

No. 6840
Himachal Pradesh Forest Department

Dated Shimla.-2 2-11-2018

From: DFO Shimla.

To: C.C.F Shimla Circle.

Subject: Diversion of 5-6581 ha. forest land construction road from Dumi to Kharechi, (Kms 0/00 to 10/165) Proposal File No. FP/HP/ROAD/8164/2014).

Memo:

Kindly refer to your office endst. No. C-28-b-166/FCA Online/5653 dated 28.09.2018 on the subject cited above.

The point wise reply given as under:-

1. The user agency has shown the alternative examine in the KML file as well as online is also uploaded at para C in Part -I.
2. The name of species has been mentioned in the CA Scheme.
3. The user agency has submitted the revised cost benefit analysis certificate and the same has been uploaded online hard copy also enclosed herewith in triplicate.

Encl. As above.

Divisional Forest Officer,
Shimla Forest Division,
Shimla

Blum
01.11.2018

1/11

HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT

NO:- PW-SD-I/WA-FCA/2018-19:- 17254-55

Dated:-

17/10/18

To

✓ The Divisional Forest Officer,
Shimla Forest Division,
Shimla-2.

Subject:-


Diversion of 5.6581 ha of Forest Land for the construction of Dumi Karechi road in favour of HPPWD within the jurisdiction of Shimla Forest Division.

Reference:-

Your office letter No. 5772 dated 29/9/18

The point wise reply to the observation is as under:-

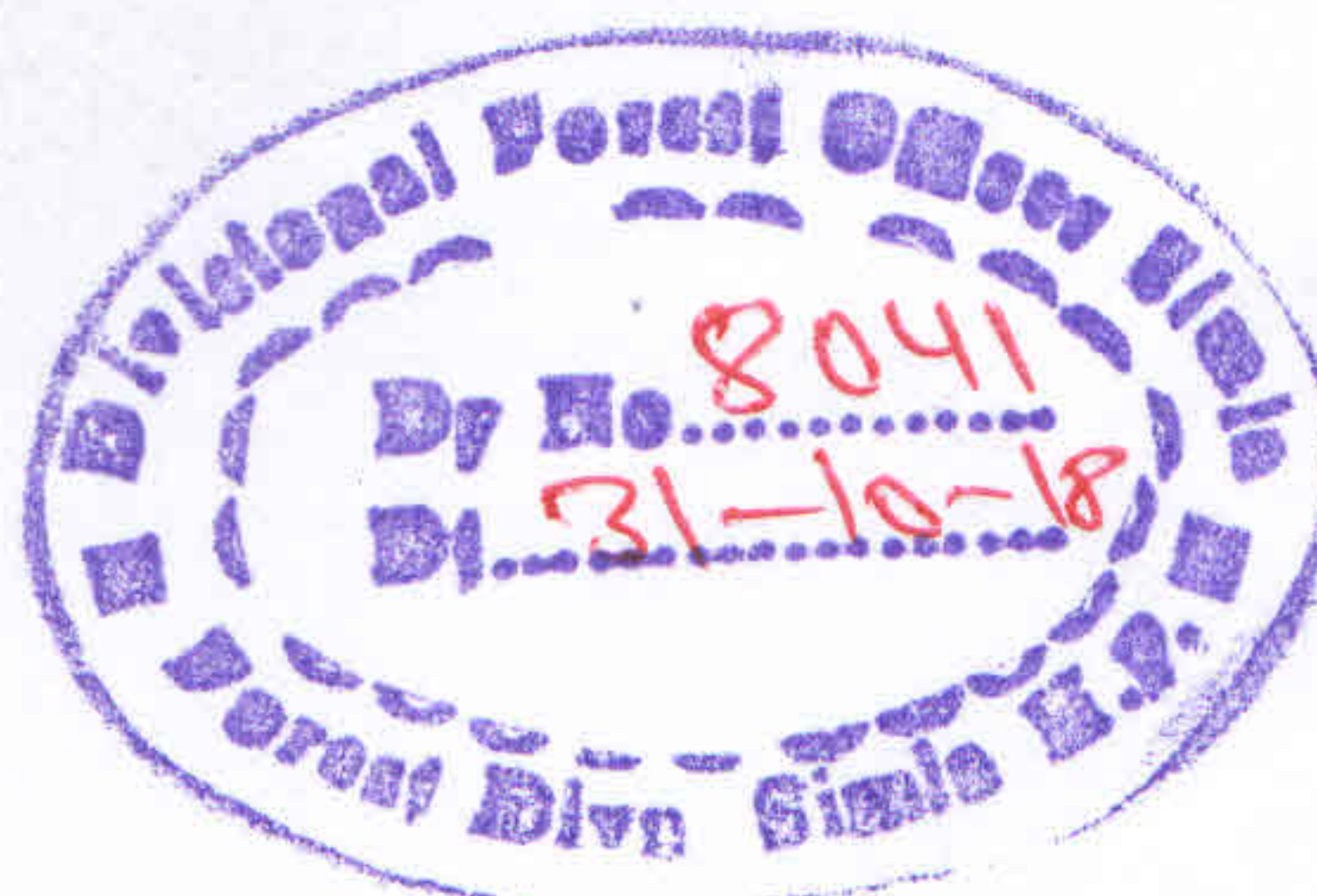
1. The alternative examined, now shown in the KML file with proposed alignment and uploaded at Para C online part one.
2. Pertain to your office.
3. The revised cost benefit analysis enclosed.


