

JIO DIGITAL FIBRE PRIVATE LIMITED

CIN: U64200GJ2018PTC105652

No.51, RMZ Icon, Palace Cross Road, Vasanthanagar, Bangalore 560052

Detail Project Report

JIO DIGITAL FIBRE PRIVATE LIMITED OFC Network

DGPS Survey report for Forest Diversion of proposed OFC Cable Route from Thirthahalli-Shimogga and Agumbe to Kattekoppa total length of 85 km Background Reliance Jio Info comm Limited is setting up 4G Optical Fiber Cable network across the country. In the state of Karnataka, the company plans to set up the telecom network (including laying of OFC cable) along the NHAI/PWD Road corridor. Reliance Jio Info comm is granted license by Ministry of Communications & IT, Dept. of Telecommunications, and Govt. Of India, to establish Optical Fiber Cable network. The OFC Cable is laid under the ground at approx. depth of 1.65m and the trench width is 0.5m. In most of the places the cable trench line on National Highways is approx. at a distance of 14.5m from the road centreline and for State/District highways it is approx. 7m from the road center line.

1.2 Location and Communication The proposed OFC Cable route from Chichodi-Chimmanchodi and Kallur-Road to Lingapura of Kalnurgi and Bidar District total length of 85 km (Division: Shivamogga Forest Division District: Shivamogga) is on the State Highway corridor SH-169/169A and SH-1 /PWD Road. The route length is approx. 85 km. The cable route's proposed starting point is Thirthahalli Village Latitude 13.69307322° N and Longitude 75.25482841° E and the end location is Milighatta at Latitude 13.92001904° N and Longitude 75.56707342° E at one stretch and at starting point is Talluru Village Latitude 13.51336871° N and Longitude 75.09605552° E and the end location is Kattekoppa at Latitude 13.69117336° N and Longitude 75.14807798° E The OFC Cable route is covered under Survey of India Toposheets 48005, 48006, & 48009 RF 1:50000.

1.3 Objective As per directives of Ministry of Environment & Forests (MoEF) dated 8th July 2011; all applications for Forest Diversion, under Forest Conservation Act, 1980 must be accompanied with Geo-referenced shape file, showing the boundary of the proposed area (both soft copy and hard copy maps), prepared using Differential GPS (DGPS) and the same should be uploaded to MoEF website along with the online application. To meet this requirement of MoEF, Reliance Jio Infocomm Limited, entrusted the DGPS survey work and submitting online application through MOEF website as required.

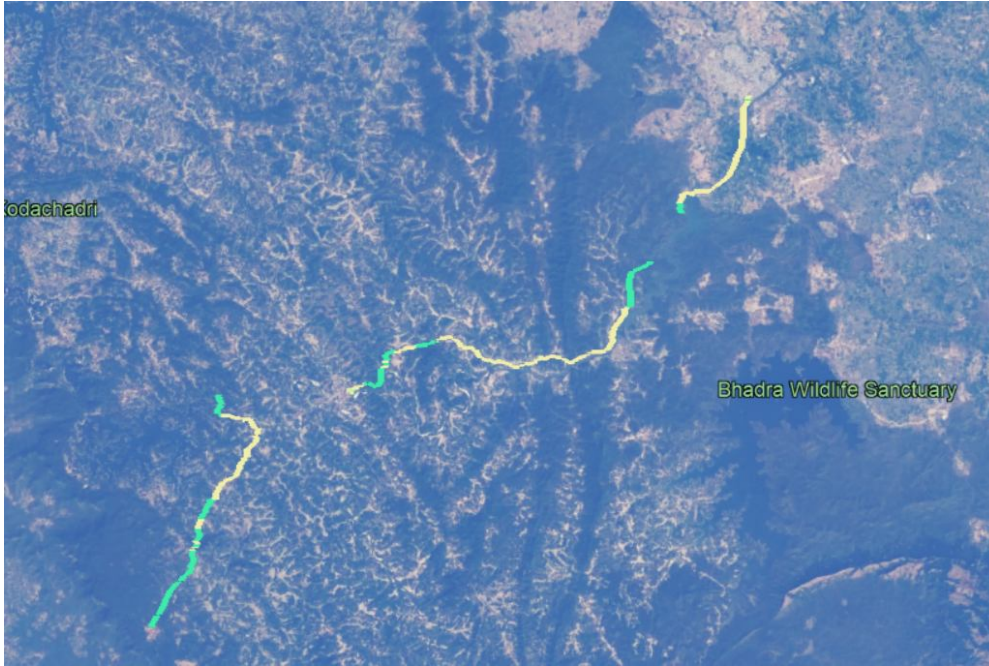
1.4 Google Picture of proposed OFC route:

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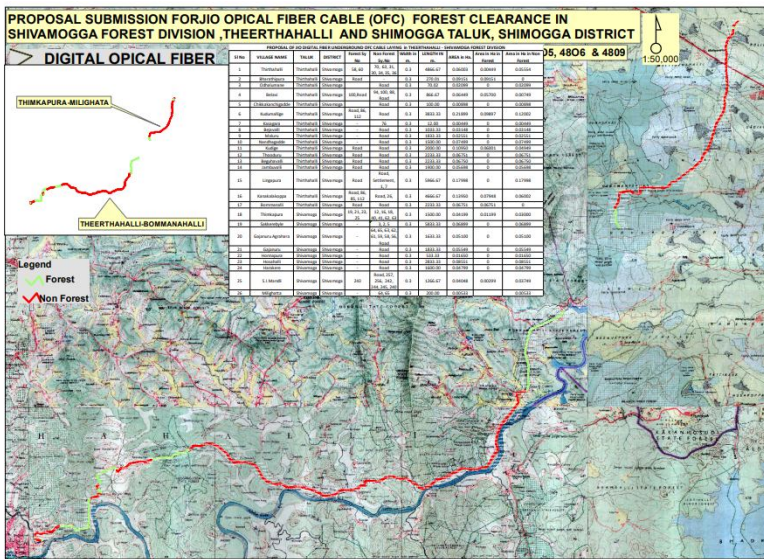
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Google Map of Proposed Route



Topo Sheet Showing the Proposed OFC Route



Project Cost: Proposed route from Thirthahalli-Shimogga and Agumbe to Kattekoppa total length of 85 km in forest area 0.91 Ha and m in non forest area 1.64 Ha. Cost of laying of optical fiber cable is 250 rupees per meter and total project cost is about – 5 Crores

