

Diversion of 2.4264 ha of Forest Land for construction of National Centre of Excellence at Hamirpur under FCA 1980 of Hamirpur Forest Division

FILE NO. : FP/HP/WATER/12290/2015

Scheme for Compensatory Afforestation for 2021-22 in lieu of Diversion of 2.4264 ha of Forest Land for construction of National Centre of Excellence at Hamirpur under FCA 1980 of Hamirpur Forest Division (P11 Sathwin C4 5 ha.)

Sr. No.	Particulars of work	Unit	Qty.	Rate per Unit at wage rate of Rs. 150/-	Amount @ Rs. 150/- for Non Tribal Areas	Mandays Involved	Amount at wage rate of Rs. 300/-
A	Survey, Demarcation & Fencing Cost						
1	Survey & demarcation of plantation area	ha.	1	101.00	101.00	0.67	202.00
2	Preparation/purchase of RCC Fence posts.	No.	50	358.00	12500.00	0.00	17900.00
3	Carriage of RCC Fence posts up to 165 cm long over distance 2 Km uphill/downhill.	Km/No.	50	33.50	33.50	22.33	6700.00
4	Preparation/digging of holes of 20x30x50 cm size	No.	50	9.06	453.00	3.02	906.00
5	Fixing of RCC fence posts including strutting.	No.	50	7.16	358.00	2.39	716.00
6	Carriage of Barbed wire over distance 2 Km. uphill / downhill	Km/Qtl.	0.75	73.65	110.48	0.74	220.95
7	Stretching & fixing of barbed wire in 4 strands	Rmt.	600	4.80	2880.00	19.20	5760.00
8	Interlacing of Thorny bushes along the fence	Rmt.	150	4.09	613.50	4.09	1227.00
9	Cost of Barbed Wire	Qtl.	0.75	6510.00	4882.50	0.00	4882.00
10	Nursery Cost of Plants	No.	1100	20.00	20.00	0.00	22000.00

Total - A (Survey, Demarcation & Fencing) **60513.95**

B	Planting Cost						
1	Bush Cutting in Strips (3mX3m)	ha.	1100	1192.80	1192.80	7.95	2385.60
2	Digging of pits 45x45x45 cm	No.	1100	9.54	10494.00	69.96	20988.00
3	Filling of pits 45x45x45 cm.	No.	1100	2.72	2882.00	19.95	5984.00
4	Carriage of plants in P/bags over distance 2 km. uphill.	Km/No.	1100	1.90	4180.00	27.87	8360.00
5	Planting of entire plant raised in P.bags.	No.	1100	2.18	2398.00	15.99	4796.00
6	Construction of Inspection Path	Rmt.	100	11.00	1100.00	7.33	2200.00
7	Cost of Sign Board, Carriage & Fixing	No.	0	LS	450.00	0	450.00

Total - B (Planting Cost) **45163.60**

or Say **45200**

Grand Total (A+B) **105800**

1st Year Maintenance Cost (30 % Beating Up):

1	Re-digging of Pits 45 x 45 x 45 cm	No.	330	4.77	1574.1	10.49	3148.20
2	Filling of Pits 45 x 45 x 45 cm	No.	330	2.72	897.60	5.98	1795.20
3	Planting of Plants raised in P/Bags	No.	330	2.18	719.40	4.80	1438.80
4	Nursery Cost of Plants	No.	330	20.00	20.00	0.00	6600.00
5	Carriage of Plants in P/Bags over a distance of 2 Km uphill/ downhill	Km/No.	330	1.90	1254.00	8.36	0.00
6	Repair of Fencing	Rmt.	60	1.80	108.00	0.72	0.00

Total/ 1st Year Maintenance Cost **12982.20**

or Say **15800**

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	2098.80
2	Filling of Pits 45 x 45 x 45 cm	No.	220	2.72	598.40	3.99	1196.80
3	Planting of Plants raised in P/Bags	No.	220	2.18	479.60	3.20	959.20
4	Nursery Cost of Plants	No.	220	20.00	20.00	0.00	4400.00

5	Carriage of Plants in P/Bags over a distance of 2 Km uphill/ downhill	Km/No.	220	1.90	836.00	5.57	1672.00
6	Repair of Fencing	Rmt.	60	1.80	108.00	0.72	216.00
Total/ 2nd Year Mentenance Cost							10542.80
or Say							10600

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	1049.40
2	Filling of Pits 45 x 45 x 45 cm	No.	220	2.72	299.20	1.99	598.40
3	Planting of Plants raised in P/Bags	No.	220	2.18	239.80	1.60	479.60
4	Nursery Cost of Plants	No.	220	20.00	20.00	0.00	4400.00
5	Carriage of Plants in P/Bags over a distance of 2 Km uphill/ downhill	Km/No.	220	1.90	418.00	2.79	836.00
6	Repair of Fencing	Rmt.	60	1.80	108.00	0.72	216.00
Total/ 1st Year Mentenance Cost							7579.40
or Say							7600

C	Survey, Demarcation & Fencing Cost						60600
D	Planting Cost						45200
E	1st year Maintenance						15800
F	2 nd year Maintenance						10600
G	3 rd year Maintenance						7600
H	4 th year Maintenance						7600
I	5 th year Maintenance						7600
J	6 th year Maintenance						7600
K	7 th year Maintenance						7600
L	8 th year Maintenance						7600
M	9 th year Maintenance						7600
N	10 th year Maintenance						7600
Total							193000
O	Constituency Charges @ 5%						9650
Total							202650.00
P	Departmental Charges @ 17.5%						35464
Grand Total (C to P)							238114
Total Cost of CA for 1 ha							238114

Total Cost Of CA for 5 ha is Rs 238114 x 5 ha =

1190600

[Signature]
[Signature]
Chief Conservator of Forests
Hamirpur Forest Circle
Hamirpur - 177001 (H.P.)

[Signature]
Deputy Conservator of Forests,
Hamirpur Forest Division,
Hamirpur (H.P.)