

# Cost Benefit Ratio Chart

**NAME OF PROJECT – C/o Aadichaura to Sinni motor road . KM- 13.000**


**Block:-Munsyari**


**Dist:- Pithoragarh**

S.No.	Particulars	Amount Lacs	Remark
1	Total cost (Investment incurred)		
(A)	Construction Cost of Project		
(B)	NPV Amount to be disposed	922.18	Lacs
(C)	Substitute/Alternation Plantation Cost to be Disposed:- (CA+Path Plantation+Cost of timber) (29.60+26.00+3.18)	92.84	Lacs
		58.78	Lacs
(D)	Environmental losses, ( Soil erosion, effect on hydrological cycle, wildlife habitat, microclimate upsetting of ecological balance) as per annexure VI(B)		
(E)	Cost of Nap land as per annexure VI(C)	590.29	Lacs
		18.40	Lacs
	Total	1682.49	Lacs
2.1	Benefits:-		
	Benefits from (Taking age of Road as 50 years)	Total benefit during the life of created development	
(A)	Economics Benefits Market Development Taking 20 shops are established after construction of above road taking minimum benefit for per shop per day Rs 250.00 benefit for 10 shops per month $10 \times 30 \times 250 = 75000 \times 12 = 900000.00$ Benefits for 50 years = $900000.00 \times 50 = 45000000.00$ 15 permanent and above 150 temporary labors in this project will get employment to local youth their social economic cultural, emotional life structure will be benefited as per annexure VI(C)	450.00	Lacs
		180.67	Lacs
(B)	Employment Generation Due to other activities like Transportation market development etc. take 10 people get per month @ 8000.00 per month.  Benefit for 1 year = $8000.00 \times 12 \times 10 = 960000.00$ Benefit for 50 year = $960000.00 \times 12 = 48000000.00$	480.00	Lacs

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(C)	Tourism Employment growth due to tourism activities = 100000.00 per year per man if 5 people get employment  Benefit for 50 year = 100000.00 x 5 x 50 = 25000000.00	250.00	Lacs
(D)	(i) Vegetable and fruits = 400Qtl @ 1400/- = 560000.00 x 50  =280.00 Lac (ii) Benefit to economy 1x1.50x50 = 75.00 Lac	(280.00+75.00)= 355.00	Lacs
	Total Economics Benefits	3159.90	Lacs
Note	Therefore construction of Economically viable and social beneficial	1:1.88	


  
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**Parameter for Evaluation of loss of Forests**

S.No.	Parameters	Annexure-VI (B) Roads Tr lines & Railway line
1	Loss of Value of timber, fuel wood and minor forest produce on an annual basis, including loss of man hours per annum of people who derived livelihood and wage from the harvest of these commodities	Effectuated tree 722 from 13.000 km length. Loss of Value of timber 3.18 Lacs.
2	Loss of Animals husbandry productivity including loss of fodder	No losses of animal husbandry instead it will assist people to develop the occupation.
3	Cost of human resettlement	Nil.
4	Loss of public facilities and administrative infrastructure (Roads, Buildings, Schools, Dispensaries, Electric lines, Railways etc) on which would require forest land if these facilities were diverted due to the project	Not any facilities diverted due to project and forest land is their facilities are not required.
5	Environmental losses;(Soil erosion, effect on hydrological cycle, wildlife habitat, microclimate upsetting of ecological balance)	Environmental loss $2.250 \times 0.20 \times 126.74$ = 590.29Lacs.
6	Suffering to ousters.	Nil

  
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(3)

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
**Parameter for Evaluation of Benefit, notwithstanding loss of Forests.**

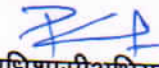
**Annexure-VI (C)**

S. no	Parameters	Roads line
1	Increase in productivity attributable to the specific project	Vegetable and fruits = 400Qtl @ 1400/- = 560000.00 x 50 = 28000000.00 say <b>280.00</b> Lacs for 50 years.
2	Benefits to economy	About 1.50 lac due to milk production, vegetable, fruits, tourism and other mining mineral materials. 1.50x50 yrs.= <b>75.00 Lac</b>
3	No of population benefited	254 People
4	Employment potential	15 permanent and above 150 temporary labours in this project will get employment to local youth their social economic cultural, emotional life structure will be benefited = 165 x 300 x 365 = <b>180.67 Lacs</b>
5	Economics Benefits Market Development Taking shops	Economics Benefits Market Development Taking 20 shops are established after construction of above road taking minimum benefit for per shop per day Rs 250.00 benefit for 100 shops per month 10 X 30 X 250 = 75000 X 12 = 900000.00 Benefits for 50 years = 900000.00 X 50 = 90000000.00 Say Rs <b>450.00 lacs</b>
6	Cost of acquisition of facility on non forest land wherever feasible	Nap Land 2.045 <u>hect.@ 9.00 Lacs/hect</u> = <b>18.40 Lacs</b>
7	Loss of (a) agricultural & (b) animal, husbandry production due to diversion of forest land	Nil

  
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 धारवाड़ जिला, राजस्थान

8	Cost of rehabilitating the displaced persons as different from compensatory amounts given for displacement	Nil
9	Cost of supply of free fuel-wood to workers residing in or near forest area during the period of construction	Kerosine Oil/Gas Connection service is available in the area/dry fule wood will be sufficient from nearby Nigam Depoe during construction.
10	Medical Parameter	In case of accidents or any medical emergency the people of the village will get medical add in short period.
11	Educational parameter	The school going children no are involved in agricultural activities they will be able to go nearest colleges for higher education.
12	Environmental parameter	In case of any fire the forest department / fire brigade will be able to control quickly.
13	Tourism parameter	Tourism activities will be increased by providing at least 5 people benefit  For 50 year = 100000.00 x 5 x 50  = 25000000.00  Say 250.00 lacs

  
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