

PART - II

(To be filled by concerned Deputy Conservator of Forest)

State Serial No. of the Proposal: **-130/2021**

7. Location of the Project/Scheme:

(i) State/Union Territory	Bihar
(ii) District	Nalanda
(iii) Forest Division	Nalanda Forest Division, Biharsharif
(iv) Area of Forest Land Proposed for Diversion (in ha.)	2.0525 ha.
(v) Legal Status of Forest	

The Proposed project area is passing through notified protected forest of Biharsharif-Barbigha & Barbigha-Sarmera Mokamah road, Biharsharif-Rajgir road & Biharsharif Bakhitiyarpur road and Harnaut-Sakshaira-Barh & Biharsharif Rahui-Nijay road in Nalanda District is notified as Protected Forest by Environment and Forest Department, Government of Bihar through vide S.O. No. 1647 E, dated 20.12.1994 and S.O. No. 189 E dated 16.02.1994 in which the present proposal for total about 2.0525 ha (as per field verification) is proposed for diversion. **(Notification of Forest land is annexed in Annexure 1 of Part II).** The legal status and break up wise land use in the proposed forest land is as follows:-

Sl.	Road Name	Starting Point	End Point	Distance (in Kms)	Total Area (in Hec.)
1.	Biharsharif-Barbigha & Barbigha-Sarmera Mokamah road	Biharsharif (25.202472, 85.520143)	Sarmera (25.260061, 85.799814)	37.47	0.77793195
2.	Biharsharif-Rajgir road & Biharsharif Bakhitiyarpur road	Biharsharif (25.202461, 85.520785)	Rajgir (25.023142, 85.423068)	28.27	0.63073395
3.	Harnaut-Sakshaira-Barh & Biharsharif Rahui-Nijay road	Harnaut (25.370880, 85.532862)	Rahui (25.271181, 85.556653)	23.97	0.64379445
			Total	89.71	2.0525

(vi) Density of Vegetation	0.1 (Some stretches in the proposed area is devoid of major trees with canopy formation. 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 most of the places the shrubs, weeds and grass of grazing height only present in the proposed alignment.
(vii) Species-wise (Scientific names) and diameter class-wise enumeration of trees (to be enclosed. In case of irrigation/hydel projects enumeration at FRL-1, FRL-2 meter & FRL-4 meter also to be enclosed.)	No trees are proposed for felling. The user agency attached the certificate regarding no tree felling involvement in this proposal. During the inspection the user agency informed that the OFC will be aligned in the manner so that no trees required for felling translocation or pruning etc. As per the information provided by the user agency, most of the places where the open area exists. Open Trenching and Splicing will be followed and where the densely populated area/ non feasible area OFC will be laid by HDD method.
(viii) Brief note on vulnerability of the forest area to erosion	Generally the project area vulnerable to medium soil erosion due to intrinsic geological features of the substrate during rainy season.
(ix) Approximate distance of proposed site for diversion from boundary of forest	The proposed area is notified as protected forest area as falls under ROW of notified road. The proposed diversion of land in Biharsharif -Rajgir Road at Rajgir is situated 0.8km from Rajgir PF in the Rajgir range. The area situated approximately 0.8 km from the boundary of Rajgir Wildlife Sanctuary at Rajgir which is outside the boundary of the Eco-sensitive zone of Rajgir Wildlife Sanctuary.

(x) Whether forms part of National Park, Wildlife Sanctuary, Biosphere Reserve, Tiger Reserve, Elephant Corridor etc. (If so, the details of the area and comments of the Chief Wildlife Warden to be annexed.	No. The proposed project area is only notified Protected forest and not forms part of any National Park, Wildlife Sanctuary, Biosphere Reserve, Tiger Reserve, Elephant Corridor, Eco-sensitive zone of Rajgir Wildlife Sanctuary etc. The area situated approximately 0.8 km from the boundary of Rajgir Wildlife Sanctuary at Rajgir which is outside boundary the Eco-sensitive zone of Rajgir Wildlife Sanctuary . As per the final notification of the Eco sensitive Zone (S.O. 71(E) [09.01.2017] Final Notification declaring Eco Sensitive Zone around Rajgir Wildlife Sanctuary, Bihar) an area up to 3 km in all villages and up to 100 m in Nagar Panchayat, Rajgir , from the boundary of the protected area of the Rajgir WLS, Rajgir has been notified as an Eco-sensitive Zone.
(xi) Whether any rare/endangered/unique species of flora and fauna found in the area. If so, the details thereof.	Nilgai is found naturally and free distributed across the Nalanda district in the forest as well as farm lands. Animals like jackal, Common macaque, Wild boar, common hare etc found in nearby agriculture lands of project area. 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. The crop raiding Nilgai is also present adjoining areas of the Proposed project. Since the project area is prosed in the outer area of the Protected forest and does not have much influence on the animal movement.
(xii) Whether any protected archeological/heritage site/defense establishment or any other important monument is located in the area. If so, the details thereof with NOC from competent authority, if required.	As per my knowledge, the enquiry report of the Forest official and information provided user agency there is no record of any protected archeological/heritage site/defense establishment or any other important monument located in the area of the proposed project site. The nearest archeological site is Kila maidan, Rajgir and Ajata Shatru's Kila is approximately situated around 10-15 meter both the side of Bihar Sharif -Rajgir Road (NH-82) of proposed alignment from Rajgir Bus stand to near mela ground area.
8. Whether the requirement of forest lands as proposed by the user agency in Col. No. 2 of Part-1 is unavoidable and barest minimum of the Project. If no, recommended area item-wise with details of alternatives examined.	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. Actual area involved in the project is 2.0525 ha. The user agency required minimum land for this project. While site inspection it is found to be only available option for completion of project.
9. Whether any work in violation of the Act has been carried out (Yes/No). If yes, details of the same including period of work done, action taken on erring officials. Whether work in violation is still in progress.	The User Agency has not violated the prescribed provisions of the Act.
10. Details of compensatory afforestation Scheme : (i) Details of non-forest area/degraded forest area identified for compensation.	The area of diversion is 2.0525 ha. in the Nalanda Forest Division. As per Ministry of Environment Forests & Climate Change FC-11/165/2019-FC Dated: 27th July, 2020 CA may not be levied in case of laying of underground Optical Fiber Cables (OFC), telephone lines, drinking water supply pipelines, electricity cables, CNG/PNG and Slurry pipelines within the RoW of existing roads

