ESTIMATED COST FOR COMPENSATORY AFFORASTATION MODEL IN SHIWALIKS

1) Diverted Forest Area =0.8053 ha Daily Wage Rate @ 383.56
2) Comp. Aff. Schme area : 2.0132 + 2 times penal CA= 0.53 Total 2.5432 ha Plants/Ha :1000

3) Name of Site of Plantation : Sarinpur Forest

4) No. of plants Planted =2543 plants

. No.	speices to be planted : Shisham, Arjun, Jamun , Drek et	Unit	Unit Cost	Quantity	Amount
11.00	Component				
	A. Nursery				
1	Cost of seedling including development of Nursary	No	40.00	1100	44000
•	(a) Original planting=1000 per ha.				
	(b) Replacement 10%= 100 per ha Total 1100				
	No. in P. bag				
	B. Soil /Adv Works.				
2	Cutting of Lantana Malha	На.	20921.36	0.60	12552.81
3	Lantana stubbing	Ha.	31381.49	0.20	6276.30
4	Uprooting of old stumps & Disposal	100 No.	76.70	100.00	76.70
5	Prepration of inspection path in Bouldary Soil 100 Mtr x	M3	153.42	10.00	1534.20
3	.10 Mtr x 1Mtr= 10 M3				
6	Survey And Alignment	На	1533.97	1	1533.97
0	(a)Earth work i.e. digging of trenches Bouldary Soil Size		188.29	196	36905
	700No. x 2 Mtr. x .40 Mtr x .35 Mtr =196 m3	M3			
7	(b) Earth work i.e. digging of pits 300No. X .50 Mtr x .5		188.29	30 .	5649
	Mtr x .4 Mtr = 15 M3	M3			
	Will X .4 Will - 15 Wi5				108528
	C. Plantation				
8	(a)Refilling of trenches 700 No x .0.50 Mtr x .40 Mtr x	M3	30.97	42.00	1300.74
0	(a) Refining of trefiches 700 No x .0.30 Mtr x .40 Mtr x				
	(b)Refilling of pits 300 no. x .50 x.50 x.35 = $26M3$	M3	30.97	26.00	805.22
9	Carriage of seedlings by Tractor-Trolly	No	5.75	1000	5750.00
10	Carriage of seedlings by M/L lead 500mt.	Mtr	11.58	1000	11580.00
11	Loading & unloading of plants	100 No	46.37	1000	463.70
12	Planting of seedlings	No	4.88	1000	4880.00
15	Application of Insecticides 1000 x 2 times = 2000	100 No	67.00	2000	1340.00
	Application of fertilizers 1000 x 2 times = 2000	100 No	67.00	2000	1340.00
16	Planting of Bhabbar Grass including extraction and	100 No.	12.10	2000	242.00
17	carriage of Tussocks	1001101			
18	Prepration of round Brush wood fencing including cutting	No	28.76	1000	28760.00
18	carriage material (with binding)				
	carriage material (with binding)				56461.66
	D. Maintenance of Planting Year				
	D. Maintenance of Flanting Tear		1.52.12	10	
	Barrair is a cleaning and dressing of inspection path	M3	1 153.42 1	10	1534.20
19	Repair i.e. cleaning and dressing of inspection path	M3 No	153.42 38.36		1534.20
20	Repair i.e. cleaning and dressing of inspection path Watch and ward for every 10 ha. Of plantation x 26 days	M3 No.	38.36	52	1534.20 1994.72
20	Watch and ward for every 10 ha. Of plantation x 26 days	No.	38.36	52	1994.72
_	Watch and ward for every 10 ha. Of plantation x 26 days Re-Cutting of lantana/mallaha 2nd and 3rd times. 1.00 x				
20	Watch and ward for every 10 ha. Of plantation x 26 days Re-Cutting of lantana/mallaha 2nd and 3rd times. 1.00 x 2= 2	No. Ha	38.36 6961.00	2.00	1994.72
20 21 22	Watch and ward for every 10 ha. Of plantation x 26 days Re-Cutting of lantana/mallaha 2nd and 3rd times. 1.00 x 2= 2 Weeding hoeing i.e. 2000mtr x 3 = 6000 mtr	No. Ha Mtr	38.36 6961.00 2.38	52 2.00	1994.72 13922.00 14280.00
20 21 22 23	Watch and ward for every 10 ha. Of plantation x 26 days Re-Cutting of lantana/mallaha 2nd and 3rd times. 1.00 x 2= 2 Weeding hoeing i.e. 2000mtr x 3 = 6000 mtr Application of Insecticides 1000 x 2 times = 2000	No. Ha Mtr 100 No	38.36 6961.00 2.38 67.00	52 2.00 6000 2000	1994.72 13922.00 14280.00 1340.00
20 21 22	Watch and ward for every 10 ha. Of plantation x 26 days Re-Cutting of lantana/mallaha 2nd and 3rd times. 1.00 x 2= 2 Weeding hoeing i.e. 2000mtr x 3 = 6000 mtr	No. Ha Mtr	38.36 6961.00 2.38	52 2.00	1994.72 13922.00 14280.00
20 21 22 23 24	Watch and ward for every 10 ha. Of plantation x 26 days Re-Cutting of lantana/mallaha 2nd and 3rd times. 1.00 x 2= 2 Weeding hoeing i.e. 2000mtr x 3 = 6000 mtr Application of Insecticides 1000 x 2 times = 2000 Application of fertilizers (twice) 1000 x 2 times = 2000	Mtr 100 No 100 No	38.36 6961.00 2.38 67.00 67.00	52 2.00 6000 2000 2000	1994.72 13922.00 14280.00 1340.00 1340.00
