

Cost Benefit Ratio Calculation Performa

Name of Project – माननीय मुख्यमंत्री घोषणा संख्या 310/2013 के अन्तर्गत जनपद नैनीताल में विधान सभा क्षेत्र लालकुआँ के अन्तर्गत हल्द्वानी बाईपास मार्ग से हल्द्वौड़ इण्डियन ऑयल डिपो तक मार्ग का निर्माण कार्य ।

Block:- Haldwani

District:- Nainital

SL.No	Particulars	Amount in lakhs	Remark
1	Total cost (Investment incurred)	2860.56	
(A)	Construction Cost of the Project	2466.00	
(B)	N.P.V. Amount to be deposited @ 6.26 lakh /Ha	77.19	
(D)	Substitute/Alternative Plantation Cost to be Deposited:-	'----	
(E)	Other cost if any	'----	
	Grand Total	5403.75	
2	Benefits	Estimated cost/yearly	Total benefit during the life of the created development
2.1	i. Direct Economic Benefits	500.00	
	Total Direct Benefits	500.00	
2.2	ii. Social Benefits	600.00	Crops, Vegetables & etc.
	Total Social Benefits	600.00	
2.3	iii. Ecological Benefits	500.00	
	Total Ecological Benefits	500.00	
2.4	Other Benefits (if any)	300.00	
	Total Benefits	300.00	
	Grand Total Benefits	1900.00	

प्रयोजका एजेन्सी

सहायक अभियन्ता

मार्ग खण्ड, लो० नि० विभाग
हल्द्वानी (नैनीताल)अधिसारी अभियन्ता
निर्माण खण्ड, लो० नि० वि०
हल्द्वानी (नैनीताल)वन क्षेत्राधिकारी
गोला
नराई पूर्वी वन प्रभाग, हल्द्वानी.प्रभागीय वनाधिकारी
प्रभागीय वनाधिकारी
नराई पूर्वी वन प्रभाग
हल्द्वानी.उप प्रभागीय वनाधिकारी
(गोला)
नराई पूर्वी वन प्रभाग, हल्द्वानी.

Parameter for Evaluation of loss of Forests

Name of Project:- माननीय मुख्यमंत्री घोषणा संख्या 310/2013 के अन्तर्गत जनपद नैनीताल में विधान सभा क्षेत्र लालकुआँ के अन्तर्गत हल्द्वानी बाईपास मार्ग से हल्दूचौड़ इण्डियन ऑयल डिपो तक मार्ग का निर्माण कार्य ।

Nature of Proposal:- Construction

Sl.no.	Parameters	Details
1	2	3
1	Loss of Value of timber, fuelwood and minor forest produce on an annual basis, including loss of man hours per annum of people who derived there livelihood and wage from the harvest of these commodities	On annual basis there is no loss of timber, fuel wood or any other produce. Obviously there is no loss of man hours per annum of people who derived livelihood and wages from the harvest of these commodities. However timber and wood received from the trees coming into the alignment of road will be approximately Rs. 40.00 lac. Which will be recovered from auctioning these products by forest department.
2	Loss of animals husbandry productivity including loss of fodder	There is no loss of animal husbandry, inspite of loss it will assist people to develop the occupation through the connectivity and easy approach to mandi. There will be no significant loss by constructing the road. In comparison with benefit to people the loss is negligible.
3	Cost of human resettlement	No human resettlement will be required. Thus the resettlement cost is zero.
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.	There is no Loss of public facilities and administrative infrastructure. So no extra forest land will be required for resettlement any facility or infrastructure.
5	Environmental losses :(Soil erosion, effect on hydrological cycle, wildlife habitat, microclimate upsetting of ecological balance.)	Density of Forest = 0.50 The environment losses = $12.33 \times 32.0 = 394.56$ lac. There will be no soil erosion, and no effect on hydrological cycle wildlife habitat, microclimate upsetting of ecological balance.
6	Suffering to oustees	No rehabilitation required. Therefore not effected.

परियोजना प्रभोजनी
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हल्द्वानी

अभिज्ञासी अभियन्ता
निर्माण खण्ड, लो० नि० वि०
हल्द्वानी (नैनीताल)

वन क्षेत्राधिकारी
गौला
हराई पूर्वी वन प्रभाग, हल्द्वानी

प्रभागीय वनाधिकारी
प्रभागीय वनाधिकारी
हराई पूर्वी वन प्रभाग, हल्द्वानी


उप प्रभागीय वनाधिकारी
(गौला)
हराई पूर्वी वन प्रभाग, हल्द्वानी

Parameter for Evaluation of Benefit, notwithstanding loss of Forests


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Nature of Proposal:- Construction


Sl.no	Parameters	Details
1	Increase in productivity attributable to the specific project.	The productivity will increase approximately Rs. 500 lacs per annual.
2	Benefits to economy	The economy of the people residing there, will boost up. People get fertilizer in low cost and would be able to transport the products in cheaper rates. This road would lead revolutionary benefit to economy as this distance of remote area will be reduced from railway head/ Mandi.
3	No. of population benefited.	Approximately 50,000 Population.
4	Employment potential.	Approximately 1,20,000 man days will be generated during the construction of road.
5	Cost of acquisition of facility on non forest land wherever feasible.	Cost of Non forest land approximately Rs. 2.00 laces.
6	Loss of (a) agricultural & (b) animal, husbandry production due to diversion of forest land.	There would be no loss in agricultural products. The productivity would increase due to easy availability of fertilizers. There will no loss of animal husbandry, people will get good cost of their product having transportation facility.
7	Cost of rehabilitating the displaced persons as different from compensatory amounts given for displacement.	Nil
8	Cost of supply of free fuel-wood to workers residing in or near forest area during the period of construction.	Nil



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प्रयोजका एजेन्सी


अधिसूचक अभियन्ता
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