



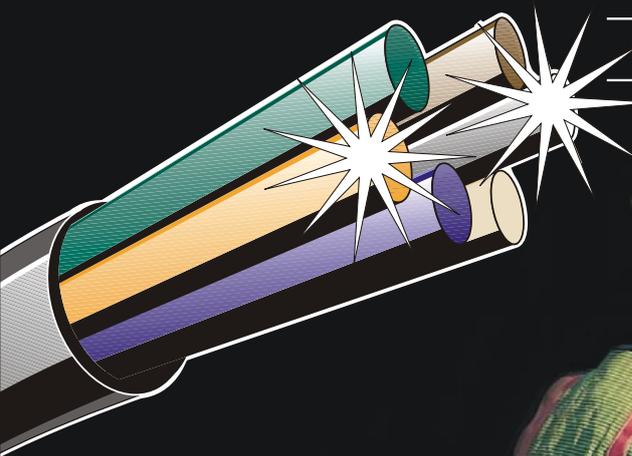
***Naagar Infrastructure (P).Ltd.***

## **Trenchless Technology**

**Onsite Consultations, Auto CAD Designs, Permission/R.O.W**

**As Built Drawings, Detailed cost/Time estimates**

**Technical Consultations/Recomedation, Site Inspection**



### **An Introduction**

#### **Pioneers in Trenchless technology...**

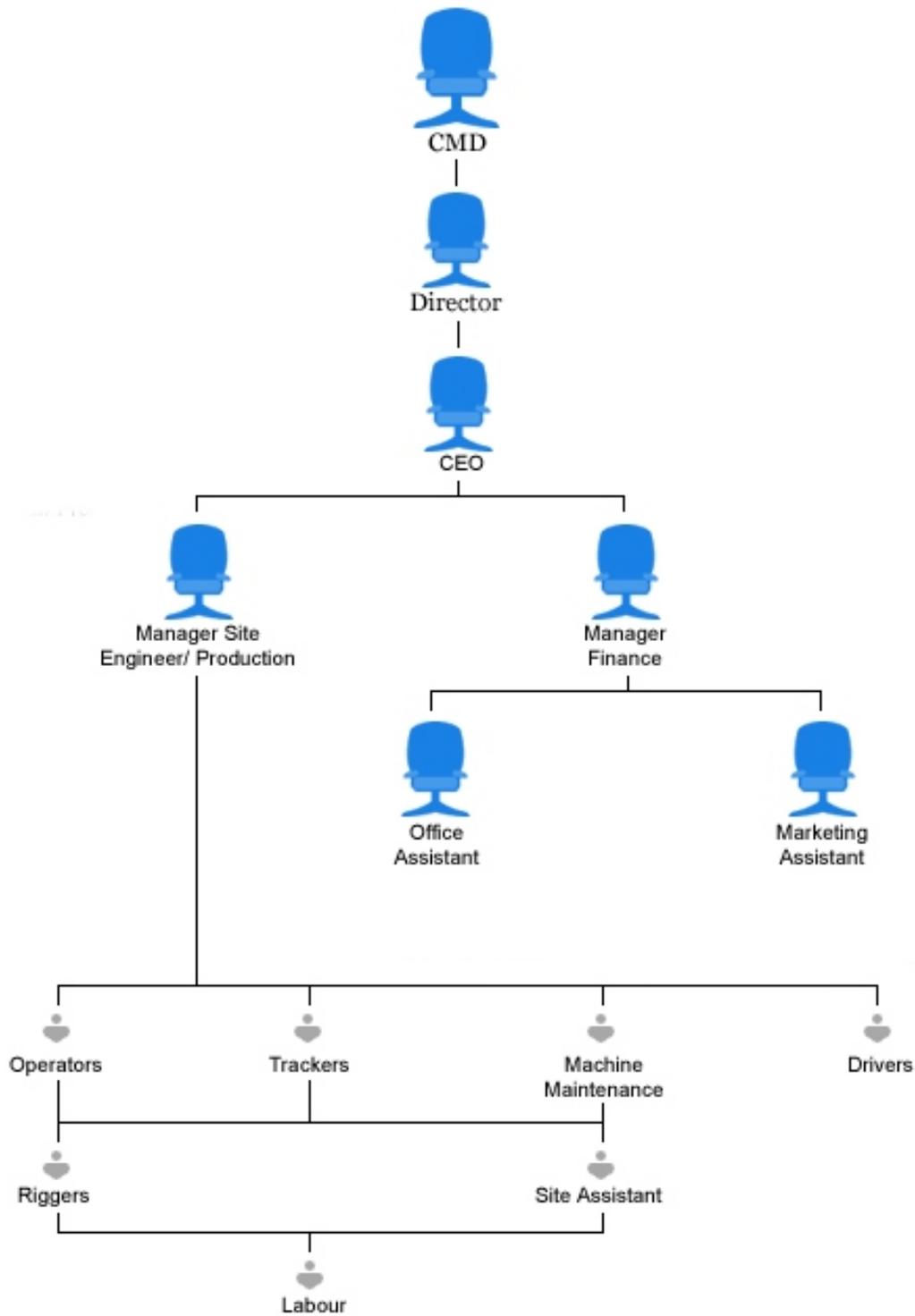
We have been working for almost all Telecom Companies and have been providing them with best results. With an experience of over 5 years, we have gone to become one of the best if not the best in the industry. Our sole Aim is to provide full customer satisfaction.

