

Sub: GFGNL Permission Normal forest land Diversion for Protected Forest purpose for laying Optical fiber cable for Bharat Net Phase-II Project various road of Kevadiya colony Narmada District.

ANNEXTURE-5

COST BENEFIT ANALYSIS

The optical Fiber Transmission Cable System Proposed Along National Highway and through the district is a high grade, large capacity communication system, which will provide Broadband Wireless Access (BWA) & related Data Services. This system is to extend the communication facility to millions of populations of the state. In addition to the common public the system will be used by Ministry of Defense, Railways, Industries, and other core sectors exclusively dependent on Telecommunications.

The cable laying work will be carried out through award of works on contract after calling for tender, the work will require extensive engagement of manual labor, and this will generate employment for the public in the vicinity of the cable route. Entire District population will be benefited due to the expected employment to be generated for commissioning of this project.

Sr No	Parameters	GFGNL Laying of Optical Fiber Transmission Cable
1	Increase in productivity attributable to specific project.	22%
2	Benefits to economy	Very much as Telecommunication plays an important role in development of industries and speeds up growth in overall economy.
3	No. of population benefited	Entire Gujarat in general and the district in particular
4	Employment potential	100 man days approx.
5	Cost of Acquisition of facility on non- forest land wherever feasible.	Not Applicable
6	Loss of (a) Agricultural and (b) Animal Husbandry production due to diversion of forest land.	Not Applicable
7	Cost of rehabilitation of the displaced persons as different form Compensatory amounts given for displacement	No displacement and hence question of rehabilitation does not arise
8	Cost of supply of free fuel - wood to workers residing in or near forest area during the period of construction.	Not Applicable

Forest Land Use Justification Certificate

Certificate for the minimum use of Forest Land and justification for locating the project on forest land

The Optical Fiber Cable is generally laid along the State / National Highway roads. Such road side area is declared as the Protected Forest under the Indian Forest Act.

The area requested for the laying of the Optical Fiber Cable is the bare minimum considering the requirements and also considering the safety of the cables so laid. Since the telecommunication cables also carry the communication from the Government offices, Defense & Strategic establishments, and from the different industrial organizations apart from the general public, for the safety and confidentiality of the conversation so made it is not advisable to lay such important cables on the private land belonging to different parties.

The Cable alignment will be suitably diverted to avoid any cutting of trees and laid within the road land boundary by excavating a narrow trench of 45cms width. The same strip of trench will be reinstated to its original condition. It is also intimated that no structure will be erected on the cable route.

There is a Protected Forest land on both side of roads in Narmada district, hence it is necessary to permit the laying of OFC cable in forest land to Parallel roads. No other route is possible for laying this OFC cable. Thus, the proposal of diversion of SOU Kevadiya colony Narmada District Protected Forest land is justified well.

The area required for the laying of the Optical Fiber Cables is bare minimum which is a part of the Protected Forest land.

For, Gujarat Fibre Grid Network Ltd,

