

PRAROOP-29

(5.00 हेक्टर से अधिक प्रकरणों में लागू)

COST BEN FIT RATIO CALCULATION PERFORMA)

Name Of Project :- Construction of Manch-Bakoda motor road under State Sector

Block : Champawat

District : Champawat

Sl. no.	Particulars	Amount In Lac	Remark
1	2	3	4
1	Total Cost (Investment incurred)		
(A)	Construction Cost of the Project	₹ 420.00 Lac	---
(B)	N.P.V. amount to be disposed @ 6.57 lakh/Hact. (7.9208 x 6.57)	₹ 52.04 Lac	---
(D)	Substitute/Alternation Plantation cost to be disposed	₹ 22.35 Lac	---
(E)	Other cost if any	₹ 0.00 Lac	
	Total Cost	₹ 494.39 Lac	
2	Benefits	Estimated cost/yearly	Total benefit during the life of the created development
	i Direct Economic Benefits		
2.1	a. Benefits from the specific project (Taking age of road as 50 Year)	₹ 600.00 Lac	
	b. Economics benefits - Market development taking	₹ 600.00 Lac	
	c. Direct employment of labour	₹ 500.00 Lac	
	Total direct benefits	₹ 1700.00	
	ii. Social Benefits		
2.2	a. Emplacement generation due to other activities	₹ 100.00 Lac	
	b.		
	Total social benefits		
2.3	iii. Ecological Benefits		
	a.	₹	
	b.	₹	
	c.	₹	
	Total Ecological Benefits	₹	
2.4	Other Benefits (if any)		
	a.	₹	
	b.	₹	
	Total Benefits	₹ 1800.00	
	Grand Total Benefits	₹ 1800.00	

ह0/प्रयोक्ता एजेन्सी

J.E.

सहायक अभियन्ता
प्रान्तीय खण्ड, A.E. नि. वि.
चम्पावत

अधिसासी अभियन्ता
प्रान्तीय खण्ड, E. सी. नि. वि.
चम्पावत (चम्पावत)

PRAROOP-29.1

Name Of Project :- Construction of Manch-Bakoda motor road under State Sector.

**Parameter for evaluation of benefit, not withstanding loss of forest nature of proposal
Nature of Proposal :-Road Construction**

Sl. no.	Particulars	Details
1	2	3
1	Loss of Value of timber, fuel wood and minor forest produce on an annul basis, including loss of man-hours per annum of people who derived livelihood and wages from the harvest of these commodities.	Maximum portion of this rods alignment passes through Civil land/ Van Panchyat/Nap land. therefore people do not depends upon this live hood on these trees, also compensation plantation being done.
2	Loss of Animals husbandry productivity including loss of fodder.	Nil
3	Cost of human resettlement.	Nil
4	Loss of public facilities and administrative Infrastructure (Roads, Buildings,Schools,Dispensaries,Electric lines, Railways etc.) on forest land or which would require forest land if these facilities were diverted due to the project.	There is no loss of public facilities in the road alignment , The construction of road will provide better mobilization of people.
5	Environmental losses: (Soil erosion, effect on hydrological cycle,wildlife habitat, microclimate upsetting of ecological balance.	Density of forest = 0.40, The environmental losses $126.74 \times 0.40 \times 7.921 = 401.56$ lacs. There is no chance of soil erosion, no effect to hydrological cycle, no disturbance to wildlife
6	Suffering to Ousters.	No Rehabilitation is required . There fore not affected.

ह0/प्रयोक्ता एजेन्सी

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सहायक अभियन्ता
प्रान्तीय खण्ड, लो०नि०वि०
चम्पावत

अधिसासी अभियन्ता
E.E.
प्रान्तीय खण्ड, लो०नि०वि०
चम्पावत (क०प०.ग)

PRAROOP-29.2

Name Of Project :- Construction of Manch-Bakoda motor road under State Sector.

Parameter for evaluation of benefit, notwithstanding loss of forest nature of proposal

Sl. no.	Particulars	Details
1	2	3
1	Increase in productivity attributable to the specific project	Yes
2	Benefits to economy	Yes
3	No. of population benefited	Approximately 2400 people will be benefited.
4	Employment potential	Approximately 300000 men days labours will be employed during construction.
5	Cost of acquisition of facility on non forest land wherever feasible	Cost of Nap-Land of 1.015 Hect. @ 450000/Hect = 4567500.00 or 4.57Lac
6	Loss of (a) agricultural & (b) animal, husbandry production due to diversion of forest land	Approximately 4.00 Lac
7	Cost rehabilitating the displaced persons as different from compensatory amounts given for	No displacement of people is required, thus the cost is nil
8	Cost of supply of free fuel-wood to workers residing in or near forest area during the period of construction	Nil Carosine oil/LPG will be available to workers.

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