

Annexure VI (C)

Parameters for Evaluation of Benefit, notwithstanding Losses of Forest

Name of Proposal: - Construction of Link road From S.N.B Road to Village Khal Tibba Km 0/0 to 7/0 in District Bilaspur, Himachal Pradesh.

Sr No	Parameters	Irrigation/ hydel projects & others
1	Increase in productivity attributable to the specific project	This rural road project will provide all weather road facility to the Villagers of Khal -Tibba. The people of the local area are facing lot of difficulties due to no availability of road to these village. This will increase the revenue generated to the tune of 200. Crores per annum by increase in milk production, dairy products, fisheries and local crops of the area to nearest markets. It also changes the basic infrastructures facilities such as health institution education etc.
2	Benefits to economy	Availability of roads play a pivotal role in the economy of any society. It is accepted that benefits desired from road are transmitted throughout the economy and its fruits are noticed in every sector of development. Economic developments depends mainly on education and transportation. The vast effects of roads on the economy and on the well measured in digital values. Road have equality important social values. It will also increases the per captain of the Villagers to 2.00 Lacs per annum.
3	No. of population benefited	Approximately 1000 people of the area will be benefited with the construction of this road.
4	Employment potential	Approximately 1,30000 mandays of skilled and unskilled labours employment will be generated during the construction of the road.
5	Cost of acquisition of facility on non- forest land wherever feasible.	There is no non- forest land of allotted or common land is available, hence not feasible
6	Loss of (a) agricultural (b) animal husbandry production due to diversion	Nil There will be no loss of the agriculture and animal husbandry production due to diversion of forest land as sufficient forest land is available.
7	Cost of rehabilitating the displaces persons as different given for displacement	There is no project affected person. Benefits under R& R plan will be provided to PAF,s & IRDP BLP families of PAP..
8	Cost of supply of free fuel - wood to workers residing in or near forest area during the period of construction.	Nil. No fuel wood will be supplied to the staff as well as the workers. Kerosene and LPG will be provided by the user agency / Contractor.

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913

Annexure VI (b)

Parameters for Evaluation of Loss of Forest

Name of Proposal: - Construction of Link road From S.N.B Road to Village Khal Tibba Km 0/0 to 7/0 in District Bilaspur, Himachal Pradesh.

Parameters	Nature of Loss	In Rs. Lacs
2	3	4
1. Loss of value of timber fuel wood and minor produce on an annual man – hours per annum of people who derived livelihood and wages from commodities.	(i) Loss of values in terms of Timbers (ii) Loss of values in terms of Fuel Wood (cost as per enumeration list) (iii) Loss of values in terms of Minor Forest Produce. (iv) Loss of man hours.	Nil Rs. 0.66 Lacs. Nil Nil
2. Loss of animal husbandry productivity including loss of fodder	(i) Loss of Animal Husbandry productivity (ii) Loss of Fodder on annual basis	Nil Nil
3. Cost of human resettlement	There is no project affected person, hence the cost of human resettlement is nil.	Nil
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	No such structure exists under this proposal, hence no loss is there.	Nil
5. Environmental losses : (Soil erosion, effect on hydrological cycle, wildlife habitat, microclimate upsetting of ecological balance.	i As per MOEF Guidelines environmental value of one hect. Of duly stocked forest (density 1.0) over a period of 50 years is Rs. 126.74 Lacs ii For 0.04 density environmental value of one hect of duly stocked over a period of 50 year is Rs 5.06 Lacs. iii For 5.467 hect of forest land environmental value of 50 years is Rs 27.66 Lacs. iv Environmental value of one year of 5.467 hect. of forest land of one year is 0.55 Lacs.	 0.55 Lacs
Suffering to oustees	There will be no family to be ousted due to the construction of project.	Nil
Total (1+2+3+4+5+6)		Rs. 1.05 Lacs


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**PARAMETERS FOR EVALUATION OF BENEFIT
NOTWITHSTANDING LOSS OF FORESTS.**

