

प्रारूप- 29

(5.00 हे० से अधिक के प्रकरणों में लागू)

Cost Benefit Ratio calculation Performa

Name of the Project- Tanakjpur – Tawaghat NH To RATHI MOTOR ROAD.

Block- Dharchula

District- Pithoragarh

1 Road Length

20.425 km

2 Forest Land-

10.800 Hact

3 Nap Land

7.583 Hact.

4 Population Served-

3307

SL. No.	Particulars	Amount in lakhs	Remark
1	Total cost (Investment incurred)		
a	Construction cost of the project	102125000.00	
b	N.P.V. Amount to be deposited @ 8.97 lakh /Ha	9687600.00	
c	Substitute/Alternative Plantation Cost to be Deposited: (865693.00+2808000+4085000)	7758693.00	
d	Other cost if any(cost of nap land) @50.00 lakh /Ha	37915000.00	
	Grand Total	157486293.00	
2	Benefits	Estimated Cost /yearly	Total benefit during the life of the created development
2.1	i. Direct Economic Benefits		
	a. Saving in Cartage of material by Vehicle instead of head load 1000 kg per person (3307*1000)	3307000.00	
	b. Aggriculter production @ 4000.00 per person(1750*4000)	13228000.00	
	c. Employment 40% population will get employed for 200 days.(200*0.4* 1750*400)	105824000.00	
	Total direct benefits	122359000.00	
2.2	ii. Social Benefits		
	a. Health (1750*500)	1653500.00	
	b. Education (1750*200)	661400.00	
	c. N.G.O.	50000.00	
	Total social benefits	2364900.00	
2.3	iii. Ecological Benefits		
	a. Tourism	50000.00	
	b. Adventure sports & trekking	20000.00	
	c. Forest Product	100000.00	
	Total ecological benefits	170000.00	
	Total Benefits per Year	124893900.00	
	Taking Life of road 50 year hence benefits 50 year. (124893900.00*50)	6244695000.00	
2.4	Other Benefits(if any)		
	a. Increase in cost of land taking 100 mtr along the road & For 20% of Road Length & assumining cost will be doubled.(8400*100*2*50)	84000000.00	
	Total benefits	84000000.00	
	Grand Total Benefits	6328695000.00	
	Cost Benefits(157486293.00/6328695000.00)	0.024884481	

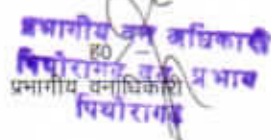


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