Executive Engineer,
Shimla Division No-1,
HPPWD. Shimla-3.

Copy to the Assistant Engineer, Shimla Sub-Division No-1,
HPPWD Shimla-3 for information.

Executive Engineer,
Shimla Division No-1,
HPPWD. Shimla-3.

RK
30/10
31/10



COST BENEFIT ANALYSIS

EVALUATION OF LOSS OF FORESTS

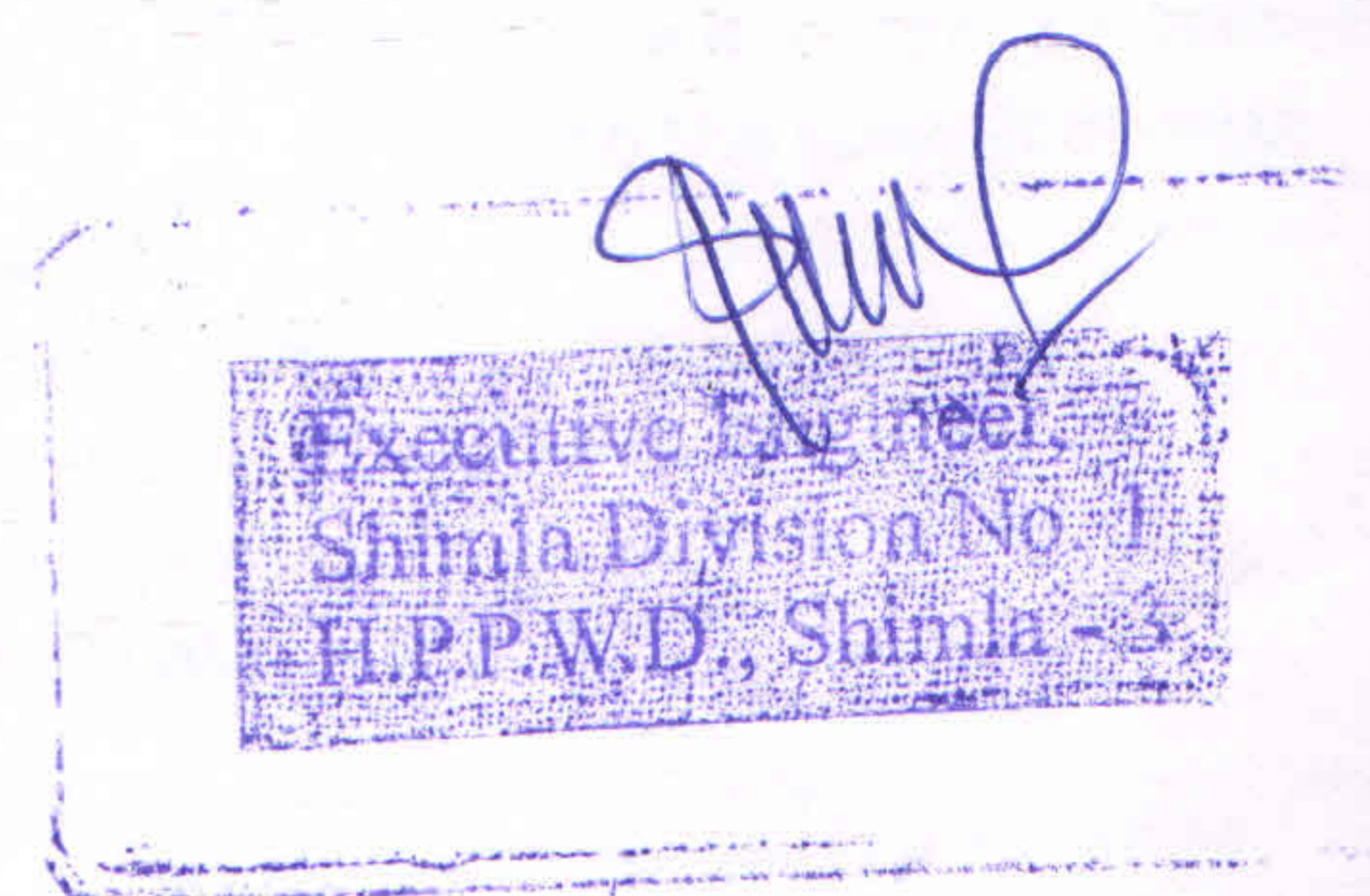
Name of Project:- Dummi to Kharechi KM 0/0 to 10/165