20 21 22 23	Watch and ward for every 10 ha. Of plantation x 26 days Re-Cutting of lantana/mallaha 2nd and 3rd times. 1.00 x 2= 2 Weeding hoeing i.e. 2000mtr x 3 = 6000 mtr Application of Insecticides 1000 x 2 times = 2000 Application of fertilizers (twice) 1000 x 2 times = 2000 Desilting of Tranches 1000 No x 1.50 x .35 x .25 =	No. Ha Mtr 100 No	38.36 6961.00 2.38 67.00	52 2.00 6000 2000	1994.72 13922.00 14280.00 1340.00
20 21 22 23 24 25	Watch and ward for every 10 ha. Of plantation x 26 days Re-Cutting of lantana/mallaha 2nd and 3rd times. 1.00 x 2= 2 Weeding hoeing i.e. 2000mtr x 3 = 6000 mtr Application of Insecticides 1000 x 2 times = 2000 Application of fertilizers (twice) 1000 x 2 times = 2000 Desilting of Tranches 1000 No x 1.50 x .35 x .25 = 131.25	Mtr 100 No 100 No Mtr	38.36 6961.00 2.38 67.00 67.00	52 2.00 6000 2000 2000 131.25	1994.72 13922.00 14280.00 1340.00 1340.00
20 21 22 23 24 25 26	Watch and ward for every 10 ha. Of plantation x 26 days Re-Cutting of lantana/mallaha 2nd and 3rd times. 1.00 x 2= 2 Weeding hoeing i.e. 2000mtr x 3 = 6000 mtr Application of Insecticides 1000 x 2 times = 2000 Application of fertilizers (twice) 1000 x 2 times = 2000 Desilting of Tranches 1000 No x 1.50 x .35 x .25 = 131.25 Carriage of seedlings by Tractor-Trolly	Mtr 100 No 100 No Mtr	38.36 6961.00 2.38 67.00 67.00 69.73	52 2.00 6000 2000 2000 131.25	1994.72 13922.00 14280.00 1340.00 1340.00 9152.06
20 21 22 23 24 25 26 27	Watch and ward for every 10 ha. Of plantation x 26 days Re-Cutting of lantana/mallaha 2nd and 3rd times. 1.00 x 2= 2 Weeding hoeing i.e. 2000mtr x 3 = 6000 mtr Application of Insecticides 1000 x 2 times = 2000 Application of fertilizers (twice) 1000 x 2 times = 2000 Desilting of Tranches 1000 No x 1.50 x .35 x .25 = 131.25 Carriage of seedlings by Tractor-Trolly Carriage of seedlings by M/L lead 500mt.	Mtr 100 No 100 No Mtr No Mtr	38.36 6961.00 2.38 67.00 67.00 69.73 5.74 11.58	52 2.00 6000 2000 2000 131.25 100 100	1994.72 13922.00 14280.00 1340.00 1340.00 9152.06 574.00 1158.00
20 21 22 23 24 25 26 27 28	Watch and ward for every 10 ha. Of plantation x 26 days Re-Cutting of lantana/mallaha 2nd and 3rd times. 1.00 x 2= 2 Weeding hoeing i.e. 2000mtr x 3 = 6000 mtr Application of Insecticides 1000 x 2 times = 2000 Application of fertilizers (twice) 1000 x 2 times = 2000 Desilting of Tranches 1000 No x 1.50 x .35 x .25 = 131.25 Carriage of seedlings by Tractor-Trolly Carriage of seedlings by M/L lead 500mt. Loading & unloading of plants	Mtr 100 No Mtr No Mtr No Mtr 100 No	38.36 6961.00 2.38 67.00 67.00 69.73 5.74 11.58 76.37	52 2.00 6000 2000 2000 131.25 100 100	1994.72 13922.00 14280.00 1340.00 1340.00 9152.06 574.00 1158.00 76.37
20 21 22 23 24 25 26 27 28 29	Watch and ward for every 10 ha. Of plantation x 26 days Re-Cutting of lantana/mallaha 2nd and 3rd times. 1.00 x 2= 2 Weeding hoeing i.e. 2000mtr x 3 = 6000 mtr Application of Insecticides 1000 x 2 times = 2000 Application of fertilizers (twice) 1000 x 2 times = 2000 Desilting of Tranches 1000 No x 1.50 x .35 x .25 = 131.25 Carriage of seedlings by Tractor-Trolly Carriage of seedlings by M/L lead 500mt. Loading & unloading of plants Cutting of Tall Weeds 2 mtr wide (100 x 2)	Mtr 100 No 100 No Mtr No Mtr 100 No 100 No	38.36 6961.00 2.38 67.00 67.00 69.73 5.74 11.58 76.37 95.87	52 2.00 6000 2000 2000 131.25 100 100 100 200	1994.72 13922.00 14280.00 1340.00 1340.00 9152.06 574.00 1158.00 76.37 191.74
20 21 22 23 24 25 26 27 28	Watch and ward for every 10 ha. Of plantation x 26 days Re-Cutting of lantana/mallaha 2nd and 3rd times. 1.00 x 2= 2 Weeding hoeing i.e. 2000mtr x 3 = 6000 mtr Application of Insecticides 1000 x 2 times = 2000 Application of fertilizers (twice) 1000 x 2 times = 2000 Desilting of Tranches 1000 No x 1.50 x .35 x .25 = 131.25 Carriage of seedlings by Tractor-Trolly Carriage of seedlings by M/L lead 500mt. Loading & unloading of plants Cutting of Tall Weeds 2 mtr wide (100 x 2) Providing thorny protection to plants against parcupine	Mtr 100 No 100 No Mtr No Mtr 100 No 100 No	38.36 6961.00 2.38 67.00 67.00 69.73 5.74 11.58 76.37	52 2.00 6000 2000 2000 131.25 100 100	1994.72 13922.00 14280.00 1340.00 1340.00 9152.06 574.00 1158.00 76.37
