

SUREWADA LIFT IRRIGATION SCHEME

Tahsil : Bhandara

District : Bhandara

BENEFIT COST ANALYSIS

A B S T R A C T

A Total Forest losses excluding environmental losses to be accrued in 50 years as per

ANNEXURE - II

Parameter No. 1	Rs.	3319.547	Lakhs
Parameter No. 2	Rs.	11.250	Lakhs
Parameter No. 3	Rs.	Nil	Lakhs
Parameter No. 4	Rs.	Nil	Lakhs
Parameter No. 5	Rs.	6001.920	Lakhs
Parameter No. 6	Rs.	Nil	Lakhs
Total Rs.		9332.717	Lakhs
Total Forest Area	=	37.512	ha.
Loss per hector of Forest Area	=	Rs. 9332.717 / 37.512	
	=	Rs. 248.793	Lakhs

B Total benefit from the forest to be accrued in 50 years as per Item ' A '

ANNEXURE - III

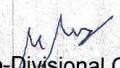
Parameter No. 1	Rs.	201216.409	Lakhs
Parameter No. 2	Rs.	20121.641	Lakhs
Parameter No. 3	Rs.	1400.000	Lakhs
Parameter No. 4	Rs.	4184.232	Lakhs
Parameter No. 5	Rs.	18.756	Lakhs
Parameter No. 6	Rs.	9.378	Lakhs
Parameter No. 7	Rs.	Nil	Lakhs
Parameter No. 8	Rs.	64.820	Lakhs
Total Rs.		227015.236	Lakhs

Total of Parameter 1 to 8 = Rs. 227015.236
Benefit per hector of the forest land to be required.

A) Benefit / Ha. = $\frac{\text{Parameter No. 1 to 8}}{\text{Total Area in Ha. (Private + Forest)}}$
Existing Private Land = 57.60 ha
112.437 + 57.60 = 170.037 ha.
= $\frac{227015.236}{170.037}$
= 1335.093 Lakhs

B) Loss / Ha. = $\frac{\text{Parameter No. 1 to 6}}{\text{Total Forest land required}}$
= $\frac{9332.717}{37.512}$
= 248.793 Lakhs

B / C Ratio = $\frac{A}{B}$ = $\frac{1335.093}{248.793}$
= 5.37
Say = 5.37


Sub-Divisional Officer
Minor Irrigation Survey Sub-Dn.
Bhandara
SUB DIVISIONAL OFFICER
M.I. SURVEY SUB DIVISION
(S.S.) BHANDARA.


Executive Engineer
Gosikhurd Lift Irri. Division
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