

# Cost Benefit Ratio Chart

Annexure-VI (A)

Name of Project - Proposal for Extension of KOLANA AIRSTRIP AT JHALAWAR

Parameter for Evaluatio of Benefit, with standing loss of Forests

District : Jhalawar

S.No.	Particulars	Amount in crores	Remarks
1	2	3	4
1	Total Cost (Investment incurred)		
(A)	Construction Cost of Project	169.11	Construction cost, 169.11
(B)	N.P.V. Amount to be Disposed @ 6.25 Lac/ Hectare for 625000 x 120.4062 Hact.	7.53	
(C )	Substitute/Alternation Plantation Cost to be Disposed :- @ 0.34244 x 120.4062Hact.	0.41	
(D)	Environment loss cost to be disposed @ 1.29 Lac per hact. For 120.4062 hac.	1.55	
(E)	Maintenance cost of airport 200 Lac per year for 50 years	100.00	
	<b>Total</b>	<b>278.60</b>	
2	Benefits :- Benefit from 120.4062 Hact. airport (Taking Age of airport As 50 Years)		
(A)	Economic Benefits-savings in industrial product & Hotel industry and catering project and taxy project for tourist development products 50 years.	130.00	
(i)	Saving in industrial product 1.00 crore per year = 50 crore		
(ii)	Hotel Industries 1.50 Crore per year = 75.00 Crore		
(iii)	Catering 5.00 crore		
(B)	Direct Employment of Labours- 500 @ Rs. 200x280x3 employed during construction for 3 years = 8.40 crore and 1000x200x280x50 during operation stage for 50 years in saving in transport and industrial product = 280.00 crore	288.40	

(C )	Economic Benefits due to sell of industrial product and road transport. enhancement, access to surrounding area citizen etc.	1350.00	
(i)	Sale of industrial product 16.00 crore per year for 50 years 800 crore		
(ii)	Tourism development 8.00 crore per year for 50 years 400 crore		
(iii)	Saving in road transport 3.00 crore per year for 50 years 150 crore		
	<b>Total</b>	<b>1768.40</b>	
	Total Benefit / Cost Ratio= 1768.40/278.60	6.35	
Note	Therefore construction of ext. of airstrip is Economically viable and Socially beneficial.		

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**Cost Benefit Ratio Chart****Annexure-VI ( B)****Name of Project - Proposal for Extension of KOLANA AIRSTRIP AT JHALAWAR****Parameter for Evaluatio of loss of Forests****Nature of Proposal :- Extension of KOLANA AIRSTIP AT JHALAWAR**

<b>S.No.</b>	<b>Parameters</b>	<b>Descriptions</b>
1	Loss of value of timber, fuel wood and minor forest produce on an annual basis, including loss of man hours per annum of people who derived livelihood and wage from the harvest of these commodities	12.00
2	Loss of Animals husbandry productivity including loss of fodder.	Loss of animal husbandry in protected forest land would be negligible or say Nil
3	Cost of human resettlement	Nil
4	Loss of public facilities and administrative infrastructure (Roads, Buildings, Schools, Dispensaries, Electric Lines, Railway, etc.) on which would require forest land if these facilities were diverted due to the project.	Megha Highway Baran Jhalawar = 14.00 crore Police Thana = 4.00 crore HT Line Shifting = 16.91 crore GSS and electric pole shifting = 5.00 crore Total Loss of public facilities & adm. infrastructure = 39.91 crore
5	Environmental lossess; (soil erosion, effect on hydrological cycle, wildlife habitat, microclimate upsetting of ecological balance.)	Nil (Rocky & Barren land)
6	Suffering to oustees	0.00



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**Cost Benefit Ratio Chart**

Annexure-VI ( C )

**Name of Project - Proposal for Extension of KOLANA AIRSTRIP AT JHALAWAR****Parameter for Evaluation of Benefit, not with standing loss of Forests****Nature of Proposal :- Extension of KOLANA AIRSTIP AT JHALAWAR**

S.No.	Parameters	Descriptions
1	Increase in Production Attributable to the Specification Project.	1. Maintenance of air craft industry 2. Cotton industry of Pitti Group of industries 3. Kalisindh Thermal Power Project Jhalawar 4. Ecotourism (Mukandara Tiger Project) 5. Tourism 6. Education such as medical college, Engineering college, Horticulture college etc.
2	Benefits to Economy	1. Industrial product 1.00 crore per year = 50 crore 2. Hotel industriues 1.50 crtore per year = 75 crore catering 10.00 Lacs per year = 5.00 crore Direct employment of laour during construction 500 labour per day for 30 year = 8.40 crore and during operation period of 50 year 1000 labour per day = 280.00 crore Sell of industrial product 16.00 crore per year = 800 crore, tourism development 8.00 crore per year = 400 crore, saving in road transport 3.00 crore per year = 150 crore Total Benefits comes to Rs. 1768.40 crtore
3	No of Population Benefited	About 50.00 Lacs Population benefitted of Jhalawar, Kota, Baran, Bundi of Rajasthan and Ujjain, Shahjanhapur, Mandsaur, Byawara District of MP
4	Employment Potential	Direct employment 500 Labour per day during construction period and 1000 Labour per day during operation period and Indirect employment is 2000 people per day
5	COST of acquisition of facility on non forest land wherever feasible	NA
6	Loss of (a) Agriculture & (b) Animal Husbandry production due to division of forest land.	Nil
7	Cost of Rehabilitation the displaces person as different from compensation amount 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	NA

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