COMPENSATORY AFFORESTATION SCHEME
FOR ±800 KV RAIGARH-PUGALUR TRANSMISSION LINE (PART-III) PROJECT
Model No. 3

Division: Central Chanda, Chandrapur
Range: Pombhurna
Round: Ghosari
Beat: Ghosari
Copmartment No. : 589

Total Area (Ha.): 20
Spacement - 3.00m x 3.00m
Size of pits - 0.45 x 0.45 x 0.45 m
No. of seedlings - 1111 per ha.
Wages (Rs.): 327.56
Periferal Length (meter): 2400

Sr. No.	Particulars of works	Expenditure per ha.				Expenditure for 20 ha.			
		Man days	Wages	Material supply	Total (Rs. Per Ha.)	Man days	Wages	Material supply	Total (Rs. Per Ha.)
A. Pre Monsoon Works (PPO/PYO)									
1	**a. Survey and demarcation**	1.00	327.56	50.00	377.56	20.00	6551.20	1000.00	7551.20
	b. Preparation of treatment map (100 m 50 m grid)	1.00	327.56	50.00	377.56	20.00	6551.20	1000.00	7551.20
	c. Clearing of bushes and preparation of site (As per requirement)	10.00	3275.60	50.00	3325.60	200.00	65512.00	1000.00	66512.00
2	Soil and moisture conservation works includidng collection of rubbles from area upto 30 m etc.	31.00	10154.36	0.00	10154.36	620.00	203087.20	0.00	203087.20
3	Alignment of 1200 rmt of CCT at 8.00 m spacement) (0.25 M.D per 100 rmt and M&S. Rs. 40 per 100 rmt).	3.00	982.68	100.00	1082.68	60.00	19653.60	2000.00	21653.60
4	Digging of CCT of size 60 cm width and 45 cm depth including stacking of soil at down word slope (1200 rmt per ha. - 0.15 per rmt)	183.60	60140.02	0.00	60140.02	3672.00	1202800.32	0.00	1202800.32
5	**Chainlink And Fencing 2400 Mtr 850 per rmt**	2400 Rmt @ Rs. 850/- Per Rmt							2040000.00
6	Alignment of pits at 3.0 x 3.0 m spacement 1111 pits per ha (Wages 0.13 M.D and MS. Rs. 2.24 per 50 pits)	2.89	946.65	50.00	996.65	57.80	18932.97	1000.00	19932.97
7	Digging of pits of 0.45 x 0.45 x 0.45 m size 1111 pits per ha (6.60 M.D. per 100 pits)	73.33	24019.97	0.00	24019.97	1466.60	480399.50	0.00	480399.50
	Total	**305.82**	**100174.40**	**300.00**	**100474.40**	**6116.40**	**2003487.98**	**6000.00**	**4049487.98**
	Contingency 3%								121484.64
	Labour Welfare 4%								161979.52
	Grand Total	**305.82**	**100174.40**	**300.00**	**100474.40**	**6116.40**	**2003487.98**	**6000.00**	**4332952.14**

