

## COST BENEFIT ANALYSIS FOR DIVERSION OF FOREST LAND

**Name of Project - Consultancy Services for preparation of Feasibility Report cum Detail Project Report (DPR) of 4 laning of Agra Bypass (Northern) connecting left over portion of various National Highways/ Expressways surrounding the Agra City in the state of Uttar Pradesh.**

**Nature of Proposal -** Diversion of 1.5853 hectare of Protected forest land under FCA, 1980 for the purpose of construction of 4 Laning of about 17.728 km of new Greenfield alignment.

**Total Length of Project Road = 17.728 Km**

**Total no. of district through which proposed project road alignment traverse-02No. i.e. Mathura &Hatrass.**

**Total length of the project road along the Protected Forest**

a) Protected forest land – 1.5853Hect.

**Purpose:** The cost of Benefit Analysis is being undertaken for proposed diversion of forestland being affected due to construction (four Laning) of Greenfield alignment for above saidproject.

**Cost Benefit Analysis as per Guideline for Forest Land Diversion-August 2017.**

Table A Cases under which a cost benefit analysis for forest diversion are required

Sl.	Name of Proposal	Applicable/Not Applicable	Remarks
1.	All Categories of proposal involving forest land upto 20 hectares in plains and upto 5 hectares in hills	Not Applicable	These proposals may be considered a case-to-case basis and value judgments.
2.	Proposed for defense installation purpose and oil prospecting only	Not Applicable	In view of national priority accorded to these sectors, the proposal would be critically assessed to help ascertain that the utmost minimum forest land is diverted for non-forest use
3.	Habitation, establishment of industrial units, tourist lodge complex and other building construction	Not Applicable	These activities being detrimental in protection and conservation of proposals would be rarely

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			entertained.
4.	All other proposal involving forest land more than 20 hectares in plain and more than 5 hectares in hills including roads, transmission line, minor, medium and major irrigation. projects; hydro projects, mining activity, railway line, location specific installations like microwave stations, auto repeater centres, TV tower etc.	Not Applicable	These are cases where a cost benefit analysis is necessary to determine when diverting the forest land to non-forest use in the overall public interest.

**Since the proposal is for diversion of forest land measuring less than 20 hectre in plain area for the road project cost benefit analysis report is not applicable**

Date:

Place:

  
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## COST BENEFITS ANALYSIS IN ACCORDANCE WITH GOI FC GUIDLINES-NO 7- 69/2011-FC DATED 01-08-2017

### **Guidelines for conducting cost-benefit analysis for projects involving forest diversion**

(i) While considering proposal for diversion of forest land for non-forestry use, it is essential that ecological and environmental losses and eco economic distress caused to the people who are displaced are weighted against economic and social gains.

(ii) Whenever the forest land is involved in the development projects, the cost of ecosystem services and fragmentation of habitat of wildlife and economic distress caused to the people dependent on forests and the cost of settlement of people dependent on forest should also be added as the cost of forest diversion in addition to the standard project cost which would have been incurred by the user agencies without involvement of forest land while conducting the cost benefit analysis of the project. Similarly, the benefits from the project accruing due to diversion of forest land and used in the project should also be accounted for in the benefits component in addition to the standard benefits of the project which would have been accrued without involvement of forest land while conducting the cost benefit analysis and determining the benefit and cost ratio (BC ratio).

(iii) The cost of Compensatory afforestation and its maintenance in future and soil & moisture conservation at present discounted value and future benefits from such compensatory forestation accruing over next 50 years monetized and discounted to the present value should be included as cost and benefits respectively of compensatory afforestation while conducting the cost benefit analysis and determining the benefit and cost ratio (BC ratio).

(iv) Table A list the details the types of projects involving forest land for which cost benefit analysis will be required, Table-B Lists the parameters according to which the cost aspect of forest land diverted for the development projects will be determined, while Table C lists the parameters for assessing the benefits accruing to the project using forest land.

(v) A cost benefits analysis as above should be accompany the proposals sent to central Government for forest clearance under the ForestConservation Act.

  
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