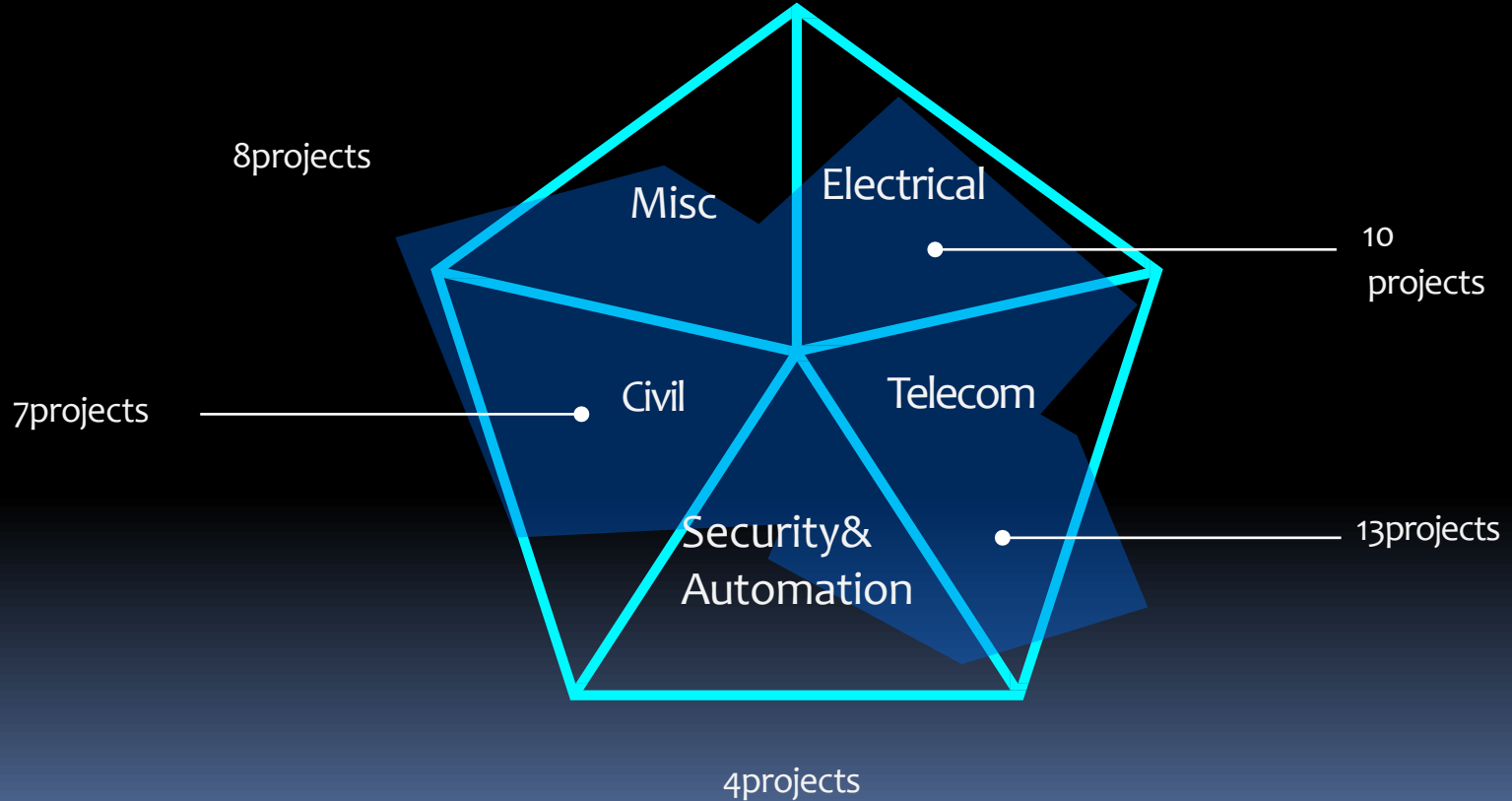
20 years+

Yearsofgrowth

30+

Trunkeyprojects

PROJECTS PER STREAM



EPC(Engineering,Procurement& Construction

VRR Enterprises, office in Hyderabad has engaged in Telecom, Electrical and Civil Works which are related to government as well as private clients. We mainly deal with the projects, since its inception to establish a tycoon in infrastructures & turnkey projects with a dedicated professional team. Based on this confidence, we have started our journey and have already bagged some prestigious projects. We are confident in reaching to all of you globally within a very short time. We need your patronage to provide service to the Ultimate satisfaction to you and your associates.