20 21 22 23 24 25 26 27 28 29	Watch and ward for every 10 ha. Of plantation x 26 days Re-Cutting of lantana/mallaha 2nd and 3rd times. 1.00 x 2= 2 Weeding hoeing i.e. 2000mtr x 3 = 6000 mtr Application of Insecticides 1000 x 2 times = 2000 Application of fertilizers (twice) 1000 x 2 times = 2000 Desilting of Tranches 1000 No x 1.50 x .35 x .25 = 131.25 Carriage of seedlings by Tractor-Trolly Carriage of seedlings by M/L lead 500mt. Loading & unloading of plants Cutting of Tall Weeds 2 mtr wide (100 x 2) Providing thorny protection to plants against parcupine damage	No. Ha Mtr 100 No 100 No Mtr No Mtr 100 No 100 No	38.36 6961.00 2.38 67.00 67.00 69.73 5.74 11.58 76.37 95.87 191.70	52 2.00 6000 2000 2000 131.25 100 100 200 400	1994.72 13922.00 14280.00 1340.00 1340.00 9152.06 574.00 1158.00 76.37 191.74 766.80
20 21 22 23 24 25 26 27 28 29 30	Watch and ward for every 10 ha. Of plantation x 26 days Re-Cutting of lantana/mallaha 2nd and 3rd times. 1.00 x 2= 2 Weeding hoeing i.e. 2000mtr x 3 = 6000 mtr Application of Insecticides 1000 x 2 times = 2000 Application of fertilizers (twice) 1000 x 2 times = 2000 Desilting of Tranches 1000 No x 1.50 x .35 x .25 = 131.25 Carriage of seedlings by Tractor-Trolly Carriage of seedlings by M/L lead 500mt. Loading & unloading of plants Cutting of Tall Weeds 2 mtr wide (100 x 2) Providing thorny protection to plants against parcupine damage Re -Planting of seedlings	No. Ha Mtr 100 No 100 No Mtr No Mtr 100 No 100 mtr 100 No	38.36 6961.00 2.38 67.00 67.00 69.73 5.74 11.58 76.37 95.87 191.70	52 2.00 2000 2000 2000 131.25 100 100 200 400	1994.72 13922.00 14280.00 1340.00 1340.00 9152.06 574.00 1158.00 76.37 191.74 766.80 488.00
20 21 22 23 24 25 26 27 28 29 30	Watch and ward for every 10 ha. Of plantation x 26 days Re-Cutting of lantana/mallaha 2nd and 3rd times. 1.00 x 2= 2 Weeding hoeing i.e. 2000mtr x 3 = 6000 mtr Application of Insecticides 1000 x 2 times = 2000 Application of fertilizers (twice) 1000 x 2 times = 2000 Desilting of Tranches 1000 No x 1.50 x .35 x .25 = 131.25 Carriage of seedlings by Tractor-Trolly Carriage of seedlings by M/L lead 500mt. Loading & unloading of plants Cutting of Tall Weeds 2 mtr wide (100 x 2) Providing thorny protection to plants against parcupine damage	No. Ha Mtr 100 No 100 No Mtr No Mtr 100 No 100 mtr 100 No No No.	38.36 6961.00 2.38 67.00 67.00 69.73 5.74 11.58 76.37 95.87 191.70 4.88 3.41	52 2.00 6000 2000 2000 131.25 100 100 200 400 100 250	1994.72 13922.00 14280.00 1340.00 1340.00 9152.06 574.00 1158.00 76.37 191.74 766.80 488.00 852.50
20 21 22 23 24 25 26 27 28 29 30	Watch and ward for every 10 ha. Of plantation x 26 days Re-Cutting of lantana/mallaha 2nd and 3rd times. 1.00 x 2= 2 Weeding hoeing i.e. 2000mtr x 3 = 6000 mtr Application of Insecticides 1000 x 2 times = 2000 Application of fertilizers (twice) 1000 x 2 times = 2000 Desilting of Tranches 1000 No x 1.50 x .35 x .25 = 131.25 Carriage of seedlings by Tractor-Trolly Carriage of seedlings by M/L lead 500mt. Loading & unloading of plants Cutting of Tall Weeds 2 mtr wide (100 x 2) Providing thorny protection to plants against parcupine damage Re -Planting of seedlings	No. Ha Mtr 100 No 100 No Mtr No Mtr 100 No 100 mtr 100 No	38.36 6961.00 2.38 67.00 67.00 69.73 5.74 11.58 76.37 95.87 191.70	52 2.00 2000 2000 2000 131.25 100 100 200 400	1994.72 13922.00 14280.00 1340.00 1340.00 9152.06 574.00 1158.00 76.37 191.74 766.80 488.00

Dasuya Forest Division Dasuya

		litre	452.35	10	4523.50 12340.00
34	Insecticides including carriage	kg	61.70	200	
35	Fertilizers i.e. urea etc. including carriage	L/S			2500
36	Misc. Items (tools, etc)	L/O			19364
					232113
	Total Cost of Planting Year				23211
	Contigency 10%				255324
