

### COST BENEFIT ANALYSIS

#### Project Details

Annexure-3(a)

1	Short narrative of the proposal and project/scheme for which the forest land is required.	The construction of Proposed Railway doubling Project Katni-Singrauli having total length of 261 kms. It falls in Jabalpur Division in West Central Railway. The project has been sanctioned by Railway board pink book item no.10, 2015-16, under plan head 15. The modification of 29 nos. station yard involved.
2	Cost of Project	1762.94 Crore.
3	Justification for locating the project in Forest area.	Already single line railway track exists between Katni-Singrauli sections. New double line is proposed parallel to the existing track for which work is being executed; hence alternative rout examination is not required.
4	Employment likely to be generated.	i) Temporary man days: Approx 11acs. ii) Permanent: 5000
5	Para-wise breakup of the land required.	0.900 hectare.

### PARAMETERS FOR EVALUATION OF LOSS OF FORESTS

Annexure – 3 (b)

1	Loss of value of timber, fuel wood and minor forest product on annual basis, including loss of man hours per annum of people who derived livelihood and wages from the harvest of these commodities.	No valuable species are found in the area there is no loss of timber/fuel wood.
2	Loss of animal husbandry, productivity including loss of fodder.	Nil
3	Cost of Human resettlement.	No human settlement is involved in connection with forest area.
4	Loss of public facilities and administrative infrastructure (roads, buildings, schools, dispensaries, electric lines, Railway etc.) on forest land or which would require forest land if these facilities were diverted due to the project.	No such losses.
5	Environmental losses (soil erosion effect on hydrological cycle, wild life habitat. Microclimate upsetting of ecological balance).	Nil
6	Suffering to ousters.	There will be no ousters from the forest the forest are due to the formation of road and line.

  
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PARAMETERS FOR EVALUATION OF BENEFIT, NOT WITHSTANDING LOSS Annexure – 3(c)

Sl.No.	Parameters	
1	Increase in productivity attribution to the specific project.	The object of providing the double line between Katni and Singrauli to Increase in productivity attribution which is already linked coal reserves from Singrauli fields with project and Industrial centers in the North and Western India. Transportation of Coal, Cement, Agricultural products, exploiting the Minerals & Forest resources will increase in productivity attribution by construction of this double line. This line also provides golden era to people of Katni - Singrauli district which will accelerate the general development of this backward area of Vindhya Pradesh. The object of providing the double line between Katni and Singrauli is also accelerating the frequency of traffic without delaying which will increase in productivity attribution.
2	Benefits to economy.	To open up the backward area of Vindhya Pradesh by providing double line of railway to North Central part of India for accelerating the general development of backward and poor community of Bundelkhand and vindhya region. To provide cheap, reliable and all weather system of mass transport of goods and encourage industrialization.
3	No. of population benefited.	Approximate 10.0 lacs.
4	Employment potential.	iii) Temporary man days: Approx 11acs. iv) Permanent: 5000
5	Cost of acquisition of facility on non forest land wherever feasible.	Nil
6	Loss of (a) Agriculture & (b) Animal husbandry production due to diversion of forest land.	Nil
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 construction.	Nil

  
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