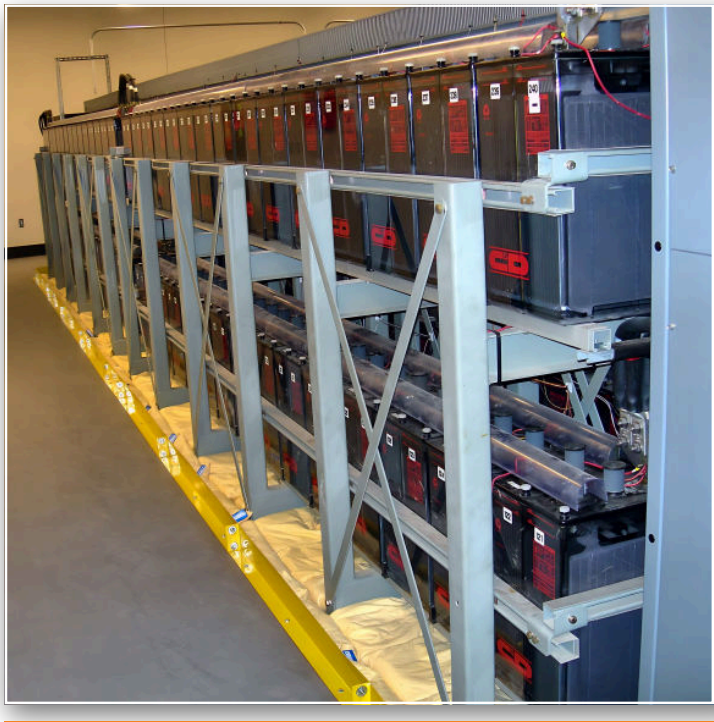
www.mezux.in

MEZUX
GPR SURVEY

Pan-India EPC contractor for telecommunications infrastructure — GPR survey, HDD drilling, network construction and government liaisoning. Triple-ISO certified.

Telecom Civil Works Contracting





Our telecom civil works solutions are based on years of experience within project management, site acquisition, civil works and telecom rehabilitation, maintenance and installation.

Electrification
Building Maintenance
Access Road Maintenance and Construction
Maintenance, Installation and Commissioning
Servicing and Rehabilitation of Electrical Works

INTRODUCTION

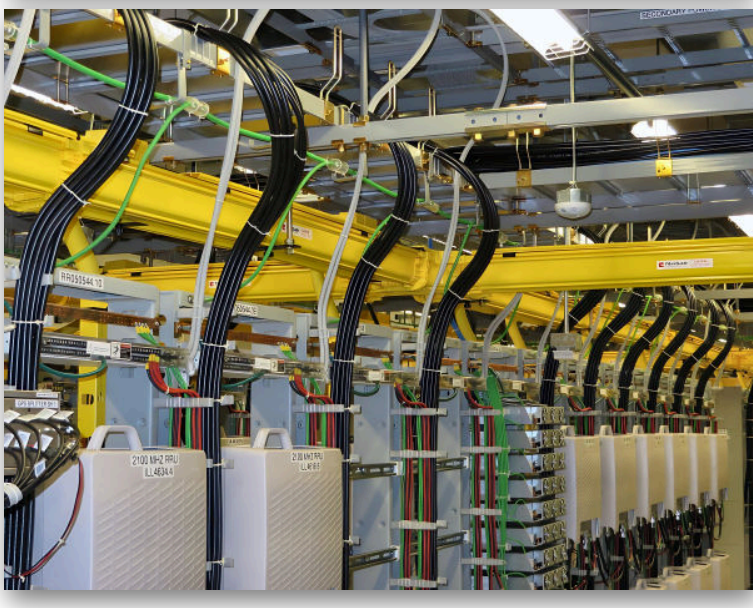
MEZUX Touch is well established & registered company in telecommunication field. The company is providing telecom infrastructure services.

MEZUX , is the team of highly talented and experienced engineers' supervisors and contractors to help in telecom infrastructure development, having experts in Installation & Commissioning for BTS, SDH, DLC, UBR, LMDS etc., Transmission Network Design & Implementation, Electrical Installation, Civil Foundation, Civil Survey, Shelter Erection and Tower Erection works for GSM & CDMA networks.