Sr. No.	Nature of Proposal			
	Parameters	Roads Tr. Lines & Railway lines	Minor projects	Irrigation/ hydel projects & Others.
1	Increase in productivity attributable to the specific project	This rural road project will provide all weather road facility to the Village of Khal – Tibba . The People of the local area are facing lot of difficulties due to no availability of road to these village . This will increase the revenue generated to the tune of 200. Cross per annum by increase in milk production , dairy produces, fisheries and local crops of the area to nearest markets , It also changes the basic infrastructures facilities such as health institution education etc.	Nil	Nil
2	Benefits to economy	Availability of roads play a pivotal role in the economy of any society. It is accepted that benefits desired from road are transmitted throughout the economy and its fruits are noticed in every sector of development . Economic developments depends mainly on education and on the well measured in digital values. Road have equality important social values. It will also increases the per capita of the Villagers to 2.00 Lacs per annum.	Nil	Nil
3	No of population benefited	Approximately 1000 people of the area will be benefited with the construction of this road.	Nil	Nil
4	Employment potential	Approximately 1,30,000 man days of skilled and unskilled labors employment will be generated during the construction of the road.	Nil	Nil

Cost of acquisition of facility on non-forest land wherever feasible	There is no non-forest land of allotted or common land is available, hence not feasible.	Nil	Nil
Loss of (a) Agriculture & (b) animal husbandry production due to diversion of forest land.	Nil There will be no loss of the agriculture and animal husbandry production due to diversion of forest land as sufficient forest land is available.	Nil	Nil
Cost of rehabilitating the displaced persons as different from compensatory amounts given for displacement	There is no project affected person. Benefits under R & R plan will be provided to PAF,s & IRDP BLP families of PAP.	Nil	Nil
Cost of Supply of free fuel-wood to workers residing in or near forest area during the period of construction	Nil No fuel wood will be supplied to the staff as well as the workers. Kerosene and LPG will be provided by the user agency / Contractor.	Nil	Nil

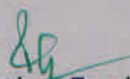

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ANNEXURE – VI (b)

PARAMETERS FOR EVALUATION OF LOSS OF FORESTS.

Sr. No.	Parameters	Roads, Tr. Lines & Railway lines	Minor irrigation projects quarrying of stones / metals	Medium & Major irrigation hydro electric, large mining & others misc projects.
1	Loss of value of timber fuel wood and minor forest produce on an annual basis including loss of man - hours per annum of livelihood and wages from the harvest of these commodities.	(i) Loss of values in terms of Timbers. (ii) Loss of values in terms of Fuel Wood (cost as per enumeration list). (iii) Loss of values in terms of Minor Forest Produce. (iv) Loss of man hours.	Nil	Nil
2	Loss of animal husbandry productivity including loss of fodder	(i) Loss of Animal Husbandry Productivity. (ii) Loss of Fodder on annual basis.	Nil	Nil
3	Cost of human resettlement	There is on project affected person, hence the cost of human resettlement in nil.	Nil	Nil
4	Loss of public facilities and administrative infrastructure (Roads building Schools, dispensaries electric lines railway etc) on forest land or which would require forest land if these facilities were diverted due to the project.	No such structure exists under this proposal, hence no loss is there.	Nil	Nil
5	Environmental losses (soil erosion effect on hydrological cycle wildlife	(i) AS per MOEF Guidelines environmental value of one hect. of duly stocked forest	Nil	Nil

habitat microclimate upsetting of ecological balance)	<p>(density 1.0) over a period of 50 years in Rs. 126.74 Lacs).</p> <p>(ii) For 0.04 density environmental value of one hect. of duly stocked over a period of 50 year is Rs. 5.06 Lacs.</p> <p>(iii) For 5.467 hect. of forest land environment value of 50 years in Rs. 27.66 lacs.</p> <p>(iv) Environmental value of one year of 5.467 hect. of forest land of one year is 0.55 lacs.</p>		
Suffering to oustees.	There will be on family to be outsed due to the construction of project.	Nil	Nil


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