

**{COMPENSATORY AFFORESTATION- FENCING WITH RCC FENCE POSTS} Norms for new plantation in Non-tribal areas
(at wage rate of Rs. 375/- for non tribal areas)**

Modal -I : 1100 Plants per hectare (300 Tall plants+800 Normal plants)- Activity-wise calculations)

CHECK LIST SERIAL NUMBER:18

Sr. No.	Particulars Of Works	Unit	Qty	Rate per unit at the wage rate of 150/-	Amount at wage rate of Rs. 150/- for Non-Tribal areas	Amount at wage rate of Rs. 375/- for Non Tribal areas
A	SURVEY, DEMACATION & FENCING:-					
1	Survey & Demarcation of Plantation Area	Ha.	1	101.00	101	253
2	Digging of Pits of 60X60X60 cm Size for tall plants	No.	300	17.45	5235	13088
3	Filling of Pits of 60X60X60 cm Size for tall plants	No.	300	2.54	762	1905
4	Digging of Pits of 45X45X45 cm Size	No.	800	9.54	7632	19080
5	Filling of Pits of 45X45X45 Ccm Size	No.	800	2.72	2176	5440
6	Planting of Tall Plants	No.	300	654.30/100	1962.9	4907
7	Planting of Normal Plants	No.	800	2.18	1744	4360
8	Construction of Inspection Path	Rmt.	100	11.00	1100	2750
9	Construction of Staggered contour trenches	Rmt.	600	12.00	7050	17625
10	Planting in gradional trenches	No.		L/S	2000	5000
11	Cost of RCC Fence posts	No.	50	450.00	22500	22500
12	Fixing of RCC Fence i/c strutting	No.	50	696.35	348.18	870
13	Carriage of RCC fence posts		50	L/S	4000	10000
14	Carriage of B/Wire over a distance of 2 Kms	KM/Qtls	0.75	73.65	110.48	276
15	Stretching & Fixing of Barbed Wire in 5 Strands	Rmt.	750	4.80	3600	9000
16	interlacing of Thorny Bushes along the Fence	Rmt.	150	4.00	600	1500
17	Cost of Barbed Wire	Qtl.	1.1	9000.00	9900	9900
18	Cost of U-Nails	Qtl.	0.05	8800.00	440	440
19	Carriage of Tall Plants over distance 2 Km uphill/downhill	No	300	14.76	4428	11070
20	Digging of forest soil, carriage and mixing in the pits	No.	0	L/S	12000	12000
21	Carriage of normal Plants over distance 2KM uphill/downhill	KM/No.	800	1.90	1520	3800
22	Cost of manure, carriage and application in pits	No	0	L/S	3000	3000
23	Mulching with local grasses/shrubs	No	1100	84.81/100	932.8	2332
24	Weeding and hoeing	No.	1100	70.85/100	779.35	1948
25	Watering during lean season	No	4	L/S	8000	8000
26	Sign Board, Carriage & Fixing	No	0	L/S	450	450
(B)	Grand Total of all components of (A)				102371.71	171494.28

(C)	Contingency, Photography & IT Costs @ 3%					
(D)	Cost of Tall Plants					
(E)	No.	300	68.68			5144.83
	No.	800	20.83			20604
	Grand Total B+C+D+E					
(F)	Restricted to Rs./Ha (New Plantation)					
	1st Maint. @ 30% of Creation					
	2nd Maint. @ 30% of Creation					
	3rd Maint. @ 20% of Creation					
	4th Maint. @ 15% of Creation					
	5th Maint. @ 15% of Creation					
	6th Maint. @ 10% of Creation					
	7th Maint. @ 10% of Creation					
(G)	Total Maint. For 1st to 7th Maint.					
	Grand Total (Creation+Maint.) (F+G):-					
(H)	Activity					
	Name of component					
	Non tribal Areas (Amt in Rs.)					
	Cleaning of areas infested with invasive Alien Species upto 75%	(Year-I)- Clearing of new areas	39200.00			
		(Year-II) 1st Maint. Of cleared areas	8500.00			
		(Year-III) 2nd Maint. Of cleared areas	5200.00			
		(Year-IV)-3rd Maint. Of cleared areas	5200.00			
	Total cost including Maint.					
	TOTAL NEW + MAINTENANCE + CLEANING (F+G+H)=					
	Or Say					
	Area to be afforested (in hac)					
	Total C.A. Expenditure					
	Contingency Charges @ 5%					
	Departmental Charges @ 17.5%					
	GST @ 18% on cost of Fence Posts and B/Wire					
	G. Total CA Scheme =					
	Full Title of the Project:					
Division of forest land for construction of link road from Padyalag Dohru Maryani Chhandoh Dadhol-Kalan Patta Dikhut within the jurisdiction of Bilaspur Forest Division.						
	File No.:	FP/HP/ROAD/116532/2020				
	Date of Proposal:	1.Jul. 2021				
"SCHEME FOR COMPENSATORY AFFORESTATION"						

1	Detail of degraded forest land/non-forest land:-				
	District	Bilaspur	Village	Talai	
	Tehsil	Jhandutta			
	Name of Division	Bilaspur	Range	Jhandutta	
	Block/Compartment	DPF Talai			
4	Technical details:				
	Technical details of Compensatory Afforestation Scheme are as follows:				
a)	General Details: The area will be closed to improve the vegetation cover to enhance the moisture and water level				
b)	Spacing: 3.00x3.00				
c)	Species: Khair, Shisham, Chil and medical species i.e. Harar, Behra, Amla, Arjun Ritha, Jamun etc.				
d)	Plantation Method: Triangular Planting/ Pit digging.				
e)	Soil and Moisture Conservation Works: Small scale engineering work will be carried out to enhance the moisture and water level in the area.				
f)	Protection (Fencing, Watch Man, People's Participation etc.):-				
g)	Proposed Monitoring Mechanism:- As per guidelines.				
Note					
1	Cost for geotextiles /hydrogels etc to be charged on actual market rate basis in addition to above cost norms.				
2	Increase in cost norms for Tribal Areas shall be in accordance to GoHP directions from time to time.				

Divisional Forest Officer,
 Bilaspur Forest Division,
 Bilaspur, HP.