MEZUX Touch commencing operations by installing and maintaining switching equipment and gradually moved on to provide full turnkey infrastructure rollout services. Other services include telecom equipment implementation & commissioning, optical fiber cable roll out and operations & maintenance. Mezux Touch Pvt. Ltd. is one of the fastest growing companies in Telecom sector in the country; actively involved in different telecommunication and infrastructure projects. MEZUX Touch has been zooming up the growth curve at a feverish pace. Within a very small period of its establishment, MEZUX Touch comes up with quality control execution of various telecommunication projects.

Mezux Touch Pvt. Ltd. - A value driven service provider Company that understands YOUR exceeding business needs.





Smart Cell Sites Maintenance

- On-going Rehabilitation & Maintenance of Smart Telecoms Towers.
- Bolt Tightening and Torque application
- Bolts/Nuts for Guyed Tower and Self-Supporting Towers
- Equipment Room / Van Rehabilitation
- Electrical and Grounding Rehabilitation

Supply, Installation & commissioning external works:

- Tower / mast / mono poles
- Shelters
- DG sets / power back up
- Air conditioning
- Civil /foundation / Reinforcement
- Electrical
- Alarms
- Lighting

The Total Solutions :

- Foundation works of Roof top towers along with shelter and DG foundations. Foundation works of Ground based towers along with shelter and DG foundations.
- Any peripheral works like boundary wall, fencing works, guard room, toilets and approach road etc.
- The various types of footings executed by us include isolated footings , combined footings, pile Foundations and L and T type beams for DG / Shelter foundations.

EE/ME Works

MEZUX was conceived to serve the needs of individuals and commercial firms for a reliable contractor who can best attend to their requirements by providing higly-skilled engineers with extensive exposures in the field of project management, installation, electrical design engineering and servicing. MEZUX provides technical expertise in installation, commissioning and after sales of all its products, and to provide quality of work and services at most reasonable prices.

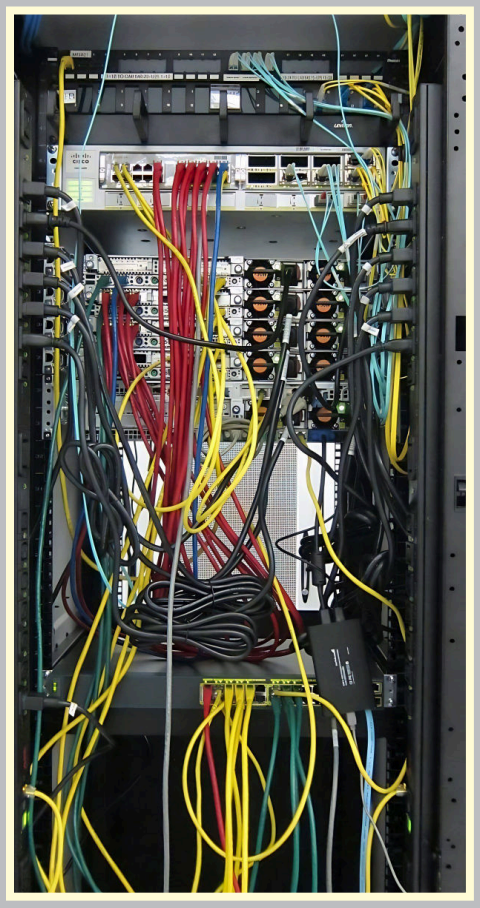
- Electrical and Mechanical Contracting Services
- System Design/Review
- Servicing and Rehabilitation of Electrical Works