B. First Year Operation									
1	Purchesing Tall Plants 1111 per Ha. @250 Per Plant	0.00	0.00	277750.00	277750.00	0.00	0.00	5555000.00	5555000.00
2	Refiling of pits with good quality soil a) 1.66 MD per100 pits b) 20% soil replacement , 20 cum per ha Rs 300 per cum c) Filling 5% farm yard manure in pits 5cum per ha Rs.700 per cum	18.44	6040.21	9500.00	15540.21	368.80	120804.13	190000.00	310804.13
3	Sowing of seeds on CCT1200 rmt 5 kg per ha @ Rs 50 per Kg	12.00	3930.72	325.00	4255.72	240.00	78614.40	6500.00	85114.40
4	Removal of weeds from CCT (1.20 MD per 100 rmt)	14.40	4716.86	0.00	4716.86	288.00	94337.28	0.00	94337.28
5	Planting of seedling 1111 per ha (1MD per 100 seedling)	19.11	6259.67	0.00	6259.67	382.20	125193.43	0.00	125193.43
6	3 weedings and two soil workings 3.5 MD per 100 seedlings fertilizers application Rs 0.45 per seedling)	38.88	12735.53	650.00	13385.53	777.60	254710.66	13000.00	267710.66
7	Purchrsing 10% Casualty Plants 111 @250 per plant	0.00	0.00	27750.00	27750.00	0.00	0.00	555000.00	555000.00
8	Casualty replacement (20% 222 seedling per ha) (2 M.D per 100 seedlings)	4.44	1454.37	0.00	1454.37	88.80	29087.33	0.00	29087.33
9	Watch and ward (10 months) 1 watcher per 10 ha	30.00	9826.80	0.00	9826.80	600.00	196536.00	0.00	196536.00
10	Fire tracing	2.00	655.12	0.00	655.12	40.00	13102.40	0.00	13102.40
	Total	**139.27**	**45619.28**	**315975.00**	**361594.28**	**2785.40**	**912385.62**	**6319500.00**	**7231885.62**
	Contingency 3%								216956.57
	Labour Welfare 4%								289275.42
	Grand Total	**139.27**	**45619.28**	**315975.00**	**361594.28**	**2785.40**	**912385.62**	**6319500.00**	**7738117.62**
C. Second Year Operation									
1	Purchesing Tall Plants for 10% Casualty @250 Per Plant	0.00	0.00	27750.00	27750.00	0.00	0.00	555000.00	555000.00
2	2 weeding and 1 soil working, with fertilizer application at Rs. 0.45 per seedling	27.77	9096.34	650.00	9746.34	555.40	181926.82	13000.00	194926.82
3	Casualty replacement (20% 222 seedling per ha) (2 M.D per 100 seedlings)	4.44	1454.37	0.00	1454.37	88.80	29087.33	0.00	29087.33
4	Watch and ward 12 months 1 watcher 10.00 ha	36.50	11955.94	0.00	11955.94	730.00	239118.80	0.00	239118.80
5	Fire tracing	2.00	655.12	0.00	655.12	40.00	13102.40	0.00	13102.40
	Total	**70.71**	**23161.77**	**28400.00**	**51561.77**	**1414.20**	**463235.35**	**568000.00**	**1031235.35**
	Contingency 3%								30937.06
	Labour Welfare 4%								41249.41
	Grand Total	**70.71**	**23161.77**	**28400.00**	**51561.77**	**1414.20**	**463235.35**	**568000.00**	**1103421.83**
D. Third Year Operations									
1	One weeding. 1 soil working (1.50MD per 100 seedlings)	16.67	5460.43	0.00	5460.43	333.40	109208.50	0.00	109208.50
2	Watch and ward 12 months 1 watcher 10.00 ha	36.50	11955.94	0.00	11955.94	730.00	239118.80	0.00	239118.80
3	Fire trenching	2.00	655.12	0.00	655.12	40.00	13102.40	0.00	13102.40
	Total	**55.17**	**18071.49**	**0.00**	**18071.49**	**1103.40**	**361429.70**	**0.00**	**361429.70**
	Contingency 3%								10842.89
	Labour Welfare 4%								14457.19
	Grand Total	**55.17**	**18071.49**	**0.00**	**18071.49**	**1103.40**	**361429.70**	**0.00**	**386729.78**

