

Cost of Project :-

Name of Project :- Collection of the minor mineral (Boulder, Bajri, Sand etc.) from the Song 1,2,3 and Jakhan 1, 2 Nadi for next 10 Year

Dehradun Forest Division, Dehradun.

S. NO.	Particular	Amount	Remark
1	Total cost (Investment incurred)	96,72,11,120	Afforestation in lieu of safety zone: Rs 69,79,240 Fencing of safety zone : Rs 12,37,66,880 Demarcation: Rs 87,50,000 Staff salary : Rs 25,32,36,150 Labour walfare : Rs 18,85,42,500 Repair and maintenance of roads : Rs 5,50,07,860 Other expenditures : Rs 33,09,28,490
(a)	Construction cost of the Project	Nil	No construction is to be cone
(b)	N.P.V. Amount to be deposited @---lakh/Ha	Nil (UKFDC is exempted)	As per the order of the Supreme Court of India In TN Godavarman Thirumulpad v/s Union of India & Ors: dated 09 May, 2008
(c)	Substitute/alternative Plantation cost to be deposited :-	1,57,29,240	Compensatory afforestation : Rs 69,79,240 Demarcation : Rs 87,50,000
Total			
2	Benefits :- Benefits from taking age of road as 50 Years		
(a)	Economics Benefits- Market Development Taking	3,38,69,77,000	Target production= 18,89,000 Tons Weight of 1 Tonn = 10quintal Cost of 1 quintal = Rs 17.93 Project period = 10 yrs Amount=18,89,000x10x17.93x10=Rs 3,38,69,77,000
(b)	Direct Employment of Labours-		About 7000 labours will be working for 9 months/year for 10 yrs @ Rs 400=Rs 7,56,00,00,000 NB ; These labours are directly paid by buyer
(c)	Employment Generation Due to other activities		
(d)	Therefore construction of Economically viable and social beneficial.		

Note : Total expenditure SI. No 1 = Rs 96,72,11,120

Benefit SI. No 2 = Rs 3,38,69,77,000

Therefore, Benefit/cost Ratio= 3,38,69,77,000/96,72,11,120=3.50

Therefore, the project is economically viable and socially beneficial


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Parameter for Evaluation of loss of Benefit, not with standing loss of forests :-

Nature of Proposal :- Collection of the minor mineral from the Song 1,2,3 and Jakhan 1, 2 Nadi as per the silviculture requirement.

S. No.	Particular	Road, Tr. Lines & Railway line
1	Increase in productivity attributable to the specific project.	The area lies unoccupied for the past many years. There is possibility of illegal collection of RBM. Not only this, due to flooding during rainy season the level of river bed kept on rising. Is done there will be increase in govt. revenue and the nearby areas will be prevented from sunmersion.
2	Benefits to economy	As given in cost benefit ratio chart, the total expenditure for the coming 10 years is Rs 96,72,11,120 and the benefit will be Rs 3,38,69,77,000
3	No. of population benefited.	About 28000 persons
4	Employment potential.	About 28000 persons
5	Cost of acquisition of facility on non forest land wherever feasible.	There is no need of acquisition of non-forest land for any facility.
6	Loss of (a) agriculture & (b) animal, husbandry production due to diversion of forest land.	There will be no loss in agriculture and animal husbandry production due to diversion of the forest land because the area is in seasonal river bed where there is no flora and fauna.
7	Cost of rehabilitating the displaced persons as different from compensatory amount given for displacement.	There is no displacement of people due to the project.
8	Cost of supply of free fuel-wood to workers residing in or near forest area during the period of construction.	About Rs 1,00,00,000/annum


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Nature of Proposal :- Collection of the minor mineral from the Song 1,2,3 and Jakhan 1, 2 Nadi as per the silviculture requirement.

S. NO.	Particular	Minor irrigation projects, quarrying of stones/metals
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	Minor mineral will be collected from middle of the river as per prescription under chapter VII para 7.21 of the working plan of mussoorie Forest Division. By doing so, it will be ensured protection of the nearby forest, land and habitat.
2	Loss of animals husbandry productivity including loss of fodder	There is no loss of animal's husbandry productivity and loss of fodder because collection of the minor mineral will be done in the middle of the seasonal river which is free from fodder and hence from animals.
3	Cost of human resettlement.	There is no settlement as the area is a reserved forest within river bed.
4	Loss of public facilities and administrative infrastructure (Road, Building, Schools, Dispensaries, Electric line, Railways etc.) on which would require forest land if these facilities were diverted due to the project.	No Public facilities exist in the proposed site and there is no need for diversion of infrastructure in un around the site.
5	Environment losses; (soil erosion, effect on hydrological cycle, wildlife habitat, Microclimate upsetting of ecological balance.)	Rs. 3,01,00,750 as per annexure VI (b) of Handbook Issued by the Govt. of India.
6	Suffering to ousters	There is no resettlement issue due to the project.


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