Table -B-

Sr. No.	Parameters	Value expressed to monetary terms	Remarks
1.	Ecosystem services losses due to proposed forest diversion	Rs. 39,55,012/-	Economic value of loss of ecosystem services due to the diversion of forest shall be the net present value (NPV) of the forest land being diverted as prescribed by the central government (MOEF & CC)
2.	Loss of animal husbandry productivity, including loss of fodder	Rs. 3,95,502/-	To be quantified and expressed in monetary terms or 10% of NPV applicable whichever is maximum.
3.	Cost of human resettlement	No Residential Village/Area are getting affected, there will be no Cost of human resettlement	To be quantified and expressed in monetary terms as per approved R&R plan
4.	Loss of public facilities and administrative infrastructure (Roads, building, schools, dispensaries, electric lines, railways, etc.) on forest land, which would require forest land if these facilities were diverted due to the project.	No public facilities and administrative infrastructure (Roads, building, schools, dispensaries, electric lines, railways, etc.) on forest land, being diverted due to the project. There will be no such loss.	To be quantified and expressed in monetary terms on actual cost basis at the time of diversion
5.	Possession value of forest land diverted	11,86,504/-	30% of environmental costs (NPV) due to loss of forests or circle rate of adjoining area in the district should be added as a cost component as possessor value of forest land whichever is maximum
6.	Cost of suffering to outsees	There is no such loss suffering to outsees.	The social cost of rehabilitation of oustees (in addition to the cost likely to be incurred in providing residence, occupation and social services as per R&R plan) be worked out as 1.5 times of what oustees should have

			earned in two years had he not been shifted.
7.	Habitat Fragmentation Cost	Rs. 19,77,506/-	While the relationship between fragmentation and forest goods and services is complex, for the sake of simplicity the cost due to fragmentation has been pegged at 50% of NPV applicable as a thumb rule.
8.	Compensatory afforestation and soil & moisture conservation cost	Rs. 13,11,550/-	The actual cost of compensatory afforestation and soil & moisture conservation and its maintenance in future at present discounted value

Arvind
Assistant Engineer,
Shimla Sub-Division No -1,
H.P. PWD., Shimla-3



Ces
Divisional Forest Officer
Shimla Forest Division
SHIMLA

CHECK LIST No. 33

COST BENEFIT ANALYSIS

Name of Project:- Dummi to Kherechi KM 0/0 to 10/165

Table- C-

Sr.No.	Parameters	Value expressed in monetary terms	Remarks
1.	Increase in Productively attribute to the specific project	Growth of local business by almost 100.00 Lacks	To be quantified & expressed in monetary terms
2.	Benefits to economy due to the specific project.	The economy Benefits in monetary terms due to the activity attributed to the specific project will be Rs. 80.00 Lacs	The incremental economic benefit in monetary terms due to the activities attributed to the specific project.
3.	No. of population benefited due to specific project.	About 25000 man day's job will be generated, by the construction of the road, which will be paid with average salary of Rs. 235/per day. That means around Rs. 5.75 lacs will be paid as salaries to the workers.	As per the Detailed Project Report
4.	Economic benefits due to of direct and indirect employment due to the project.	Directly -2 Indirectly -33	As per the Detailed Project Report
5.	Economic benefits due to Compensatory Afforestation	Economic benefits due to Compensatory Afforestation Benefits due to Animal husbandry productivity, including loss of fodder and fuel wood. Ecosystem services Benefits due to proposed forest diversion, Possession value of forest land diverted will be Rs. 55,37,018/-	

Anil
Assistant Engineer,
Shimla Sub-Division No. 1,
H.P. PWD., Shimla-2

CS
Divisional Forest Officer
Shimla Forest Division
SHIMLA

[Signature]
Executive Engineer,
Shimla Division No. 1,
H.P.P.W.D., Shimla-3