

**DIVERSION OF 1.3214 HA. OF FOREST LAND FOR CONSTRUCTION OF DRINKING WATER
SCHEME SOURCE AUGMENTATION OF LWSS DAULATPUR JALARI, LWSS TAKIPUR AND
LWSS SAMELA SKOUT IN DISTRICT KANGRA (H.P.)**

FILE NO. : FP/HP/WATER/64746/2020

DATE OF PROPOSAL :

CHECK LIST SERIAL NUMBER: - 17

"SCHEME FOR COMPENSATORY AFFORESTATION"

Detail scheme for Compensatory Afforestation to be carried out in lieu of 1.3214 ha. of forest area to be diverted for the construction of Drinking Water Scheme Source Augmentation of LWSS Daulatpur Jalari, LWSS Takipur and LWSS Samela Skout in District Kangra H.P.

1. Detail of degraded forest land :

District Kangra, Tehsil Kangra, Division Dharamshala.	Kangra Range, Daulatpur Block Block/Comptt. UP-196-K-Bagh C2	Area to be Afforested – 2.65 HA
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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	2.65 Hac.	97340	257951
1 st Year	2.65 Hac.	13958	36989
2 nd Year	2.65 Hac.	9371	24833
3 rd Year	2.65 Hac.	6654	17633
4 th Year	2.65 Hac.	6654	17633
5 th Year	2.65 Hac.	6654	17633
6 th Year	2.65 Hac.	6654	17633
7 th Year	2.65 Hac.	6654	17633
8 th Year	2.65 Hac.	6654	17633
9 th Year	2.65 Hac.	6654	17633
10 th Year	2.65 Hac.	6654	17634
TOTAL (Rs.)			460838
Contingency Charges 5 %			23042
TOTAL (Rs.)			483880
Departmental Charges 17.5 %			84679
TOTAL (Rs.)			568559
OR SAY			Rs. 5,68,559/-

5. Technical details

Technical details of Compensatory Afforestation Scheme are as follows:-

a.	General Details	Area for Compensatory Afforestation in Forest Range Kangra Area 2.65 Hac.
b.	Spacing	2.5 X 2.5
c.	Species	Mix Broad Leave
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.



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

Place : Dharamshala
Dated :

[illegible]

2nd Year Maintenance Cost (20 % Beating Up):							
1	Re-digging of Pits 45 x 45 x 45 cm	No.	220	4.77	1049.4	7.00	1923.90
2	Filling of Pits 45 x 45 x 45 cm	No.	220	2.72	598.40	3.99	1097.07
3	Planting of Plants raised in P/Bags	No.	220	2.18	479.60	3.20	879.27
4	Nursery Cost of Plants	No.	220	17.00	17.00	0.00	3740.00
5	Carriage of Plants in P/Bags over a distance of 2 Km uphill/ downhill	Km/ No.	220	1.90	836.00	5.57	1532.67
6	Repair of Fencing	Rmt.	60	1.80	108.00	0.72	198.00

Total/ 2nd Year Maintenance Cost **9370.91**

or Say **9371**

3rd Year to 10th Year Maintenance Cost (10 % Beating Up):							
1	Re-digging of Pits 45 x 45 x 45 cm	No.	220	4.77	524.7	3.50	961.95
2	Filling of Pits 45 x 45 x 45 cm	No.	220	2.72	299.20	1.99	548.53
3	Planting of Plants raised in P/Bags	No.	220	2.18	239.80	1.60	439.63
4	Nursery Cost of Plants	No.	220	17.00	17.00	0.00	3740.00
5	Carriage of Plants in P/Bags over a distance of 2 Km uphill/ downhill	Km/ No.	220	1.90	418.00	2.79	766.33
6	Repair of Fencing	Rmt.	60	1.80	108.00	0.72	198.00

Total/ 1st Year Maintenance Cost **6654.44**

or Say **6654**

C	Survey, Demarcation & Fencing Cost						55900
D	Planting Cost						41440
E	1st year Maintenance						13958
F	2 nd year Maintenance						9371
G	3 rd year Maintenance						6654
H	4 th year Maintenance						6654
I	5 th year Maintenance						6654
J	6 th year Maintenance						6654
K	7 th year Maintenance						6654
L	8 th year Maintenance						6654
M	9 th year Maintenance						6654
N	10 th year Maintenance						6654
	Total						173901
O	Constituency Charges @ 5%						8695
	Total						182596.05
P	Departmental Charges @ 17.5%						31954
	Grand Total (C to P)						214550
	Total Cost of CA for 1 ha						214550

Total Cost Of CA for 2.65 ha is Rs 214550 x 2.65 ha = Rs 5,68,559/-

= 52

Dr. Sanjeev Sharma (HPFS)
Divisional Forest Officer
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Dharamshala, District Kangra