

No.RK/Misc/ 7871
H.P. Forest Department

From:- Divisional Forest Officer
Dalhousie Forest Division
Dalhousie

To:- Executive Engineer
HPPWD Division Chowari
Distt. Chamba H.P.

Dated Dalhousie, the 21-12-2023

Subject:- Proposal for diversion of 2.358 hectare of forest land for C/O- link road from Daballa Danga to Chamber Km. 0/0 to 3/700 Km within the jurisdiction of Dalhousie Forest Division, District Chamba (H.P.).

Sir,

The approval "in-principle" has been conveyed by the IRO, MoEF&CC, Chandigarh in above said case vide letter No.FC/HPB/06/72/2021 dated 14.12.2023. The revised CA scheme on current wage rates also enclosed herewith for further necessary action at your end. Further, you are requested to deposit the following amount through online portal/e-challan generated immediately, so that 2nd stage clearance/approval from the competent authority could be obtained well in time. The bills in respect of NPV/CA and cost of plants are enclosed herewith. Necessary breakup of amount with its heads for deposition of **Net Present Value/ Compensatory Afforestation, contingencies/departmental charges and cost of trees etc** in respect of above cited proposal is tabulated as under:-

Sr. No.	Component	Amount	Mode of Payment	Amount where the amount is to be deposited.
1	NPV (NetPresent Value)	23,70,300/-	e-payment	Through online portal as per stipulation No.2(a)(i) & 2(a)(iii) & 2(B)(viii) of "in-principle" approval.
2	Compensatory afforestation	11,44,480/-	e-payment	
3	Contingency	57,230/-	e-payment	
4	Soil and Moisture conservation plan	1,57,000/-	e-payment	
Total amount to be deposited through online		37,29,010/-		
4	Departmental Charges	2,00,290/-	Through online T.C.	0406-01-800-12 RECEIPT FROM OTHER DEPARTMENTS TO COMPENSATION FORESTATION
		2,00,290/-		
G.TOTAL:-		39,29,300/-		

In addition to above the compliance of the stipulations as imposed by the GoI "in-principle" approval be attended online on the portal of MoEF/GoI and hard copies of the same be supplied to this office in original for its transmission to competent authority, so that prescribed format-2 duly filled in by the office of undersigned could be submitted for Stage-II approval at the earliest.

Note:- The user agency will pay the differential amount of NPV, CA etc. if any pointed out by Audit or in case enhancement of rates etc.


Divisional Forest Officer
Dalhousie Forest Division
Dalhousie

LINK ROAD FROM DABALLA DANGA TO CHAMBAR

REVISED BILL FOR NPV

CALCULATION OF NET PRESENT VALUE OF FOREST LAND TO BE DIVERTED UNDER FCA, 1980 FOR CONSTRUCTION OF LINK ROAD FROM DABALLA DANGA TO CHAMBAR 0/0 TO 3/700 KM (VIOLATION) IN DALHOUSIE FOREST DIVISION-DALHOUSIE

Classification of land being diverted into various ECO CLASSES AS PER Hon'ble Supreme Court directions.

Nature of Forests		Area to be diverted in hac.			Classification as per Champion and Seth							Eco value Class
Chamunda Thera DPF		2.358			Sub Tropical Pine Forest							V
Class Of Trees	V	IV	III	IIA	IIB	IA	IB	IC	ID	IE	Total	Area to be diverted in Hac.
Trees coming in the alignment	0	0	0	0	0	0	0	0	0	0	0	2.358
TOTAL	22	36	32	9	9	1	0	0	0	0	109	
Total trees below III												0
Total trees III class and above												51
Total mature trees (nationally) after conservation of below III rd class into one mature class												51
Per Hectare Density of trees												22
Density of trees in the land to be diverted												0.05
Density class												Open

Nature of Forests	Area to be diverted in hac.	Eco Class	Density Class	NPV rate Applicable	Amount
Chamunda Thera DPF	2.358	V	Open	1005210	2370285.18
				Or Say	2370300.00

Place : Dalhousie

Date : 20-12-2023


Divisional Forest Officer
Dalhousie Forest Division
Dalhousie

CHECK LIST NO: - 27**"SCHIME FOR COMEPESATORY AFFORTATION"**

Detail scheme for compensatory Afforestation to be carried out in lieu of diversion of 2.358 hectare of forest land for the construction of **link road from Daballa Danga to Chambar** to be constructed by HPPWD Division, Dalhousie in Chamba District, Himachal Pradesh. Afforestation will be done over (2.358x2= 4.716 hact.) i.e. two times the forest land area to be diverted.

1). Details of degraded forest Land / Non-forest land:-

a) District	Chamba
b) Village (Name of land Bank)	TRANG DRAMAN DPF
c) Tehsil	Dalhousie
d) Name of Forest Division	Dalhousie
e) Range	BAKLOH
f) Scale	1.50000
g) Block/Compartment/Survey No.	H43F4
h) Area to be afforested	4.716 hectare

2). Description of Area:-

a) Whether the site selected for compensatory afforestation is a land bank or not:

Yes. The selected site is a land bank.

b) If the CA site is other than the land bank reason be given:

Not applicable as the site selected is a land bank.

c) In the case of non-forest area identified for CA, then what is the distance of CA site from adjoining forest boundary?

