

CHECK LIST SERIAL NO:-17

Bill for compensatory afforestation scheme over 1.7282 ha of Forest land Construction of Transport Nagar at Mauja Gurshali, Tehsil and District Shimla.

Area proposed for compensatory afforestation in ha.								3.5 ha			
Name of the proposal planting area								P-II UPF Badlaog			
Plants to be planted per ha.								1100			
Total No. of plants to be planted								8855			
Rate per plant								28/-			
Species to be planted								Deodar, Chil, Ban & other B/L			
Particulars of works	Area in Ha.	Unit cost at wages structure per ha. for 2022-23 including plants cost	Total Amount Col 2x3	No. of plants planted 1 ha.	Total No. of plants planted (2X5)	Total amount of plants @ 28 of each plant	Total amount (Unift cost+Plant Cost (4+7)	Year of execution of works	Cost exaction	Amount of cost escalation.	Total amount (Col. 4+7)
1	2	3	4	5	6	7	8	9	10	11	12
Initial cost CA over an area of CA	3.5000	89800	314300	1100	3850	107800	422100	2022-23	10%	42210	464310
1St year Maintenance	3.5000	10600	37100	330	1155	32340	69440	2023-24	20%	13888	83328
2nd year Maintenance	3.5000	7100	24850	220	770	21560	46410	2024-25	30%	13923	60333
3rd year Maintenance	3.5000	3700	12950	110	385	10780	23730	2025-26	40%	9492	33222
4th year Maintenance	3.5000	3700	12950	110	385	10780	23730	2026-27	50%	11865	35595
5th year Maintenance	3.5000	3700	12950	110	385	10780	23730	2027-28	60%	14238	37968
6th year Maintenance	3.5000	3700	12950	110	385	10780	23730	2028-29	70%	16611	40341
7th year Maintenance	3.5000	3700	12950	110	385	10780	23730	2029-30	80%	18984	42714
8th year Maintenance	3.5000	3700	12950	110	385	10780	23730	2030-31	90%	21357	45087
9th year Maintenance	3.5000	3700	12950	110	385	10780	23730	2031-32	100%	23730	47460
10th year Maintenance	3.5000	3700	12950	110	385	10780	23730	2032-33	110%	26103	49833
			Total		8855						940191
						Contingencies charges @ 5%					47010
						Total					987201
						Departmental Charges 17.50%					172760
						G. Total					1159961

(Ankit Kumar Singh IES)
Deputy Conservator of Forests,
Chopal Forest Division Chopal

BILL FOR COMPENSATORY PLANTATION SCHEME OVER AREA MEASURING 10 HECTARE OF FOREST LAND IN LIEU OF DIVERSION OF FOREST LAND FOR THE C/O FOUR LAINING OF PROPOSED SHIMLA BYPASS FROM KAINTHLIGHAT TO SHAKRAL SECTION (PACKAGE-I) OF NH-22 WITHIN THE JURISDICTION OF SHIMLA FOREST DIVISION, DISTT. SHIMLA, HP.										
Approximate area where compensatory Afforestation can be done in hac.			10							
Plants to be planted per hectare			1100							
Total number of plants to be planted			11000							
1	2	3	4	5	6	7	8	9	10	11
particulars of works	Unit cost at wage structure per ha. For 2021-22, including plants cost	No. of Plants	Plants @ 22/- Rs	Total amount of plants	Area in ha.	Total cost (i.e. Col.2x6+5)	Year of execution of work	Cost escalation	Unit cost after applying cost escalation (Col.7x9)	Total amount (Col.7+10)
Initial cost for raising CA over an area of CA	89800	11000	23	253000	10	1151000	2021-22	10%	115100	1266100
1 st Year Maintenance	10600	3300	23	75900	10	181900	2022-23	20%	36380	218280
2 nd Year Maintenance	7100	2200	23	50600	10	121600	2023-24	30%	36480	158080
3 rd Year Maintenance	3700	1100	23	25300	10	62300	2024-25	40%	24920	87220
4 th Year Maintenance	3700	1100	23	25300	10	62300	2025-26	50%	31150	93450
5 th Year Maintenance	3700	1100	23	25300	10	62300	2026-27	60%	37380	99680
6 th Year Maintenance	3700	1100	23	25300	10	62300	2027-28	70%	43610	105910
7 th Year Maintenance	3700	1100	23	25300	10	62300	2028-29	80%	49840	112140
8 th Year Maintenance	3700	1100	23	25300	10	62300	2029-30	90%	56070	118370
9 th Year Maintenance	3700	1100	23	25300	10	62300	2030-31	100%	62300	124600
10 th Year Maintenance	3700	1100	23	25300	10	62300	2031-32	110%	68530	130830
Total							2514660			
Contingencies Charges @ 5%							125733			
Total cost of CA Scheme							2640393			
Departmental Charges @ 17.5%							462069			
G. Total							3102462			


