

**COST OF PROJECT**

**Name of project – Collection of the minor mineral from the  
KOSI DABKA PART-II RIVER.**

**Uttarakhand Forest Development Corporation, Ramnagar (Nainital)**

Sr.No	Particulars	Approx Amount (in lakhs)	Remark
1	Total cost (Investment incurred) for 10 years approximated	12893.54	
(A)	Construction Cost of the Project	10473.49	Fencing of Safety zone, Staff Salary, infrastructure Labour welfare, Repair and maintenance, Other expenditures. Already included above.
(B)	N.P.V Amount to be deposited @ 9.39 lakh/Ha	1408.50	Already deposited
(c)	Substitute/Alternative Plantation Cost to be Deposited:-	1011.552	As per estimated.
	Total (A+B+C)=	12893.54	
2	Benefits:- Benefits from taking age of Project as 10 Years	51667.40	
(A)	Economic Benefits-Market Development Taking	12893.54	Production Cost and other
(B)	Direct Employment of Labours-	43200.00	Approximately 3000 labours will be working for 8 months/year for 10 years @Rs 600=43200.00 Lakh. These Labours are directly paid by buyer.
(C)	Employment Generation Due to other activities	5000.00	
(D)	Therefore construction of Economically viable and social beneficial.	-	
	Total (A+B+C+D)=	61093.54	

\* For calculating the total cost of 10 years average cost of investment for last 3 years was multiplied with 10 and obtained value was divided by the total mining area of both the rivers i.e Kosi and Dabka to reach to per ha. Investment cost finally for the calculation of total cost of Kosi Dabka part-II River, the mining area of Kosi Dabka part-II i.e. 150 hact was multiplied with per hact cost.

Note:- Total Cost Sr. No 1=Rs **12893.54** (In Lakhs)

Benefit Sr. No 2=Rs **61093.54** (In Lakhs)

Therefore, Benefits/cost Ratio= $61093.54/12893.54 = 4.73$

Therefore the project is economically viable socially beneficial.

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**Name of project:-Collection of the minor mineral from the  
KOSI DABKA PART II RIVER.**

**Parameter for Evaluation of loss of Benefits, not withstanding loss of forests:-**

**Nature of Proposal:-Collection of the minor mineral from the Kosi Dabka Part- II River.**

Sr.No	Particulars	Road, Tr. Lines & Railway line
1	Increase in productivity attributable to the specific project.	The river bed area lies unoccupied for the past many years. There is possibility of illegal collection of RBM if not done regularly the level of river bed would keep on rising. if mining is regularly carried out, there will be increase in govt. revenue and the nearby areas will be prevented from inundation.
2	Benefits to economy.	As given in cost benefit ratio chart, the total expenditure is Rs 12893.54 Lakh and the benefit will be Rs 61093.54 lakh which can be more.
3	No. of population benefited.	Most of people would be benefited.
4	Employment potential.	Most of people would be benefited.
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 fuel free-wood to workers residing in of near forest area during the period of construction.	Alternate Energy source will be provided to reduce the fuel wood

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**Name of project:—Collection of the minor mineral from the**

**KOSI DABKA PART II RIVER.**

**Parameter for Evaluation of loss of Benefits, notwithstanding loss of forests:-**

**Nature of Proposal:—Collection of the minor mineral from the Kosi Dabka Part- II River.**

Sr.No	Particulars	Minor irrigation projects, quarrying of stones/metals
1	Loss of value of timber, fuelwood and minor forest produce of an annual basis, including loss of man hours per annum of people who derived their livelihood and wage form harvest of these commodities.	Minor mineral will be collected from middle of the river. By doing so, it will be ensured that the nearby forest land and habitat would be protected.
2	Loss of animal's husbandry productivity including loss of fodder.	There is no loss of animal's husbandry productivity and loss of fodder because collection of 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 and around the site.
5	Environment losses: (soil erosion, effect on hydrological cycle, wildlife habitat, Microclimate upsetting of ecological balance)	E.C. is being carried out to look into it. The conservation work is being carried out by Forest Department.
6	Suffering to outers.	There is no resettlement issue due to the project.

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