We provide our customers very cost effective solutions for effective Trenchless work. We have a very efficient team of Engineers, Supervisors and Workers who have ample experience to carry out hassle free work in Trenchless Technology .

We have state of art modern latest machinery imported from China, which helps us to give most efficient and cost effective solutions to our customers. We started as very small construction company and have now gone on to become one of best with our turnover touching few crores.

We have a dedicated Research and Development Team which helps in further innovations by putting creative ideas into reality and also R&D department is the backbone of any organization. Our strength lies in total commitment to quality and service, which is ensured by a team of dedicated professionals.

# Our Competence



Our relentless R&D makes us one of the leaders.

Best in identifying future technology in Trenchless Technology.

Front runners in search for improving power quality.

Experts in inventing cost effective processes and technologies in the field of trenchless work.

An aggressive marketing team.

Highly experienced team in information technology.

Masters in financial planning.

Highly competent team in disaster management.

As a team of innovative minds which relentlessly endeavors to improve the existing systems in all spheres of life, we strongly feel that whatever be the task assigned to us, we can perform equally well if not better than others in the field.

# Our Machinery



## DIRECTIONAL DRILLING RIG

### Model No.ZT15L

**Product Description:** ZT-15L Directional Drilling Rig adopts the high intensity rubber track chassis and all in one structure of power station and driller in order to be convenient for movement and raise flexibility .The motive is provided by the Cummins diesel engine, the motive is abundant, the function is settle. The rotary drive is driven by two motors for steady rotary and large torque. The feeding part adopts chain driving mode to provide equal feeding and pulling power, can be used for long distance installation. Driller can use two hydraulic clamps for the making up and treating away of drilling rods easily. Easy operation of all hydraulic drives and central control from the Control Panel.

## DIRECTIONAL DRILLING RIG

### Model No.ZT18L

**Product Description:** Z T - 6 0 ; M a x . S p i n d l e torque:26000N.m; Spindle speed:0-50rpm,0-94rpm; Max.Pullback force:600kN; Max.Thrust force:600kN; Trust stroke: 6400mm; Diesel engine power: Cummins 239kw/2200rpm;ZT-60; Max.mud flow rate:500L/min×2; Max.fluid pressure:8Mpa

**Product Function:** ZT-60; Max.Spindle torque:26000N.m; Spindle speed:0-50rpm,0-94rpm; Max.Pullback force:600kN; Max.Thrust force:600kN; Trust stroke: 6400mm; Diesel engine power: Cummins 239kw/2200rpm;ZT-60; Max.mud flow rate:500L/min×2; Max.fluid pressure:8Mpa;



## DIRECTIONAL DRILLING RIG

### Model No.ZT60HDD

**Product Description:** Z T - 6 0 ; M a x . S p i n d l e torque:26000N.m; Spindle speed:0-50rpm,0-94rpm; Max.Pullback force:600kN; Max.Thrust force:600kN; Trust stroke: 6400mm; Diesel engine power: Cummins 239kw/2200rpm;ZT-60; Max.mud flow rate:500L/min×2; Max.fluid pressure:8Mpa;

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## Recommended Compressor

This reliable & efficient rotary screw compressor, powered by a diesel engine, provides a maximum working pressure of 175 psi. The air output is filtered & conditioned to optimize the performance of our Tornado Fiber Blower. The maximum free air delivery is 370 cubic feet/minute. The unit is mounted on a two wheeled trailer with brakes and an adjustable towbar.

