

DETAILED PROJECT REPORT FOR UNDERGROUND OPTICAL FIBRE CABLE

Overview

Vindhya Telelinks Limited are the flagship company of MP Birla group and had been one of the leading companies in telecom sector since 1983. The company has infrastructure provider category licence (IP-1 licence) issued by department of telecommunications (DOT) vide registration certificate no.342/2010 dated 11-01-2010 (copy enclosed) to lay optical fibre cable network infrastructure and lease out dark optical fibre/duct space to any telecom service provider in India.

Proposal

It is proposed that OFC is been laying in the Rural area of District Ramban through forest area, to providing **4G network** for better connectivity.

Detailed Brief

Vindhya Telelinks limited is proposed to lay underground optical fibre cable from Magarkote to Alinabas to Dandal. The implementation of this project will be undertaken by the Vindhya Telelinks Ltd. This project will form the backbone of optical network infrastructure and connect the local population to the digital world.

- 1) This project is widely helpful for local population in Magarkote to Alinabas- Dandal and surrounding villages because it will provide developed Infrastructure and help the Telecom Operators to provide high speed internet services. Bank accounts will be given priority at individual level. People will be provided with safe and secure cyber space in the country. It will take a part of the Governance and Services in which Government services will be available online where citizens will be ensured easy access to it. Transactions will be made easy through electronic medium. Digital empowerment will be the most important factor of the Digital India initiative to provide universal digital literacy and make digital sources easily accessible. To take a step with government aims to provide internet services to region.
- 2) It will ensure that all villages will cover through mobile connectivity. The aim is to increase network penetration and cover gaps in all villages It also aims to improve processes and delivery of services through e-Governance with UIDAI, payment gateway, EDI and mobile platforms. School certificates, voter ID cards will be provided online.
- 3) It will help to step forward with Government to deliver electronic services to people which deals with health, education, farmers, justice, security and financial inclusion and for Global Information like Hosting data online and engaging social media platforms for governance. All Information will also be easily available for the citizens.
- 4) MyGov.in is a website launched by the government for a 2-way communication between citizens and the government. People can send in their suggestions and comment on various issues raised by the government, like net neutrality etc.

"You would also appreciate our efforts that we are working on the platform of **Digital India** .

The dream project of our **Hon'ble Prime Minister Shri NARENDER MODI JI**. After completion of this project mobile network will be used by Defence forces, local administration and local public without any hindrance."

Scope

- 5) The scope of work fall under J&K forest Department is as under:-
 - a) Magarkote to Alinabas to Dandal 45 KM

Laying methodology

6) The laying methodology is as under: -

Underground method - In this method a trench would be dug as manual methods having following specifications and would be along the approved alignment.

- Width of the trench: 0.40 metres at top and 0.30 metres at the bottom.
- Depth of the trench: Maximum of 1.20 metres and Minimum of 0.60 metres depending upon the soil condition (Soft Soil, Soft Rock or Hard Rock).

