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DETAILED PROJECT REPORT FOR UNDERGROUND OPTICAL FIBRE CABLE

Overview

We would like to inform you that JIO Digital Fibre Private Limited, (Formerly, Infotel Broadband Services Ltd.) having its registered Head office at 3rd Floor, Maker Chambers IV, 222, Nariman Point, Mumbai – 400021. Infotel Broadband Services Ltd and our State Office at Second Floor Veer Tower Deeli Extension Trikuta Nagar Marble Market Jammu – 180012 (J&K) (now, JIO Digital Fibre Private Limited) is registered with Department of Telecommunications (DOT) is an Infrastructure Provider category I (IP-I) vide registration certificate no.: 370/2011 dated 23rd June 2011 to establish and maintain the assets such as Dark Fibber's, Right of way, Duct and 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 HDPE and OFC is been laying under Forest division from Patimhal to Qaderna to providing 4G network for better connectivity.

Detailed Brief

JIO Digital Fibre Private Limited is proposed to lay underground optical fibre cable form Patimhal to Qaderna in Kishtwar District. The implementation of this project will be undertaken by infrastructure and connect the local population to the digital world.

1. This project is widely helpful for local population in Patimhal to Qaderna surrounding villages because it will provide developed infrastructure and help the telecom operators to provide high speed internet service. People will be provided with safe and secure cyber space in the county. It will take a part of the Governance and services in which Government services will be available online where citizens will 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 aim 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.





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"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

The scope of work fall under J&K forest Department is as under:-

- a) Patimhall to Dingdoro Village (18 Kms approx) Non-forest land
- b) Dingdoro Village to Qaderna Tower site (38 Kms approx) Forest land

Laying methodology

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: 0.45 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)

Aerial cabling via structured poles

- In this method, poles will be erected across the length of approved alignment
- Dimension of poles is 1m X 1m
- Depth of the pole will be 1.2m