Not applicable as the site selected is a forest area.

d) Soil Type: Rocky (soft) and Sandy loom

e) Topography: Hilly

ii) Slope: Steep / **Medium** / Gentle

f) Whether the area is bearing any root stock of vegetation: No

3) Plantation Model:-

Compensatory afforestation over an area of 4.716 ha of degraded forest land is proposed to be raised. The area selected for this purpose is in TRANG DRAMAN DPF, which is a degraded forest area and has been a land bank. Presently the area supports scattered Chil (**Pinus roxburghii**) trees. Whole of the plantation of 4.716 will be raised in a single compact block inside the degraded forest for such purpose. The area indentified for plantation has also been shown on the attached map. Plants @1100 plants per hectare will be planted. Thus **5,188** plants under this diversion proposal will be planted in the land bank. The species to be planted will be mainly broad leaved and Other Misc. species of fruit plants etc. The plantation will be raised in the following year after the approval of FCA proposal and further maintenance and beating up of failures will be done for the subsequent ten years. The scheme will be implemented by Forest Department through DFO, Dalhousie. Total financial outlay for compensatory plantation scheme is Rs. **14,02,000/-**. Certificate of the DFO Dalhousie regarding suitability of area identified for compensatory plantation is attached. The area selected for compensatory plantation will be approachable from Dalhousie to Chowari via Bharadi road and on foot 5-6 Km. from near village Draman. The monitoring will be done as per existing monitoring mechanism in the Forest Department at present and also as per G.O.I. instructions.

Particulars of works	Norms per hact. @ 375/- wage (2022-23)	Year of execution of works	Increase per Year @ 10%	Tentative Rate	Total amount
Plant P/Hact	1100				
CA in Hact.	4.716				
(a)					
Initial cost for Plantation	94500	2023-24	9450	103950	490230
Nursery Cost (BL = 2.16) Hacter)	20.83	2023-24	2.083	22.913	118860
(b)					
Soil conservation works	0	0		L/S	152270
Total (a+b)					761360
(c)					
1 st year maintenance	11400	2024-25	1140	12540	59140
2 nd year maintenance	7700	2025-26	1620	9320	43960
3 rd year maintenance	3900	2026-27	1290	5190	24480
4 th year maintenance	3900	2027-28	1810	5710	26930
5 th year maintenance	3900	2028-29	2380	6280	29620
6 th year maintenance	3900	2029-30	3010	6910	32590
7 th year maintenance	3900	2030-31	3700	7600	35850
8 th year maintenance	3900	2031-32	4460	8360	39430
9 th year maintenance	3900	2032-33	5300	9200	43390
10 th year maintenance	3900	2033-34	6220	10120	47730
TOTAL					383120
Total (a+b+c)					1144480
Contingencies				5%	57230
					1201710
Department Charges				17.50%	200290
				TOTAL	1402000
				Or Say	1402000

6). Technical details:-

Technical details of Compensatory Afforestation Scheme are as follows:-

- (a) **General Details:** - An area of **4.716** ha will be taken up for planting under compensatory afforestation scheme in **DPF Trang Draman** in a single compact block. The area will be protected by Barbed wire fencing and a mixture of broad leaved species with fruit wear will be planted. Plants will be planted @ 1100 plants per hectare.
- (b) Spacement:- 2.5 mtr×2.5 mtr
1. Species:- Broad Leaved and Fruit plants
- (c) **Plantation Method:-** Nursery grown one year old plants of Mixed species of Broad Leaved) and Fruit plants in Polythene bags will be planted in 45×45×45 cm pits in the selected area. Bush cutting will be done in the infested area. The plantation will be maintained for subsequent 10 years in which beating up failures will be done. The plantation will be rain faded.
- (d) **Soil and Moisture Conservation Works:** - Contour trenching will be done over the entire area to conserve the available moisture during rainy season so that moisture regime in the area is improved. Minor Soil Conservation works like gully plugging check walls will be done where ever required.
- (e) **Protection (Fencing, Watch man, People's Participation etc.):**- Area will be protected from grazing by erecting barbed wire fencing at all vulnerable place around the plantation. Further watch and ward as also fire protection will be ensured through regular departmental staff.
- Proposed Monitoring Mechanism:-** The plantation will be monitored as per existing monitoring mechanism in the forest department. The plantation will also be monitored by GoI representatives as per instructions. The area selected for compensatory plantation will be approachable from Dalhousie to Chawari via Bharadi road and on foot 5-6 Km. from near village Draman. The monitoring will be done as per existing monitoring mechanism in the Forest Department at present and also as per G.O.I. instructions.


(Rajneesh Mahajan) HPFS
Divisional Forest Officer
Dalhousie Forest Division
Dalhousie