E. Fourth Year Operations									
1	Fire trenching	2.00	655.12	0.00	655.12	40.00	13102.40	0.00	13102.40
2	Watch and ward 12 months 1 watcher 10.00 ha	36.50	11955.94	0.00	11955.94	730.00	239118.80	0.00	239118.80
	Total	**38.50**	**12611.06**	**0.00**	**12611.06**	**770.00**	**252221.20**	**0.00**	**252221.20**
	Contingency 3%								7566.64
	Labour Welfare 4%								10088.85
	Grand Total	**38.50**	**12611.06**	**0.00**	**12611.06**	**770.00**	**252221.20**	**0.00**	**269876.68**
F. Fifth Year Operations									
1	Fire trenching	2.00	655.12	0.00	655.12	40.00	13102.40	0.00	13102.40
2	Watch and ward 12 months 1 watcher 10.00 ha	36.50	11955.94	0.00	11955.94	730.00	239118.80	0.00	239118.80
	Total	**38.50**	**12611.06**	**0.00**	**12611.06**	**770.00**	**252221.20**	**0.00**	**252221.20**
	Contingency 3%							7566.64	7566.64
	Labour Welfare 4%							10088.85	10088.85
	Grand Total	**38.50**	**12611.06**	**0.00**	**12611.06**	**770.00**	**252221.20**	**17655.48**	**269876.68**
G. Sixth Year Operations.									
1	Fire trenching	2.00	655.12	0.00	655.12	40.00	13102.40	0.00	13102.40
2	Watch and ward 12 months 1 watcher 10.00 ha	36.50	11955.94	0.00	11955.94	730.00	239118.80	0.00	239118.80
	Total	**38.50**	**12611.06**	**0.00**	**12611.06**	**770.00**	**252221.20**	**0.00**	**252221.20**
	Contingency 3%								7566.64
	Labour Welfare 4%								10088.85
	Grand Total	**38.50**	**12611.06**	**0.00**	**12611.06**	**770.00**	**252221.20**	**0.00**	**269876.68**
H. Seventh Year Operations									
1	Fire trenching	2.00	655.12	0.00	655.12	40.00	13102.40	0.00	13102.40
2	Watch and ward 12 months 1 watcher 10.00 ha	36.50	11955.94	0.00	11955.94	730.00	239118.80	0.00	239118.80
	Total	**38.50**	**12611.06**	**0.00**	**12611.06**	**770.00**	**252221.20**	**0.00**	**252221.20**
	Contingency 3%								7566.64
	Labour Welfare 4%								10088.85
	Grand Total	**38.50**	**12611.06**	**0.00**	**12611.06**	**770.00**	**252221.20**	**0.00**	**269876.68**

Dy. Conservator of Forests
Central Chanda Division,
Chandrapur

Range Forest Officer
Pombhurna

ABSTRACT

Sr. No.	Year of Operation	Expenditure per ha.				Expenditure for 20 ha.						
		Man days	Wages	Material supply	Total (Rs. Per Ha.)	Man days	Wages	Material supply	Total (Rs.)	Contingency 3%	Labour Welfare 4%	Grand Total
1	Pre-Monsoon works	305.82	100174.3992	300	100474.3992	6116.4	2003487.984	6000	4049487.984	121484.6395	161979.5194	4332952.143
2	First Year Operation	139.27	45619.28	315975.00	361594.28	2785.40	912385.62	6319500.00	7231885.62	216956.5687	289275.425	7738117.618
3	Second Year Operation	70.71	23161.77	28400.00	51561.77	1414.20	463235.35	568000.00	1031235.35	30937.06056	41249.41408	1103421.827
4	Third Year Operation	55.17	18071.49	0.00	18071.49	1103.40	361429.70	0.00	361429.70	10842.89112	14457.18816	386729.7833
5	Fourth Year Operation	38.50	12611.06	0.00	12611.06	770.00	252221.20	0.00	252221.20	7566.636	10088.848	269876.684
6	Fifth Year Operation	38.50	12611.06	0.00	12611.06	770.00	252221.20	0.00	252221.20	7566.636	10088.848	269876.684
7	Sixth Year Operation	38.50	12611.06	0.00	12611.06	770.00	252221.20	0.00	252221.20	7566.636	10088.848	269876.684
8	Seventh Year Operation.	38.50	12611.06	0.00	12611.06	770.00	252221.20	0.00	252221.20	7566.636	10088.848	269876.684
											Grand Total Total	14640728.11

Dy. Conservator of Forests
Central Chanda Division,
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COMPENSATORY AFFORESTATION SCHEME
FOR ±800 KV RAIGARH-PUGALUR TRANSMISSION LINE (PART-III) PROJECT
Model No. 3

Division: Central Chanda, Chandrapur
Range: Pombhurna
Round: Ghosari
Beat: Pipari (Dixit)
Copmartment No. : 543

Total Area (Ha.): 80
Spacement - 3.00m x 3.00m
Size of pits - 0.45 x 0.45 x 0.45 m
No. of seedlings - 1111 per ha.
Wages (Rs.): 327.56
Periferal Length (meter): 4400