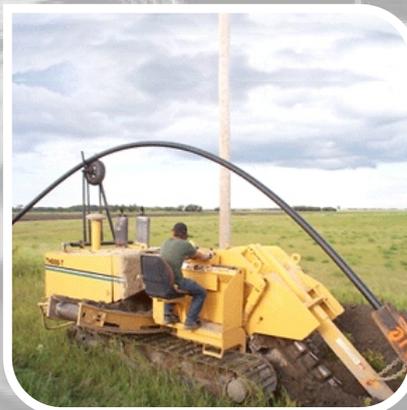
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# Trenchless Technology

It is a globally accepted Horizontal Directional Drilling (HDD) system, by which cables, power cables, sewage pipes, gas and water pipes are installed without least disturbing surface traffic, city roads and crossings. It is a gentle technology which uses the drilling suspension and replaces the conventional trenching. The process avoids the digging of streets and pavements, reduces the cost without causing any noise or traffic. This Technology is extended to the environmental sector, e.g. sealing of contaminated waste disposals dewatering and landslide prevention. This technology takes all these into consideration and include state-of-art operator stations, with controls that are consistent from one unit to the next, Hydraulic pipe loaders, on-board fluid systems, high rotation speed and high torque matched for exceptional performance, Hydrostatic Ground drive, high horse power, advanced make-up and break-out systems, rapid carriage speed, rigged frame, integrated Tracking systems etc.



# Tower Implementation

We, as a Turnkey service provider undertake design, construction and implementation of the Telecommunication networks. The content of the service package is matched as per needs of the customer. The Turnkey Infrastructure Rollout Projects comprises of the following major activities:

- A. Infrastructure Rollout
- B. Project Planning and Management Services

The activities undertaken under the each are given below:

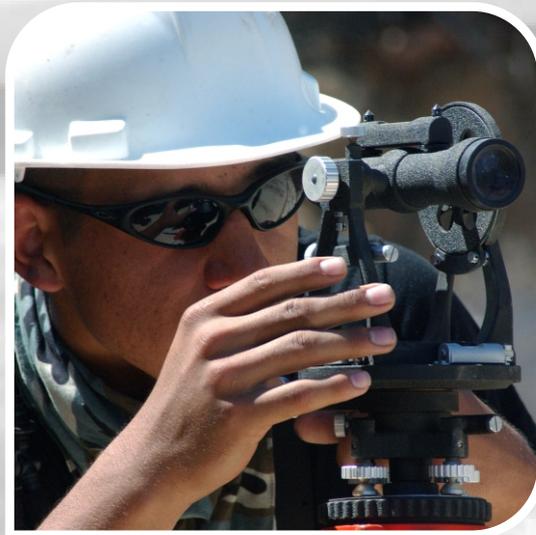
Infrastructure Rollout

Site Planning, Survey & Design, Infrastructure development, Vendor Management, Acceptance Testing Certification (AT)

- C. BTS (Base Transceiver Station) Activities
  - (i) BTS Installation & Commissioning, BTS Integration
- D. Transmission Implementation
- E. Quality Control
- F. Risk Management
- G. Logistics



# Other Services



## **Onsite Consultations**

Our Most experienced people are there at site when the project is executed results in getting problem solved at site than on Table.

## **AutoCAD Designs**

We designs all our project layout in AutoCad which enables us to have a proper workflow.

## **As Built Drawings**

These are exact replica of demographics of the area and helps us and our clients understand the area demographics.

## **Detailed Cost/Time Estimates**

We offer detailed cost and estimates to our clients. We take care of it that the cost involved is appropriate.

## **Technical Consultations/Recomendation**

Our supervisors inspect the site and give us their valuable consulation which we keep in mind befor commencement of Projects.

## **Permissions/R.O.W**

We also undertake ROW from neccessay Govt. authorities like MCD,DDA,CPWD,PWD etc.

## **Site Inspection**

Our Inspection Team inspects and analysis the area and its demographics which helps us in providing efficient Project Analysis.

# Our clientele

Zee Interactive Multimedia Ltd.

Reliance Engineering Associates (P) Ltd.

Himachal Futuristic Communications Ltd., New Delhi

ICSIL-New Delhi

Mahanagar Telephone Nigam Ltd.

ITILtd. (Network Systems Unit) New Delhi

TCIL – New Delhi

TATA Teleservices Ltd.

and the list goes on..





# NAAGAR

***Naagar Infrastructure (P).Ltd.***

**Trenchless Technology**

## Head Office

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