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PROJECT NOTE

As per Govt. Of India Policy it was planned to lay OFC Cable for reliable Communication from remote places to district/ state headquarters. By laying Underground Optical Fiber Cable media connectivity can be provided to further remote area.

As per of Govt of India's policies priority has been given to tribal under developed areas. OFC has been proposed from laying OFC in Existing Right of Way of Deori to Bamhani (Deori to Amgaon) Road on New National Highway No. 543 from km 0/000 to km. 32/000 in Amgaon, Salekasa and Deori Taluka in Gondia district. Total 7.860 Km length in Forest Area (0.3930 ha) out of 32.000 Km Road length in Gondia District in the State of Maharashtra.

An under developed town to district headquarters. Enroute village can also be connected by this project. This route has been approved by the RJIL H/Q in 2022-23, the work not started untill. This work will to complete in the years 2022-2023.

In the order to provide this optical Fiber Cable has been proposed to be laid through Open trench, HDD Duct. And in case of Culvert Bridge and Road Crossing protection of GI/RCC Pipes and concreting has to be provided.

Aim of this project is to provide the people of under developed areas with reliable and high speed media connectivity.

PROJECT EXECUTION METHODOLOGY IN PWD/ FOREST AREA UNDER WILDLIFE AREA OF NNTR

This is with reference to our application submitted with Deputy Conservator of Forest, Gondia Forest Division Gondia (Nagpur Circle), for laying underground optical Fiber Cable, along the road side of National Highway Road and within Highway ROW boundary going to the forest area. We have given below the execution methodology, trench dimension and alignment of the trench. We also mentioned the areas where trenching will be done, trench methodology in different Soil strate. We have given safety precautions to save the plantation in this area safety of the plantation will be on the top most priority in execution of the work.

For further communication please contact
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Execution In PWD ROW Boundary:-

The trench work will be done strictly in to National Highway Road Boundary Offset shall be maintained

Trench Dimension :-

The Trench, which will be dig for laying OFC Cable having following Dimensions. Top = 500 mm. Bottom = 300 mm Depth = 1200 mm.

Trenching Methodology:-

Normal Soil Strata:-

Work will be done Small excavators or Manually Considering safety of plants.

Hard Soil Strata:-

Work will be done by Machine Excavators plants safety will be on priority.

Rocky Soil Strata:-

Work will be done by Rock breakers Machine Excavators, Safety of the Plants shall be on priority.

Safety of Trees / Plants:-

The alignment of the trench shall be varied shall ensure no damage Safety of plants in the PWD Right of way.

After Execution the surface dressing will be done and extra excavated material will be removed from location No garbage and left outs will remain on sites due to excavation work.

Place:- Nagpur.

Date:-



Authorised Signatory

For Reliance Jio Infocomm Limited, Nagpur

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Project Note by Project Authority

Name of Proposal

Proposal for diversion of forest land for laying underground Optical Fiber Cable duct & cable within the Right of Way of existing road from Deori to Bamhani (Deori to Amgaon) Road on New National Highway No. 543 from km 0/000 to km. 32/000 in Gondia District. This Road passing through Forest area in Taluka Amgaon, Salekasa and Deori in District Gondia.

Proposal submitted by

Vice President JIO DIGITAL LIFE,

Reliance JIO Infocomm Limited, Reliance corporate IT Park Ltd,

Downtown 2nd & 3rd Floor, S.No. 8+13/1/2

Off Karve Road, Mhatre Bridge, Erandwane Pune-411004.

Head Office

JIO DIGITAL LIFE, Reliance JIO Infocomm Limited

9th Floor, Maker Chambers IV, 222 Nariman Point, Mumbai-400021

Maharashtra.

Project Cost

The estimated cost at Rs. 120/- per Rmt and the total work is 32000 Rmt (32.000 Km) Therefore Cost of total Project is Rs. 38,40,000/- . But the Forest Area is 7860 Rmt and the cost at Rs. 100/- per Rmt, therefore Cost of Forest Area is Rs.7,86,000/-.

