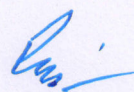


KARAM MEDIUM PROJECT
COST - BENEFIT ANALYSIS
PARAMETER FOR EVALUATION OF LOSSES OF FOREST

S. NO.	PARAMETER	IRRIGATION PROJECT
1	Loss of value of timber, fuelwood and minor forest produce on an annual basis, including loss of man-hours per annum of people who derived livelihood & wages from the harvest of these commodities	Construction Karam Medium Project is partly forest area and is a medium tank project and does envisage displacement of population, a plan for compensatory afforestation shall be prepared and under taken by state forest department in addition to improve green cover in the command, it proposed that for plantation in 119.25 ha. Suitable land is handed over to forest department is in process.
2	Loss of animal husbandry productivity, including loss of fodder	Nil However, afforestation and other conservation measures would be taken up.
3	Cost of human resettlement	1200 lakhs Based on preliminary survey there is 153 houses will be affected.
4	Loss of public facilities and administrative frastructure Roads, Buildings, schools, dispensaries, electric lines, railway etc) on forest land, or which would require forest land if these facilities were diverted due to the project.	Based on preliminary survey there is no loss of any facilities are existing infrastructure in the project area.
5	Environmental losses : (Soil erosion, effect on hydrological cycle, wildlife habitat, miicroclimate upsetting of ecological balance).	Nil there is no soil erosion otherwise it will stop soil erosion. No wild life is affected. As scheme is of small nature it will not affected hydrological cycle.
6	Suffering to oustees.	Nil



(N.L. Ahirwar)

Executive Engineer

W.R.Division No.1, Dhar, District- Dhar (M.P)


**KARAM MEDIUM PROJECT
COST - BENEFIT ANALYSIS**

PARAMETER FOR EVALUATION OF LOSSES OF FOREST

S. NO.	PARAMETER	IRRIGATION PROJECT
1	Increase in productivity tributable to the specific project.	The Karam Medium Project is conceived to Irrigation water to 8750 hectare of CCA in village ashapur, Ahamadpura, Faraspura, Dugni, Gujri Hirapur, Kothida etc. of Tehsil Dharampuri and Manawar of Distt. Dhar. Irrigation intensity is proposed to be increased from existing 100% to 143% in Command Area. Total amount annual benefits from increased productivity have been work out as 15862 Qtl. from 4750 Qtl. Therefore total profit in next 100 year would be 354344.00 lakhs.
2	Benefits to economy	The main objective of Karam Medium Project is to provide benefit of irrigation water to 8750 ha. Land , which is mainly owned by tribal's, and after completion assured water will be given to boost up their economy.
3	No. of population benefited	The Karam Medium Project is conceived irrigation water to 8750 hectare of CCA in village ashapur, Ahamadpura, Faraspura, Dugni, Gujri Hirapur, Kothida etc. of Tehsil Dharampuri and Manawar of Distt. Dhar will be benefited by this scheme by way of irrigation. So, the total cultivators benefited through irrigation shall be nearly 9535 No.
4	Employment potential	During the construction stage temporary employment to 584850 man days and permanent employment 20 persons shall be generated for 36 month.
5	Cost of acquisition of facility on non-forest land wherever feasible	No human commodity will affected due to construction of project.
6	Loss of (a) agricultural & (b) animal husbandry production due to diversion of forest land	No loss of agriculture envisaged. In fact present object has been proposed for the improvement of agriculture in this area. No loss in the animal Husbandry production.
7	Cost of rehabilitating the displaced persons as different from compensatory amounts given for displacement	Not applicable.
8	Cost of supply of free fuel-wood to workers residing in or near forest area during the period of construction	The labour camps will be facilities with kerosene/ LPG facilities and hence no tree cutting shall be there for fule wood.
9	Total benefit due to project	Rs. 3543.44 yearly in lakhs Rs. 354344.00 lakhs afer 100 years

Cost Benefits Analysis :

- (i) Total benefit due to project (354344.00 lakhs)
- (ii) Total annual cost (Expenditure 2020.74)
- (iii) Benefit Cost Ratio - 2.69
- (iv) Cost Benefit Ratio - 1.53


(N.L. Ahirwar)

Executive Engineer

W.R.Division No. I, Dhar, District- Dhar (M.P)

कारम मध्यम परियोजना

विकासखण्ड धरमपुरी

जिला :- धार

लागत लाभ विश्लेषण

1. योजना की लागत
2. योजना के लाभ

:-

रु 30444.79 लाख

कारम मध्यम परियोजना से 8750 हेक्टर में सिंचाई प्रस्तावित है। इस योजना की उपयोगिता निम्न है।

1. भू-जल स्तर में वृद्धि
2. खाद्यान्न उत्पादन में वृद्धि
3. स्थानीय ग्रामीणों को रोजगार के अवसर
4. मछली पालन उत्पादन

3. वित्तीय एवं आर्थिक विश्लेषण

:-

कारम मध्यम परियोजना के क्रियान्वयन के पूर्व एवं पश्चात फसल फायदा का अनुपात क्रमशः 2.69 एवं 1.53 आंकलित किया गया है। जिसका विवरण संलग्न प्रपत्र में दिया गया है।



(एन.एल.अहिरवार)

कार्यपालन यंत्री,

जल संसाधन संभाग क्र. 1, धार

जिला धार (म.प्र.)