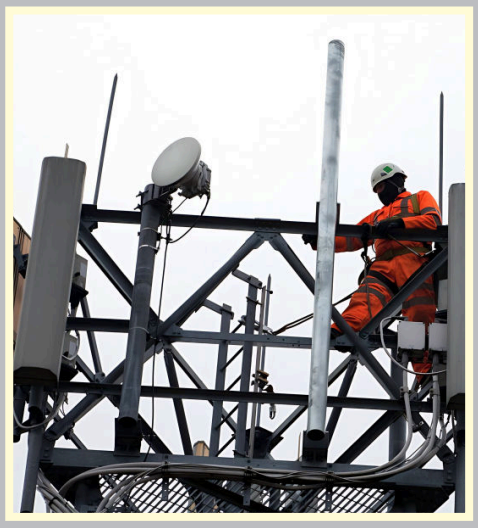
Design And Manufacturing

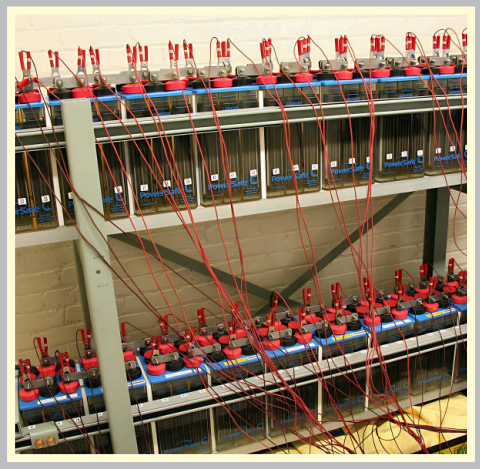
- Telecom Cabinets
- Data Racks
- Panel Boards
- Wire ways
- Cable trays
- Other custom designs

Data Communication

- Network Cabling and Infrastructure installation











Telecom Equipment Installation, Commissioning And Integration

MEZUX specializes in the Equipment Installation, Commissioning and Integration by providing optimum service of our highly-skilled and professional workforce

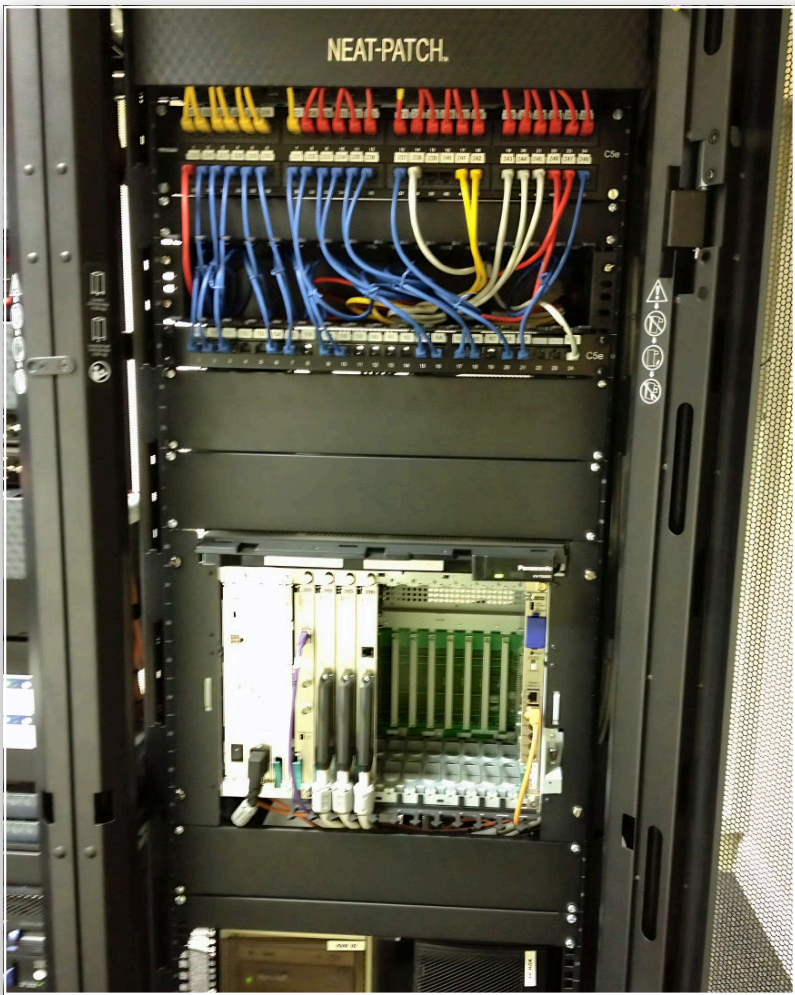
- Equipment Retrofitting and Installation
- Equipment Commissioning and Integration
- Thermal Management and Power Audit