 Ashok Kumar Negi, HPFS
 Divisional Forest Officer
 Shimla Forest Division
 The Forest Division, Shimla

BILL FOR COMPENSATORY AFFORESTATION SCHEME OVER 10 HECTARES (UPF Choaprinala) FOREST LAND IN LIEU OF PROPOSED DIVERSION OF FOREST LAND FOR Construction for Four Lanning Shimla bypass from Kaithalighat to Shakral Section in the Jurisdiction of Shimla Forest Division, HP.											
1	2	3	4	5	6	7	8	9	10	11	12
Particulars of works	Area (in hect.)	Units cost at wage structure for 2022-23	Plantation cost	plant to be planted per hect	Total no of plant to be planted	Nursery cost per plant	Total nursery cost	Total plantation cost + nursery cost (Col. 4+8)	Year of execution of works	Add 10% Execution for undertaking works in subsequent	Total amount (Col. 9+11)
Area where compensatory Afforestation can be done in hac.	10										
Plants to be planted per ha	1100										
Total number of plants to be planted	11000										
Initial cost for raising afforestation over an area of 12 ha	10	89800	898000.00	1100	11000	23	253000.0	1151000.00	2023-2024	115100.00	1266100.00
Total Cost of Raising Afforestation(A)											1266100.00
1st year maintenance	10	10600	106000.00	330	3300	23	75900.00	181900.00	2024-2025	36380.00	218280.00
2nd year maintenance	10	7100	71000.00	220	2200	23	50600.00	121600.00	2025-2026	36480.00	158080.00
3rd year maintenance	10	3700	37000.00	110	1100	23	25300.00	62300.00	2026-2027	24920.00	87220.00
4th year maintenance	10	3700	37000.00	110	1100	23	25300.00	62300.00	2027-2028	31150.00	93450.00
5th year maintenance	10	3700	37000.00	110	1100	23	25300.00	62300.00	2028-2029	37380.00	99680.00
6th year maintenance	10	3700	37000.00	110	1100	23	25300.00	62300.00	2029-2030	43610.00	105910.00
7th year maintenance	10	3700	37000.00	110	1100	23	25300.00	62300.00	2030-2031	49840.00	112140.00
8th year maintenance	10	3700	37000.00	110	1100	23	25300.00	62300.00	2031-2032	56070.00	118370.00
9th year maintenance	10	3700	37000.00	110	1100	23	25300.00	62300.00	2032-2033	62300.00	124600.00
10 year maintenance	10	3700	37000.00	110	1100	23	25300.00	62300.00	2033-2034	68530.00	130830.00
Total cost of Maintenance(B)											
Total A+B											
25% of CA cost for Soil and Moisture conservation											
Total											
contingencies Charges @ 5%											
Total cost of CA scheme											
Departmental Charges @ 17.5%											
G.Total											
or Say											
3861575											

Note:- Current rate of 2022-23 have been applied


Divisional Forest Officer
Kotkhar Forest Division H.P.