

{COMPENSATORY AFFORESTATION- FENCING WITH RCC FENCE POSTS} Norms for new plantation in Non-tribal areas (at wage rate of Rs. 400/- 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. 400/- for Non Tribal areas
A	SURVEY, DEMACATION & FENCING:-					
1	Survey & Demarcation of Plantion Area	Ha.	1	101.00	101	269.33
2	Digging of Pits of 60X60X60 cm Size for tall	No.	300	17.45	5235	13959.65
3	Filling of Pits of 60X60X60 cm Size for tall plants	No.	300	2.54	762	2031.95
4	Digging of Pits of 45X45X45 cm Size	No.	800	9.54	7632	20351.49
5	Filling of Pits of 45X45X45 Ccm Size	No.	800	2.72	2176	5802.52
6	Planting of Tall Plants	No.	300	654.30/100	1962.9	5234.27
7	Planting of Normal Plants	No.	800	2.18	1744	4650.55
8	Construction of Inspection Path	Rmt.	100	11.00	1100	2933.26
9	Construction of Staggered contour trenches	Rmt.	600	12.00	7050	18799.53
10	Planting in gradional trenches	No.		L/S	2000	5333.20
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	928.46
13	Carriage of RCC fence posts		50	L/S	4000	10666.40
14	Carriage of B/Wire over a distance of 2 Kms	KM/Qtls	0.75	73.65	110.48	294.61
15	Stretching & Fixing of Barbed Wire in 5 Strands	Rmt.	750	4.80	3600	9599.76
16	interiacing of Thorny Bushes along the Fence	Rmt.	150	4.00	600	1599.96
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	11807.70
20	Digging of forest soil,carriage and mixing in the pits	No.	0	L/S	12000	12000.00
21	Carriage of normal Plants over distance 2KM uphill/downhill	KM/No.	800	1.90	1520	4053.23
22	Cost of manure,carriage and application in pits	No	0	L/S	3000	3000.00
23	Mulching with local grasses/shrubs	No	1100	84.81/100	932.8	2487.40
24	Weeding and hoeing	No.	1100	70.85/100	779.35	2078.21
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	179171.48
(C)	Contingency, Photography &IT Costs @ 3%					5398.00
(D)	Cost of Tall Plants	No.	300	68.68		22830
(E)	Cost of Normal Plants	No.	800	20.83		18776
	Grand Total B+C+D+E					226175.48
(F)	Restricted to Rs./Ha (New Plantation)					210000
	1st Maint. @ 30% of Creation					63000
	2nd Maint. @ 30% of Creation					63000
	3rd Maint. @ 20% of Creation					42000
	4th Maint. @ 15% of Creation					31500
	5th Maint. @ 15% of Creation					31500
	6th Maint. @ 10% of Creation					21000
	7th Maint. @ 10% of Creation					21000
	8th Maint. @ 10% of Creation					21000
	9th Maint. @ 10% of Creation					21000
	10th Maint. @ 10% of Creation					21000
(G)	Total Maint. For 1st to 10th Maint.					336000
	Grand Total (Creation+Maint.) (F+G):-					546000

(H)	Activity	Name of component		Non tribal Areas (Amt in Rs.)
	Cleaning of areas infested with invasive Alien Species upto 50%	(Year-1)- Clearing of new areas		31100.00
		(Year-11) 1st Maint. Of cleared areas		7400.00
		(Year-III) 2nd Maint. Of cleared areas		3700.00
		(Year-IV)-3rd Maint. Of cleared areas		3700.00
	Total cost including Maint.			45900.00
	TOTAL NEW + MAINTENANCE + CLEANING (F+G+H)=			591900.00
			Or Say	590000.00
	Area to be afforested (in hac)			5.00
	Total C.A. Expenditure			2950000.00
	Contingency Charges @5%			147500
	Departmental Charges @ 17.5%			516250
	GST @ 18% on cost of Fence Posts and B/Wire			29556
	G. Total CA Scheme =			3643306
Full Title of the Project:				
Diversion of 17.3469 ha. Forest land for Rehabilitation and Upgrading of Existing Road to 4/2 lane with Paved Shoulder from Shalaghat to Nauni Chowk (Shalaghat to Dareota Village Pkg IIA & Dareota Village to Nauni Chowk-Pkg IIB) of NH 205 [Design Chainage-Km 227+500to Km 58+450, Design length-				
	File No.:	FP/HP/Road/156128/2022		
	Date of Proposal:			
"SCHEME FOR COMPENSATORY AFFORESTATION"				
1	Detail of degraded forest land/non-forest land:-			
	District	Bilaspur	Village	DPF Rachhoh
	Tehsil	Shree Naina Devi Ji		
	Name of Division	Bilaspur	Range	Shree Naina Devi Ji
	Block/Compartment	DPF Rachhoh		
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
 (M.P.)

