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Name of Work:- C/o link road from Reog to Galanghatti via Dawala KM 0/000 to 8/050.

COST BENEFIT ANALYSIS

Name of Work:- C/o link road from Reog to Galanghatti via Dawala KM 0/000 to 8/050.

PART-II	(To be filled by the concerned Divisional Forest Officer)	Description
1.	Ecosystem services losses due to proposed diversion	This shall be the NPV of the total forest land to be diverted i.e 5.7946 Hectares @ Rs 13,72,410/- per Hectare = Rs. 79,52,567/-
2.	Loss of Animal Husbandry Productivity including loss of fodder	10% of NPV = Rs.7,95,257/-
3.	Cost of Human Settlement	No settlement is involved in Forest land proposed for diversion.
4.	Loss of public facilities and administrative infrastructure.	No loss of public facilities and administrative infrastructure is involved in this proposal.
5.	Possession value of forest land to be diverted	30% of Net Present Value = 23,85,770/-
6.	Cost of suffering to oustees	Nil
7.	Habitat Fragmentation cost	50% of NPV = 39,76,284/-
8.	Cost of Compensatory Afforestation, soil & Moisture Conservation cost.	Rs. 41,91,569/-

(Sahil Rana)
Assistant Engineer
Thanebhar Sub-Division
HPPWD Thanebhar

(Manoj Kumar)
Executive Engineer
Kumarsain Division
HPPWD Kumarsain

(Raj Kumar, HPFS)
Divisional Forest Officer
Kotgarh Forest Division, H.P.

PARAMETRES FOR EVALUATION OF BENEFIT		
Sr. No	Parameters	Description
1.	Increase in productivity attributable to the specific project	This road is being constructed to provide motor link to villagers which are unconnected by road. The road will cater to the needs of the local population. It will facilitate the transportation of agricultural and horticulture produce like apples, potatoes, peas and other cereal crops to the market. As transportation facilities are introduced, modern agricultural implements and technology can be used by the locals to boost production, which is otherwise difficult without road facilities.
2.	Benefit to Economy	During the construction and after the completion of the road, the local population will be benefited greatly. The construction of the road will provide safe and fast transportation of agriculture / horticulture implements and the final produce, which will boost the local economy.
3.	No of population benefited	Population of more than 500 residents of Village Reog, Dawala, Dakoon, Tharu and Galanghatti area will be benefited directly.
4.	Economic benefits due to direct and indirect employment due to the project.	Direct employment of about 100000 mandays and indirect opportunities of approximately 32000 mandays per annum shall be generated during the post construction of the project.
5.	Economic benefits due to compensatory afforestation	The CA scheme will add 12 hectares of forest cover. The CA scheme is estimated to cost about Rs.41,91,569/- and thus will generate approximately 3500 mandays of employment considering 50% of CA cost as labour component.

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(Sahil Rana)
Assistant Engineer
Thaneesar Sub-Division
HPPWD Thaneesar

(Manoj Kumar)
Executive Engineer
Kumarsain Division
HPPWD Kumarsain

(Raj Kumar, HPFS)
Divisional Forest Officer
Kotla Forest Division, HP