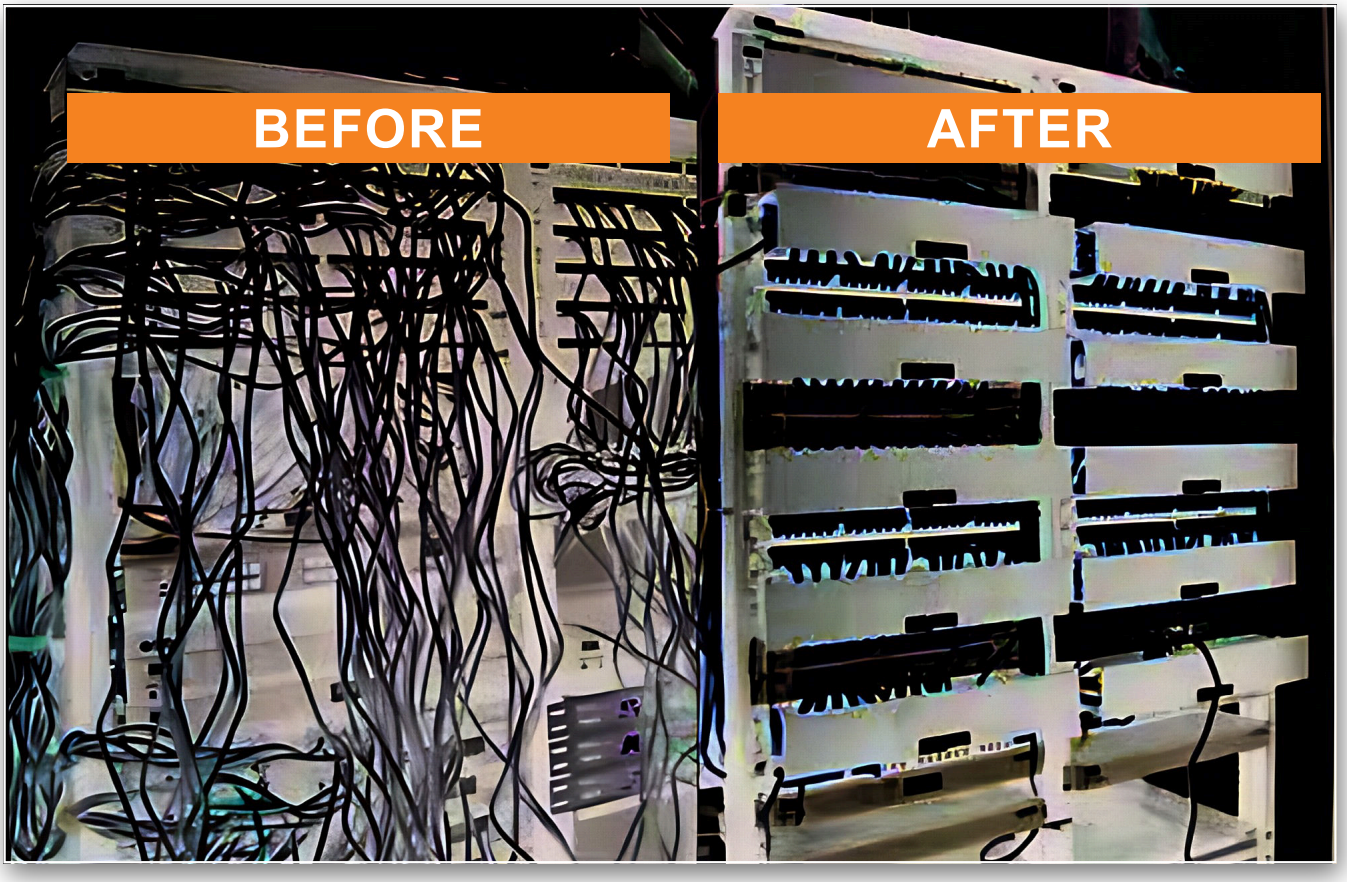
Telecom Cabinet Cooling System

Part of MEZUX 's Research and Development is our thermal management and power audit. We are constantly developing special solutions to store and release thermal energy inside a shelter or in electronic enclosures, this includes heat exchanger, battery coolers and customized designs that are proven reliable and effective without compromising the power load.

Digital Loop Carrier Cabinet Retrofitting, Equipment Installation, Commissioning And Integration

Another facet of telecom engineering services that MEZUX is capable to perform "without down time" is DLC cabinet retrofitting, equipment installation, commissioning and integration.





