

No. RK/Misc./ 6400
H.P. Forest Department

From:-

Divisional Forest Officer
Dalhousie Forest Division
Dalhousie

To:-

The Principal
Govt. Degree. Collage, Sihunta
Distt. Chamba (H.P)

Dated Dalhousie, the 16-10-2024.

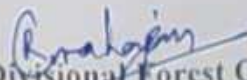
Subject: - **Diversion of 1.5298 hectare of forest land in favour of the HP Education Department, Directorate of Higher Education, Lalpani - Shimla, HP for setting up of Govt. Degree College Sihunta within the jurisdiction of Dalhousie Forest Division.**

Sir,

The approval "*in-principle*" has been conveyed by the IRO, MoEF&CC, Chandigarh in above said case vide letter No.I/78480/2024 dated 31.07.2024. 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)	15,37,800/-	e-payment	CAMPA HEAD Through online portal
2	Compensatory afforestation	15,15,000/-	e-payment	
3	Contingency	75750/-	e-payment	
4	Cost of trees	4,45,800/-	e-payment	Head-0406-01-800-15
Total amount to be deposited through online		35,74,350/-		
4	Departmental Charges	2,65,125/-	Through online T.C.	0406-01-800-12 RECEIPT FROM OTHER DEPARTMENTS
G.TOTAL:-		38,39,475/-		

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

Check list Serial Number:-27

SCHEME FOR COMPENSATORY AFFORESTATION

Detailed scheme for compensatory afforestation to be carried out for the construction of Provision of proposed CA site for **Construction of Govt. Degree College Sihunta** Within the Jurisdiction of Dalhousie Forest Division HP Afforestation will be done over 3.1 hectare as under:-

1.Details of degraded forest land/non forest land:-

a) District	Chamba
b) Name of land Bank	Manmassi DPF
c) Tehsil	Sihunta
d) Name of Forest Division	Dalhousie
e) Range	Bhattiyat
h) Area to be afforested	3.1 Hact.

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 is given. :
N.A. as the selected site is a land bank.
- (c) In case of non-forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary?
Not applicable as the site selected is a forest area
- (d) Soil Type : Sandy Loam
- (e) Topography:Hilly
- (f) Slope: Easy to Moderate
- (g) Whether the area is bearing any stock of vegetation: No

3. Plantation Model.

Compensatory afforestation over an area of 3.1 Hact of degraded forest land is proposed to be raised. The area selected for this purpose is Manmassi DPF, which is a degraded forest area and has been proposed as a land bank in the concerned proposal. Whole of the plantation of 2 ha will be raised in a single compact block inside the land bank created 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 3410 plants under this diversion proposal will be planted in the land bank. The species to be planted will be mainly broad leaved. 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. The cost structure of the scheme is attached. The scheme has been formulated by taking into consideration the present wage rate of Rs.400/- and 10% cost escalation after First years has been provided. Total financial outlay for compensatory plantation scheme is **Rs. 18,55,875/-** Certificate of DFO Dalhousie regarding suitability of area identified for compensatory plantation is also attached.. The monitoring will be done as per existing monitoring mechanism in the Forest Department at present and also as per G.O.I instructions.


