

**COST BENEFIT ANALYSIS**

**ADDITIONAL PROPOSAL AREA OF 17.37 HA. FOR DIVERSION OF FOREST LAND FOR IMPROVEMENT/UP GRADATION OF TRANS ARUNACHAL HIGHWAY (NH-52 B) FROM CHANGLANG-KHONSA ROAD (KM 23.400 TO KM 67.420) TO NHDL SPECIFICATION IN TIRAP DISTRICT OF ARUNACHAL PRADESH.**

**EVALUATION OF LOSS OF FOREST**

SL NO.	PARAMETER	FOR STRATEGIC ROAD CONSTRUCTION
1	Loss of value of timber, fuel wood and minor forest products on annual basis, including loss of man- hours of people who derived livelihood & wages from the harvest of these commodities.	The details enumeration of the forest products has been done. About 1120Nos of trees, poles and other forest products are likely to be affected in the diverted forestland, for which the crop compensation amounting to Rs.18.17Lacs (Approx) will be paid to the legal owners of the tress. Over and above this Royalty amounting to Rs. 0.50Lacs will be paid to the Forest department. However, it is assured that the removal of the forest products/felling of trees/poles would be minimized only, where it is very much required.
2	Loss of animal husbandry productivity inclusive of loss of fodder	Nil, as an area is not habited
3	Cost of human resettlement	Nil, as an area is not habited, hence there is no major displacement of any oust sees in the project & hence there would be no resettlement.
4	Loss of public facilities & administrative infrastructure of forest land or which would require forest land if facilities were diverted due to the project	Nil, as there is no public facilities service existing.



*Bouastar*

5	Environmental – Losses – (Soil erosion, Wild life, habitant, effect on hydrological cycle, microclimate upsetting of ecological balance	As per the guide lines Considering environmental loses as Rs. 126.74 Lacs per Ha. havinga forest density of 1.0, the net Environmental loses amount to Rs. 2201.474Lacs (Approx.) for 17.37Ha.of forest land having a density of 0.4 to 0.5.  There will be minimal impact on the environment as plantation will be carried out on the open face of the forest. The compensation for environmental Poses will be paid as per the assessed Net Present Value (NPV) for the diverted Forest Land.
6	Suffering to oust sees	Nil, as the area not habited



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