

**COST BENEFIT ANALYSIS**

**Project: Diversion of 25 hectares forest land for the resettlement of Bru Migrants in Manu Chelingta of Kanchanpur Sub-division, North Tripura District**

Table B:- Estimation of cost of forest diversion ( as per MoEF&CC guideline dated 1st Aug, 20-17 related to cost benefit analysis)

SI NO	Parameters	Remarks
1	Ecosystem service loss due to forest diversion	NPV of forest land being diverted i.e. $UGF = 25 * Rs\ 9,39,000 = Rs\ 23475000$ i.e Rs. 2.3475 crore
2	Loss of animal husbandary productivity including loss of fodder	Productivity of livestock wont be affected due to resettlement 10% of NPV applicable ie 0.23475 crore
3	Cost to human settlement	No displacement. Cost to human settlement = 0
4	Loss of public facilities and administrative infrastructure (roads, building, school, dispensary, electric line, railways etc) on forest land or which would require forest land if these facilities were to be diverted due to the project	Not applicable. Land is uninhabited and without buildings
5	Possession value of forest land diverted	30% of NPV i.e 0.70425 crore
6	Cost of suffering of oustees	Not applicable as there is no displacement
7	Habitation fragmentation cost	50% of NPV applicable as per thumb rule i.e. Rs. 1.17375 crore
8	Compensatory afforestation and soil and moisture Conservation cost	CA cost of Rs. 0.81 crores (3.24 lakhs per hectare). Soil & Moisture conservation cost included in CA cost.
<b>Total loss (Against the proposed forest land diversion )</b>		<b>Rs 5.27025 crores i.e. Rs. 5,27,02,500/-</b>

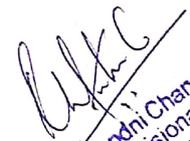
  
 Chandni Chandran, IAS  
 Sub-Divisional Magistrate  
 Kanchanpur, North Tripura.

Table C:- Estimation of Benefit of Forest Diversion in Cost Benefit Analysis (as per MoEF&CC Guideline dated 1st Aug, 2017 related to cost benefit analysis)

SI No	Parameters	Remarks
1	Increase in productivity attributed to specific project	Not applicable
2	Benefit to economy for specific project	Rs. 308682250 i.e. Rs. 30.868225 Crores
3	No. of Population benefited due to the specific project	Population of 5000 of Bru migrants in Tripura to be benefited due to the rehabilitation.
4	Economic benefit due to direct and indirect employment due to the project	Rs. 32697945 i.e. Rs. 3.269745 Crore
5	Economic benefit due to Compensatory afforestation.	Rs. 0.81 Crores
	Total Benefit	Rs. 34.9480195 Crores

Cost benefit Ratio i.e. Project Benefit/Forest Loss= ( 34.9480195/5.27025)=6.63:1

Hence the Project has a high benefit to the country as compared to forest loss. The benefit to loss ratio is approximate 6.63 times.

  
 Chandni Chandran, IAS  
 Sub-Divisional Magistrate  
 Kanchanpur, North Tripura