Retrofitting

- Installation of special built mounting bracket
- Transfer of location of existing circuit breaker and termination to existing DC power supply
- Installation and mounting of back mount frame and strips
- Re-arrangement and space creation

Equipment Installation

- Equipment and accessories unpacking and inventory
- Installation of equipment
- Installation of power cables from equipment sub rack
- Label information on DC breakers / fuses and newly-installed cable / wiring
- Grounding of equipment sub rack
- Laying of all fiber cables / patch cords and major distribution frame cable
- Marking / tagging of rack shelves for maintenance purposes
- Installation / mounting of MDF splitter line cords and terminal block
- Aggregator switch ODF patching at DLC cabinet
- Termination / labeling of signal / tributary cables in major distribution frame
- Continuity testing of the signal cables after the termination
- 100% buzzer testing of all lines / ports
- Labeling of equipment and materials

Structured Cabling

Structured cabling is building telecommunications cabling infrastructure that consists of a number of standardized smaller elements (hence structured) called subsystems. Structured cabling falls into six subsystems:

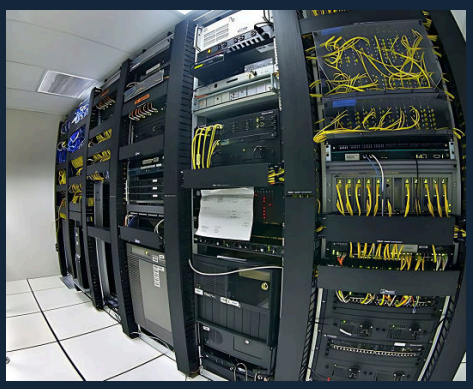
- Entrance Facilities are where the building interfaces with the outside world.
- Equipment Rooms host equipment which serve the users inside the building.
- Telecommunications Rooms house telecommunication equipment which connect the backbone and the horizontal cabling subsystems.
- Backbone Cabling connect between the entrance facilities, equipment rooms and telecommunications rooms.
- Horizontal Cabling connect telecommunications rooms to individual outlets on the floor.
- Work-Area Components connect end-user equipment to outlets of the horizontal cabling system.

Structured cabling design and installation is governed by a set of standards that specify wiring data centers, offices, and apartment buildings for data or voice communications, using category 5 (CAT 5E) or category 6 cable (CAT 6) and modular sockets. These standards define how to lay the cabling in a star formation, such that all outlets terminate at a central patch panel (which is normally 19 inch rack-mounted), from where it can be determined exactly how these connections will be used. Each outlet can be 'patched' into a data network switch (normally also rack mounted alongside), or patched into a 'telecoms patch panel' which forms a bridge into a private branch exchange (PBX) telephone system, thus making the connection a voice port.

PROJECT GALLERY

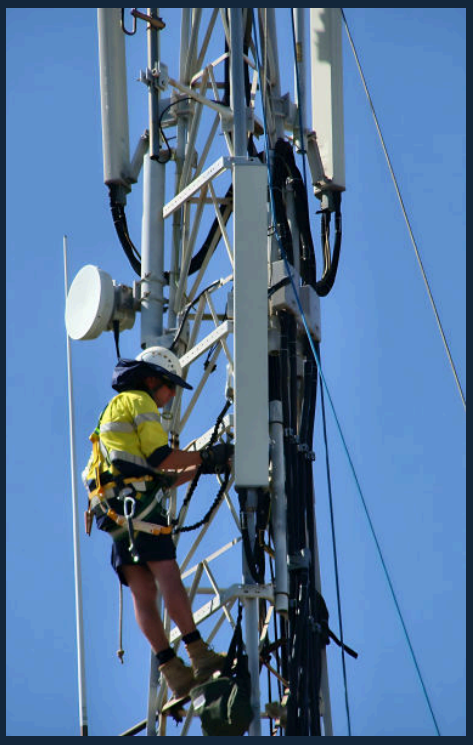
Towers, shelters & installations

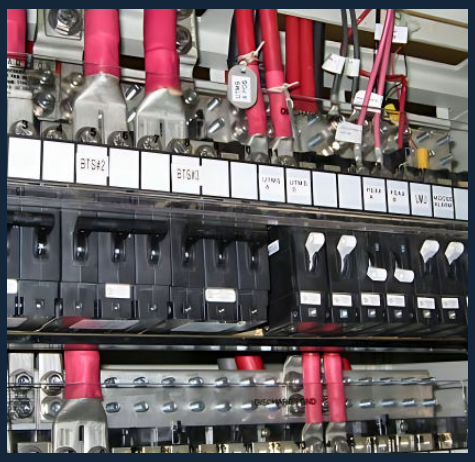
Site acquisition to commissioning – delivered by our own teams