- Electrical Transmission&Distribution
- Telecommunication
- Surveillance
- Civil Works
- Warehousing

VRR is one of the prestigious L2 partners of **T-Fiber**

TelecomProjects

T-FIBER

Telangana Fiber Grid is envisioned to establish a state-of-the-art network infrastructure to all villages to facilitate the realization of 'Digital Telangana'

On going areas: Siricilla, Mahabubnagar, Balanagar, Kamareddy, Nizamabad, Karimnagar

Underground

Aerial

Trenching

Ducting

Splicing

Termination

I&C



Siteimages



Trenching



Ducting



Backfilling



DRT(Ductrodtest)



AerialOFC



R C



Micro
Trenching

Blowing

Community
coverage

Shallow
Trenching

Duct
clamping

Access
chambers

URBAN FTTH & FTTH

Fiber To The Home ensures complete broad Band network connectivity using optical fibre cable to provide all or part of local loop used For last mile telecommunications

Areas:
Ahmedabad, Vadodara,
Palampur, Mumbai



Shallow trenching



Cable blowing



FAT



Chamber

4G TOWER INSTALLATION

Upgrading existing towers and
RoW

Improving RF strengthening in
densely populated areas Micro
tower, Antenna installations

Connecting and maintaining
control room equipment

Future scope: 5G Installation

Areas:
PAN India

RFIsurvey

Frequencystest

Material
handling

Controlroom

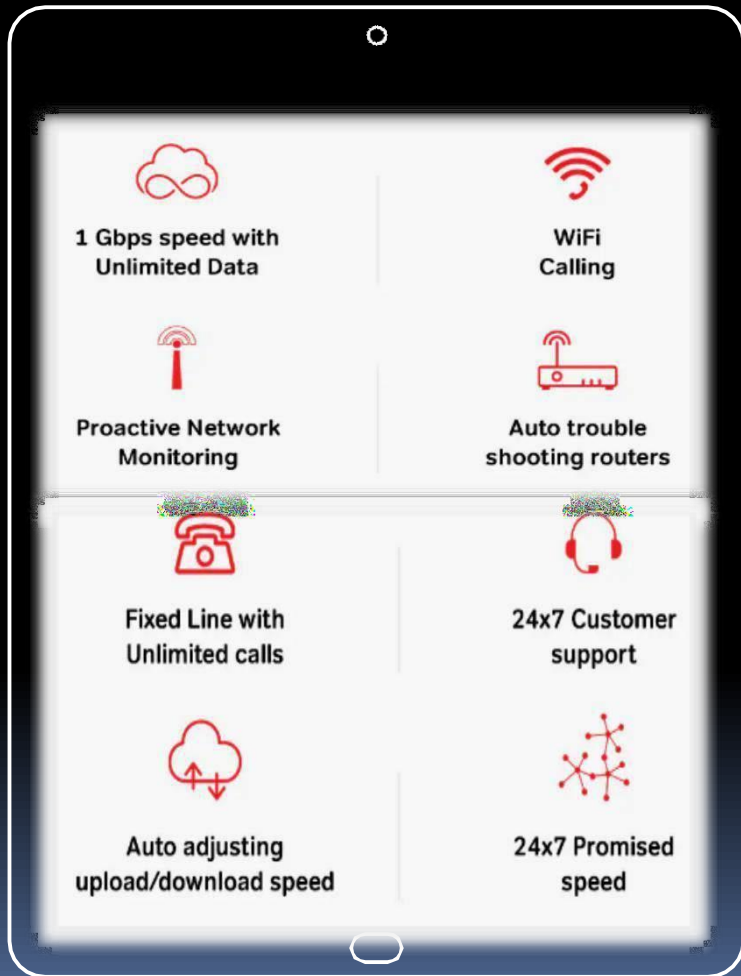
HW &
Networking

Antenna



Our Telecom projects include:

