



COST BENEFIT ANALYSIS

PARAMETERS FOR EVALUATION OF LOSS OF FORESTS

Sr. No.	PARAMETER	ROAD, TR. LINES	MINOR IRRIGATION PROJECTS, QUARRYING OF STONES/ METALS	MEDIUM & MINOR IRRIGATION, HYDROELECTRIC , LARGE MINING & OTHER MISC. PROJECT
1	2	3	4	5
1	LOSS OF VALUE OF TIMBER, FUEL WOOD & MINOR FOREST PRODUCE ON ANNUAL BASIS, INCLUDING LOSS OF MAN HOURS PER ANNUM OF PEOPLE WHO DIVERTED LIVELIHOOD AND WAGES FROM THE HARVEST OF THEIR COMMODITIES	TO BE DETERMINED BY FOREST DEPT.	-	-
2	LOSS OF ANIMAL HUSBANDRY PRODUCTIVITY INCLUDING LOSS OF FODDER	N.A.	-	-
3	COST OF HUMAN RESETTLEMENT	N.A.	-	-
4	LOSS OF PUBLIC FACILITIES AND ADMINISTRATION INFRASTRUCTURES (ROADS, BUILDING, SCHOOLS, DISPENSARIES, ELECTRIC LINE, RAILWAYS ETC) ON FOREST LAND OF WHICH WOULD REQUIRE FOREST LAND IF THESE FACILITIES WERE DIVERTED DUE TO THE PROJECT	N.A.	-	-
5	ENVIRONMENTAL TO SOIL EROSION, EFFECT ON HYDROLOGICAL CYCLE WILD LIFE HABITAT MICRO CLIMATE UPSETTING OF ECOLOGICAL BALANCE	N.A. TO BE DETERMINED BY FOREST DEPT.	-	-
6	SUFFERING OF OUTAGES	N.A.	-	-


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COST BENEFIT ANALYSIS

PARAMETERS FOR EVALUATION OF BENEFIT, NOTWITHSTANDING LOSS OF FORESTS

Sr. No	PARAMETERS	ROADS, TRANSMISSION LINES & RAILWAY LINES
1.	INCREASE IN PRODUCTIVITY ATTRIBUTABLE TO THE SPECIFIC PROJECT	DUE TO PROPOSED PROJECT, TREMENDOUS SOCIO ECONOMIC BENEFITS WILL BE GENERATED WITH ENORMOUS SAVING IN FUEL CONSUMPTION, SAVING IN TRAVEL TIME, REDUCTION IN ACCIDENTS AND BIG BOOST TO THE RURAL AND URBAN ECONOMY. THE GOVERNMENT OF INDIA PLANNED TO CONSTRUCT A GREEN FIELD INTERNATIONAL AIRPORT AT HIRASA VILLAGE REVENUE LAND AND ALSO GOVERNMENT OF GUJARAT HAS PLANNED UPGRADATION OF 6-LANE WITH PAVED SHOULDER AND DEVELOPMENT OF APPROACH ROAD TO AIRPORT FOR TRAFFIC MOVING TO AIRPORT.
2.	BENEFITS TO ECONOMY	UPGRADATION OF 6-LANE WITH PAVED SHOULDERS CONSTRUCTION OF APPROACH ROAD TO INTERNATIONAL HIRASAR AIRPORT FOR TRAFFIC MOVING TO AIRPORT SIDE AND AIRPORT SIDE TO RAJKOT AND BAMANBORE.
3.	NO. OF POPULATION BENEFITED.	SAURASHTRA REGION VILLAGE PEOPLE WILL BE BENEFITED, GUJARAT STATE
4.	EMPLOYMENT POTENTIAL	THE PROPOSED PROJECT WILL GENERATE EMPLOYMENT OPPORTUNITIES FOR THE LOCAL PEOPLE DURING THE CONSTRUCTION AS WELL AS OPERATIONAL PHASE. THE CONSTRUCTION WILL REQUIRE APPROXIMATELY 100 TO 150 FULL TIME WORKERS / OPERATORS FOR A PERIOD OF ABOUT 1.0 YEARS. IN ADDITION, FUTURE INDUCED DEVELOPMENT OF THE AREA WOULD RESULT IN INDUSTRIALIZATION OF THE REGION AND WOULD GENERATE MORE OPPORTUNITIES OF EMPLOYMENT FOR THE PEOPLE OF THE REGION.
5.	COST OF ACQUISITION OF FACILITY ON NON-FOREST LAND WHEREVER FEASIBLE	NIL
6.	LOSS OF (A) AGRICULTURE & (B) ANIMAL HUSBANDRY PRODUCTION DUE TO DIVERSION OF FOREST LAND	NIL
7.	COST OF REHABILITATING THE DISPLACED PERSONS AS DIFFERENT FROM COMPENSATORY AMOUNTS GIVEN FOR DISPLACEMENT	NIL AS THERE ARE NO DISPLACED PERSONS INVOLVED
8.	COST OF SUPPLY OF FREE FUEL-WOOD TO WORKERS RESIDING IN OR NEAR FOREST AREA DURING THE PERIOD OF CONSTRUCTION.	NIL AS NO FREE FUEL WOOD WILL BE GIVEN TO THE WORKERS DURING CONSTRUCTION


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