

## PART-II

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

State serial no. of proposal: **FP/MN/ROAD/22952/2016**

(Rehabilitations and upgrading of existing 2 laning of Khongsang-Tamenglong section of NH-137 in the State of Manipur on Engineering, Procurement and Construction (EPC) Mode.

7. Location of project/Scheme:

- I. State/Union Territory : **Manipur State**  
II. District : **Tamenglong**  
III. Forest Division : **Western Forest Division(WFD), Tamenglong**  
IV. Area of forest land proposed for Diversion (in hectare): **89.865 (37.44 km length x 24 m width)**

Sl. No.	Forest Class	Area in ha
1.	Degraded Forest/Scrubs	5.635
2.	Open Forest	28.640
3.	Moderately Dense Forest	49.640
4.	Very Dense Forest	5.941
	<b>Total</b>	<b>89.856</b>

V. Legal Status of Forest:

Sl. No.	Status of Forests	Area in ha.
1.	Unclass Forest (UF)	89.856
	<b>Total</b>	<b>89.856</b>

VI. Density of vegetation:

- a. Degraded forest/Scrubs : 8% ( 5.635 ha)  
b. Open Forest : 30% (28.640 ha)  
c. Moderately Dense Forest : 50% (49.640 ha)  
d. Very Dense Forest : 80% ( 5.941 ha)

VII. Species wise (scientific name) and diameter class-wise enumeration of trees (to be enclosed).  
In case of irrigation/ hydel projects enumeration at FRL-1, FRL-2 meter and FRL-4 meter also to be enclosed). : **Enclosed as annexure -I**


VIII. Brief note on vulnerability of the forest area to erosion: **Vulnerability to soil erosion is negligible**

IX. Approximate distance of proposed site for diversion from boundary of forest: **The proposed road starts from forest land and ends on forest land.**

X. Whether forms part of a 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 does not touch National Park, Wildlife sanctuary, Biosphere reserve, Tiger reserve, Elephant corridor etc..**

XI. Whether any rare /endangered /unique species of flora and fauna found in the area (If so details thereof) : **Yes, animals like hog deer, sambar, jungle cat, squirrel, porcupine, wild pig, snakes etc. and birds like eagle, owl, khalij pheasant, Jungle fowl etc. are 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 detail thereof with NOC from competent authority, if required : **No**

  
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8. Whether the requirement of forest land as proposed by the user agency in col.no.2 of Part -I is unavoidable and barest minimum for the project. If no, recommended area item-wise with details of alternatives examined : Yes, it is unavoidable and barest minimum.
9. Whether any work in violation of the Act has been carried out (Yes/No). If Yes detail of the same including period of work done, action taken on erring officials. Whether work in violation is still in progress : No
10. Detail of Compensatory Afforestation Scheme:-
- Details of non-forest area/degraded forest area identified for compensatory afforestation, its distance from adjoining forest, number of patches, and size of each patch. (Detailed Enclosed as annexure II)
  - Map showing non forest /degraded forest area identified for compensatory afforestation and adjoining forest boundaries. (Please refer survey of India Topo map for attached Annexure-III. (Enclosed as annexure-III)
  - Detailed Compensatory Afforestation scheme including species to be planted by implementing agency, time schedule, cost structure etc. (Enclosed as annexure-IV)
  - Total financial outlay for Compensatory Afforestation scheme: - Rs. 372.443 lakhs
  - 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.): - (Enclosed as annexure -V)
- 11 Site inspection report of the DCF (to be enclosed) especially highlighting facts asked in col. 7 (xi, xii), 2 and 3 above. (Enclosed as annexure -VI)
- 12 Division/District profile:-

I. Geographical area of the district/Division:

Particulars	Area (Sq Km)
Geographical area of the Western Forest Division, Tamenglong	3282.02
Forest cover of the Western Forest Division, Tamenglong	3046.56

II. Total forest area diverted since 1980 with number of cases :-

Sl. No.	Project	Area (ha)
1.	132 KV SC Transmission Line <i>Stage-II cleared</i>	357.00
2.	400 KV DC Transmission Line <i>Stage-II cleared</i>	135.82
3.	Loktak downstream Hydro-Electric Project <i>Stage-II cleared</i>	211.50
4.	Jiribam-Tupul-Imphal Railway line <i>Stage-I Cleared</i>	687.403
5.	Widening of Tupul-Bishnupur Road <i>Stage-1 Cleared</i>	9.00
6.	Barak Makru Bridges, <i>Stage-1 Cleared</i>	3.73
7.	Construction of Imphal-Kangchup-Tamenglong Road, Stage-I Cleared	80.870
	<b>TOTAL</b>	<b>1485.323</b>

III. Total Compensatory Afforestation stipulated in the District/Division since 1980 on:-

a. Forest land including penal Compensatory Afforestation :-

Division/ District	Forest Area Diverted(ha)	CA (ha)	Penal CA (ha)	Total (ha)
Western Forest Division, Tamenglong	i) 132 KV SC Transmission Line (243.00 ha)	357.000 (No double CA)	-	2950.796
	ii) 400 KV DC Transmission Line (135.82 ha)	135.820	-	
	iii) Loktak downstream Hydro-Electric Project (211.50 ha)	211.500	-	
	iv) Jiribam-Tupul-Imphal Railway line (1005.055 ha)	687.403	-	
	v) Widening of Tupul-Bishnupur Road (9.000 ha)	9.000	-	
	vi) Barak Makru Bridge (3.73 ha)	3.730	-	
	vii) Construction of Imphal-Kangchup-Tamenglong Road (80.870 ha)	80.870	-	
	<b>TOTAL</b>	<b>1128.323 x 2 = 2256.646 + 357.00 = 2613.646</b>	<b>337.15</b>	<b>2950.796</b>

  
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- b. Non-forest land :- Nil
- ii) Progress of Compensatory Afforestation as on (date) 15/06/2017 on
- a. Forest land :- 2950.796 (including penal CA for Jiribam-Tupul-Imphal Railway line)
- b. Non-forest land:- :- Nil
13. Specific recommendations of the DCF for acceptance or otherwise of the proposal with reasons.

The existing Khongsang-Tamenglong Road has improper alignment, steep gradient, bad drainage system, lack of culverts etc. which led to continuous road surface runoff. Moreover, the absent of breast and retaining walls caused frequent occurrence of landslide, road sinking disconnecting the people with the rest of the state for days and even weeks. This is the scenario seen in the present condition of the existing road.

Whereas, construction of proposed road will shorten the distance from 40 km to 37.44 km and time consumed from 3 hours to 1 ½ hour between Khongsang-Tamenglong with a safe and secure road condition. It will also facilitate the people of the villagers dwelling around the road for marketization and transportation of their local produce to District HQ as well as to the rest of the state. The proposed rehabilitations and upgradation of the existing Khongsang-Tamenglong road will also provide employment opportunities directly or indirectly to the villagers settled by the road. Hence, the project proposal is recommended for kind acceptance.

Date: 15/06/2017  
Place: Tamenglong

  
(Huri Golmei)  
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