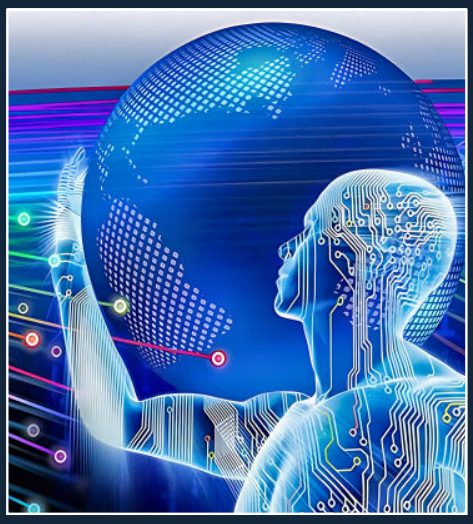










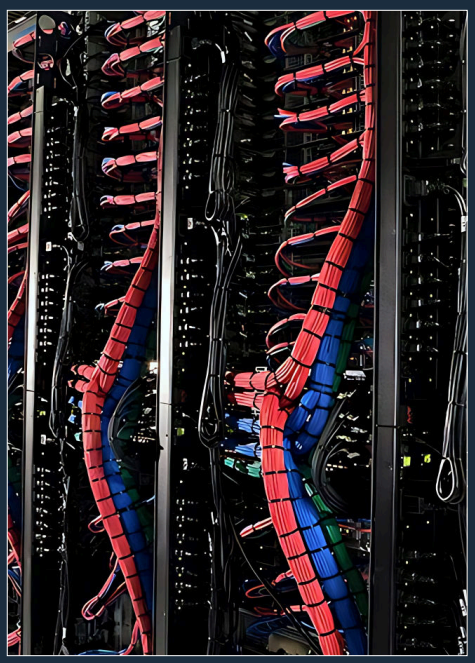


IN THE FIELD

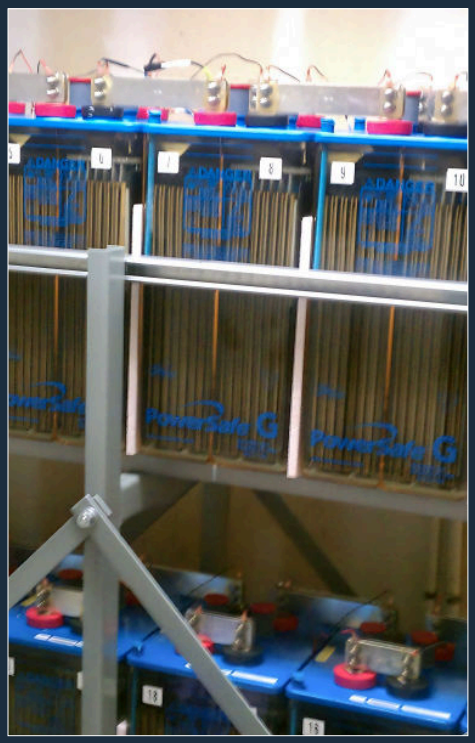
Cabling, power & site works

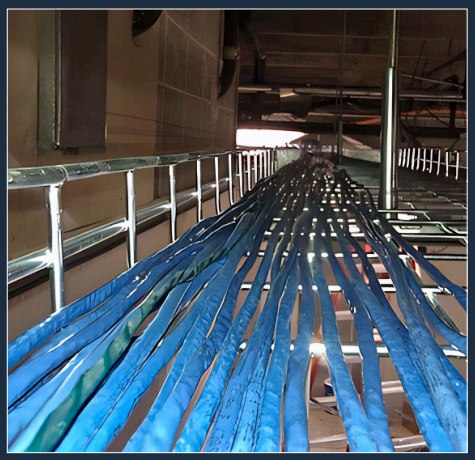
Precision installation for India's leading telecom operators