	Total Cost of Planting Year				
	1st Vear Maintenance	1.12	63.29	16.80	1063.23
1	Re-opening of trenches for replacement 210 x .50 m x .40 x	M3	03.27		
1	$.40 \text{m} = 16.80 \text{ m}^3$		20.01	14.70	585.25
	Refilling of trenches 210 No. x 0.50 m x 0.40 m x 0.35 m =	M3	39.81	14.70	
2	14.70 m3			7.88	498.73
	Reopening of Pits 90 x.50 x .50 x .35 = 7.88 M3	M3	63.29	7.88	313.70
3	Refilling of Pits 90 x.50 x .50 x .35 = 7.88 M3	M3	39.81	300	17901.00
4	Nursery cost of seedling	No	59.67	300	1725.00
5	Carriage of seedlings by Tractor-Trolly	No	5.75	300	34.74
6	Carriage of seedlings by M/L labour lead 500mt.	100 Mtr	11.58	300	139.11
7	Loading & unloading of plants	100 No	46.37	300	1464.00
8	Loading & unloading of plants	No	4.88	2000	4760.00
9	Re- Planting of seedlings Weeding and hoeing to trenches (Twice)	Mtr	2.38		1340.00
10	Application of insecticides (Twice)	100 No	67.00	2000	1340.00
11	Application of insecticities (Twice) Application of fertilizers (twice)	100 No	67.00	2000	30684
12	Application of fermizers (wice)	Mtr	153.42	200	13922.00
13	Repair of inspection path (Twice) Cutting of lantana/mallah etc. per ha II & III times	На	6961.00	2.00	997.36
14	Watch and ward for every 10 ha. Of plantation	No	38.36	26.00	852.50
15	Watch and ward for every 10 flat. Of plants	No.	3.41	250	90.00
16	Covering (25% Plants)	No.	0.36	250	77710.61
17	Uncovering				77710.01
				10	4523.50
	Cost of material	litre	452.35	10	6784.00
17	Insecticides including carriage Fertilizers i.e. urea etc. including carriage	kg	33.92	200	2500
18	Fertilizers i.e. urea etc. including carriage	L/S			5000
19	Misc. Items (tools, etc)	L/S			18807.50
	POL				96518.11
	Total				9651.81
					7051101
	Contigency 10%				106169.92
	Contigency 10% Total Cost of 1st Year Mtc				106169.92
	Total Cost of 1st Year Mtc	N/2	62.20	8.75	106169.92 553.79
1	Total Cost of 1st Year Mtc	M3	63.29	8.75	
1	Total Cost of 1st Year Mtc 2nd Year Maintenance Reopening of trenches for replacement 200 no x .50 m x				
	Total Cost of 1st Year Mtc 2nd Year Maintenance Reopening of trenches for replacement 200 no x .50 m x	M3 M3	63.29	8.75 8.75	553.79
1 2	Total Cost of 1st Year Mtc 2nd Year Maintenance Reopening of trenches for replacement 200 no x .50 m x .35M x .25m = 8.75 m3 Refilling of trenches 200 No. x 0.50m x 0.35m x 0.24m =	M3	39.81	8.75	553.79
2	Reopening of trenches for replacement 200 no x .50 m x .35M x .25m = 8.75 m3 Refilling of trenches 200 No. x 0.50m x 0.35m x 0.24m = 8.75 m3	M3 No	39.81 59.67	8.75	553.79 348.34
2	Reopening of trenches for replacement 200 no x .50 m x .35M x .25m = 8.75 m3 Refilling of trenches 200 No. x 0.50m x 0.35m x 0.24m = 8.75 m3	M3	39.81	8.75	553.79 348.34 11934.00
2	Total Cost of 1st Year Mtc 2nd Year Maintenance Reopening of trenches for replacement 200 no x .50 m x .35M x .25m = 8.75 m3 Refilling of trenches 200 No. x 0.50m x 0.35m x 0.24m = 8.75 m3 Nursery cost of seedling Carriage of seedlings in P bags i) M/L Average Lead 1.5	M3 No No	39.81 59.67 11.58	8.75 200 200	553.79 348.34 11934.00
3 4	Total Cost of 1st Year Mtc 2nd Year Maintenance Reopening of trenches for replacement 200 no x .50 m x .35M x .25m = 8.75 m3 Refilling of trenches 200 No. x 0.50m x 0.35m x 0.24m = 8.75 m3 Nursery cost of seedling Carriage of seedlings in P bags i) M/L Average Lead 1.5	M3 No	39.81 59.67	8.75	553.79 348.34 11934.00 2316.00
2	Total Cost of 1st Year Mtc 2nd Year Maintenance Reopening of trenches for replacement 200 no x .50 m x .35M x .25m = 8.75 m3 Refilling of trenches 200 No. x 0.50m x 0.35m x 0.24m = 8.75 m3 Nursery cost of seedling Carriage of seedlings in P bags i) M/L Average Lead 1.5 km ii) Tractor trolly average lead 15 km (1000 plants per trellin)	M3 No No No	39.81 59.67 11.58 5.75	8.75 200 200	553.79 348.34 11934.00 2316.00