1. T-Fiber
 2. Gujarath FTTH-JIO
 3. Gail UG Cable work's
 4. Maharashtra AerialOFCwork's - ITI
 5. Airtel LM's
 6. Airtel FTTH/FTTX
 7. TCILProject at Visakhapatnam Naval Dockyard
 8. Many Smart Citiesimplementationworks.
 9. Huge experience in RF AND Wireless telecom towers installation and underground optical cablelayingfiber.
- OFC end to end Solutions which fulfills the industries interest places even further demands on more-efficient data communications.
 - Many Smart Cities implementation works.
 - Kalpataru OFC Cable Works-Ramagundam to Rajahmundry- GAIL.
 - Telecom towers maintenance contracti n Andhra pradesh.
 - Maharastra UFTTH



IDMS&FAT

Poleerection

Stringing

Splicing

HOTO

Termination

AIRTEL FTTH/FTTX

Airtel Fiber To The Home
Includes Aerial cabling of 48F
ADSS for each and every
FSA(Feeder Service Area)ensuring
Phase-1 fiber connectivity which
will be terminated near houses.
Extension:Ph-2(IBD)

Areas:
Krishnareddynagar
colony,Tarnaka

Site Pictures



Maha Net

Point to point connectivity 48F ADSS using aerial cabling which is the first phase of Digital Maharashtra

Includes aerial cabling and termination(I&C)of network equipments

Span:3000kms

Advances:5G

Areas:Satara,Maharashtra

JioFiber

Installation

Material handling

Commissioning

Networking



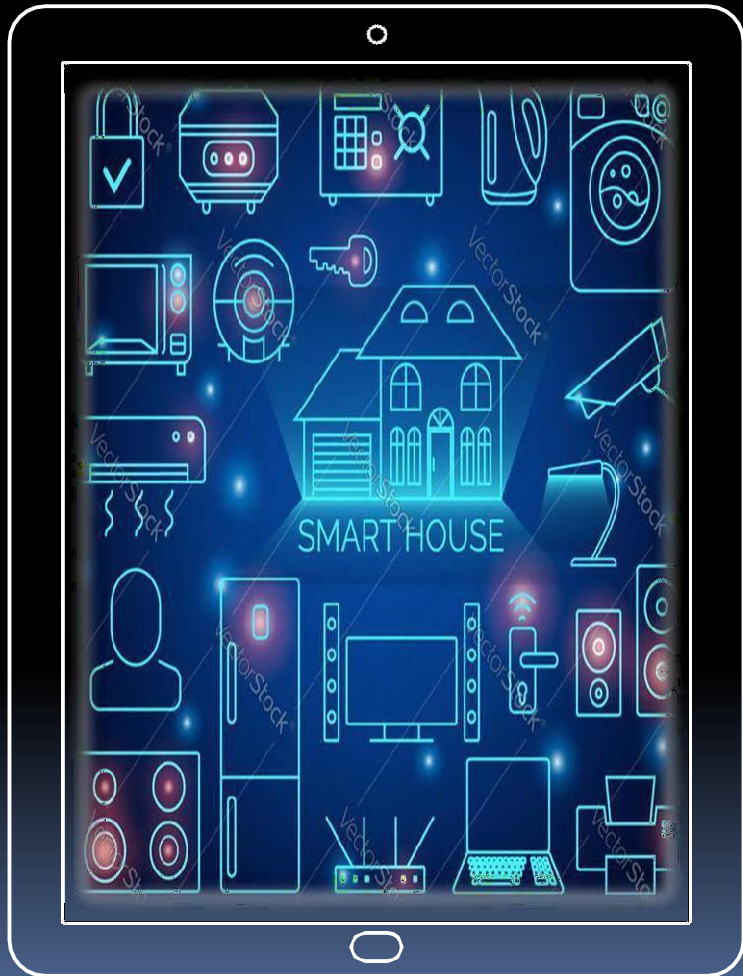
Site pictures



Airtel Last mile is the final leg of delivering connectivity from an operators' end to the customer's place, in case of broadband services this can be either over wireless or through wired lines.

Span:Aushapur,Peddakaparthi,Mahaboobnagar,Nagarkurnool,Ranga reddy,Nalagonda etc....





