

CHECK LIST SERIAL NUMBER 16

SITE INSPECTION REPORT NOT BELOW THE RANK OF DEPUTY CONSERVATOR OF FORESTS

(For the forest land to be diverted under FCA)

A Proposal has been received by this office from the Addl. Principal Chief Conservator of Forests (F.D & Nodal Officer, F.C Act), Office of the Principal Chief Conservator of Forests, Odisha , Bhubaneswar online and hard copy from the user agency Executive Engineer, NH Division, Sambalpur on 12.07.2018 for diversion (under FCA -1980) of 27.343 hectares of forest land for non-forestry purpose. Out of the applied area of 27.343 ha of Forest land, 7.722 ha of Forest land comes within the jurisdiction of Phulbani Forest Division of Kandhamal district. The project envisage the use of forest land* Widening of existing 2-lane to 2-lane with 1.5m. Wide paved shoulder from Km 0/0 to 81/00 in Phulbani Division of NH-157 on EPC Mode. (93/0 to 119/0 of N.H-157 comes under Ghumsur North Division). The Site Inspection of the land involved in the proposal has been done by me on 27.07.2018. On inspection of the site and records , it is found that

1) 7.722 ha of forest land is required by the user agency, which is coming within Ranipathar Reserved forest: 5.211 ha, Phulbani Proposed Reserved Forest (PRF): 0.823ha and Revenue Forest land 1.688ha).

2)The RCC pillars posted for demarcation of forest land to be diverted have not been serially numbered as per index map.

Again site inspection was made by me on 12.09.18 , pillar positions were matched with index map and found correct.

It is seen that the user agency has started execution of widening of the road in non forest land of the project. However the user agency submitted undertaking as per guide lines para 5.62 & 5.63 for F.C Act 2004.

458 no of sal and non sal trees have been marked in Forest land to be diverted for the purpose for felling.

The User agency has submitted land schedule of non forest land only chainage from 6/0 to 14/0 km, not for entire length of project applied for ie chainage 3/670 to 81/0 Km which is coming within Phulbani Forest Division. The Forest land 7.722 hect of this division involved for diversion is coming within chainage from 6/0 to 14/0 km. The user agency has submitted a

statement that no forest land is coming within the chainage from 14/0 to 81/0 certified by Tahasildars. However user agency has submitted undertaking that land schedule and map of entire project are will be submitted within two months.

The requirement of forest land as proposed by the user agency in Col 2 of Part-I is unavoidable and is barest minimum required for the project.

Whether any rare/endangered /unique species of flora and fauna found in the area. If so, the details thereof:

The area is partly coming under Ranipathar RF and Partly under Phulbani PRF. Elephant is occasionally seen in this part of Forest. Other animals seen are Wild boar, Spotted Deer, Mouse Deer, Porcupines, Wolf, Jungle cat, Sloth Bear, Rattles, Python, Leopard (Rarely Seen), Jackal, Mongoose, Lizards, Peafowl etc. This road is an existing one and this is an up-gradation to accommodate the increased traffic and a part of **Ranchi- Vijayawada corridor. This Road is passing through Left Wing Affected district / Area.**

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 : NO

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(a) The user agency has not violated the provisions of Forests (Conservation) Act, 1980 and no work has been started without proper sanction:


Place: Phulbani.
Date: 30.12.2018

Signature
Name: Sri Lakshmi Narayan Behera OFS-I. (SB)
Designation: Divisional Forest Officer,
Phulbani Division.
Official seal: **Divisional Forest Officer,
Phulbani Forest Division**