Sr. No.	Particulars of works	Expenditure per ha.				Expenditure for 80 ha.			
		Man days	Wages	Material supply	Total (Rs. Per Ha.)	Man days	Wages	Material supply	Total (Rs. Per Ha.)
A. Pre Monsoon Works (PPO/PYO)									
1	**a. Survey and demarcation**	1.00	327.56	50.00	377.56	80.00	26204.80	4000.00	30204.80
	b. Preparation of treatment map (100 m 50 m grid)	1.00	327.56	50.00	377.56	80.00	26204.80	4000.00	30204.80
	c. Clearing of bushes and preparation of site (As per requirement)	10.00	3275.60	50.00	3325.60	800.00	262048.00	4000.00	266048.00
2	Soil and moisture conservation works includidng collection of rubbles from area upto 30 m etc.	31.00	10154.36	0.00	10154.36	2480.00	812348.80	0.00	812348.80
3	Alignment of 1200 rmt of CCT at 8.00 m spacement) (0.25 M.D per 100 rmt and M&S. Rs. 40 per 100 rmt).	3.00	982.68	100.00	1082.68	240.00	78614.40	8000.00	86614.40
4	Digging of CCT of size 60 cm width and 45 cm depth including stacking of soil at down word slope (1200 rmt per ha. - 0.15 per rmt)	183.60	60140.02	0.00	60140.02	14688.00	4811201.28	0.00	4811201.28
5	**Chainling And Fencing 4400 Mtr 850 per rmt**	4400 Rmt @ Rs. 850/- Per Rmt							3740000.00
6	Alignment of pits at 3.0 x 3.0 m spacement 1111 pits per ha (Wages 0.13 M.D and MS. Rs. 2.24 per 50 pits)	2.89	946.65	50.00	996.65	231.20	75731.87	4000.00	79731.87
7	Digging of pits of 0.45 x 0.45 x 0.45 m size 1111 pits per ha (6.60 M.D. per 100 pits)	73.33	24019.97	0.00	24019.97	5866.40	1921597.98	0.00	1921597.98
	Total	**305.82**	**100174.40**	**300.00**	**100474.40**	**24465.60**	**8013951.94**	**24000.00**	**11777951.94**
	Contingency 3%								353338.56
	Labour Welfare 4%								471118.08
	Grand Total	**305.82**	**100174.40**	**300.00**	**100474.40**	**24465.60**	**8013951.94**	**24000.00**	**12602408.57**

	B. First Year Operation								
1	Purchesing Tall Plants 1111 per Ha. @250 Per Plant	0.00	0.00	277750.00	277750.00	0.00	0.00	22220000.00	22220000.00
2	Refiling of pits with good quality soil a) 1.66 MD per100 pits b) 20% soil replacement , 20 cum per ha Rs 300 per cum c) Filling 5% farm yard manure in pits 5cum per ha Rs.700 per cum	18.44	6040.21	9500.00	15540.21	1475.20	483216.51	760000.00	1243216.51
3	Sowing of seeds on CCT1200 rmt 5 kg per ha @ Rs 50 per Kg	12.00	3930.72	325.00	4255.72	960.00	314457.60	26000.00	340457.60
4	Removal of weeds from CCT (1.20 MD per 100 rmt)	14.40	4716.86	0.00	4716.86	1152.00	377349.12	0.00	377349.12
5	Planting of seedling 1111 per ha (1MD per 100 seedling)	19.11	6259.67	0.00	6259.67	1528.80	500773.73	0.00	500773.73
6	3 weedings and two soil workings 3.5 MD per 100 seedlings fertilizers application Rs 0.45 per seedling)	38.88	12735.53	650.00	13385.53	3110.40	1018842.62	52000.00	1070842.62
7	Purchrsing 10% Casualty Plants 111 @250 per plant	0.00	0.00	27750.00	27750.00	0.00	0.00	2220000.00	2220000.00
8	Casualty replacement (20% 222 seedling per ha) (2 M.D per 100 seedlings)	4.44	1454.37	0.00	1454.37	355.20	116349.31	0.00	116349.31
9	Watch and ward (10 months) 1 watcher per 10 ha	30.00	9826.80	0.00	9826.80	2400.00	786144.00	0.00	786144.00
10	Fire tracing	2.00	655.12	0.00	655.12	160.00	52409.60	0.00	52409.60
	Total	**139.27**	**45619.28**	**315975.00**	**361594.28**	**11141.60**	**3649542.50**	**25278000.00**	**28927542.50**
	Contingency 3%								867826.27
	Labour Welfare 4%								1157101.70
	Grand Total	**139.27**	**45619.28**	**315975.00**	**361594.28**	**11141.60**	**3649542.50**	**25278000.00**	**30952470.47**
	C. Second Year Operation								
1	Purchesing Tall Plants for 10% Casualty @250 Per Plant	0.00	0.00	27750.00	27750.00	0.00	0.00	2220000.00	2220000.00
2	2 weeding and 1 soil working, with fertilizer application at Rs. 0.45 per seedling	27.77	9096.34	650.00	9746.34	2221.60	727707.30	52000.00	779707.30
3	Casualty replacement (20% 222 seedling per ha) (2 M.D per 100 seedlings)	4.44	1454.37	0.00	1454.37	355.20	116349.31	0.00	116349.31
4	Watch and ward 12 months 1 watcher 10.00 ha	36.50	11955.94	0.00	11955.94	2920.00	956475.20	0.00	956475.20
5	Fire tracing	2.00	655.12	0.00	655.12	160.00	52409.60	0.00	52409.60
	Total	**70.71**	**23161.77**	**28400.00**	**51561.77**	**5656.80**	**1852941.41**	**2272000.00**	**4124941.41**
	Contingency 3%								123748.24
	Labour Welfare 4%								164997.66
	Grand Total	**70.71**	**23161.77**	**28400.00**	**51561.77**	**5656.80**	**1852941.41**	**2272000.00**	**4413687.31**
	D. Third Year Operations								
1	One weeding. 1 soil working (1.50MD per 100 seedlings)	16.67	5460.43	0.00	5460.43	1333.60	436834.02	0.00	436834.02
2	Watch and ward 12 months 1 watcher 10.00 ha	36.50	11955.94	0.00	11955.94	2920.00	956475.20	0.00	956475.20
3	Fire trenching	2.00	655.12	0.00	655.12	160.00	52409.60	0.00	52409.60
	Total	**55.17**	**18071.49**	**0.00**	**18071.49**	**4413.60**	**1445718.82**	**0.00**	**1445718.82**
	Contingency 3%								43371.56
	Labour Welfare 4%								57828.75
	Grand Total	**55.17**	**18071.49**	**0.00**	**18071.49**	**4413.60**	**1445718.82**	**0.00**	**1546919.13**

