

Project Title : Tiger Safari at Pakhro in the buffer of Corbett Tiger Reserve

File No. : FP/UK/Others/48385/2020

Cost-Benefit Analysis

S.No.	Particulars	Amount in Lakh	Remarks
1	Total cost(Investment Incurred)		
(A)	Construction cost of the project	2256	
(B)	N.P.V Amount to be deposited @ 9.39 lakh/Ha	150	
(C)	Compensatory Afforestation	54	
(D)	Other cost if any	0	
	Grand Total	2460	
2	Benefits from(taking age of Tiger Safari as 50 years)		
(A)	Direct Economic Benefits	20000	(400lakh per annum X 50 years) is revenue to Government
(B)	Social Benefits	35000	(700 lakh per annum X 50 years) will be earning of people who will be involved in safari business. Around 200 persons are expected to be employed in safari activities directly. Apart from this, huge number of indirect employment will also be generated.
(C)	Ecological Benefits		Establishment of Tiger Safari in buffer will reduce tourism pressure from the Core-critical areas of the Corbett Tiger Reserve.
(D)	Other Benefits		Tiger Safari will act as rescue and rehabilitation centre for injured, incapacitated wild animals and orphaned cubs in the adjoining areas. Thus, the centre will also help in reducing the Human animal Conflict, quick response from Forest department in case of urgent situations. This will also help in research works related to various ecological parameters of Tigers and other wild animals.
	Grand Total(Benefits)	55000	This excludes unquantifiable benefits under subheads C & D

Table-B: Estimation of cost of forest diversion

S.No.	Parameters	Valuation (in Lakh)	Remarks
1	Ecosystem services losses to proposed forest diversion	150	Equivalent to NPV
2	Loss of animal husbandry productivity, including loss of fodder	15	10% of NPV
3	Cost of human resettlement	0	No human resettlement is involved
4	Loss of public facilities and administrative infrastructure (Roads, building, schools, dispensaries, electric lines, railways, etc.	0	No public facility is being lost
5	Possession value of forest land diverted	45	30% of NPV
6	Cost of suffering to oustees	0	No rehabilitation is involved
7	Habitat Fragmentation Cost	75	50% of NPV
8	Compensatory afforestation and soil & moisture conservation cost	54	Cost of Compensatory Afforestation on the proposed Land
Total Cost		339	

Table-C-Existing guidelines for estimating benefits of forest-diversion in CBA

S.No.	Parameters	Valuation(in Lakh)	Remarks
1	Increase in productively attribute to the specific project	20000	Increase in Government Revenue
2	Benefits to economy due to the specific project	35000	Increase in earning of people employed in Safari activities
3	No. of population benefited due to specific project	Approximately 250 persons/day	
4	Economic benefits due to of direct and indirect employment due to the project		
5	Economic benefits due to Compensatory afforestation	210	It includes NPV of the area, fodder value and possession value of the forest land

So, the Cost Benefit Analysis clearly shows that the project is highly beneficial compared to its total cost.



Range Officer

Pakhro Range

Kalagarh Forest Division



Sub-Divisional Officer

Sonanadi Forest Sub-Division

Kalagarh Forest Division



Divisional Forest Officer

Kalagarh Forest Division

Lansdowne