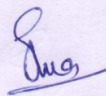


ANNUXRE-VI(A)

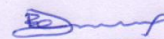
**COST BENEFITED ANALYSIS FOR KHORA TANK SCHEME OF PANNA  
DISTRICT IN THE STATE OF MADHYA PRADESH  
KHORA TANK SCHEME**

CATOGRY OF PROPOSAL FOR WHICH  
COST-BENEFITE ANALYSIS IS APPLICABLE

S.No.	Nature of Proposal	Applicable not applicable	Remarks
1	All Categories of proposal involving forest land up to 20 hact. in plain and up to 5 hact. in hills.	Applicable	
2	Proposal for defense installation purpose and soil prospecting (prospecting Only)	Not Applicable	
3	Habitation establishment of industrial unit tourist lodges construction.	Not Applicable	
4	All others proposal involving forest land more than 20 hact. in plain and more than 5 hact. in hills including road transmission line minor, medium and major projects, hydel projects mining activities railway line location specific installation live micro wave station auto repeater centers TV towers.	Not Applicable	



(S.P. Mishra)  
Sub Divisional Offier  
Water Resources Sub Division No-2 Pawai  
District Panna [M.P.]



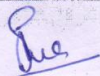
(B.L. Dadoria)  
Executive Engineer  
Water Resources Division Pawai  
District Panna [M.P.]

**Cost Benefit Analysis For Khora Tank of Panna District in the state of Madhya Pradesh :**

ANNEXURE-VI[B]

**PARAMETERS FOR EVALUATION OF LOSSES OF FORESTS**

S.N O.	Parameters	Minor irrigation project, quarrying of stones/metals
1	Loss of value of timber, fuel-wood and minor forest produce on an annual basis, including loss of man-hours per annum of people who are deprived livelihood and wages from the harvest of these commodities.	All the reference parameters were qualified in the Net Present value (N.P.V) for forest land suggested by central empowered committee in constituted by Supreme Court of India. As per the forest are classification in central empowered committee report, the forest areas along The proposed Patpara Nala irrigation tank fall in to Eco Class 5 (b) . include N.P.V 12,00,000/ha. Hence total cost due to loss of project due to diversion of forest land for the present project totals to Rs. 20lakhs.
2	Loss of animal husbandry productivity, including loss of fodder.	Qualified in N.P.V suggested by central empowered committee and included in the NPV as mentioned above.
3	Cost of human resettlement.	There are no human settlements due to proposed Patpara Nala irrigation tank within forest area, hence there is no resettlement for present project.
4	Loss of public facilities and administrative infrastructure (Roads, building, schools, dispensaries, electric lines, railways etc.) on forest land, or which would require forest land if these facilities were diverted due to the project.	There is no loss of public facilities and administrative infrastructure on forest land for this project.
5	Environment losses: (soil erosion, effect on hydrological cycle, wildlife habitat, microclimate upsetting of ecological balance)	Forest land coming under submergence area of Patpara tank project only. No wildlife habitat will be affected due to submergence area of the project. Impact on microclimate due to tree cutting along the proposed alignment will be compensated with avenue plantation of thrice the number of tree to be cut with indigenous due to project. Hence the project is expected to have only minor impact on environment.
6	Suffering to oustees.	Not applicable.
	<b>Total Cost due to forest land diversion for the project.</b>	<b>Rs. 20 Lakh.</b>



(S.P. Mishra)  
Sub Divisional Officer  
Water Resources Sub Division No-2 Pawai  
District Panna [M.P.]



(B.L. Dadoria)  
Executive Engineer  
Water Resources Division Pawai  
District Panna [M.P.]

**Cost Benefit Analysis For Khora Tank of Panna District in the state of Madhya Pradesh :**

ANNEXURE - (V) (G)

**PARAMETERS FOR EVALUATION OF BENEFIT,**

**NOT WITHSTANDING LOSS OF FORESTS**

s. n	PARAMETERS	MINOR IRRIGATION PROJECTS
1	2	3
1	Increase in productivity attributable to the specific projects.	The crop production benefits due to , Khora nala Tank project with total Rs. 217.48 Lakh in design life of 50 years and water lever will be increase in surrounding area. It will be increase economy growth of the project.
2	Benefits to economy.	Khora tank project will trigger economy development in the project influence area with irrigation facility. Project will create irrigation facility in 146 ha. At the surrounding area. The farmers will irrigated 146 ha By gravity flow in canal . farmers will also lift water by pump with their own arrangement to irrigate 146 ha . Area available inCommand of dam
3	No. of population benefited.	Since the project located in the backward area of the village. After completion of project 150 cultivators will be befitted and water level will be increase surrounding area.
4	Employment potential	The project will provide direct employment for approximate 75 people during construction period.
5	Cost of acquisition of facility on non-forest land wherever feasible.	No human commodity will affected due to construction of project. Hence , cost of acquisition of facility on non forest land is not applicable.
6	Loss of (a) agriculture & (b) animal husbandry production due to diversion of forest land.	The forest area under the Khora Tank project is already protected entirely and hence, there will not be any impact on agriculture and animal husbandry.
7	Cost of rehabilitating the displaced person as different from compensatory amount given for displacement.	There are no human settlement under the proposed irrigation tank within forest area and hence, there will not be any displacement of people from forest area for proposed Khora Tank.
8	Cost of supply of free- wood to workers residing in or near forest area during the period of construction.	The construction labors will be provided with labor camps and labours camp will be located within forest area. The labours camps will be provided with Kerosene/LPG facilities and hence there will not be any tree cutting for fuel wood.
9	Total benefit due to project not withstanding loss of forest.	Rs. 217.48 lakhs.

**Cost benefit Analysis**

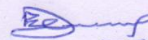
Total cost due to forest loss (Rs. In Lacs)	:-	20.00
Total benefit due to Project (Rs. In Lacs)	:-	217.48
Cost benefit ratio of project	:-	2.44



(S.P. Mishra)

Sub Divisional Officer

Water Resources Sub Division No-2 Pawai  
District Panna [M.P.]



(B.L. Dadoria)

Executive Engineer

Water Resources Division Pawai  
District Panna [M.P.]