E. Fourth Year Operations									
1	Fire trenching	2.00	655.12	0.00	655.12	160.00	52409.60	0.00	52409.60
2	Watch and ward 12 months 1 watcher 10.00 ha	36.50	11955.94	0.00	11955.94	2920.00	956475.20	0.00	956475.20
	Total	**38.50**	**12611.06**	**0.00**	**12611.06**	**3080.00**	**1008884.80**	**0.00**	**1008884.80**
	Contingency 3%								30266.54
	Labour Welfare 4%								40355.39
	Grand Total	**38.50**	**12611.06**	**0.00**	**12611.06**	**3080.00**	**1008884.80**	**0.00**	**1079506.74**
F. Fifth Year Operations									
1	Fire trenching	2.00	655.12	0.00	655.12	160.00	52409.60	0.00	52409.60
2	Watch and ward 12 months 1 watcher 10.00 ha	36.50	11955.94	0.00	11955.94	2920.00	956475.20	0.00	956475.20
	Total	**38.50**	**12611.06**	**0.00**	**12611.06**	**3080.00**	**1008884.80**	**0.00**	**1008884.80**
	Contingency 3%							30266.54	30266.54
	Labour Welfare 4%							40355.39	40355.39
	Grand Total	**38.50**	**12611.06**	**0.00**	**12611.06**	**3080.00**	**1008884.80**	**70621.94**	**1079506.74**
G. Sixth Year Operations.									
1	Fire trenching	2.00	655.12	0.00	655.12	160.00	52409.60	0.00	52409.60
2	Watch and ward 12 months 1 watcher 10.00 ha	36.50	11955.94	0.00	11955.94	2920.00	956475.20	0.00	956475.20
	Total	**38.50**	**12611.06**	**0.00**	**12611.06**	**3080.00**	**1008884.80**	**0.00**	**1008884.80**
	Contingency 3%								30266.54
	Labour Welfare 4%								40355.39
	Grand Total	**38.50**	**12611.06**	**0.00**	**12611.06**	**3080.00**	**1008884.80**	**0.00**	**1079506.74**
H. Seventh Year Operations									
1	Fire trenching	2.00	655.12	0.00	655.12	160.00	52409.60	0.00	52409.60
2	Watch and ward 12 months 1 watcher 10.00 ha	36.50	11955.94	0.00	11955.94	2920.00	956475.20	0.00	956475.20
	Total	**38.50**	**12611.06**	**0.00**	**12611.06**	**3080.00**	**1008884.80**	**0.00**	**1008884.80**
	Contingency 3%								30266.54
	Labour Welfare 4%								40355.39
	Grand Total	**38.50**	**12611.06**	**0.00**	**12611.06**	**3080.00**	**1008884.80**	**0.00**	**1079506.74**