SITE INSPECTION REPORT OF DIVISIONAL FOREST OFFICER : PHULBANI DIVISION		
1	Name of the Project	Widening of existing 2-lane to 2-lane with 1.5m. wide paved shoulder from Km 0/0 to 81/00 & 93/0 to 119/0 of N.H-157 on EPC mode.
2	Name of the District/ Division	Kandhamal / Phulbani Forest Division.
3	Date/ dates of inspection	27 th July,2018 and 12 th ,sept,2018
4	Name & Designation of the inspecting Officer	Sri Lakshmi Narayan Behera, OFS-I (SB) Divisional Forest Officer, Phulbani Wildlife Division. Other Officers those have attended inspection. Forest Range Officer:Sri Bikram Pradhan, Sudurkumpa Range.Sri Dhyam Chand Nayak, Executive Engineer, NH Division Sambalpur
5	Legal status of Forest land with area proposed for diversion	Reserved Forest: 5.211 ha PRF: 0.823 ha Revenue forest: 1.688ha Total: 7.722ha
6	If area required for diversion has been demarcated on the ground	Yes
7	Item wise breakup of the forest land proposed	Up-Gradation of Existing Road with Paved Shoulder: 7.722 ha
8	Condition of vegetation and type of forest in applied area	The applied area is a narrow strip on both sides of the existing Road. The strip is a part of the Forest (RF/ PRF) existing on both side. The forest is Moist Deciduous Forest ; Eco Class (I) Crop density is about 0.50
9	Position of wildlife in General	In Reserved Forest Elephant is occasionally seen in this part of Forest. Other animals seen are Wild boar, Spotted Deer, Mouse Deer, Porcupines, Wolf, Jungle cat, Sloth Bear, Rattles, Python, Leopard (Rarely Seen), Jackal, Mongoose, Lizards, Peafowl etc
10	Whether the applied area is involved with any eco-sensitive zone /National park /Sanctuary	The area is not part of any National Park/ Wildlife Sanctuary and not coming within the Eco Sensitive Zone of any National Park / Sanctuary or Protected area.
11	Number of trees to be felled and its impact on the Eco-system	458 numbers of trees standing on RF / PRF on both the sides of the Road will be felled for expansion / Up-Gradation of the Road. As the number of trees to be felled is 63 trees per hectare, it will have an adverse effect on environment which needs to be addressed by tree planting elsewhere.
12	Details of broken up area and reclamation done if any (Mining cases)	Not applicable
13	Position of displacement of people & adequacy of rehabilitation if any	Not applicable

14	Position of rare & endangered species available and importance of area from Eco-social point of view	Elephant, Sloth Bear, Leopard (Very Rare), Deer, Mouse deer, Wolf, Jungle cat Python, Peacock etc are seen. A site specific Wildlife Management plan to reduce the impact is strongly recommended.
15	Non-forest land used in the project and non forest land selected for Compensatory Afforestation is included in the D.L.C report or not	6.36ha non forest land (in Phulbani Division) will be utilized for the project. For Compensatory Afforestation purpose degraded Govt. Forest land (Katingia PRF) has been selected in G.Udayagiri Range of this Division. The land so selected is 16.0 ha. from PRF. It is two times of Forest land proposed for Diversion (7.722ha x2=15.444ha)
16	Suitability of the identified non-forest land/degraded forest land for Compensatory Afforestation.	The area so selected in Katingia PRF is suitable for Compensatory Afforestation purpose. Plantation under Block Plantation mode @ 1000 plants /ha. will be taken up with Barbed wire Fencing. The area is covered under working plan. Hence ideal from Management point of view.
17	Violation of Forest (Conservation) Act, 1980 of any and action taken thereon.	No Violation.

Place- Phulbani
Date: 30th December, 2018

Signature


Name: Sri Lakshmi Narayan Behera, OFS-I. (SB)
Designation: Divisional Forest Officer,
Phulbani Division

Official seal: **Divisional Forest Officer,
Phulbani Forest Division**

PART – II

(To be filled by the concerned Deputy Conservator of Forests)


State serial No. of proposal OR-02/Dated 04.01.2018 **(FP/OR/ROAD/31054/2017)**

7.	Location of the project/Scheme:	
(i)	State /Union Territory:	ODISHA
(ii)	District:	Kandhamal
(iii)	Forest Division:	Phulbani Division
(iv)	Area of forest land proposed for diversion (in hectares):	7.722 ha in Phulbani Division (Total applied area =27.343ha)
(v)	Legal status of forest:	Reserved Forest / Proposed RF/ Revenue Forest land.
(vi)	Density of vegetation:	About 0.50
(vii)	Species-wise (scientific names) and diameter class-wise enumeration of trees (to be enclosed. In case of irrigation / hydel projects enumeration at FRL, FRL – 2 meter & FRL – 4 meter also be enclosed.)	Total number of trees enumerated is 458. The detail list is at Page190-to 205 of the DP.
(viii)	Brief note of vulnerability of the forest area to erosion	It is a plain and Ghat Road. The terrain is undulating and prone to soil erosion. Due to thick vegetation on both sides erosion is controlled.
(ix)	Approximate distance of proposed site for diversion from boundary of forest.	It is inside the Ranipathar RF and Phulbani PRF.
(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).	It is a not forming a part of National Park /Wildlife Sanctuary / Biosphere reserve, Tiger Reserve, Elephant Reserve/ Elephant Corridor. It is also not coming within Eco- Sensitive Zone of any NP/ Sanctuary/ PA.
(xi)	Whether any rare/endangered/unique species of flora and fauna found in the area – if so details thereof.	Elephant, Sloth Bear, Leopard, Mouse deer, Python, Peacock enlisted as Schedule-I animal are seen in the area. No endangered flora is found in the area.
(xii)	Whether any protected archaeological/ heritage site/defence establishment or any other important monument is located in the area. If so, the details thereof with NOC from competent authority, if required	No. The applied area is not significant from archeological / Defense or any important monumental point of view.
8	Whether the requirement of forest land as proposed by the user agency in col. 2 of Part-I is unavoidable and barest minimum for the project. If so, recommended area item-wise with details of alternatives examined.	The Forest area required is barest minimum. A certificate to this effect is attached at Annexure- of the Proposal. .