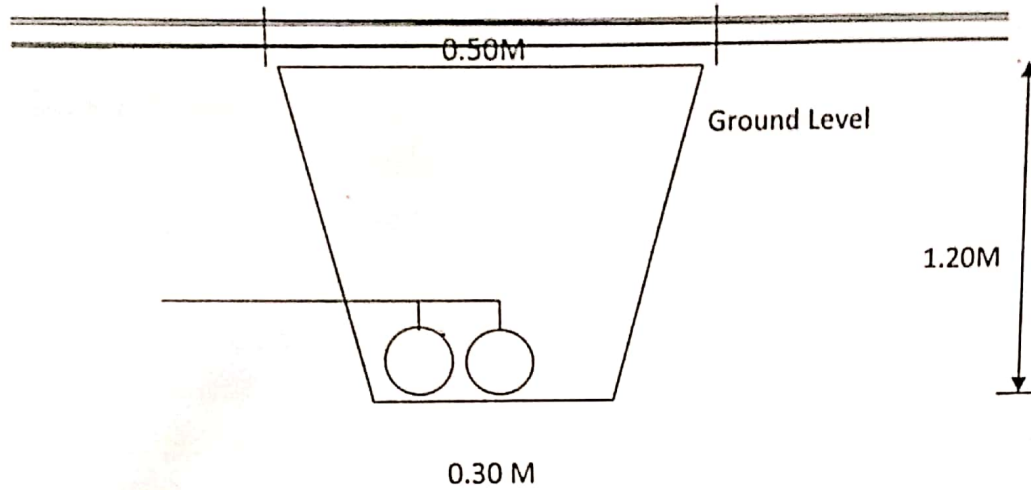
Employments likely to be generated.

Type of Work	Unskilled	Semi-skilled	Skilled	Total
During Work Temporary	6	2	1	9
Permanent	0	0	2	2
Total	6	2	3	11

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TYPICAL CROSS SECTION OF TRENCHING FOR OFC LAYING





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JUSTIFICATION OF THE LOCATION

Proposal for diversion of forest land for laying underground Optical Fiber Cable duct & cable within the Right of Way of existing road from Deori to Bamhani (Deori to Amgaon) Road on New National Highway No. 543 from km 0/000 to km. 32/000 in Gondia District. This Road passing through Forest Area in Taluka Amgaon, Salekasa and Deori in District Gondia.

This proposal is submitted by the Vice President JIO DIGITAL LIFE, Reliance JIO Infocomm Limited, Reliance corporate IT Park Ltd, Erandwane, Pune-411004.

JIO DIGITAL LIFE, Reliance JIO Infocomm Limited has decided to lay underground OFC duct & Cable within the Right of Way of Deori to Bamhani (Deori to Amgaon) Road on New National Highway No. 543. For this purpose, JIO Digital life has taken clearance by the General Administration Department and Department of Information & Technology, Mumbai. To provide network, there is need network of towers connected by OFC duct & cable. As per survey done for laying underground the OFC duct & Cable within the Right of Way of Deori to Bamhani (Deori to Amgaon) Road on New National Highway No. 543, where the maximum area will be covered for network and easy maintain for long period.

The Executive Engineer, NH-Public Works Division, Gadchiroli has sanctioned laying underground OFC duct & cable within ROW of existing Right of Way of Deori to Bamhani (Deori to Amgaon) Road on New National Highway No. 543 from km 0/000 to km. 32/000 in Gondia District. As same part of existing road passing through the Forest Land. And there need the prior permission from competent authority for laying underground OFC duct & cable within the ROW (Road of Width) of the existing road.

After detailed survey it is observed that, the existing road Deori to Bamhani (Deori to Amgaon) Road on New National Highway No. 543. Road is passing through Forest land. The detailed Area statement is attached.

The OFC cable will be laid by digging trench of size 0.50 mt wide and depth below 1.20 mt & in one trench two duct pipe will be laid, & out of which one duct pipe is use for OFC cable. After laying of pipe the trench will be refilled. In this work there is no need to cutting of trees for this work.

Project Authority submits that, cost of C.A. may not be levied in this proposal as the proposed laying of OFC cable within ROW of existing Road, road passing in Forest

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Area, Gondia. And no need to cutting of trees, which fulfill the conditions given in MOEF guidelines No. FC-11/165/2019- FC Dated 27th July 2020.

There is no alternative other than proposed alignment & the required forest land for laying underground OFC Cable is barest minimum. The laying underground OFC duct & cable within ROW of existing road from Deori to Bamhani (Deori to Amgaon) Road on New National Highway No. 543 from km 0/000 to km. 32/000 in Gondia District. This work will be done as per Forest Conservation Act 1980 Guidelines issued by the Ministry of Environment and Forests (MOEF). Hence the proposal is site specific and as per Forest Conservation Act Guidelines.

Project Authority has not started work of laying OFC cable in forest area. User Agency will start work of laying underground OFC cable within ROW of existing road from Deori to Bamhani (Deori to Amgaon) Road on New National Highway No. 543 from km 0/000 to km. 32/000 in Gondia District, after sanctioned from State Government. Hence this proposal is submitted for sanctioned under Forest Conservation Act 1980.

Place:-Nagpur

Date:-



Authorised Signatory

For Reliance Jio Infocomm Limited, Nagpur

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