

**Per hectare cost norm for planting with RCC Fencing under Compensatory Afforestation Scheme  
(1100) Plants per hectare.**

S.No.	Particulars of works	Unit	Qty.	Rate per unit at wage rate Rs.375/-	Amount at the wage rate Rs. 375/-
<b>A</b>	<b>Survey, Demarcation &amp; Fencing</b>				
1	Survey/demarcation of plantation area i/c marking of sections	hac	1	252.50	252.50
2	Cost of RCC Poles and painting	No.	50	358.00	17900.00
3	Cost of carriage of RCC Poles upto 2 kms uphill/ downhill	Km/No.	50	83.75	8375.00
4	Preparation/digging of holes of 20x30x50 cm size for fixing of fence	No.	50	22.65	1133.00
5	Fixing of RCC fence posts in concrete i/c strutting	No.	50	17.90	895.00
6	Carriage of B/wire manually over a distance of 2 kms uphill/ downhill from road side to plantation site	Per Km per Qntl	0.75	184.13	276.20
7	Stretching and fixing of B/wire in four stands	Rmt	600	12.00	7200.00
8	Interlacing of thorny bushes along the fence	Rmt	150	10.22	1533.00
9	Cost of procurement of B/wire	Qntl	0.75	6510.00	4882.00
<b>Total-A Survey, Demarcation &amp; Fencing =</b>					<b>42447.2</b>
<b>Or Say =</b>					<b>42448</b>
<b>B</b>	<b>Planting</b>				
1	Clearing the site of weeds/ Bush cutting in strips 3mtrx3mtr	Ha.	1	2980.00	2980.00
2	Digging of pits 45x45x45cm size	No.	1100	23.85	26235.00
3	Filling of pits 45x45x45 cm size	No.	1100	6.80	7480.00
4	Carriage of plants in poly bags from Nry to work site r distance of 2 kms uphill/ downhill	No.	1100	4.75	10450.00
5	Panting of plants raised in P/bags	No	1100	5.45	5995.00
6	Construction of Inspection Path	Rmt.	100	27.50	2750.00
7	Cost of Sign board, carriage and fixing	No	1	LS	5000.00
<b>Total-B Planting =</b>					<b>60890.00</b>
<b>Or Say =</b>					<b>60890</b>
<b>Total Fencing and Planting (A+B)</b>					<b>103338.00</b>
<b>C</b>	<b>Cost of Plants</b>				
	Cost of P/bags Plants	Nos	1100	28.46	31306
<b>Total C Nursery Cost</b>					
<b>Grand Total (A+B+C):-</b>					<b>134644.00</b>
<b>D</b>	<b>Ist Year Maintenance (30% Beating up)</b>				
1	Re-digging of pits45x450x45 cm	No.	330	1193.22	3938.00
2	Filling of pits45x45x450 cm	No.	330	6.80	2244.00
3	Panting of plants raised in P/bags	No.	330	5.45	1799.00

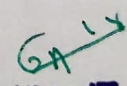
	Carriage of plants in poly bags from Nry to work site r distance of 2 kms				
4	uphill/ downhill	No.	330	4.75	1568.00
5	Repair of fencing	Rmt	60	3.90	234.00
6	Cost of plants	No.	330	28.46	9392.00
Total 1st year maintenance					19175.00
Or Say =					19175
	2nd year Maintenance (20 % beating up )				
1	Re-digging of pits45x450x45 cm	No.	220	1193.22	2625.00
2	Filling of pits45x45x450 cm	No.	220	6.80	1496.00
3	Panting of plants raised in P/bags	No.	220	5.45	1199.00
	Carriage of plants in poly bags from Nry to work site distance of 2 kms				
4	uphill/ downhill	No.	220	4.75	1045.00
5	Repair of fencing	Rmt	60	3.90	234.00
6	Cost of plants	No.	220	28.46	6261.20
Total 2nd year maintenance					12860.20
Or Say =					12860
	3rd year to 10th year maintenance (10% beating up )				
1	Re-digging of pits45x450x45 cm	No.	110	1193.22	1313.00
2	Filling of pits45x45x450 cm	No.	110	6.80	748.00
3	Panting of plants raised in P/bags	No.	110	5.45	599.50
	Carriage of plants in poly bags from Nry to work site distance of 2 kms				
4	uphill/ downhill	No.	110	4.75	522.50
5	Repair of fencing	Rmt	60	3.90	234.00
6	Cost of plants	No.	110	28.46	3130.60
Total 3rd year10th year maintenance					6547.60
Or Say =					6548

  
**Arvind Kumar, IFS**  
 Deputy Conservator of Forests,  
 Kinnaur Forest Division at R/Peo H.P.  
 at Reckong Peo



**Cost of Compensatory Afforestation (CA) Scheme over 50.091 hac. in Forest land for establishment of Dubling Rishi Dogri Road, within the jurisdiction of Kinnaur Forest Division (H.P.)**

Area proposed to be diverted	50.091				
Total number of plants to be planted	1100 Nos./ Ha.				
Area proposed for plantation	U.F. Dubling=14.1 ha., Yangti =6ha., UF Rishi=10Ha., U.F.Kanam 10 ha.& Surpo=10H. =50.1 hac.				
Species to be planted	Coniferous and other broad live species.				
Particulars of works	Unit cost at wage structure for 2021-22 onwards	Year of execution of works	Cost escalation	Unit cost after applying cost escalation	Total amount
Initial cost for raising compensatory afforestation over an area of 50.091 hectare	134644	2022-23	10%	148108	7418878
1 <sup>st</sup> year maintenance	19175	2023-24	20%	23010	1152594
2 <sup>nd</sup> year maintenance	12860	2024-25	30%	16718	837421
3 <sup>rd</sup> year maintenance	6548	2025-26	40%	9167	459184
4 <sup>th</sup> year maintenance	6548	2026-27	50%	9822	491994
5 <sup>th</sup> year maintenance	6548	2027-28	60%	10477	524793
6 <sup>th</sup> year maintenance	6548	2028-29	70%	11132	557613
7 <sup>th</sup> year maintenance	6548	2029-30	80%	11786	590393
8 <sup>th</sup> year maintenance	6548	2030-31	90%	12441	623182
9 <sup>th</sup> year maintenance	6548	2031-32	100%	13096	655992
10 <sup>th</sup> year maintenance	6548	2032-33	110%	13751	688801
<b>Total =</b>					<b>14000845</b>
Contingencies Charges @ 5%					700043
<b>G.Total</b>					<b>14700898</b>
Departmental Charges @17.5%					2450150
<b>G.Total</b>					<b>17151048</b>

  
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