

Name of Project:- C/o AIIMS at Kothipura Distt. Bilaspur Himachal Pradesh
Proposal No.:-
Date of Proposal:-

COST BENEFIT ANALYSIS

Check List Serial No.:- 33

Estimation of Cost of Forest Diversion

Table -B-

Sr. No.	Parameters	Value expressed to Monetary terms and in Detail	Remarks
1.	Ecosystem services losses due to proposed forest diversion	Rs. 3,42,26,556/-	Economic value of loss of eco-system services due to diversion of forest shall be the net present value (NPV) of the forest land being diverted as prescribed by the Central Government (MoEF & CC).
2.	Loss of animal husbandry productivity, including loss of fodder	Rs. 34,22,655/- { 10% of NPV is more than Loss of animal husbandry productivity, including loss of fodder}	To be quantified and expressed in monetary terms or 10% of NPV applicable whichever is maximum.
3.	Cost of human resettlement	Since no residential village/ area is getting affected, there will be no cost of human resettlement.	To be quantified and expressed in monetary terms as per approved R&R plan
4.	Loss of public facilities and administrative infrastructure (Roads, building, schools, dispensaries, electric lines, railways, etc.) on forest land, which would require forest land if these facilities were diverted due to the project.	Since no public facilities and administrative infrastructure (Roads, building, schools, dispensaries, electric lines, railways, etc.) on forest land, being diverted due to the project, there will be no such loss.	To be quantified and expressed in monetary terms on actual cost basis at the time of diversion

possession value of forest land diverted	Rs. 71,29,47,840/- [30% of environmental costs (NPV) due to loss of forests is Rs. 1,02,67,966/- and circle rate of adjoining area in the district is Rs. 71,29,47,840/-]	30% of environmental costs (NPV) due to loss of forests or circle rate of adjoining area in the district should be added as a cost component as possessor value of forest land whichever is maximum
Cost of suffering to outsees	Nil	The social cost of rehabilitation of oustees (in addition to the cost likely to be incurred in providing residence, occupation and social services as per R&R plan) be worked out as 1.5 times of what oustees should have earned in two years had he not been shifted.
Habitat Fragmentation Cost	Rs. 1,71,13,278/-	While the relationship between fragmentation and forest goods and services in complex, for the sake of simplicity the cost due to fragmentation has been pegged at 50% of NPV applicable as a thumb rule.
Compensatory afforestation and soil & moisture conservation cost	Rs. 1,72,91,110/-	The actual cost of compensatory afforestation and soil & moisture conservation and its maintenance in future at present discounted value

Date:

Place:



Vinay Kumar

ADM-cum Dy. District Magistrate
(A.P.)
Bilaspur, (H.P.)

(User Agency)

Counter signed by:-



(Saroj Bhai Patel, IFS)
Divisional Forest Officer,
Bilaspur Forest Division
Bilaspur (H.P.)

Name of Project:- C/o AIIMS at Kothipura Distt. Bilaspur Himachal Pradesh

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Estimating Benefits of Forest Diversion in Cost Benefit Analysis

Table- C-

Sr. No.	Parameters	Value expressed in monetary terms	Remarks
1.	Increase in Productively attribute to the specific project	Growth of local business by almost Rs. 5,40,00,000.00 (Five crore Forty Lakhs Only) per annum.	To be quantified & expressed in monetary terms
2.	Benefits to economy due to the specific project.	Since the cost of construction i.e. Rs. 1315 Crore is sanctioned by Central Govt. which is the direct benefit to State Govt. to provide best medical facility in Himachal Pradesh and per year maintenance cost should be run by Central Govt. as per Project Detail which is the direct benefit to the State Govt. as well as to the people of the State.	The incremental economic benefit in monetary terms due to the activities attributed to the specific project.
3.	No. of population benefited due to specific project.	The local population will be the beneficiary indirectly (shopkeepers, hoteliers, taxi, potters etc.) Total Patient of all over Himachal as well as of nearby states. The proposed project involves the land of Three Villages as Changer Plasian, Rajpura and Noa. On an average each person earns minimum of Rs.600 per day. Moreover, after the construction of the AIIMS as the medical activity work will be spread over 12 months in a year instead of 5-6 months at present.	As per the Detailed Project Report
4.	Economic benefits due to of direct and indirect employment due to the project.	<u>Economic Benefits due to direct employment</u> During Construction period of 30 Months Rs.123.18 Crore (Rs. One Hundred Twenty Three Crore Eighteen Lakhs Only). (1825 men per day @Rs. 750 per day average wages for 30 months of thirty days each) During Operational period per year Rs. 4.32 Crore (Rs. Four Crore Thirty Two Lakhs Only) (900 men /women per day @Rs. 2000 per day average wages for 12 months of thirty days each). This benefit will increase at a rate of 8-10% each year for next 40 years. <u>Economic benefits due to indirect employment</u> The total quantified Indirect benefit to an local population will be Rs.1,44,00,000.00 (Rs. One crore Forty four Lakhs Only) (Rs. 1000 per person earning x 30 days per month x 12 months in a year). this benefit will also increase at a rate of 8-10 % each year for next 40 years.	As per the Detailed Project Report

S. Economic benefits due to Compensatory Afforestation

Economic benefits due to Compensatory Afforestation includes Benefits due to animal husbandry productivity including fodder and fuel wood , Ecosystem services Benefits due to proposed forest diversion, Possession value of forest land diverted will be Rs. 75,05,97,051/-

Date:

Place:

Vinay Kumar

ADM-cum-Dy. Director (Administration)
All India District Magistrate
Bilaspur Dist. (H.P.)
(User Agency)

Counter signed by:-

(Saroj Bhai Patel, IFS)
Divisional Forest Officer,
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