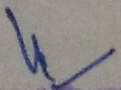


Cost Benefit Analysis of Slurry Pipeline Project from Kirandul to Nagarnar

Table-B: Estimation of cost of forest diversion

SN	Parameters	Value (in Rs.)
1	Ecosystem services losses due to proposed forest diversion.	Rs. 799.85 Lakhs
2	Loss of animal husbandry productivity, including loss of fodder.	10% of 7,99,85,901 = 79.98 Lakhs
3	Cost of human resettlement.	No Human Resettlement is involved in this project
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.	No Public facilities would require to be diverted due to this project
5	Possession value of forest land diverted.	30% of 7,99,85,901 = 239.95 lakhs
6	Cost of suffering to oustees.	Displacement of people is not involved in this project.
7	Habitat Fragmentation Cost.	50% of 7,99,85,901 = 399.92 lakhs
8	Compensatory Afforestation and soil & moisture conservation cost.	1008.28 lakhs
	Total Cost	2527.98 lakhs


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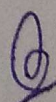
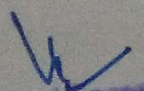
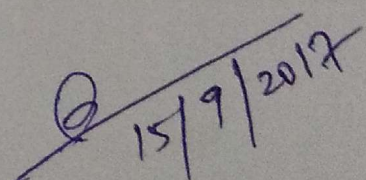

15/9/2017
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Project Manager
Slurry Pipe Line Project
NMDC Ltd., Jagdalpur

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

Sr. No.	Parameters	Remarks
1	Increase in productively attribute to the specific project.	43,100lacs per annum.
2	Benefits to economy due to the specific project.	Rs. 17,640 lacs per annum.
3	No. of population benefited due to specific project.	2500.
4	Economic benefits due to of direct and indirect employment due to the project.	2000 lacs per annum
5	Economic benefits due to Compensatory afforestation.	799.85 lacs
	Total Benefit	63539.85 lakhs

Therefore, BC ratio for the Slurry Pipeline Project = 1: 25


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