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25	Watering during lean season	No	4	L/S	8000	8000
26	Sign Board, Carriage & Fixing	No	0	L/S	450	450
					102371.71	179171.48
(B)	Grand Total of all components of (A)					
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(G)	Total Maint. For 1st to 10th Maint.					336000
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(H)	Activity	Name of component	Non tribal Areas (Amt in Rs.)	
	Cleaning of areas infested with invasive Alien Species upto 50%	(Year-1)- Clearing of new areas	31100.00	
		(Year-11) 1st Maint. Of cleared areas	7400.00	
		(Year-III) 2nd Maint. Of cleared areas	3700.00	
		(Year-IV)-3rd Maint. Of cleared areas	3700.00	
	Total cost including Maint.		45900.00	
	TOTAL NEW + MAINTENANCE + CLEANING (F+G+H)=		591900.00	
		Or Say	590000.00	
	Area to be afforested (in hac)		10.00	
	Total C.A. Expenditure		5900000.00	
	Contingency Charges @5%		295000	
	Departmental Charges @ 17.5%		1032500	
	GST @ 18% on cost of Fence Posts and B/Wire		59112	
	G. Total CA Scheme =		7286612	
	Full Title of the Project:			
	Diversion of 17.3417 ha. Forest land for Rehabilitation and Upgrading of Existing Road to 4/2 lane with Paved Shoulder from Shalaghat to Nauni Chowk (Shalaghat to Dareota Village Pkg IIA & Dareota Village to Nauni Chowk-Pkg IIB) of NH 205 [Design Chainage-Km 227+500to Km 58+450, Design length-			
	File No.:	..FP/HP/Road/156128/2022		
	Date of Proposal:			
	"SCHEME FOR COMPENSATORY AFFORESTATION"			
1	Detail of degraded forest land/non-forest land:-			
	District	Bilaspur	Village	UPF Samtehan
	Tehsil	Sadar		
	Name of Division	Bilaspur	Range	Shree Naina Devi Ji
	Block/Compartment	UPF Samtehan		
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				
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 Bilaspur (H.P.)

(H)	Activity	Name of component		Non tribal Areas (Amt in Rs.)
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		(Year-II) 1st Maint. Of cleared areas		7400.00
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		(Year-IV)-3rd Maint. Of cleared areas		3700.00
	Total cost including Maint.			45900.00
	TOTAL NEW + MAINTENANCE + CLEANING (F+G+H)=			591900.00
			Or Say	590000.00
	Area to be afforested (in hac)			20.00
	Total C.A. Expenditure			11800000.00
	Contingency Charges @5%			590000
	Departmental Charges @ 17.5%			2065000
	GST @ 18% on cost of Fence Posts and B/Wire			118224
	G. Total CA Scheme =			14573224
Full Title of the Project:				
Diversion of 17.344 ha. Forest land for Rehabilitation and Upgrading of Existing Road to 4/2 lane with Paved Shoulder from Shalaghat to Nauni Chowk (Shalaghat to Dareota Village Pkg IIA & Dareota Village to Nauni Chowk-Pkg IIB) of NH 205 [Design Chainage-Km 227+500to Km 58+450, Design length-30.95				
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