

ANNEXURE- IXA

Cost-Benefit Analysis in respect of the proposal for diversion of Bansapani Iron Ore Mines of M/s OMC Ltd in Barbil Tahasil under the jurisdiction of Keonjhar Forest Division of Keonjhar District, Odisha.

Table- B: Estimation of cost of forest diversion

Sl. No	Parameters	Remarks
1	Eco-system services losses due to proposed forest diversion.	Rs. 17,20,41,702/- [Rs. 9,39,000/- x 183.218 ha].
2	Loss of animal husbandry productivity, including loss of fodder.	Rs. 1,72,04,170/- [Rs. 17,20,41,702/- x 10%]
3	Cost of human re-settlement.	Nil
4	Loss of public facilities and administrative infrastructure (roads, building, schools, dispensaries, electric lines, railways, etc.) on forest land, which would require forest land if these facilities were diverted due to the project.	Nil
5	Possession value of forest land diverted	Rs. 5,16,12,510/- [Rs. 17,20,41,702/- x 30%]
6	Cost of suffering to oustees.	Nil
7	Habitat fragmentation cost.	Rs. 8,60,20,851/- [Rs. 17,20,41,702/- x 50%]
8	Compensatory afforestation and soil & moisture conservation cost.	N/A
Total estimation of cost of forest diversion		Rs. 32.69 Crore

Table- C: Existing guidelines for estimating benefits of forest diversion in CBA.

Sl. No	Parameters	Remarks
1	Increase in productively attribute to the specific project.	315.7 Crore
2	Benefits to economy due to the specific project.	960.06 Crore
3	No. of population benefited due to the specific project.	Direct- 100 Nos. Indirect- 500 Nos.
4	Economic benefits due to direct and indirect employment due to the project.	165.00 Crore
5	Economic benefits due to Compensatory afforestation.	157.53 Crore
	Total estimating benefits of forest diversion	1598.23 Crore

CB ratio (calculation is based on available information against the Parameters) \approx 1:48.89

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