

## Annexure- XII

### COST - BENEFIT ANALYSIS FOR PROJECTS INVOLVING FOREST LAND

APPLICATION FOR DIVERSION OF 162.45 Ha. OF FOREST LAND for SRP OC II EXTN PROJECT

#### II. Estimation of Benefits

Sl No.	Parameters	Value in Rs lakhs	Remarks
1	Increase in productivity attributable to the specific project	56585.42	NPV of Project net cashflow at 100% performance level @ 10% discount rate
2	Benefits to economy due to the specific project	221384.45	NPV of benefits to economy over project life @ 10% discount rate  Royalty @ 14% of Basic ROM Price 2% on Royalty for National Mineral Exploration Trust 30% on Royalty for District Mineral Foundation Trust GST Compensation Cess @ Rs 400/T GST 5%
3	No of population benefited due to specific project	759 Nos.	Project Manpower (Departmental + Outsourcing if any)
4	Economic benefits due to the direct and indirect employment due to the project	59411.94	NPV of estimated Wages for Project manpower and indirect benefits calculated for 5 times project manpower with prevailing unskilled wage rate of Telangana State.
5	Economic benefits due to compensatory afforestation	105.59	Calculated as per Standard Compensatory Afforestation Restoration Factor (SCARF) Adjustment Rate of Rs 0.65 Lakhs per ha for Dry Deciduous Forest Land for the proposed forest area to be diverted based on Study Report by IIFM Bhopal
	TOTAL BENEFITS	337487.40	

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TOTAL LOSSES 3778.10

COST : BENEFIT RATIO 1 : 89.33

Forest Division Officer  
Mancherla Division

General Manager  
Singareni Collieries Company Limited,  
Srirampur Area  
The S.C. Company Ltd.,  
P.O. Srirampur Colony  
Dist: Adilabad-504 303.

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### COST - BENEFIT ANALYSIS FOR PROJECTS INVOLVING FOREST LAND

APPLICATION FOR DIVERSION OF 162.45 Ha. OF FOREST LAND for SRP OC II EXTN PROJECT

#### I. Estimation of Costs

Sl No.	Parameters	Value in Rs lakhs	Remarks
1	Ecosystem Services losses due to proposed forest diversion	1304.47	NPV OF 162.45 Ha. OF FOREST LAND @ Rs 8.03 Lakhs/Ha
2	Loss of Animal Husbandry productivity, including loss of fodder	130.45	10% of NPV
3	Cost of Human Resettlement	0.00	No R&R is involved
4	Loss of Public facilities and administrative infrastructure (Roads, buildings, schools, dispensaries, electric lines, railways, etc) on forest land, which would require forest land if these facilities were diverted due to the project.	0.00	There are no public facilities in the proposed area
5	Possession Value of forest land diverted	391.34	30% of NPV
6	Cost of Suffering to Oustees	0.00	None, as No R&R is involved
7	Habitat Fragmentation Cost	652.24	50% of NPV
8	Compensatory afforestation and soil & moisture conservation cost	1299.60	Cost of compensatory afforestation and soil & moisture conservation @ Rs 4 Lakhs per Ha for twice the forest land involved
	<b>TOTAL COSTS</b>	<b>3778.10</b>	

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Mancherial Division

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Srirampur Area

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