

No. C-28-b-1600/ FCA (Online)/Shimla/ 10499  
Himachal Pradesh Forest Department

Dated, the Shimla-02 15.11.2016

From:

CF Shimla

To: Nodal Officer-cum-APCCF(FCA)  
O/o Pr.CCF(HoFF) HP, Shimla

Subject:

**Diversion of 6.1448 ha of Forest land for the construction of Bag Kayalu road, Tehsil Suni, Distt. Shimla in favour of Executive Engineer, HPPWD (Rural) Division Dhamsi within the jurisdiction of Shimla Forest Division.**

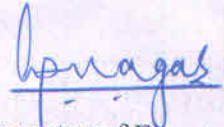
Memo:

Kindly refer to your office online observation conveyed on dated 20.10.2016 on the subject cited above.

The point wise clarification desired vide above quoted reference is given as under:-

1. Cost Benefit analysis is uploaded now and hard copy of the same is also enclosed herewith.
2. Legal status of Forest land proposed for diversion is uploaded now.
3. Necessary correction has been done now.
4. Pertain to DFO Kotgarh.

**Encl: As above.**



Conservator of Forests  
Shimla Forest Circle

**COST BENEFIT ANALYSIS.  
EVALUATION OF LOSS OF FORESTS.**

C/o Bag Kayalu road km. 0/0 to 10/500

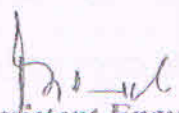
S. No.	Parameters	Value expressed to monetary terms	Remarks.
1.	Loss of value of timber	Rs. 14,00,000/=	Total value of Rs. 14,00,000/- trees.
	Loss of Fuel wood	Rs.37,800/=	Value of loss of fuel wood/Ha. Rs. 37,800/=
	Loss of minor forest produce on an annual basis, including loss of man hours per annum of people who derived livelihood and wages from the harvest of these commodities		All the trees to be removal are of non scheduled species and presently nothing is harvested from for domestic or commercial purpose. Minor forest produce of the region may be collected by the right holders however it is of not much commercial value. Therefore, there will be no loss of existing man hour nor anybody will be deprived of their livelihood.
2	Loss of animal husbandry- loss of fodder.	NIL	No loss of animal husbandry
3	Cost of human resettlement.	NIL	No one will be resettled.
4	Loss of public facilities and administrative infrastructure (road, buildings, schools, dispensaries, electric lines, Railways etc.) on forest land if these facilities were diverted due to the project.		No loss of public facilities.
5	Environments losses(Soil erosion. effect on hydrological cycle, wildlife habitat, micro climate, upsetting of ecological balance	NIL	Erosion will be negligible & can be minimized by adopting scientific methods of road construction. As the anticipated 70% debris will be used in filling on the surface of road & remaining 30% will be retained behind embankment/retaining walls. No debris will be thrown down the slopes. The breast walls will be constructed to retain back cutting portion. No hydrological adverse effecting operation are expected during construction & no wildlife specific habitat is adversely effecting nearby similarly no microclimate upsetting of ecological balance expected. The environmental value of 06-69-97 hectare having 0.1 density is 85.00 lakhs. Whereas value of monetary returns after the construction of road per year is 220 hectare which gives positive cost benefit ratio.

*(Signature)*  
**Assistant Engineer**  
**Jalog Sub Division**  
**HPPWD Jalog**

Check list No.33  
 COST BENEFIT ANALYSIS  
 NOT WITH STANDING LOSS OF FORESTS  
 Bag Kayalu road km. 0/0 to 10/500

C/o

S. No.	Parameters	Value expressed to monetary terms	Remarks.
1.	Increase in productivity attributable to the specific project.	Growth of local business by almost 85 lakhs/annum	Increase in production of cash crops.
2	Benefits to economy	Rs. 90,000 lakhs.	
3	No of population benefited	Directly 193 souls In directly 1500 souls	
4	Employment Potential	104223 man days job will be generated, by the construction of the road which will be paid with average salary of Rs. 200 per day. That means around 208.45 lakhs will be paid as salaries to the workers.	Local population will be given preference for Bag Kayalu in maintenance of road.
5	Cost of acquisition of facility on non forest land wherever feasible.	NIL	No cost involved in acquisition.
6	Loss of (a) agriculture & (b) animal husbandry production due to diversion of non-forest land	NIL	No loss of agriculture and animal husbandry production.
7	Cost of rehabilitation the displaced person as different from compensatory amounts given for displacement	NIL	No one is rehabilitated.
8	Cost of supply of free firewood to workers residing in or near forest area during the period of construction	NIL	As workers will be provided with Fuel like kerosene, LPG etc.

  
 Assistant Engineer  
 Jalog Sub Division  
 HPPWD Jalog