2 3 4	Total Cost of 1st Year Mtc 2nd Year Maintenance Reopening of trenches for replacement 200 no x .50 m x .35M x .25m = 8.75 m3 Refilling of trenches 200 No. x 0.50m x 0.35m x 0.24m = 8.75 m3 Nursery cost of seedling Carriage of seedlings in P bags i) M/L Average Lead 1.5 km ii) Tractor trolly average lead 15 km (1000 plants per trolly) Loading & unloading of plants from T/ Trolly	M3 No No No 100 No	39.81 59.67 11.58 5.75 46.37	8.75 200 200 200	553.79 348.34 11934.00 2316.00
2 3 4 5	Total Cost of 1st Year Mtc 2nd Year Maintenance Reopening of trenches for replacement 200 no x .50 m x .35M x .25m = 8.75 m3 Refilling of trenches 200 No. x 0.50m x 0.35m x 0.24m = 8.75 m3 Nursery cost of seedling Carriage of seedlings in P bags i) M/L Average Lead 1.5 km ii) Tractor trolly average lead 15 km (1000 plants per trolly) Loading & unloading of plants from T/ Trolly	No No No 100 No No	39.81 59.67 11.58 5.75 46.37 4.88	8.75 200 200 200 200	553.79 348.34 11934.00 2316.00 1150.00
2 3 4 5 6 7	Total Cost of 1st Year Mtc 2nd Year Maintenance Reopening of trenches for replacement 200 no x .50 m x .35M x .25m = 8.75 m3 Refilling of trenches 200 No. x 0.50m x 0.35m x 0.24m = 8.75 m3 Nursery cost of seedling Carriage of seedlings in P bags i) M/L Average Lead 1.5 km ii) Tractor trolly average lead 15 km (1000 plants per trolly) Loading & unloading of plants from T/ Trolly Re -Planting of seedlings Weeding and hocing to tranches (Twice)	No No No No No No Mo No Mtr.	39.81 59.67 11.58 5.75 46.37 4.88 2.38	200 200 200 200 200 200 200	553.79 348.34 11934.00 2316.00 1150.00 92.74 976
2 3 4 5	Total Cost of 1st Year Mtc 2nd Year Maintenance Reopening of trenches for replacement 200 no x .50 m x .35M x .25m = 8.75 m3 Refilling of trenches 200 No. x 0.50m x 0.35m x 0.24m = 8.75 m3 Nursery cost of seedling Carriage of seedlings in P bags i) M/L Average Lead 1.5 km ii) Tractor trolly average lead 15 km (1000 plants per trolly) Loading & unloading of plants from T/ Trolly Re -Planting of seedlings Weeding and hoeing to tranches (Twice)	No No No No No No Mo No No No No No No No	39.81 59.67 11.58 5.75 46.37 4.88 2.38 67.00	200 200 200 200 200 200 200 2000	553.79 348.34 11934.00 2316.00 1150.00 92.74 976 4760.00
2 3 4 5 6 7 8 9	Total Cost of 1st Year Mtc 2nd Year Maintenance Reopening of trenches for replacement 200 no x .50 m x .35M x .25m = 8.75 m3 Refilling of trenches 200 No. x 0.50m x 0.35m x 0.24m = 8.75 m3 Nursery cost of seedling Carriage of seedlings in P bags i) M/L Average Lead 1.5 km ii) Tractor trolly average lead 15 km (1000 plants per trolly) Loading & unloading of plants from T/ Trolly Re -Planting of seedlings Weeding and hoeing to tranches (Twice) Application of insecticides (Twice)	No No No No No No Mo No No No No No No No Mtr. 100 No	39.81 59.67 11.58 5.75 46.37 4.88 2.38 67.00 67.00	200 200 200 200 200 200 2000 2000 2000	553.79 348.34 11934.00 2316.00 1150.00 92.74 976 4760.00 1340.00
2 3 4 5 6 7 8 9	Total Cost of 1st Year Mtc 2nd Year Maintenance Reopening of trenches for replacement 200 no x .50 m x .35M x .25m = 8.75 m3 Refilling of trenches 200 No. x 0.50m x 0.35m x 0.24m = 8.75 m3 Nursery cost of seedling Carriage of seedlings in P bags i) M/L Average Lead 1.5 km ii) Tractor trolly average lead 15 km (1000 plants per trolly) Loading & unloading of plants from T/ Trolly Re -Planting of seedlings Weeding and hoeing to tranches (Twice) Application of insecticides (Twice) Application of fertilizers (Twice)	M3 No No No 100 No Mtr. 100 No 100 No M3	39.81 59.67 11.58 5.75 46.37 4.88 2.38 67.00 67.00 153.42	200 200 200 200 200 200 2000 2000 2000	553.79 348.34 11934.00 2316.00 1150.00 92.74 976 4760.00 1340.00 1340.00
2 3 4 5 6 7 8 9	Total Cost of 1st Year Mtc 2nd Year Maintenance Reopening of trenches for replacement 200 no x .50 m x .35M x .25m = 8.75 m3 Refilling of trenches 200 No. x 0.50m x 0.35m x 0.24m = 8.75 m3 Nursery cost of seedling Carriage of seedlings in P bags i) M/L Average Lead 1.5 km ii) Tractor trolly average lead 15 km (1000 plants per trolly) Loading & unloading of plants from T/ Trolly Re -Planting of seedlings Weeding and hoeing to tranches (Twice) Application of insecticides (Twice) Application of fertilizers (Twice)	No No No No No No Mo No No No No No No No Mtr. 100 No	39.81 59.67 11.58 5.75 46.37 4.88 2.38 67.00 67.00	200 200 200 200 200 200 2000 2000 2000	553.79 348.34 11934.00 2316.00 1150.00 92.74 976 4760.00 1340.00 1340.00 30684.00
