

Diversion of 2.355 ha of forest land for Construction of link road from Gulriya Dhang to Nero Kotri KM. 0/0 To 4/935 within the Jurisdiction of Nahan Forest Division, Nahan, Tehsil, Nahan, Distt. Sirmour H.P.

RECLAMATION SCHEME FOR COMPESSATORY AFFORTATION 0.18ha

Sr. No.	Particulars of work	Unit	Qty.	Rate per Unit at wage rate of Rs. 150/-	Mandays Involved	Amount at wage rate of Rs. 400/-
A	Survey, Demarcation & Fencing Cost					
1	Survey & demarcation of plantation area	ha.	1	101.00	0.67	268.00
2	Preparation/purchase of RCC Fence posts wth 18% GST	No.	50	550.00	0.00	27500.00
3	Carriage of RCC Fence posts up to 165 cm long over distance 2 Km uphill/downhill.	Km/No.	50	33.50	22.33	8932.00
4	Preparation/digging of holes of 20x30x50 cm size	No.	50	9.06	3.02	1208.00
5	Fixing of RCC fence posts including strutting.	No.	50	7.16	2.39	956.00
6	Carriage of Barbed wire over distance 2 Km. uphill / downhill	Km/ Qtl.	0.75	73.65	0.74	296.00
7	Stretching & fixing of barbed wire in 4 strands	Rmt.	600	4.80	19.20	7680.00
8	Interlacing of Thorny bushes along the fence	Rmt.	150	4.09	4.09	1636.00
9	Cost of Barbed Wire with 18% GST	Qtl.	0.75	84310.00	0.00	63232.00
10	Nursery Cost of Plants	No.	1100	23.47	0.00	25817.00
Total - A (Survey, Demarcation & Fencing)						137525.00
						or Say 137600

B	Planting Cost					
1	Bush Cutting in Strips (3mX3m)	ha.	1100	1192.80	7.95	3180.00
2	Digging of pits 45x45x45 cm	No.	1100	9.54	69.96	27984.00
3	Filling of pits 45x45x45 cm.	No.	1100	2.72	19.95	7980.00
4	Carriage of plants in P/bags over distance 2 km. uphill.	Km/No.	1100	1.90	27.87	11148.00
5	Planting of entire plant raised in P.bags.	No.	1100	2.18	15.99	6396.00
6	Construction of Inspection Path	Rmt.	100	11.00	7.33	2932.00
7	Cost of Sign Board, Carriage & Fixing	No.	0	LS	0	450.00
Total - B (Planting Cost)						60070.00
						or Say 60100
Grand Total (A+B)						197700

1st Year Maintenance Cost (30 % Beating Up):						
1	Re-digging of Pits 45 x 45 x 45 cm	No.	330	4.77	10.49	4196.00
2	Filling of Pits 45 x 45 x 45 cm	No.	330	2.72	5.98	2392.00
3	Planting of Plants raised in P/Bags	No.	330	2.18	4.80	1920.00
4	Nursery Cost of Plants	No.	330	23.47	0.00	7745.10
5	Carriage of Plants in P/Bags over a distance of 2 Km uphill/ downhill	Km/No.	330	1.90	8.36	3344.00
6	Repair of Fencing	Rmt.	60	1.80	0.72	288.00
Total/ 1st Year Mentenance Cost						19885.10
						or Say 19900

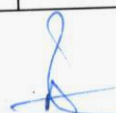
2nd Year Maintenance Cost (20 % Beating Up):						
1	Re-digging of Pits 45 x 45 x 45 cm	No.	220	4.77	7.00	2800.00
2	Filling of Pits 45 x 45 x 45 cm	No.	220	2.72	3.99	1596.00
3	Planting of Plants raised in P/Bags	No.	220	2.18	3.20	1280.00
4	Nursery Cost of Plants	No.	220	23.47	0.00	5163.40
5	Carriage of Plants in P/Bags over a distance of 2 Km uphill/ downhill	Km/No.	220	1.90	5.57	2228.00
6	Repair of Fencing	Rmt.	60	1.80	0.72	288.00
Total/ 2nd Year Mentenance Cost						13355.40
						or Say 13400

3rd Year to 10th Year Maintenance Cost (10 % Beating Up):						
1	Re-digging of Pits 45 x 45 x 45 cm	No.	110	4.77	3.50	1400.00
2	Filling of Pits 45 x 45 x 45 cm	No.	110	2.72	1.99	796.00
3	Planting of Plants raised in P/Bags	No.	110	2.18	1.60	640.00
4	Nursery Cost of Plants	No.	110	23.47	0.00	2581.70
5	Carriage of Plants in P/Bags over a distance of 2 Km uphill/ downhill	Km/No.	110	1.90	2.79	1116.00

