

PART - II

(To be filled by concerned Deputy Conservator of Forest)

State Serial No. of the Proposal: **-126/2020****7. Location of the Project/Scheme:**

(i) State/Union Territory	Bihar
(ii) District	Nalanda
(iii) Forest Division	Nalanda Forest Division, Bihar Sharif
(iv) Area of Forest Land Proposed for Diversion (in ha.)	1.10 ha.
(v) Legal Status of Forest	

The Proposed project area is passing through notified protected forest i.e. Biharsarif -Rajgir Road (NH-82) and Bihar Sharif- Bakthiyarpur Road (NH-31) in Nalanda District is Part of Rajgir & Bihar Sharif 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 1.10 ha (as per field verification) is proposed for diversion. (Notification annexed in Annexure 1 of Part II). The legal status of the proposed forest land is as follows:-

Sl.NO	Name of Road	Location	Total Length in Meter	Area in Hectare	Remark
1	2	3	4	5	6
1	Biharsarif -Rajgir Road	Panchshol petrol pump (Silao) to Kargil Chowk	19000	0.95	NH-82
2	Bihar Sharif- Bakthiyarpur	Bihar Sharif (Kargil Chowk) - Sriram Petrol Pump	3000	0.15	NH-31
Grand Total			22000	1.10	

(vi) Density of Vegetation	0.1 (Many 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 and certified that no tree felling/ cutting will be involved in laying construction of natural gas steel pipeline network. During the inspection the user agency informed that the pipeline will be aligned in the manner so that no trees required felling or pruning etc and where the densely populated area the pipeline 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 protected forest areas of road side. The proposed diversion of land in Biharsarif -Rajgir Road (NH-82) is situated 7 km from Ghorakatora PF and Rajgir PF is 6 KM in the Rajgir range. The area situated approximately 6 km from the boundary of Rajgir Wildlife Sanctuary also. From Bihar Sharif range nearest natural forest boundary is situated approximately 18 km.

(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 and Eco-Sensitive Zone etc.
(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, Porcupine, common hare etc found in forest land of project area as well the nearest forest 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. 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/heritage site is Nalanda Ruins approximately situated around 2 km from the proposed project alignment
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 1.10 ha. The user agency annexed the certificate for requirement of 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. Agency has not started any work in violation of the Act in the proposed site.
10. Details of compensatory afforestation Scheme : (i) Details of non-forest area/degraded forest area identified for compensation.	The area of diversion is 1.10 ha. in the Nalanda Forest Division. The present proposal involves Two districts (Nalanda and Gaya). For compensatory afforestation work actually will be carried out in the Kalyanbigha- Harnaut Station road with 100 Iron Gabion. This plantation proposed in the 0.75 Km, both side of the road. The details Scheme along with GPS Reading attached with proposal.
(ii) Map showing Non-Forest/degraded Forest area identified for compensation.	Map for the CA along with GPS is 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 afforestation 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 736407/- (Rs. Seven Lakh thirty six Thousand four hundred seven 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-V		
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	277.3925 Ha in 32 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)
	2011-12	PF- Block plantation	10 Ha.
	2013-14	PF- Road side linear plantation	39.5 Km.
	2016-17	PF- Block plantation	1 Ha.
	2017-18	-	-
	2018-19	PF- Block Plantation	1 ha
	2019-20	PF-Block plantation	24 ha
	2020-2021	Block plantation	4.785 ha
	2020-2021	Linear plantation	0.5km
(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)		
(v) Progress of afforestation as on (25.8.2020)	Maintenance work of previous year plantations are going on 24 ha -17000 plants		
(a) Forest land	1250 plants 2018-19 - Maintenance is going on. 1250-plants 2016-17- Maintenance work completed. 1250 plants- (other sources)- 2018-19 - Maintenance is going on 4835 plants completion work is going on.		
(b) Non-Forest land	Compensatory afforestation works were completed - 342 Iron Gabion plantations (work completed). 2018-19 - 1900 Iron Gabion plantation- Maintenance is going on. 50- Iron gabion of 2019-20 Maintenance is going on. 440 iron gabion completion work 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 1.10 ha in Nalanda Forest Division, Bihar Sharif. This is the bare minimum of forest land required for the instant project and has no other alternative to by-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 instant proposal with necessary safety measures of Gas pipeline. Therefore this instant proposal for diversion of forest land may be approved with necessary conditions and directions.

Date: 31.08.2020
Place: Bihar Sharif

Signature



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