	(trench size not more than two meter in depth and one meter in width) not falling in National Parks and Wildlife Sanctuaries without felling of trees.		
(ii) Map showing Non-Forest/degraded Forest area identified for compensation.	As per Ministry of Environment Forests & Climate Change FC-11/165/2019-FC Dated: 27th July, 2020 it is not required.		
(iii) Detailed compensatory afforestation scheme including species to be planted, implementing agency. Time schedule, cost structure etc.	As per Ministry of Environment Forests & Climate Change FC-11/165/2019-FC Dated: 27th July, 2020 it is not required.		
(iv) Total Financial outlay for compensatory afforestation scheme.	As per Ministry of Environment Forests & Climate Change FC-11/165/2019-FC Dated: 27th July, 2020 it is not required.		
(v) Certificates from competent authority regarding suitability of area identified for compensatory afforestation and from management point of view. (To be signed by the concerned Deputy Conservator of Forests).	The Land Suitability Certificate Annexed N-7		
11. Site Inspection report of DCF specifically highlighting facts asked in Col. Nos. 7 (xi, xii), 8 & 9 above.	Attached- annexure 11		
12. Division/District Profile :	2367 Sq.K.m.		
(i) Geographical area of the district.			
(ii) Forest area of the district	46.30 Sq.km		
(iii) Total Forest area diverted since 1980 with number of cases	278.81 Ha in 33 proposals		
(iv) Total compensatory afforestation stipulated in the district/division since 1980 on:			
(a) Forest land including penal compensatory afforestation.			
Year	Status of land	Area of plantation (Ha/KM)	No. of Plants
2011-12	PF- Block plantation	10 Ha.	10000
2013-14	PF- Road side linear plantation	39.5 Km.	8000
2016-17	PF- Block plantation	1 Ha.	1250
2017-18	-	-	-
2018-19	PF- Block Plantation	1 ha	2500
2019-20	PF-Block plantation	24 ha	17000
2020-2021	Block plantation	4.785 ha	4785
2020-2021	Linear plantation	0.5km	50 gabion
(b) Non-Forest land	Linear Plantation - 342 Iron Gabion 2019-20- Non PF- Linear Plantation-0.5 km-50 iron gabion) 2020-21- Linear plantation -440 (Non Forest land) 2021-22- Linear plantation -100 (Completion work) 2021-22- Linear plantation -100 (Advance-cum-Completion work)		
(v) Progress of afforestation as on (01.8.2021)	Maintenance work of previous year plantations are going on 24 ha - 17000 plants		
(a) Forest land	1250 plants 2018-19 - Maintenance work is completed. 1250-plants 2016-17- Maintenance work completed. 1250 plants- (other sources) - 2018-19 - Maintenance is completed. 4835 plants maintenance work is going on.		

(b) Non-Forest land	<p>Compensatory afforestation works were completed - 342 Iron Gabion plantations (work completed).</p> <p>2018-19 - 1900 Iron Gabion plantation- Maintenance (work completed).</p> <p>50- Iron gabion of 2019-20 Maintenance is going on.</p> <p>440 iron gabion Maintenance work is going on.</p> <p>2021-22- Linear plantation -100 (Completion work is going on)</p> <p>2021-22- Linear plantation -100 (Advance-cum-Completion work is going on)</p>
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13. Specific recommendations of the DCF for acceptance or otherwise of the proposal with reasons.

This is the bare minimum forest land required for the project. The amount realized from the user agency in the form of NPV shall be utilized for conservation, protection, and management of forest in this division.

The proposed area involves diversion of 2.0525 ha in Nalanda Forest Division, Bihar Sharif. This is the barest minimum of forest land required for the instant project and has no other alternative to bye-pass. Diversion of these forest land areas for this project (non forestry activity) may not much affect the local flora of the area. The User Agency has not violated the prescribed provisions of the Act.

In the light of the above mentioned facts and keeping the fact that Nalanda District is fall under the rural area and as per the prescribed provisions I recommend positively for the approval of this proposal. This instant proposal for diversion of forest land (for rural connectivity network) may be approved with necessary conditions and directions.

Date: 04.10.2021
Place: Bihar Sharif



Signature *[Handwritten Signature]*

Name: - Dr. Nesamani. K.
Deputy Conservator of Forest
Nalanda Forest Division, Bihar Sharif