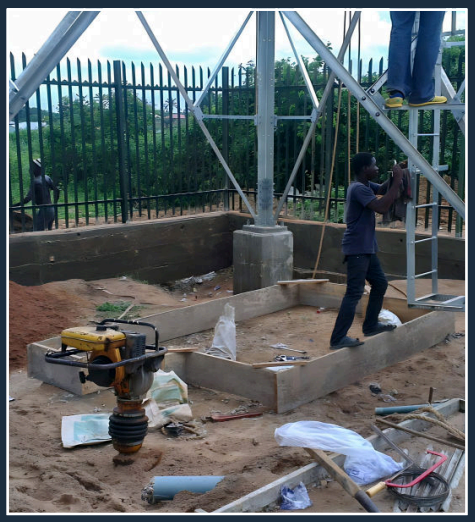












Cell Sites Acquisition

- Identify suitable land.
- Obtain information on accessibility to the site with maps and drawings.
- Document collection and verification with revenue authorities for ownership.
- Verification of title and mother deed, Tax dues and other liabilities.
- The documents are then given to a local senior advocate of standing, who after careful scrutiny issues a due diligence report.
- Our representatives and lawyers are made available till the deed is registered in the name of our company or the operator, as the case may be.

Civil Infrastructure

- We will prepare Designs of foundations as per the customer's requirement and site conditions. We have our own dedicated structural designing team. MEZUX have their own software to design all structural drawings for tower / shelter / DG / AC foundations.
- We will have our own team for investigation of soil baring capacity for tower foundation designing.
- We will have our expert team to construct the tower foundations.
- We will have expert teams for: -Tower erection & painting -Shelter foundation & installation -DG foundation & installation -AC foundation & installation

Electrical Infrastructure

- Internal & External Electrical work: We carry out supply and installation of the internal and external electrical work.
- Internal work of equipment shelter: Which includes internal cabling, switches, MCBs, tube lights etc.
- Supply & installation of Fire Alarm Systems
- External work: Earthling: We carryout complete lightning conductors installation & earth work. Aviation Lamps: We Supply & Install Aviation Lamps as per the standards and Aviation Rules.

Installation & Commissioning

We are the leading service providers in BTS outdoor and indoor work

Outdoor

- Fixing of cable ladder for supporting
- Outdoor work consists of fixing of RF antenna and Microwave antenna
- Routing of cables
- Clamping
- Ground / Earthling

Alignment of Antenna as per specifications

Indoor

- Installation of Radio Base Station (RBS)
- Installation of Transmission Rack
- Fixing of cable ladder
- Grounding of equipments

Installation of rectifier and battery bank

With the Deep technical knowhow of Project Planning to Commissioning of telecommunication projects and technical support Mezux Touch is committed to provide turnkey solutions in a shortest possible time and with utmost accuracy.

OUR CLIENTS

Trusted by India's leading networks

SERVICES AT A GLANCE

Telecom infrastructure, end to end

- Rack Installation
- Installation of Rectifier
- Installation of Battery (17Ah to 65Ah)
- Installation of Fuse Panel / DCDB
- UT STAR in New Shelter
- UT STAR in Existing Shelter (Expansion)
- Mini DSLAM Installation
- De-installation of Microwave Equipment
- Installation of DDF Frame
- Supply of BNC Cable
- Laying of BNC Cable
- Supply & Preparation of BNC Male Connector
- Supply & Preparation of DIN Male Connector
- Supply & Preparation of BNC Female Connector
- Supply & Preparation of DIN Female Connector
- Installation of IPADSL Card / Loop Shelf
- New UT Star Shelf Installation
- Transportation of Material – BW to Site
- Transportation – Site to Site (4-wheeler)
- Transportation of Material – TTML to Site
- Supply of 16 sq mm Cable for Battery Bank
- Supply of 1.5 sq mm Cable for DSLAM
- Supply of 25 mm Flexible Pipe for DSLAM
- Supply of 40 mm Flexible Pipe for DSLAM
- Supply of 6 sq mm Green Cable for DSLAM

MEZUX
GPR SURVEY

MEZUX TOUCH PVT. LTD.

Triple-ISO Certified · ISO 9001:2015 · ISO 14001:2015 · ISO 45001:2018

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