2 3 4 5 6 7 8 9 10	Total Cost of 1st Year Mtc 2nd Year Maintenance Reopening of trenches for replacement 200 no x .50 m x .35M x .25m = 8.75 m3 Refilling of trenches 200 No. x 0.50m x 0.35m x 0.24m = 8.75 m3 Nursery cost of seedling Carriage of seedlings in P bags i) M/L Average Lead 1.5 km ii) Tractor trolly average lead 15 km (1000 plants per trolly) Loading & unloading of plants from T/ Trolly Re -Planting of seedlings Weeding and hoeing to tranches (Twice) Application of insecticides (Twice) Application of fertilizers (Twice) Repair of inspection path (Twice) Lantana cutting (subsequent time 1.00 Ha) x 2 times = 2.00	M3 No No No 100 No Mtr. 100 No 100 No M3	39.81 59.67 11.58 5.75 46.37 4.88 2.38 67.00 67.00 153.42	200 200 200 200 200 200 2000 2000 2000	553.79 348.34 11934.00 2316.00 1150.00 92.74 976 4760.00 1340.00 1340.00 30684.00
2 3 4 5 6 7 8 9 10	Total Cost of 1st Year Mtc 2nd Year Maintenance Reopening of trenches for replacement 200 no x .50 m x .35M x .25m = 8.75 m3 Refilling of trenches 200 No. x 0.50m x 0.35m x 0.24m = 8.75 m3 Nursery cost of seedling Carriage of seedlings in P bags i) M/L Average Lead 1.5 km ii) Tractor trolly average lead 15 km (1000 plants per trolly) Loading & unloading of plants from T/ Trolly Re -Planting of seedlings Weeding and hoeing to tranches (Twice) Application of insecticides (Twice) Application of fertilizers (Twice) Repair of inspection path (Twice) Lantana cutting (subsequent time 1.00 Ha) x 2 times =2.00	M3 No No No 100 No Mtr. 100 No 100 No M3	39.81 59.67 11.58 5.75 46.37 4.88 2.38 67.00 67.00 153.42	200 200 200 200 200 200 2000 2000 2000	553.79 348.34 11934.00 2316.00 1150.00 92.74 976 4760.00 1340.00 30684.00 13922.00
2 3 4 5 6 7 8 9 10	Total Cost of 1st Year Mtc 2nd Year Maintenance Reopening of trenches for replacement 200 no x .50 m x .35M x .25m = 8.75 m3 Refilling of trenches 200 No. x 0.50m x 0.35m x 0.24m = 8.75 m3 Nursery cost of seedling Carriage of seedlings in P bags i) M/L Average Lead 1.5 km ii) Tractor trolly average lead 15 km (1000 plants per trolly) Loading & unloading of plants from T/ Trolly Re -Planting of seedlings Weeding and hoeing to tranches (Twice) Application of insecticides (Twice) Application of fertilizers (Twice) Repair of inspection path (Twice) Lantana cutting (subsequent time 1.00 Ha) x 2 times = 2.00 Total Cost of material	M3 No No No No 100 No No Mtr. 100 No 100 No M3 Ha	39.81 59.67 11.58 5.75 46.37 4.88 2.38 67.00 67.00 153.42 6961.00	200 200 200 200 200 200 2000 2000 2000	553.79 348.34 11934.00 2316.00 1150.00 92.74 976 4760.00 1340.00 30684.00 13922.00
2 3 4 5 6 7 8 9 10	Total Cost of 1st Year Mtc 2nd Year Maintenance Reopening of trenches for replacement 200 no x .50 m x .35M x .25m = 8.75 m3 Refilling of trenches 200 No. x 0.50m x 0.35m x 0.24m = 8.75 m3 Nursery cost of seedling Carriage of seedlings in P bags i) M/L Average Lead 1.5 km ii) Tractor trolly average lead 15 km (1000 plants per trolly) Loading & unloading of plants from T/ Trolly Re -Planting of seedlings Weeding and hoeing to tranches (Twice) Application of insecticides (Twice) Application of fertilizers (Twice) Repair of inspection path (Twice) Lantana cutting (subsequent time 1.00 Ha) x 2 times =2.00 Total Cost of material Insecticide	M3 No No No No 100 No No Mtr. 100 No 100 No M3 Ha	39.81 59.67 11.58 5.75 46.37 4.88 2.38 67.00 67.00 153.42 6961.00	200 200 200 200 200 200 2000 2000 2000	553.79 348.34 11934.00 2316.00 1150.00 92.74 976 4760.00 1340.00 30684.00 13922.00 69416.87
