

**DIVERSION OF 0.30 HA. OF FOREST LAND FOR CONSTRUCTION OF SEWERAGE
TREATMENT PLANT AT NADDI IN DHARAMSHALA, DISTRICT KANGRA, (H.P.)**

FILE NO. : **FP/HP/Others/51314/2020**

DATE OF PROPOSAL :

CHECK LIST SERIAL NUMBER: - 17

“SCHEME FOR COMPENSATORY AFFORESTATION”

Detail scheme for Compensatory Afforestation to be carried out in lieu of 0.30 ha. of forest area to be diverted for the construction of Sewerage Treatment Plant at Naddi in Tehsil Dharamshala, District Kangra H.P.

1. Detail of degraded forest land :

District	Kangra
Tehsil	Harchakian
Division	Dharamshala
Range	Lapiana
Beat	Manai
Block	Pandwar
Compartment No.	UP-93K Fogal C-2
Area	Area Proposed 1 ha (Total Area 5.5 ha)

2. Description of Area

a.	Whether the site selected for Compensatory Afforestation is a land bank or not	Land Bank
b.	If the CA site is other than the land bank, reasons be given	Not Applicable
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
d.	Soil type	Sandy Loam
e.	Topography : a.) Hilly/Undulating /Plain b.) Slope- Steep/Medium/Gentle	Hilly Medium
f.	Whether the area is bearing any root stock of vegetation	Yes

3. Plantation Model

Copy of the approved Compensatory Afforestation Scheme/Model showing component wise physical and financial breakup to be enclosed.

4. Schedule of Plantation Programme

Detail of year wise break-up of requirements of funds is as under:-

YEAR	AREA	RATE / ha (in Rs.)	TOTAL AMOUNT
0 Year	1 Hac.	144026	144026
1 st Year	1 Hac.	5880	5880
2 nd Year	1 Hac.	3250	3250
3 rd Year	1 Hac.	1940	1940
4 th Year	1 Hac.	1940	1940
5 th Year	1 Hac.	1940	1940
6 th Year	1 Hac.	1940	1940
7 th Year	1 Hac.	1940	1940
8 th Year	1 Hac.	1940	1940
9 th Year	1 Hac.	1940	1940
10 th Year	1 Hac.	1940	1940
TOTAL (Rs.)			168676
Contingency Charges 5 %			8434
TOTAL (Rs.)			177110
Departmental Charges 17.5 %			30994
TOTAL (Rs.) for 600 Tall Plants			208104
OR SAY			Rs. 2,08,104/-

5. Technical details

Technical details of Compensatory Afforestation Scheme are as follows:-

a.	General Details	Area for Compensatory Afforestation in Forest Range Lapiana Area 1 ha (Total Area 5.5 ha)
b.	Spacing	3.5 X 3.5
c.	Species	Mix Fruit Plants (Tall Plants)
d.	Plantation Method	By pits 30 cm & 45 cm.
e.	Soil and Moisture Conservation Works	Check dam / Retaining walls / Vegetative check dam
f.	Protection (Fencing, Watch man, People's Participation etc.)	Fencing, Watch man, People's Participation etc. Fencing 5 Stand Barbed Wire interlacing with thorny bushes.
g.	Proposed Monitoring Mechanism	Proper inspection of the area by field staff & officers of the Department.
h.	Any other information	N.A.

Place : Dharamshala

Dated : 08-03-2022

Dr. Sanjeev Sharma (HPFS)
Divisional Forest Officer
Dharamshala Forest Division
Dharamshala

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FILE NO.

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DATE OF PROPOSAL

Scheme for Compensatory Afforestation for 2020-21 for Plantation of 600 plants in 1 ha degraded forest land in lieu of Diversion of 0.30 ha of forest land for Construction of Sewerage Treatment Plant at Naddi in Tehsil Dharamshala, District Kangra, H. P.

Sr. No.	Particulars of work	Qty.	Unit	Rate per Unit at wage rate of Rs. 150/-	Amount @ Wage Rate Rs. 300/- for Non Tribal Areas
1	Survey & demarcation of plantation area	1	Ha.	101.00	202.00
2	Bush Cutting in Strips	1	Ha.	1192.80	2386.00
3	Collection of Debris and Burning	1	Ha.	681.80	1364.00
4	Preparation of Inspection Path 60 cm wide	250	m	11.00	5500.00
5	Digging of pits 60x60x60 cm	600	No.	1745%	20940.00
6	Filling of pits 60x60x60 cm.	600	No.	254%	3048.00
7	Carriage of plants in P/bags from nursery to work site over distance 1 km. (level)	600	No.	1476%	17712.00
8	Planting of tall plants including ramming	600	No.	654%	7852.00
9	Cost of RCC fence posts	50	No.	358.00	17900.00
10	Carriage of RCC Fence Post	50	No.	L/S	16000.00
11	Fixing of RCC Posts including strutting	50	No.	696.35%	696.00
12	Stretching and fixing of barbed wire with U-staple in four strands	585	Rmt.	4.80	5616.00
13	Interlacing of thorny bushes with barbed wire	195	Rmt.	4.00	1560.00
14	Cost of barbed wire	0.084	MT.	65100.00	5468.00
15	Cost of U -staple	0.0010	MT.	64000.00	64.00
16	Mulching of plants	600	No.	84.80%	1018.00
17	Irrigation as per need/photography etc.		L/s		2500.00
18	Nursery Cost of Tall Plant	600	No.	57.00	34200.00
	Total				144026.00
Total Planting Cost					144026.00

1	1st Year Maintenance (1 HAC)	5880
2	2nd Year Maintenance (1 HAC)	3250
3	3rd Year Maintenance (1 HAC)	1940
4	4th Year Maintenance (1 HAC)	1940
5	5th Year Maintenance (1 HAC)	1940
6	6th Year Maintenance (1 HAC)	1940
7	7th Year Maintenance (1 HAC)	1940
8	8th Year Maintenance (1 HAC)	1940
9	9th Year Maintenance (1 HAC)	1940
10	10th Year Maintenance (1 HAC)	1940
Total Maintenance Cost		24650
Total Cost		168676
Add: Contingency Charges 5 %		8434
Total		177110
Add: Departmental Charges 17.5 %		30994
Total Cost of CA for 600 Tall Plants in 1 ha		208104


 Divisional Forest Officer
 Dharamshala Forest Division
 Dharamshala, District Kangra