

OFFICE OF THE DIVISIONAL FOREST OFFICER, NALANDA FOREST DIVISION,
BIHARSHARIF, BIHAR
Site Inspection report of DCF

Inspection Date :-22.10.2018

The Proposed project (Vindhya Telelinks Optical Fibre Cable laying) area is passing through protected Forest area in Biharsharif - Bakhitiyarpur Road - Part of NH-31 (Ramchandrapur bus stand more to Devisarai more) and Biharsharif - Ekangarsarai- Telhara Road - (Biharsharif Devisarai more to Ekangarsarai Town) in Biharsharif and Part of Hilsa Range is notified as Protected Forest by Environment and Forest Department, Government of Bihar through vide S.O. No. 1647 E, dated 20.12.1994 in which the present proposal for total about 0.404148 ha (as per field verification) is submitted for diversion. The proposed area of 0.404148 ha has been visited by the undersigned along with survey team and verified the facts in proposed site. User Agency has applied for diversion only for 0.265856 ha, after joint inspection actual area calculated and accordingly 0.404148 ha has to be required for completion of the Project.

- The diversion of 0.404148 ha of protected forest land is proposed to for the construction of optical fiber line in the above mentioned road. The user agency will use HDD method (Trenchless method) in which pits will be dug out approximately 250 mts. interval for laying the OFC. It has to be erected through pit and drilling the duct in the underground.
- The area of diversion of 0.404148 ha user agency requires forest land does not proposed for felling of any tree species presence. Since the user agency proposed for underground cable net working, does not require any tree felling or pruning etc. No endangered and rare tree/ species found in the proposed area. Density of Vegetation is approximately 0.1 for the purpose of NPV calculation. In few places the weeds and grass of grazing height only present.
- The user agency is going lay underground OFC cable my drill machine without digging of the complete pit. Only few pits will be dug out for underground drilling. This part of the protected forest is the minimum area proposed for diversion to complete of the project.
- 0.404148 Ha land is mainly required by the user agency to complete the project. No other alternative to the user agency to avoid this bare minimum land.
- Generally the project area vulnerable to medium soil erosion due to intrinsic geological features of the substrate during rainy season.
- The proposed project area is only notified Protected and not forms part of any National Park, Wildlife Sanctuary, Biosphere Reserve, Tiger Reserve, Elephant Corridor etc.
- Nilgai is found naturally and free distributed across the Nalanda district in the forest as well as farm lands. Animals like jackal, hair, Common Langur etc found in the nearest areas. The undersigned is of opinion that the instant proposed project will no way affect the distribution or movement of any wild animal found in the areas where it is found. So far no such any cases of wildlife death reported in the in the proposed road. The crop raiding Nilgai is also present adjoining areas of the proposed road.

- This is bare minimum forest area required along with Existing ROW for Laying OFC line.
- As per field inspection and information provided user agency there is no record of any protected archaeological/heritage site/defense establishment or any other important monument located in the area of the proposed project.
- The requirement of forest land as proposed by the user agency in Col. No. 2 of Part – I is unavoidable and barest minimum of the project and only viable option.

The detail of forest land involved is as follows:

Purpose wise Area Break-up in Biharsharif-Ekangarsarai-Telhara OFC route in Nalanda Forest Division								
Sl. No	Road Name	Starting Point	End Point	Distance (in Kms)	Area of Pits first & last km. @5pits/km and remaining area 4 pits/km. size of the pit 1 x 1.5 m. (In Hec)	Area of Ducts {65 MM + 45 mm 2 ducts} average 120 mm (In Hec)	Chamber pit area 2 nod/km. (1mX1mX2/km.) (In Hec)	Total Area (in Hec.)
1	Biharsharif - Bakhitiyarpur Road (Ramchandra pur bus stand more to Devisarai more)	Ramchandrapur bus stand more (25.194542, 85.505099)	Devisarai more (25.194547, 85.504882)	0.1	$=1 \times 1.5 \times 2 = 3 \text{ m}^2 / \text{km.} = 0.0003 \text{ ha.} \times 0.1$ Total Area = 0.00003 ha.	0.0012 ha.	0.00022 (Due to Road Crossing)	0.00145
2	Biharsharif - Ekangarsarai-Telhara Road (Biharsharif Devisarai more to Ekangarsarai Town)	Devisarai more (25.194547, 85.504882)	Ekangarsarai Town (25.224751, 85.229026)	31.4	$\text{Last km.} = 1 \times 1.5 \times 5 = 7.5 \text{ m}^2 / \text{km.} = 0.00075 \text{ ha.}$ $\text{Remaining 30.4 km.} = 1 \times 1.5 \times 4 = 6 \text{ m}^2 / \text{km.} = 0.0006 \text{ ha.} \times 30.4$ Total Area = 0.01899 ha.	0.3768 ha.	0.006908	0.402698
			Total	31.5 KM	0.01902	0.378	0.007128	0.404148

- The area of diversion is below one ha. So, compensatory work actually will be carried out in the Benar - Bind Road - 50 Iron Gabion plantation proposed in the 0.5 Km. both side of the road.
- The User Agency has violated the prescribed provisions of the Act. Before applying for the proposal they have started erecting of Optical Fibre Cable which is non forestry activity. After detection of violation immediately necessary legal action has been initiated against the violation. The violation is not under progress now.
- The user agency must provide the 4 G connection to the Forest Department establishment.
- This instant proposal for diversion of 0.404148 ha forest land may be approved with necessary conditions and directions.

(Dr. Nesamani.K)
Deputy Conservator of Forest
Nalanda Forest Division, Biharsharif