(4)CA Plantation Model 1100 Plants/ Hac. Manmassi DPF					
Sr. No.	Particulars of Works	Unit	Qty	Rate per Unit at wage rate of RS. 150/-	Amount at wage rate of Rs. 150/- for non-tribal areas
1	Survey & Demarcation of Plantation area	ha.	3.1	101	313
2	Digging of Pits of 60x60x60 cm Size for tall plants	No	930	17.45	16229
3	Filling of Pits of 60x60x60 cm Size for tall plants	No	930	2.54	2362
4	Digging of Pits of 45x45x45 cm Size	No	2480	9.54	23659
5	Filling of Pits of 45x45x45 cm size	No	2480	2.72	6746
6	Planting of Tall Plants	No	930	6.543	6085
7	Planting of Normal Plants	No	2480	2.18	5406
8	Construction of Inspection Path	Rmt.	310	11	3410
9	Construction of staggered contour trenches	Rmt.	1860	12	22320
10	Planting in gradional trenches	No	6200	L/S	6200
11	Cost of RCC Fence posts	No	155	450	69750
12	Fixing of RCC fence posts	No	155	696.35	107934
13	Fixing of RCC Fence post i/c structting	No	155	L/S	4000
14	Carriage of B/Wire over a distance of 2 Kms	Km/Qtl	2.325	73.65	171
15	Stretching & Fixing of barbed Wire in 5 stands	Rmt.	2325	4.8	11160
16	interlacing of Throny Bushes along the Fence	Rmt.	465	4	1860
17	Cost of Barbed Wire	Qtl	3.41	9000	30690
18	Cost of U-Nails	Qtl	0.155	8800	1364
19	Carriage of Tall Plants over distance 2 km uphill/downhill	No	930	14.76	13727
20	Digging of forest soil, carriage and mixing in the pits	No	37200	L/S	37200
21	Carriage of normal Plants over distance 2 km uphill/downhill		2480	1.9	4712
22	Cost of manure, carriage and application in pits		9300	L/S	9300
23	Mulching with local grasses/shrubs		3410	0.848	2892
24	weeding and hoeing		3410	0.708	2414
25	Watering during lean season		90	L/S	33750
26	Sign Board, Carriage & Fixing		1395	L/S	1395
27	Eradiction of Lantana by CRS method	75%	3.1	58100	180110
28	SMC Work Gully Plugging		15	6000	90000
29	Biofertilizer , Hydrogel , verming composet		3	3000	9000
(A)	wage rate from Rs. 150/- to Rs 400/- per day (Sl. No. 1 to 10, 12 to 16, 19, 21 & 23, 24)				226269
(B)	Cost of material etc. (Sl. No. 11,12to15,17,18,20,22,25,26,27 &28, 29)				477890
(C)	Total (A) + (B)				704159
(D)	Total Cost of 10 years Maintenance				681536
(E)	Total C+D				1385695
(F)	Cost of Tall Plants	No	930	76.1	70773
(G)	Cost of Normal Plants	No	2480	23.47	58206
	Grand Total E+F+G				1514674
	Or Say Rs				1515000
	5% Contingency				75750
	Add Departmental Charges @ 17.5%				265125
	Grand Total				1855875

Scheduled of Maintenance								
A	B	C	D	E	F		G	H
Year wise maintenance	Unit in ha	Number of Plants	Cost of Plant	Total cost plant	Rate per hact.		Total amount of column E+F	Total Amount including escalation
1st year Maintenance	3.1	1023	73.1	74781	14820	45942	120723	144868
2nd Year Maintenance	3.1	682	73.1	49854	10010	31031	80885	105151
3rd Year Maintenance	3.1	341	73.1	24927	4680	14508	39435	55209
4th year Maintenance	3.1	341	73.1	24927	4485	13904	38831	54363
5th year Maintenance	3.1	341	73.1	24927	4485	13904	38831	54363
6th Year Maintenance	3.1	341	73.1	24927	4290	13299	38226	53517
7th Year Maintenance	3.1	341	73.1	24927	4290	13299	38226	53517
8th Year Maintenance	3.1	341	73.1	24927	4290	13299	38226	53517
9th Year Maintenance	3.1	341	73.1	24927	4290	13299	38226	53517
10th year Maintenance	3.1	341	73.1	24927	4290	13299	38226	53517
Total Cost of 10 years Maintenance								681536

5).Technical Details:-

Technical details of Compensatory A forestation Scheme are as follows:-

- (a) **General Details:** - An area of 3.1 Hae will be taken up for planting under Compensatory afforestation scheme in Man Massi DPF. 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 @ and 1100 plants per hectare.
- (b) **Spacement :-** 2.5 x 2.5 mtrs.
Species: - Broad leaves/Conifer
- (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 45x45x45 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 of failures will be done. The plantation will be rain fated.
- (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 Dams 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.
- (f) **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.


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

REVISED BILL FOR NPV
Diversion of 1.5298 hectare of forest land in favour of the HP Education Department, Directorate of Higher Education, Lalpani - Shimla, HP for setting up of Govt. Degree College Sihunta within the jurisdiction of Dalhousie Forest Division.

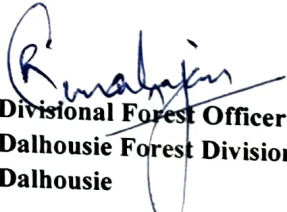
Classification of land being diverted into various ECO CLASSES AS PER Hon'ble Supreme Court directions.

Nature of Forests		Area to be diverted in hac.		Classification as per Champion and Seth								Eco value Class
Narholi DPF		1.5298		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	19	7	6	0	0	0	0	0	1	0	33	1.5298
TOTAL	19	7	6	0	0	0	0	0	1	0	33	
Total trees below III												
Total trees III class and above												26
Total mature trees (nationally)after conservation of below III rd class into one mature class												7
Per Hectare Density of trees												20
Density of trees in the land to be diverted												13
Density class												0.03
												Open

Nature of Forests	Area to be diverted in hac.	Eco Class	Density Class	NPV rate Applicable	Amount
Narholi DPF	1.5298	V	Open	1005210	1537770.26
				Or Say	1537800.00

Place : Dalhousie

Date : _____


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