2 3 4 5 6 7 8 9 10 11 12	Total Cost of 1st Year Mtc 2nd Year Maintenance Reopening of trenches for replacement 200 no x .50 m x .35M x .25m = 8.75 m3 Refilling of trenches 200 No. x 0.50m x 0.35m x 0.24m = 8.75 m3 Nursery cost of seedling Carriage of seedlings in P bags i) M/L Average Lead 1.5 km ii) Tractor trolly average lead 15 km (1000 plants per trolly) Loading & unloading of plants from T/ Trolly Re -Planting of seedlings Weeding and hoeing to tranches (Twice) Application of insecticides (Twice) Application of fertilizers (Twice) Repair of inspection path (Twice) Lantana cutting (subsequent time 1.00 Ha) x 2 times = 2.00 Total Cost of material	M3 No No No No 100 No No Mtr. 100 No 100 No Ha Kg Kg	39.81 59.67 11.58 5.75 46.37 4.88 2.38 67.00 67.00 153.42 6961.00	200 200 200 200 200 200 2000 2000 2000	553.79 348.34 11934.00 2316.00 1150.00 92.74 976 4760.00 1340.00 30684.00 13922.00 69416.87
2 3 4 5 6 7 8 9 10 11 12	Total Cost of 1st Year Mtc 2nd Year Maintenance Reopening of trenches for replacement 200 no x .50 m x .35M x .25m = 8.75 m3 Refilling of trenches 200 No. x 0.50m x 0.35m x 0.24m = 8.75 m3 Nursery cost of seedling Carriage of seedlings in P bags i) M/L Average Lead 1.5 km ii) Tractor trolly average lead 15 km (1000 plants per trolly) Loading & unloading of plants from T/ Trolly Re -Planting of seedlings Weeding and hoeing to tranches (Twice) Application of insecticides (Twice) Application of fertilizers (Twice) Repair of inspection path (Twice) Lantana cutting (subsequent time 1.00 Ha) x 2 times =2.00 Total Cost of material Insecticide Fertilizers i.e. urea etc. POL	M3 No No No No 100 No No Mtr. 100 No 100 No M3 Ha	39.81 59.67 11.58 5.75 46.37 4.88 2.38 67.00 67.00 153.42 6961.00	200 200 200 200 200 200 2000 2000 2000	553.79 348.34 11934.00 2316.00 1150.00 92.74 976 4760.00 1340.00 30684.00 13922.00 69416.87
2 3 4 5 6 7 8 9 10 11 12	Total Cost of 1st Year Mtc 2nd Year Maintenance Reopening of trenches for replacement 200 no x .50 m x .35M x .25m = 8.75 m3 Refilling of trenches 200 No. x 0.50m x 0.35m x 0.24m = 8.75 m3 Nursery cost of seedling Carriage of seedlings in P bags i) M/L Average Lead 1.5 km ii) Tractor trolly average lead 15 km (1000 plants per trolly) Loading & unloading of plants from T/ Trolly Re -Planting of seedlings Weeding and hoeing to tranches (Twice) Application of insecticides (Twice) Application of fertilizers (Twice) Repair of inspection path (Twice) Lantana cutting (subsequent time 1.00 Ha) x 2 times = 2.00 Total Cost of material Insecticide Fertilizers i.e. urea etc. POL	M3 No No No No 100 No No Mtr. 100 No 100 No Ha Kg Kg	39.81 59.67 11.58 5.75 46.37 4.88 2.38 67.00 67.00 153.42 6961.00	200 200 200 200 200 200 2000 2000 2000	553.79 348.34 11934.00 2316.00 1150.00 92.74 976 4760.00 1340.00 30684.00 13922.00 69416.87 4523.50 6784.00 2000.00
2 3 4 5 6 7 8 9 10 11 12	Total Cost of 1st Year Mtc 2nd Year Maintenance Reopening of trenches for replacement 200 no x .50 m x .35M x .25m = 8.75 m3 Refilling of trenches 200 No. x 0.50m x 0.35m x 0.24m = 8.75 m3 Nursery cost of seedling Carriage of seedlings in P bags i) M/L Average Lead 1.5 km ii) Tractor trolly average lead 15 km (1000 plants per trolly) Loading & unloading of plants from T/ Trolly Re -Planting of seedlings Weeding and hoeing to tranches (Twice) Application of insecticides (Twice) Application of fertilizers (Twice) Repair of inspection path (Twice) Lantana cutting (subsequent time 1.00 Ha) x 2 times =2.00 Total Cost of material Insecticide Fertilizers i.e. urea etc. POL Total	M3 No No No No 100 No Mtr. 100 No 100 No M3 Ha	39.81 59.67 11.58 5.75 46.37 4.88 2.38 67.00 67.00 153.42 6961.00	200 200 200 200 200 200 2000 2000 2000	553.79 348.34 11934.00 2316.00 1150.00 92.74 976 4760.00 1340.00 30684.00 13922.00 69416.87 4523.50 6784.00 2000.00 13307.50
