

Title of the proposal:- **Diversion of Forest Land on Aravalli Hill Area for the Four Laning of NH-71 B (new NH-919) from km 47.100 to km 49.350 of Sohna Realignment in Gurgaon and Mewat Districts of Haryana State.**

COST-BENEFIT ANALYSIS

Annexure VI (A)

Block:- Sohna and Taoru

District:- Gurgaon & Mewat

SL. No.	Particulars	Amount (Rs. Crores)	Remark
1	Total cost (Investment Incurred)		
(A)	Construction Cost of Project	30.00	
(B)	N.P.V. Amount to be disposed @ 9.20 lakh/Hactare	90.05	
(C)	Substitute/Alternation Planlation Cost to be disposed:-	0.35	
	Total	120.40	
2	Benefits:- Benefits from (Taking Age of Road As 50 Years)	50 Years	
(A)	Economics Benefits- Market Development Taking	Savings in vehicle operating costs, Benefits to trade especially in movement of perishable goods, Reduced maintenance costs, All round development of areas,	
(B)	Direct Employment of Labours-	About 120 labour will get direct employment for duration of 3 yr	
(C)	Employment Genration Due to other Activities	Petty contracts to local people, vehicles use, and other activities will also generate employment	
Note	Therefore construction of Economically Viable and social beneficial.	Yes	

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COST-BENEFIT ANALYSIS

Parameter for Evaluation of loss of Forests

Nature of Proposal

Annexure VI (B)

Sl. No.	Parameters	Roads, Tr. Lines & Raliway line
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 livelihood and wage from the harvest of these commodities	Approximately Rs. 1000/- per hectare annum 9.7884 ha x 1000.00 = Rs. 9788.4
2	Loss of Animals husbandry productivity including loss of fodder	Loss of animal husbandry approximate Rs. 5000.00 Loss of Factor approximately Rs. 5000.00 Total Rs. 10000.00
3	Cost of human resettlement	There will be no displacement due to the project, so resettlement is not required.
4	Loss of public facilities and administrative infrastucture (Roads, Buildings, Schools, Dispensaries, Electric Lines, Railways etc.) on which would require forest land if these facilities were diverted due to the project.	No loss of public facilities and administrative interest occurs.
5	Environmental losses; (Soil erosion, effect on hydrological cycle, wildlife habitat, microclimate upsetting of ecological balance.)	Assuming the density of the Forest is 0.2 Environmental loss = 50.6966 x 0.2 x 9.7884 = 99.2477 Loss for 50 years
6	Suffering to oustees	Nil

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COST-BENEFIT ANALYSIS

Parameter for Evaluation of Benefit, notwithstanding loss of Forests

Nature of Proposal

Annexure-VI (C)

Sl. No.	Prameters	Roads Tr. Lines & Raliway line
1	Increase in productivity attributable to the specification project.	Productivity will be increase due to project construction.
2	Benefits to economy	Economy of local people will be increase by increasing tourism, development of local industry and handicrafts and quick transportation of agricultural produce and perishable goods.
3	No. of population benefited.	More than 10000
4	Employment potential.	About 120 labour will get direct employment for duration of 3 yr and indirect employment will also be generated construction of project road.
5	Cost of acquisition of facility on non forest land wherever feasible.	Not feasible
6	Loss of (a) agricultural & (b) animal, husbandry production due to diversion of forest land.	Nil
7	Cost of rehabilitating the displaced persons as different from compensatory amount given for displacement.	There will be no displacement due to the project, so resettlement is not required.
8	Cost of supply of free fuel-wood to worders residing in or near forest area during the period of construction.	Local labours will be used for construction activities.