Sensors

Installation

Routers

Mobile
connectivity

BMS

HOME AUTOMATION

Speed Lightning-fast internet is not make-or-break when it comes to building a functional smart home
Apartment coverage by single wireless router

Area: Telangana

VRR is End-to-End security services provider for complete building security protection

SurveillanceProjects

ACCESS CONTROL

Access control system and Biometric management system for medium to large scale organizations with complete integration with other security systems using OPC Protocol HW and SW installation

OEM:HID,Morpho,Bosch, Siemens,Honeywell
Client sites:IAF,Wipro(Defence)

Multi Technology

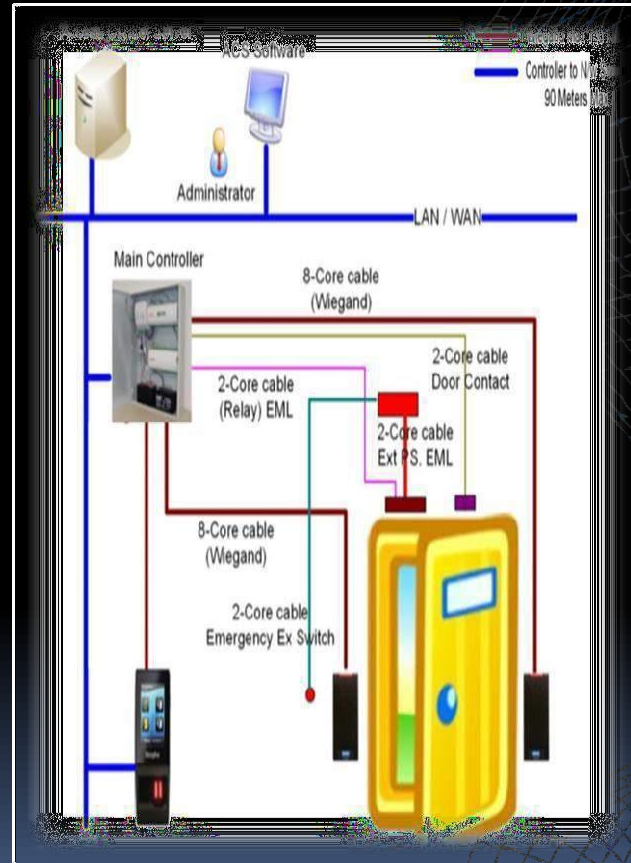
125KHz& 13.56MHz

Smart card

Card+PIN +Finger+Face

Longrange

3 Tier & 2 Tier





Indoor

Outdoor

Thermal
cameras

IPDome

Bulletcamera

PTZCCTV

PoE

VIDEO SURVEILLANCE

End-to-End Supply and Installation of Network/IP CCTV camera as for overall building protection. VRR offers a large selection of IP cameras that are guaranteed to work with our NVRs, and are also ON VIF compatible

OEM: Hikvision, Bosch, Tyco,
Honeywell
Client sites: IAF, Wipro (Defence)



Reports

Accesscontrol

CTV

Intrusion

FireAlarm

IBMS

Public
Addressing

SECURITY SURVEILLANCE

Complete building surveillance system integration on a single platform for End-to-End security solution on a single server using Building Integration Software OPC protocol Includes emergency evacuation services

OEM : Bosch
Client sites : IAF

VRR is one of the few **CLASS-I** certified electrical companies
in Telangana

Electrical Projects

SMARTMETER, ASSAM

Smart meters ensures real-time power transmission and processing of power consumption (cumulative) periodically
2 way communication between the meter and the central system

Areas : Assam, Uttar Pradesh, Telangana, Jharkand

Sitesurvey

IMEI, Sim

GPRS
connectivity

Installation

Operation

Maintenance



EV Charging stations :

A charging station is a piece of equipment that supplies electrical power for charging plug-in electric vehicles (including hybrids, neighborhood electric vehicles, trucks, buses, and others).

Although batteries can only be charged with DC power, most electric vehicles have an onboard AC-to-DC converter that allows them to be plugged into a standard household AC electrical receptacle. Inexpensive low-power public charging stations will also provide AC power, known as "AC charging stations". To facilitate higher power charging, which requires much larger AC- to- DC converters, the converter is built into the charging station instead of the vehicle, and the station supplies already-converted DC power directly to the vehicle, bypassing the vehicle's onboard converter. These are known as "DC charging stations". Most fully electric car models can accept both AC and DC power.

