COST BENEFIT ANALYSIS

TABLE-A

CASES UNDER WHICH A COST-BENEFIT ANALYSIS FOR FOREST DIVERSION ARE REQUIRED

S.No.	Nature of proposal	Applicable/Not applicable	Remarks
1	All categories of proposals involving forest land up to 20 hectares in plains and up to 5 hectare in hills	Not applicable	
2	Proposal for defense installation purposes and oil prospecting (prospecting only)	Not applicable	
3	Habitation, establishment of industrial units, tourist lodges, complex and other building construction	Not applicable	
4	All other proposals involving forest land more than 20 hectares in plains and more than 5 hectares in hills including roads, transmission lines, minor, medium and major irrigation projects, hydro projects, mining activity, railway lines, location specific installations like micro-wave stations, auto repeater centers, TV towers etc.,	Applicable	Proposed for construction of roads i.e. 1)Paidagudem to Kothuru from km 0/0-9/0 in Bhadradri , Kothagudem District".

Executive Engineer,
(R&B)Spl,Division, Kothagudem

Superintending Engineer
(R&B) Circle, Khammam.

Countersigned

Chief -Engineer (R&B)
LWE,ROB, D&P, Hyderabad.

Forest Divisional Officer
Bhadrachalam

TABLE-B:

ESTIMATION OF COST OF FOREST DIVERSION

S.No	Parameters	Remarks
1	Ecosystem services losses due to proposed forest diversion	NPV= 8.03 Lakh per Ha . 8.03* 6.284 Ha =50.460 Lakh. Since the area is falling in reserve forest area.
2	Loss of animal husbandry productivity, including loss of fodder	The project not falls under wild life area.
3	Cost of human resettlement	No such human settlement is existing in the said forest land
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	Not applicable for this project since the proposed forest land is free all administrative infrastructure (Schools, dispensaries, electric lines, railway etc.,)
5	Possession value of forest land diverted	30% of NPV is applicable
6	Cost of suffering to ousters	No Such suffering to ousters
7	Habitat Fragmentation cost	50% of NPV is applicable
8	Compensatory afforestation and soil & moisture conservation cost	The actual cost of compensatory afforestation and soil & moisture conservation and its maintenance as prepared by the State Forest Department.

Executive Engineer,
(R&B)Spl,Division, Kothagudem

Superintending Engineer
(R&B) Circle, Khammam.

Countersigned

Chief -Engineer (R&B)
LWE,ROB, D&P, Hyderabad.

Forest Divisional Officer
Bhadrachalam

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TABLE-C

ESTIMATING BENEFITS OF FOREST DIVERSION IN CBA

S.No	Parameters	Remarks
1	Increase in productively attribute to the specific project	Proposed for construction of roads i.e. Paidagudem to Kothuru from km 0/0-9/0 in Bhadradri , Kothagudem District".
2	Benefits to economy due to the specific project	
3	No. of population benefited due to specific project	10000 Mandays employment generation
4	Economic benefits due to of direct and indirect employment due to the project	
5	Economic benefits due to Compensatory afforestation	Due to Compensatory Afforestation, the ecological balance of the State will be reminded as it is and there will be every possibility of developing an new eco system from the funds deposited by us.

Executive Engineer,
(R&B)Spl,Division, Kothagudem

Superintending Engineer
(R&B) Circle, Khammam.

Countersigned

Chief -Engineer (R&B)
I.WE,ROB, D&P, Hyderabad.

Forest Divisional Officer
Bhadrachalam

COST BENEFIT ANALYSIS

TABLE-A

CASES UNDER WHICH A COST-BENEFIT ANALYSIS FOR FOREST DIVERSION ARE REQUIRED

S.No.	Nature of proposal	Applicable/Not applicable	Remarks
1	All categories of proposals involving forest land up to 20 hectares in plains and up to 5 hectare in hills	Not applicable	
2	Proposal for defense installation purposes and oil prospecting (prospecting only)	Not applicable	
3	Habitation, establishment of industrial units, tourist lodges, complex and other building construction	Not applicable	
4	All other proposals involving forest land more than 20 hectares in plains and more than 5 hectares in hills including roads, transmission lines, minor, medium and major irrigation projects, hydro projects, mining activity, railway lines, location specific installations like micro-wave stations, auto repeater centers, TV towers etc.,	Applicable	Proposed for construction of roads i.e. 2) Mulkanapally to Arlapenta from km 0/0-4/0 in Bhadradri , Kothagudem District".

Executive Engineer,
(R&B)Spl,Division, Kothagudem

Superintending Engineer
(R&B) Circle, Khammam.

Countersigned

Chief -Engineer (R&B)
LWE,ROB, D&P, Hyderabad.

Forest Divisional Officer
Bhadradri

TABLE-B:

ESTIMATION OF COST OF FOREST DIVERSION

S.No	Parameters	Remarks
1	Ecosystem services losses due to proposed forest diversion	NPV= 8.03 Lakh per Ha. 8.03* 3.591 Ha =28.835 Lakh. Since the area is falling in reserve forest area.
2	Loss of animal husbandry productivity, including loss of fodder	The project not falls under wild life area.
3	Cost of human resettlement	No such human settlement is existing in the said forest land
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	Not applicable for this project since the proposed forest land is free all administrative infrastructure (Schools, dispensaries, electric lines, railway etc.,)
5	Possession value of forest land diverted	30% of NPV is applicable
6	Cost of suffering to ousters	No Such suffering to ousters
7	Habitat Fragmentation cost	50% of NPV is applicable
8	Compensatory afforestation and soil & moisture conservation cost	The actual cost of compensatory afforestation and soil & moisture conservation and its maintenance as prepared by the State Forest Department.

Executive Engineer,
(R&B)Spl,Division, Kothagudem

Superintending Engineer
(R&B) Circle, Khammam.

Countersigned

Chief -Engineer (R&B)
LWE,ROB, D&P, Hyderabad.

TABLE-C

ESTIMATING BENEFITS OF FOREST DIVERSION IN CBA

S.No	Parameters	Remarks
1	Increase in productively attribute to the specific project	Proposed for construction of roads i.e. Mulkanapally to Arlapenta from km 0/0-4/0 in Bhadradri , Kothagudem District".
2	Benefits to economy due to the specific project	
3	No. of population benefited due to specific project	10000 Mandays employment generation
4	Economic benefits due to of direct and indirect employment due to the project	
5	Economic benefits due to Compensatory afforestation	Due to Compensatory Afforestation, the ecological balance of the State will be reminded as it is and there will be every possibility of developing an new eco system from the funds deposited by us.

Executive Engineer,
(R&B)Spl,Division,Kothagudem

Superintending Engineer
(R&B) Circle,Khammam.

Countersigned

Chief- Engineer (R&B)
LWE, ROB, D&P ,Hyderabad.

Forest Divisional Officer
Bhadrachalam