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.	No. No work has been taken up in the road for which this diversion proposal has been filed.
10	Details of compensatory afforestation scheme:	The detail Compensatory Afforestation Scheme is at Check list serial no 18 (Page 236 of the Diversion Proposal). The Estimated cost for Compensatory Afforestation is Rs 50.08 lakh
(i)	Details of non-forest area/degraded forest area identified for compensatory Afforestation, its distance from adjoining forest, number of patches, size of each patch.	The area selected for Compensatory Afforestation purpose is in Katinga PRF over an area of 16 ha. It is suitable for plantation, free from encroachment and Plantation under Block Plantation mode @1000 plants/ha. will be taken up with Barbed wire Fencing. The area is covered under working plan. Hence ideal from Management point of view.
(ii)	Map showing non-forest/degraded forest area identified for compensatory afforestation and Adjoining forest boundaries.	The Topo Map depicting the CA Land is at Plate No ---- (Survey of India Topo map no F 45 S 8) The U/A has also carried out DGPS Survey and DGPS map is at Plate No --- .
(iii)	Detailed compensatory afforestation scheme including species to be planted, implementing agency, time schedule, cost structure etc.	Detail Compensatory Afforestation Scheme is attached as per Check list no 18. The Total estimated cost comes to Rs 50.08 Lakh.
(iv)	Total financial outlay for compensatory afforestation scheme.	a- Cost of Afforestation ---23.50 Lakhs
		b- Cost of Soil & Moisture Conservation: Rs. 4.73
		c- Cost of Barbed wire Fencing: 12.25
		Sub Total:40.48 Lakh
		EPA/VSS activation-1.5 lakh
		Cost of Escalation @20% - 8.1 Lakh
		Grand Total-50.08 Lakhs
(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).	Furnished in the Diversion Proposal as per Check list no 20. (Page 48) of Proposal.
11	Site inspection report of the Deputy Conservator of Forests (to be enclosed) especially highlighting facts asked in col. 7(xi, xii), 8 and 9 above.	The project site inspected on 27 th July'2018. And 12 th sept 2018. The land proposed for diversion does not form part of Wildlife Sanctuary/ National Park/ Biosphere reserve, Tiger Reserve / Elephant Reserve. Elephant, Sloth Bear, Leopard, Mouse deer, Python, Peacock enlisted as Schedule-I animal are seen in the area.

		A Site Specific Wildlife Management Plan is to be prepared by the User Agency and to be implemented at the Project Cost.
12	Division/District profile:	
(i)	Geographical area of the district.	802000 ha.
(ii)	Forest area of the district.	570983 ha.
(iii)	Total forest area diverted since 1980 with number of cases.	NIL
(iv)	Total compensatory afforestation stipulated in the district/division since 1980 on	Nil
(a)	Forest land including penal compensatory afforestation,	Nil
(b)	Non-forest land.	Nil
(v)	Progress of compensatory afforestation as on (dated) _____ on	Nil
a	Forest land	Nil
b	Non-forest land.	Nil
13	Specific recommendations of the Deputy Conservator of Forests for acceptance or otherwise of the proposal with reasons.	Considering all aspects involved in forest diversion, Economic growth of the area and Socio – Economic condition of the locality and to have rapid movement, diversion of 7.722 ha of Forest land of Kandhamal District u/s 2 (ii) of Forest (Conservation) Act,1980 is recommended for Up- Gradation of Existing 2 lane road to 2 lane with Paved shoulder 1.5m on both sides of the existing Road (NH-157). This will allow speedy movement in this left wing affected district and also help in socio- economic growth of the area/ district. Movement from western Odisha to Coastal area will be less time consuming.

Place- Phulbani
Date: 30th December, 2018

Signature


Name: Sri Lakshmi Narayan Behera, OFS-I. (SB)
Designation: Divisional Forest Officer,
Phulbani Division

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Phulbani Forest Division**