6	Repair of Fencing	Rmt.	60	1.80	0.72	288.00
Total/ 1st Year Mentenance Cost						6821.70
or Say						6900

						Escalation	
				L/S	200000	10%	220000
A	Soil Conservation Works (0.18 ha)			L/S	0	0%	0
B	Fire Watcher, Fire Kit, And tools (0.18ha)			L/S	0	0%	0
C	Lantana Eradication				137600	10%	151360
D	Survey, Demarcation & Fencing Cost				60100	10%	66110
E	Planting Cost				19900	10%	21890
F	1st year Maintenance				13400	20%	16080
	2 nd year Maintenance				6900	30%	8970
	3 rd year Maintenance				6900	40%	9660
	4 th year Maintenance				6900	50%	10350
	5 th year Maintenance				6900	60%	11040
	6 th year Maintenance				6900	70%	11730
	7 th year Maintenance				6900	80%	12420
	8 th year Maintenance				6900	90%	13110
	9 th year Maintenance				6900	100%	13800
	10 th year Maintenance				286200		346520
Total Plantation & Maint. For 1 Ha.							

Total Cost of CA i.e. (Soil Conservation, Fire Watcher & Lantana Eradication) for 0.18ha.				282374
Contingency Charges @ 5% for 0.18ha				14119
Total				296493
Departmental Charges @ 17.5% for 0.18ha.				51886
Grand Total				348379
Total Cost Of CA for 0.18ha is =				348379


 Divisional Forest Officer
 Divisional Forest Officer,
 Nahan Forest Division
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 Nahan, h P.

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Scheme for Compensatory Afforestation for 2024-25 in lieu of Diversion of 2.355 ha i.e 4.71ha. (or say 5ha)

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7	Stretching & fixing of barbed wire in 4 strands	Rmt.	600	4.80	19.20	7680.00
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10	Nursery Cost of Plants	No.	1100	23.47	0.00	25817.00
Total - A (Survey, Demarcation & Fencing)						137525.00
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7	Cost of Sign Board, Carriage & Fixing	No.	0	LS	0	450.00
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Grand Total (A+B)						197700
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6	Repair of Fencing	Rmt.	60	1.80	0.72	288.00
Total/ 1st Year Maintenance Cost						19885.10
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2nd Year Maintenance Cost (20 % Beating Up):						
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6	Repair of Fencing	Rmt.	60	1.80	0.72	288.00
Total/ 2nd Year Maintenance Cost						13355.40
						or Say 13400
3rd Year to 10th Year Maintenance Cost (10 % Beating Up):						
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2	Filling of Pits 45 x 45 x 45 cm	No.	110	2.72	1.99	796.00
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4	Nursery Cost of Plants	No.	110	23.47	0.00	2581.70
5	Carriage of Plants in P/Bags over a distance of 2 Km uphill/ downhill	Km/No.	110	1.90	2.79	1116.00
6	Repair of Fencing	Rmt.	60	1.80	0.72	288.00
Total/ 1st Year Mentenence Cost						6821.70
or Say						6900

						Escalation	
A	Soil Conservation Works (5ha)				L/S	800000	10% 880000
B	Fire Watcher, Fire Kit, And tools (5ha) ,Path etc				L/S	350000	10% 385000
C	Lantana Eradication 90% 1st, 2nd & 3rd (area 5Ha.)				L/S	686500	10% 755150
D	Survey, Demarcation & Fencing Cost					137600	10% 151360
E	Planting Cost					60100	10% 66110
F	1st year Maintenance					19900	10% 21890
	2 nd year Maintenance					13400	20% 16080
	3 rd year Maintenance					6900	30% 8970
	4 th year Maintenance					6900	40% 9660
	5 th year Maintenance					6900	50% 10350
	6 th year Maintenance					6900	60% 11040
	7 th year Maintenance					6900	70% 11730
	8 th year Maintenance					6900	80% 12420
	9 th year Maintenance					6900	90% 13110
	10 th year Maintenance					6900	100% 13800
	Total Plantation & Maint. For 1 Ha.					286200	346520

Total Cost of CA i.e. (Soil Conservation, Fire Watcher & Lantana Eradication,etc) for 5ha.				3752750
Contingency Charges @ 5% for 5 ha				187638
Total				3940388
Departmental Charges @ 17.5% for 12ha.				689568
Grand Total				4629956
Total Cost Of CA for 5ha is =				4629956


Divisional Forest Officer
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