

COST OF COMPENSATORY AFFORESTATION IN LIEU OF DIVERSIAN OF 0.9918 HA.OF FOREST LAND FOR THE C/O OF GOVT. POLYTECHNIC JANDAUR IN THE JURIDICION OF DEHRA FOREST DIVISION DEHRA DISTT. KANHRA HP

FILE No.

FP/HP/Others/114095/2020

Scheme for Compensatory Afforestation for 2026-27 in lieu of Diversion of 2.00 ha. of forest land for Construction of above said Project in District Kangra, H. P.

Total area diverted in hectare		0.9918 ha.				
Area proposed for compensatory		1.9836 hectare or say 2.00 ha.				
Name of proposed plantation area		UPF Jandour C-5				
Plants to be planted per hectare		1100 per hectare				
Sr. No.	Particulars of work	Unit	Qty.	Rate per Unit at wage rate of Rs. 150/-	Mandays Involved	Amount at wage rate of Rs. 400/- for Non-Tribal Areas
A Survey, Demarcation & Fencing Cost						
1	Survey & demarcation of plantation area	ha.	1	101.00	0.67	268.00
2	Preparation/purchase of RCC Fence posts.	No.	50	358.00	0.00	17900.00
3	Carriage of RCC Fence posts up to 165 cm long over distance 2	Km/ No.	50	33.50	22.33	8932.00
4	Preparation/digging of holes of 20x30x50 cm size	No.	50	9.06	3.02	1208.00
5	Fixing of RCC fence posts including strutting.	No.	50	7.16	2.39	956.00
6	Carriage of Barbed wire over distance 2 Km. uphill / downhill	Km/ Qtl.	0.75	73.65	0.74	296.00
7	Stretching & fixing of barbed wire in 4 strands	Rmt.	600	4.80	19.20	7680.00
8	Interlacing of Thorny bushes along the fence	Rmt.	150	4.09	4.09	1636.00
9	Cost of Barbed Wire	Qtl.	0.75	6510.00	0.00	4882.00
10	Nursery Cost of Plants	No.	1100	37.00	0.00	40700.00
Total - A (Survey, Demarcation & Fencing)						84458
or Say						84500
B Planting Cost						
1	Bush Cutting in Strips (3 m x 3 m)	ha.	1	1192.80	7.95	3180.00
2	Digging of pits 45x45x45 cm	No.	1100	9.54	69.96	27984.00
3	Filling of pits 45x45x45 cm.	No.	1100	2.72	19.95	7980.00
4	Carriage of plants in P/bags over distance 2 km. uphill.	Km/ No.	1100	1.90	27.87	11148.00
5	Planting of entire plant raised in P.bags.	No.	1100	2.18	15.99	6396.00
	Planting of grass tufts/preparation of strips including sowing in strips 100x30x5 cm for grass sowing along contour.	Rmt.	100	11.00	7.33	2932.00
		No.	0	LS	0	450.00
Total Planting Cost						60070
or Say						60100
Grand Total (A+B)						144600
Add 10 % Increase on D						14460
Total Plantation Cost						159060
1st Year Maintenance Cost (30 % Beating Up):						
1	Re-digging of Pits 45 x 45 x 45 cm	No.	330	4.77	10.49	4196.00
2	Filling of Pits 45 x 45 x45 cm	No.	330	2.72	5.98	2392.00
3	Planting of Plants raised in P/Bags	No.	330	2.18	4.80	1920.00
4	Carriage of Plants in P/Bags over a distance of 2 Km uphill/	Km/ No.	330	1.90	8.36	3344.00
5	Repair of Fencing	Rmt.	60	1.80	0.72	288.00
Total/ 1st Year Mentenance Cost						12140
or Say						12100
2nd Year Maintenance Cost (20 % Beating Up):						
1	Re-digging of Pits 45 x 45 x 45 cm	No.	220	4.77	7.00	2800.00
2	Filling of Pits 45 x 45 x45 cm	No.	220	2.72	3.99	1596.00
3	Planting of Plants raised in P/Bags	No.	220	2.18	3.20	1280.00
4	Carriage of Plants in P/Bags over a distance of 2 Km uphill/	Km/ No.	220	1.90	5.57	2228.00
5	Repair of Fencing	Rmt.	60	1.80	0.72	288.00
Total/ 2nd Year Mentenance Cost						8192
or Say						8200

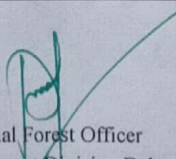
3rd Year to 10th Year Maintenance Cost (10 % Beating Up):

1	Re-digging of Pits 45 x 45 x 45 cm	No.	110	4.77	3.50	1400.00
2	Filling of Pits 45 x 45 x 45 cm	No.	110	2.72	1.99	796.00
3	Planting of Plants raised in P/Bags	No.	110	2.18	1.60	640.00
4	Carriage of Plants in P/Bags over a distance of 2 Km uphill/	Km/ No.	110	1.90	2.79	1116.00
5	Repair of Fencing	Rmt.	60	1.80	0.72	288.00
Total/ 3rd Year Mentenance Cost						4240
or Say						4200

F Maintenance Cost								
	Year	Amount	No. of Plants	Cost of Plants	Total Amount	Increase %	Increased Amount	Total Maintenance Cost
1	1st year Maintenance	12100	330	37	24310	20%	4862	29172
2	2 nd year Maintenance	8200	220	37	16340	30%	4902	21242
3	3 rd year Maintenance	4200	110	37	8270	40%	3308	11578
4	4 th year Maintenance	4200	110	37	8270	50%	4135	12405
5	5 th year Maintenance	4200	110	37	8270	60%	4962	13232
6	6 th year Maintenance	4200	110	37	8270	70%	5789	14059
7	7 th year Maintenance	4200	110	37	8270	80%	6616	14886
8	8 th year Maintenance	4200	110	37	8270	90%	7443	15713
9	9 th year Maintenance	4200	110	37	8270	100%	8270	16540
10	10 th year Maintenance	4200	110	37	8270	110%	9097	17367
G	Total Maintenance Cost 1 to 10 Years							166194

Abstract of Cost

H	Particulars of work	Area (in ha)	Cost per Ha.	Cost for 2.00 Ha
	Total Planting Cost	2.00	159060	318120
	1st year Maintenance	2.00	29172	58344
	2 nd year Maintenance	2.00	21242	42484
	3 rd year Maintenance	2.00	11578	23156
	4 th year Maintenance	2.00	12405	24810
	5 th year Maintenance	2.00	13232	26464
	6 th year Maintenance	2.00	14059	28118
	7 th year Maintenance	2.00	14886	29772
	8 th year Maintenance	2.00	15713	31426
	9 th year Maintenance	2.00	16540	33080
	10 th year Maintenance	2.00	17367	34734
	Total			650508
	SMCP Works proposed for CA			95000
	Total			745508
I	Constituency Charges @ 5%			37275
	Total			782783
J	Departmental Charges @ 17.5%			136987
	Grand Total (H to J)			919770
	Total Cost of CA for 2.00 ha			919770


 Divisional Forest Officer
 Dehra Forest Division Dehra
 Distt. Kangra H.P