



OFFICE OF THE SUPERINTENDENT OF POLICE
RAMGARH, JHARKHAND, INDIA

Memo No: - 199/G.S.

03/06/2023

FULL TITLE OF THE PROJECT: - POLICE LINE RAMGARH

FILE NO.: -FP/JH/Others/30674/2017

DATE OF PROPOSAL: -07/12/2017

COST BENEFIT RATIO

Table —A Estimation of cost of forest diversion

Sl.No.	Parameters	Value	Remarks
1	Ecosystem services losses due to purposes forest diversion	124.96 lakhs	NPV of 13.047 ha of Eco Class III forest with crown density of 0.3
2	Loss of animal husbandry Productivity Including loss of fodder	12.49 lakhs	10% of NPV value is taken
3	Cost of human resettlement	Nil	
4	Loss of public facilities and administrative infrastructure (Roads, building, schools, dispensaries, electric lines, railway 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	37.48 lakhs	30% of NPV value is taken or circle rate of adjoining area in the district
6	Cost of suffering oustees	Nil	
7	Habitat fragmentation cost	62.48 lakhs	50% of NPV value is taken
8	Compensatory afforestation and soil and moisture conservation compensatory cost.	114.97 lakhs	Estimated Cost
Total Cost in monetary terms		3,52.38 lakhs	

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

Sl.No	Parameters	Result (INR in lakh)	Remarks
1	Increase in productivity attribute to the specific project	NA	Cannot be quantified but police line is needed for better policing infra leading to more productivity of the district due to better security conditions
2	Benefits to economy due to specific project	NA	Cannot be quantified but a police line in the district will bring massive investment due to secure and safe environment
3	No. of population benefitted due to specific project.	9,49,443	As per Census 2011
4	Economic benefits due to direct and indirect employment due to project	3920 lakhs	Wages payment to direct employment during construction (Estimated cost ((98 crores) * wage % (0.4))
		53000 lakh	Wages payment to concerned police staff, assuming 10 years of salary only, with 6% annual increment (Indirect)
5	Economic benefits due to compensatory afforestation	68.98 lakh	In CA wages (60% of total CA cost)
Total Benefit in Monetary Terms (2+4+5)		569,88.98 lakh	

Ratio of loss: profit = 352.38/56988.98 = 1:161.7

Place: - Ramgarh
Date:- 03-06-2023

03.6.23

SUPERINTENDENT OF POLICE

RAMGARH

Superintendent of Police

Ramgarh