Area: Telangana, Andhra Pradesh, Karnataka & Maharashtra



SOLAR (CIVIL,ELECTRICAL & ERRECTION)

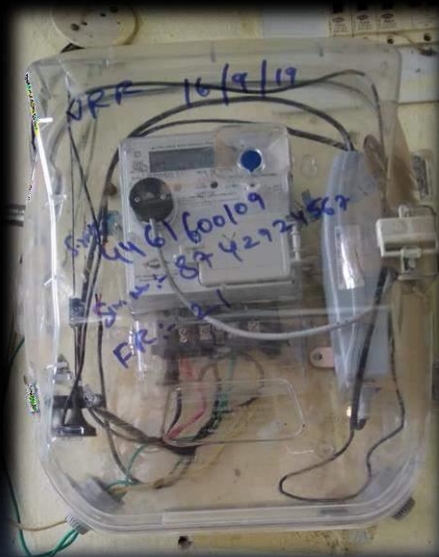
We have given Service for Reliance Jio-Solar Installation along with civil foundations at Bijapur. Electrical Work (9kW / 10.5kW/7.5kW/4.5kW /5.25kW/ 6kW) modules of 28,24,20,16,14,12,8 with their civil Foundations and Excavation.

Area:Bijapur

Site images



Site images



Meter labelling



Running meter



Installed meter with wires inplace



33kVUGcabling
parameters

Towererection
Conever

Substation
Temperature

O&M
Winding

SolarRooftop
Alarm handling

OFCUG
Maintenance

TRANSMISSION

- 33kVsingle
And double circuitlines
- 33kV substations
- Solar installations

Areas: Dharmavaram,
Ananthapur,
Hyderabad



Distribution transformer



Meter installation



Manual parameters measuring



DT meter parameters

IPDS Cabling

Integrated Power
Development Scheme
33kV&1kV underground
cabling

Infrastructure upgradation in
urban areas

Underground cabling in
densely populated areas

Areas: PAN India

Sub-transmission

Distribution

Feeder
metering

Solar panels

Grid
connectivity

Substation

Integrated Power Development Scheme

उज्ज्वल और सुन्दर काशी की ओर...

22500 Service connections
wired through Underground
System, 11000+ charged

600 km Underground
Cable laid

Ujjwala

Progress Monitoring
through Kashi IPDS App

Capacity enhancement
of Kabir Nagar &
Bhelupur substations
completed





Tower bedding



Tower erection



UG Cabling



Measurement



Solar panels installation



Realtime
parameters

Oillevel

Temperature

Winding

Alarmhandling

Maintenance

DT METERING

DistributionTransformer
metering/installing Data
Concentrator unit for analytics
in power consumptionin
distribution transformers in
Jharkand, karnataka and UP
substations for smart grid
distribution

Areas : Kamataka,
Jharkand,Telangana

Site images



Distribution transformer



Meter installation



Manual parameters measuring



DT meter parameters

Electrical

IOCL Malkapuram

Electrical , Surveillance
and HVAC contract for
new Bottling plant of
IOCL

Includes end to end CCTV
installation, interior and
complete electrical supply
and installation in

