

PART - II

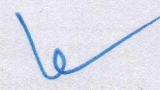
(To be filled by concerned Deputy Conservator of Forest)

State Serial No. of the Proposal: -60/2019

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.)	0.3260 HA.
(v) Legal Status of Forest	The Proposed road or project area is passing through protected Forest area of Ghorakatora Protected forest (in which Vishunpur(Giriyak)- Chakeya- Ghorakatora Road has been proposed) falls under jurisdiction of Rajgir Range. Ghorakatora Protected forest is notified as Protected Forest by Environment and Forest Department, Government of Bihar through vide Forest Notification No. F/LA/12/83-3266, dated 02 September, 1983 in which the present proposal for total about 0.3260 ha is submitted for diversion. (Notification annexed in Annexure 1 of Part II) . The user agency has calculated only 0.322 ha, after verification it has been found to be 0.3260 ha
(vi) Density of Vegetation	0.1 (The proposed area is devoid of any trees but for the calculation of NPV density of vegetation is calculated as 0.1)
(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.)	The area of diversion of 0.3260 ha user agency requires forest land for diversion which is devoid of any trees, so the agency does not proposed for felling of any tree species. Since the user agency proposed for road construction of PCC road and strengthening of existing kaccha village road in which the portion of the forest land has to be required to complete the entire stretch of the village road. No endangered and rare tree/species found in the proposed area. Density of Vegetation is approximately 0.1 for the purpose of NPV calculation. Small herb and shrubs are found in and around the proposed site. In some places the weeds and grass of grazing height also present. Liner The major forest type of the surrounding proposed area is 5/DS1 Dry Deciduous Scrub Forests.
(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 proposal forest land is part of Ghorakatora notified protected forest and falls within Forest only. As per the final notification of the Eco sensitive Zone (S.O. 71(E) [10.01.2017] 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 has been notified as an Eco-sensitive Zone. The proposed

	area is more than 3 km away from Rajgir Wildlife Sanctuary which is not the part of ESZ.
(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.	The proposed project area is only notified Protected and not forms part of Rajgir Wildlife Sanctuary any National Park, Biosphere Reserve, Tiger Reserve, Elephant Corridor etc.
(xi) Whether any rare/endangered/unique species of flora and fauna found in the area. If so, the details thereof.	<p>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 site. The crop raiding Nilgai is also present adjoining areas of the proposed road.</p> <p>Surveys carried out by TERI (2015) indicated that the nearby Rajgir Wildlife Sanctuary is endowed with a diversity and abundance of wildlife characteristic of the area. There are 28 species of larger mammals, over 183 species of birds, 39 species of reptiles, 11 species of amphibians, 13 species of fishes, 51 species of butterflies and 6 species of scorpions.</p> <p>Wild Boar (<i>Sus scrofa</i>), Neelgai (<i>Boselaphus tragocamelus</i>), Cheetal (<i>Axis axis</i>), Jungle fowl (<i>Gallus gallus murghi</i>), porcupine (<i>Hystrix indica</i>), Hare (<i>Lepus nigricollis</i>), Langur (<i>Semnopithecus entellus</i>), Monkey (<i>Macaca mulatta</i>), Jackal (<i>Canis aureus</i>) are the species of vital importance in Rajgir Wildlife Sanctuary, Rajgir besides some of the endangered species like, Barking deer (<i>Muntiacus muntjak</i>), Python (<i>Python molurus molurus</i>) etc. are also found in the Rajgir wild life Sanctuary.</p>
(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 and as per field inspection no such protected archeological/heritage site /monument located nearby area of the proposed project. but the Ordinance Factory, Rajgir boundary is situated approximately within the proximity of 1 km.
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 0.3260 ha.
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 :		The area of diversion is 0.3260 ha. in the Nalanda Forest Division. The user agency has not violated the prescribed provisions of the Forest Conservation Act, 1980. The area of diversion is below one ha. So, compensatory work actually will be carried out in the Rajgir - Giriyak to Hasanpur Bypass Road - 100 Iron Gabion plantation proposed in the 0.5 Km. both side of the road. The details Scheme as GPS Reading attached with proposal.	
(i) Details of non-forest area/degraded forest area identified for compensation.			
(ii) Map showing Non-Forest/degraded Forest area identified for compensation.		Map for the CA attached with scheme.	
(iii) Detailed compensatory afforestation scheme including species to be planted, implementing agency. Time schedule, cost structure etc.		Model scheme for compensatory afforestation along with map Attached- Annexure-II & III respectively. The species to be planted will be guided by the local soil factor. The proposed afforesattion will be implemented by Nalanda Forest Division. The time schedule depends on the final approval (stage II) of this project.	
(iv) Total Financial outlay for compensatory afforestation scheme.		Compensatory Afforestation (CA) : Rs 721553/- (Rs. Seven Lac twenty one Thousand Five Hundred & Fifty three only)	
(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 as Annexure-IV	
11. Site Inspection report of DCF specifically highlighting facts asked in Col. Nos. 7 (xi, xii), 8 & 9 above.		Attached- annexure-VI	
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		275.00 Ha in 31 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
(b) Non-Forest land		Linear Plantation - 342 Iron Gabion	
(v) Progress of afforestation as on (01.10.2019)		Compensatory afforestation works were completed and maintenance work for 1 Ha. Block plantation is going	

(a) Forest land	on.
(b) Non-Forest land	Compensatory afforestation works were completed - 342 Iron Gabion plantations. 20189-19 - 1900 Iron Gabion plantation- Maintenance is going on.

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 green belt will be created through the amount realized from the user agency as Compensatory afforestation work and it will help in the increasing green cover.

The proposed area involves diversion of 0.3260 ha in Nalanda Forest Division, Biharsharif. This is the barest minimum of forest land required for the instant project and has no other alternative to bye-pass. Since this road has been utilized by the forest department as well as villagers throughout the period, the new alignment will required more forest land or agricultural land. The local people not agreed to change the existing alignment. 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 fact this road will serve for the forest department also for easy and speedy movement towards the Ghorakatora PF.

In the light of the above mentioned facts and keeping the fact that Nalanda District is fall under the rural category and as per the prescribed provisions I recommend positively for the approval of this instant proposal for construction of PCC road in the existing alignment under the provisions of the Act. Therefore this instant proposal for diversion of forest land may be approved with necessary conditions and directions.

The proposal forest land is part of Ghorakatora notified protected forest and falls within Protected Forest only. As per the final notification of the Eco sensitive Zone (S.O. 71(E) [10.01.2017] 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 has been notified as an Eco-sensitive Zone. The proposed area is more than 3 km away from Rajgir Wildlife Sanctuary which is not the part of ESZ.

Date: 03.10.2019
Place: Biharsharif

Signature

Name: - Dr. Nishant K.
Deputy Conservator of Forest
Nalanda Forest Division, Biharsharif

