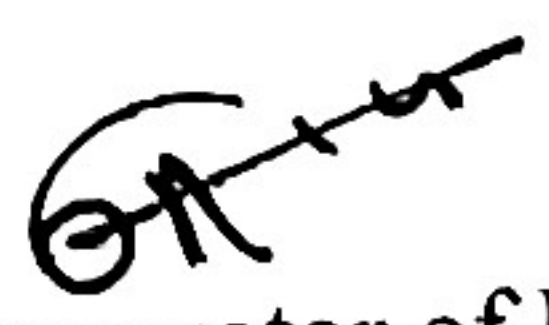


**BILL FOR COMPENSATORY AFFORESTATION SCHEME OVER 1.6748 HACTARE OF
FOREST LAND IN LIEU OF DIVERSION OF 0.8374 HACTRAE FOREST LAND FOR
CONSTRUCUTION OF RAMPUR HYDRO ELECTRIC PROJECT (412 MW) WITHIN THE
JURISDICTION OF RAMPUR FOREST DIVISION, DISTRICT SHIMLA H.P.**

Area proposed for compensatory Afforestation in hac.	1.6748 hec.				
Name of the proposed compensatory Afforestation (CA) area.	UF-Shandal				
No. of plants to be planted per hectare	1100				
Total number of plants to be planted over identified CA land.	1842				
Species to be planted	Conifer & Broad leave species				
Particulars of works	Unit cost at wage structure for 2020-21	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 1.6748 hectare	112900	2021-22	10%	124190	207993
1 st year maintenance	17200	2022-23	20%	20640	34568
2 nd year maintenance	10800	2023-24	30%	14040	23514
3 rd year maintenance	5500	2024-25	40%	7700	12896
4 th year maintenance	5500	2025-26	50%	8250	13817
5 th year maintenance	5500	2026-27	60%	8800	14738
6 th year maintenance	5500	2027-28	70%	9350	15659
7 th year maintenance	5500	2026-27	80%	9900	16581
8 th year maintenance	5500	2028-29	90%	10450	17502
9 th year maintenance	5500	2029-30	100%	11000	18423
10 th year maintenance	5500	2030-31	110%	11550	19344
Total =					395035
Contingencies Charges @ 5%					19752
Total cost of CA Scheme					414787
Departmental Charges @ 17.5%					69131
G. Total =					483918


 Dy. Conservator of Forest
 Rampur Forest Division
 Rampur Bushahr.

Per Hectare Cost Norm for Planting with RCC Fencing under Compensatory Afforestation Scheme (1100 plants per hectare) at the wage rate of Rs. 275/- in H.P. State (w.e.f. 01-4-2020)

Sr. No.	Particulars of works	Qty.	Rate in Rs.	Unit	Amount in Rs.
A	Survey, Demarcation & Fencing				
1	Survey and demarcation of plantation area	1	185.16	p/ha.	185.16
2	Preparation purchase of RCC fence posts	50	358.00	Per Post	17900
3	Carriage of RCC Fence posts upto 165 cm long over a distance of 2 Kilometer uphill downhill.	50	61.41	Per No.	6141.00
4	Preparation digging of holes 20X30X50 Cm Size	50	16.60	Per No.	830.00
5	Fixing of RCC fence posts including strutting	50	1312.64	Per %	656.32
6	Carriage of barbed wire over distance of 2 Km uphill downhill.	0.75	135.01	per Qtls per Km.	202.52
7	Stretching and fixing of Barbed wire in 4 strands	600	8.80	P/Rmt.	5280.00
8	Interlacing of thorny bushes along the fence	150	7.50	P/Rmt.	1125.00
	Barbed wire	0.75	8100.00	P/Qtl.	6075.00
	Total A:- Survey Demarcation & Fencing cost				38395.00
			Or Say		
B	Planting				
1	Bush cutting in strip (3mX3m)	1	2186.76	P/ha.	2186.76
2	Digging of pits of 45x45x45cm size	1100	1748.96	Per %	19238.56
3	Filling of pits of 45x45x45cm size	1100	498.65	Per %	5485.15
4	Carriage of plants in P/bags over distance 2 Km uphill downhill.	1100	3.48	per plant per Km	7656.00
5	Planting of plants raised in P/bags	1100	3.99	per plant	4389.00
6	Construction of Inspection Path	100	20.16	Per Rmt.	2016.00
	Sign Board, Carriage & Fixing	1	4000.00	Per No.	4000.00
	Total B:-Planting cost				44971.47
			Or Say		
C	Cost of plants				
1	Cost of P/bags plants	1100	26.88	Per Plant	29568.00
	Total C:-Nursery cost				29568.00
	Grand Total (A+B+C):-				112934.47
			Or Say		112900
	1st year maintenance (30% Beating Up)				
1	Re-digging of pits 45x45x45 cm	330	874.48	Per %	2885.784
2	Filling of pits 45x45x45cm	330	498.65	Per %	1645.545
3	Carriage of plants in P/bags over distance 2 Km uphill/downhill.	330	3.48	per plant per Km	2296.80
4	Planting of plants raised in P/bags	330	399.65	Per %	1318.85
5	Repair of fencing	60	3.29	Per Rmt	197.40
	Total				8344.37
6	Cost of P/bags plants	330	26.88	per plant	8870.40
	G. Total				17214.77
			Or Say		17200

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Sr. No.	Particulars of works	Qty.	Rate in Rs.	Unit	Amount in Rs.
2nd year maintenance (20% Beating Up)					
1	Re-digging of pits 45x45x45 cm	220	874.48	Per %	1923.86
2	Filling of pits 45x45x45cm	220	498.65	Per %	1097.03
3	Carriage of plants in P/bags over distance 2 Km uphill/downhill.	220	3.48	per plant per Km	765.60
4	Planting of P/bags plants	220	399.65	Per %	879.23
5	Repair of fencing	60	3.29	Per Rmt	197.40
	Total				4863.12
6	Cost of P/bags plants	220	26.88	per plant	5913.60
	G. Total				10776.72
			Or Say		10800
3rd to 10th year maintenance (10% Beating Up)					
1	Re-digging of pits 45x45x45 cm	110	874.48	Per %	961.928
2	Filling of pits 45x45x45cm	110	498.65	Per %	548.52
3	Carriage of plants in P/bags over distance 2 Km uphill/downhill.	110	3.48	per plant per Km	382.80
4	Planting of P/bag plants	110	399.65	Per %	439.62
5	Repair of fencing	60	3.29	Per Rmt	197.40
	Total				2530.26
6	Cost of P/bags plants	110	26.88	per plant	2956.80
	G. Total				5487.06
			Or Say		5500


 Dy. Conservator of Forest
 Rampur Forest Division,
 Rampur Bushahr, H.P