2 3 4 5 6 7 8 9 10 11 12	Total Cost of 1st Year Mtc 2nd Year Maintenance Reopening of trenches for replacement 200 no x .50 m x .35M x .25m = 8.75 m3 Refilling of trenches 200 No. x 0.50m x 0.35m x 0.24m = 8.75 m3 Nursery cost of seedling Carriage of seedlings in P bags i) M/L Average Lead 1.5 km ii) Tractor trolly average lead 15 km (1000 plants per trolly) Loading & unloading of plants from T/ Trolly Re -Planting of seedlings Weeding and hoeing to tranches (Twice) Application of insecticides (Twice) Application of fertilizers (Twice) Repair of inspection path (Twice) Lantana cutting (subsequent time 1.00 Ha) x 2 times = 2.00 Total Cost of material Insecticide Fertilizers i.e. urea etc. POL	M3 No No No No 100 No No Mtr. 100 No 100 No Ha Kg Kg L/S	39.81 59.67 11.58 5.75 46.37 4.88 2.38 67.00 67.00 153.42 6961.00	200 200 200 200 200 200 2000 2000 2000	553.79 348.34 11934.00 2316.00 1150.00 92.74 976 4760.00 1340.00 30684.00 13922.00 69416.87 4523.50 6784.00 2000.00 13307.50 82724.37

Dasuya Forest Division Dasuya

	eopening of trenches for replacement 100 no .50m x .35 x .25m = 4.38 M3	M3	63.29	4.38	277.21
2 R	efilling of trenches 100 No. x 0.50m x 0.35m x 0.25m = .38 M3	М3	39.81	4.38	174.37
3 N	lursery cost of seedling	No	59.67	100	5967.00
	Carriage of seedlings by mannual labour lead 500mt.	100 Mtr.	11.58	100	1158.00
	coading & unloading of plants from T/ Trolly	100 No	46.37	100	46.37
6 ii	i) Tractor trolly average lead 15 km (1000 plants per rolly)	No	5.75	100	575.00
	Re-Planting of seedlings	No	4.88	100	488.00
	Repair of Barwed Wire fence in hills	100 Mtr	122.52	3900	4778
	Weeding and hoeing to tranches (Twice)	Mtr.	2.38	2000	4760.00
10	Cutting of lantana/mallaha IInd and IIIrd times.	На	6961.00	1.40	9745.40
	Application of fertilizers	100 No	67.00	1000	670.00
	Repair of inspection path (Twice)	Mtr	153.42	200	30684.00
	Pruning of plants	No.	10.00	125	1250.00
14	Jungle Clearance i.e. Bhang, Jhau tall weed etc.	No.	6276.10	0.2	1255.22
	Total				61828.81
1.5	Cost of material	ļ.,	22.02	20.00	0.40.77
15	Fertilizers i.e. urea etc.	Kg	33.92	28.00	949.76
	Total Cost of 3nd maintenance				949.76 62778.57
	Contigency 10%				6277.86
	SubTotal Cost of 3rd year maintenance				69056.43
	4th Year Maintenance				07000110
1	Watch and ward for every 10 ha. Of plantation	No	38.36	26.00	997.36
	Total				997.36
	5th Year Maintenance				
1	Watch and ward for every 10 ha. Of plantation	No	38.36	26.00	997.36
	Total				997.36
1	6th Year Maintenance		20.25	24.00	
1	Watch and ward for every 10 ha. Of plantation Total	No	38.36	26.00	997.36
	7th Year Maintenance				997.36
1	Watch and ward for every 10 ha. Of plantation	No	38.36	26.00	997.36
	Total	140	36.30	20.00	997.36
	8th Year Maintenance				777.50
1	Watch and ward for every 10 ha. Of plantation	No	38.36	26.00	997.36
	Total				997.36
	9th Year Maintenance				
1	Watch and ward for every 10 ha. Of plantation	No	38.36	26.00	997.36
	Total				997.36
1	10th Year Maintenance Watch and ward for every 10 ha. Of plantation	No	29.26	26.00	
1	Total	No	38.36	26.00	997.36
	ABSTRACT				997.36
1	Total Cost On Plantation Works				255324,38
2	Total Cost of 1st year Maintenance				
3	Total Cost of 2nd year Maintenance				106169.92
4	Total Cost of 3rd year Maintenance				90996.80
5	Total Cost of 4th year Maintenance				69056.43
6	Total Cost of 5th year Maintenance				997.36
7	Total Cost of 5th year Maintenance				997.36
8	Total Cost of 7th year Maintenance) lin		997.36
9	Total Cost of 8th year Maintenance	Anja	in Singh	000	997.36
10	The state of the s				
11					
	Total Cost of 10th year Maintenance G.Total				
	Comp. Aff. Scheme for 1.00 Ha.				
				0.0	528529.06
	Scheme Details			Or Say	528529.00

			G. Total	4652997.05
Total of NPV & Penal NPV	Rs			3202438.6
Simple Interest 12% on 2 times Penal NPV amount for 4 ye X 12% X 4.8)	ar 8 Month	1 (1542000.4.		000330.0
2 time Penal NPV amount (771300*2= 1542600)	ha	(1542600.4		888538.0
2 din Para NEW (77120092 1542400)	l			1542600.4
Net Present Value	На.	0.8053	957780.00	771300.2
Total of CA and 2Time Penal CA area is	RS	2.5432		1450558.41
area. Ha 0.53 ha (0.2650 x 2 = 0.53 ha)				
Cost of per Ha. For 7-10 Year 2 Times Penal CA violated	Rs	0.53	528529.00	280120.37
Total of CA & Entry Point Activity	Rs			1170438.04
Entry Point Activity @ 10%	Rs			106403.46
Compensatory afforestationscheme 0.8053 ha x 2.5 = 2.0132 ha	Rs	2.0132	528529.00	1064034.58

AnjaniSingh Forest Officer.
Divisional Forest Officer
Dasuva Forest Division Dasuya