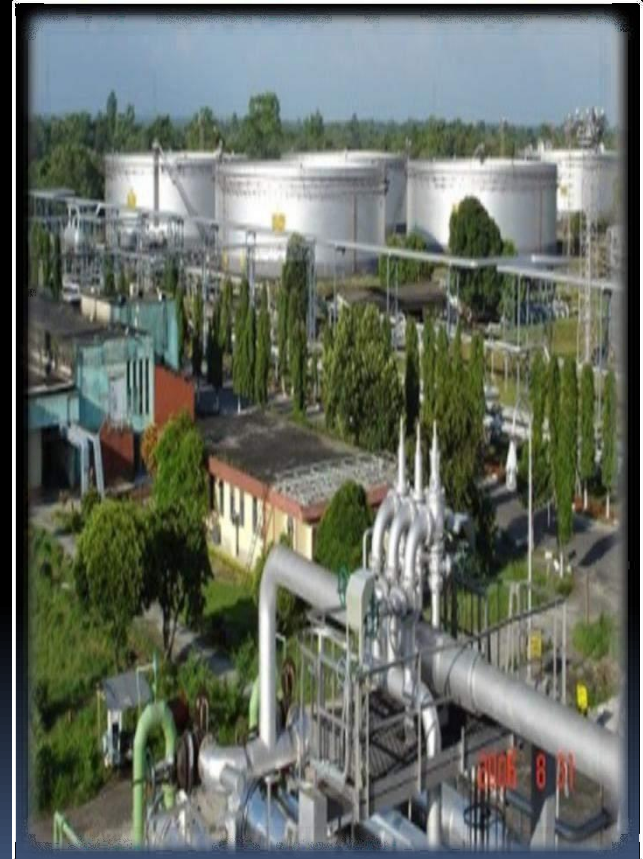
Plant Malkapuram, Hyderabad

CCTV

High Voltage AC

Transformers

Roadlighting



A tablet device is shown in the center-left of the image. The screen displays a photograph of a large array of solar panels installed in a field. The sun is low on the horizon, creating a warm, golden glow and casting long shadows across the panels. The sky is filled with soft, orange and yellow clouds. The tablet has a white border and a small circular home button at the bottom center.

Scaffolding

PanelMounts

Solarpanels

Wiring

Inverter&
Battery

Test&
Maintenance

SOLAR PANEL INSTALLATION

Providing end-to-end
installation of solar PV system
installation and maintenance

Avg rating:1kWh per day
350W panels,10.5Kw and 1kw

Area:Uttar
Pradesh,kamataka,Bijapur,Telangana

Our Electrical projects include:

- Meters Installation
- Under Ground Power Cable works at Visakhapatnam under world bank funds
- Under Ground Power Cable works at Maharashtra
- Smart Energy Meters works
- IPDS, DDUGJY works in Pan India
- Solar Equipment Installation - JIO
- Sub Stations/Switchyard, Distribution System up to 33KV
- All types of Cable Laying, Termination &
- Earthing with Earth Station by pipe or plate electrode

VRR is into Airport construction and R&B projects Can be your warehousing partner!

Civil & Infrastructure Projects

Siteimages



Building construction



Earth works



HNSS canal work



HPCL Pipeline work



Road construction

WARE HOUSING SOLUTIONS

VRR provides complete solution of warehousing including pickup & delivery of the goods & services



Our Civil& Infrastructure projects include:

- Midmanner damwork
- HNSS canal work
- HPCL Pipeline work
- Roads contracts
- Building constructions
- GMR Airport
- Earth works
- Ware house maintenance

03

CLIENTS

Esteemed business associates of
VRREnterprises

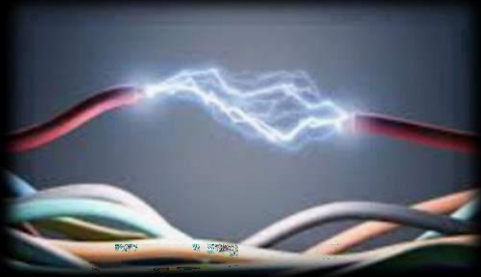


POWER OF TECHNOLOGY ...etc. POWER ing the nation

04
**VRR Scope &
Resources**

SERVICE SECTOR

ELECTRICAL



INFRASTRUCTURE



SECURITY & AUTOMATION



TELECOM



SMARTMETER



AIRPORT



Resources

VRR has procured latest State-Of-Art Machinery& Equipment.
Equipment details are given below

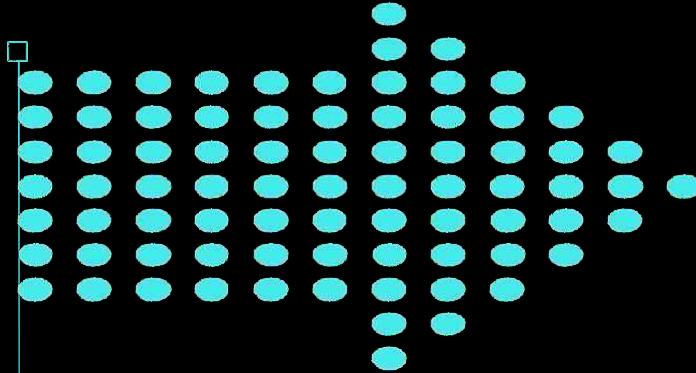
Machinery details:

Equipment Quantity		Equipment Quantity	
HDD Machine	3	OTDR,Rodo meter	4,2
Blowing Machine	2	Compressor with JackHammer	1
Trencher	4	Splicing machine	4
Fusion Machine	1	Generator set	1
Excavator	2	Optical TalkSet	4
Petzel Belt	3	Cablelocator	2
Hydra	1	Laser Source& Power Meter	2

THANKS

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