Dy. Conservator of Forests
Central Chanda Division,
Chandrapur

Range Forest Officer
Pombhurna

ABSTRACT

Sr. No.	Year of Operation	Expenditure per ha.				Expenditure for 80 ha.						
		Man days	Wages	Material supply	Total (Rs. Per Ha.)	Man days	Wages	Material supply	Total (Rs.)	Contingency 3%	Labour Welfare 4%	Grand Total
1	Pre-Monsoon works	305.82	100174.3992	300	100474.3992	24465.6	8013951.936	24000	11777951.94	353338.5581	471118.0774	12602408.57
2	First Year Operation	139.27	45619.28	315975.00	361594.28	11141.60	3649542.50	25278000.00	28927542.50	867826.2749	1157101.7	30952470.47
3	Second Year Operation	70.71	23161.77	28400.00	51561.77	5656.80	1852941.41	2272000.00	4124941.41	123748.2422	164997.6563	4413687.307
4	Third Year Operation	55.17	18071.49	0.00	18071.49	4413.60	1445718.82	0.00	1445718.82	43371.56448	57828.75264	1546919.133
5	Fourth Year Operation	38.50	12611.06	0.00	12611.06	3080.00	1008884.80	0.00	1008884.80	30266.544	40355.392	1079506.736
6	Fifth Year Operation	38.50	12611.06	0.00	12611.06	3080.00	1008884.80	0.00	1008884.80	30266.544	40355.392	1079506.736
7	Sixth Year Operation	38.50	12611.06	0.00	12611.06	3080.00	1008884.80	0.00	1008884.80	30266.544	40355.392	1079506.736
8	Seventh Year Operation	38.50	12611.06	0.00	12611.06	3080.00	1008884.80	0.00	1008884.80	30266.544	40355.392	1079506.736
											Grand Total Total	53833512.43

Dy. Conservator of Forests
Central Chanda Division,
Chandrapur

Chandshi
Range Forest Officer
Pombhurna

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COMPENSATORY AFFORESTATION SCHEME
FOR ±800 KV RAIGARH-PUGALUR TRANSMISSION LINE (PART-III) PROJECT
Model No. 3

105

Division: Central Chanda, Chandrapur
Range: Pombhurna
Round: Ghosari
Beat: Navegaon (Bu.)
Copmartment No. : 586

Total Area (Ha.): 86
Spacement - 3.00m x 3.00m
Size of pits - 0.45 x 0.45 x 0.45 m
No. of seedlings - 1111 per ha.
Wages (Rs.): 327.56
Periferal Length (meter): 4400

Sr. No.	Particulars of works	Expenditure per ha.				Expenditure for 86 ha.			
		Man days	Wages	Material supply	Total (Rs. Per Ha.)	Man days	Wages	Material supply	Total (Rs. Per Ha.)
A. Pre Monsoon Works (PPO/PYO)									
1	a. Survey and demarcation	1.00	327.56	50.00	377.56	86.00	28170.16	4300.00	32470.16
	b. Preparation of treatment map (100 m 50 m grid)	1.00	327.56	50.00	377.56	86.00	28170.16	4300.00	32470.16
	c. Clearing of bushes and preparation of site (As per requirement)	10.00	3275.60	50.00	3325.60	860.00	281701.60	4300.00	286001.60
2	Soil and moisture conservation works includidng collection of rubbles from area upto 30 m etc.	31.00	10154.36	0.00	10154.36	2666.00	873274.96	0.00	873274.96
3	Alignment of 1200 rmt of CCT at 8.00 m spacement) (0.25 M.D per 100 rmt and M&S. Rs. 40 per 100 rmt).	3.00	982.68	100.00	1082.68	258.00	84510.48	8600.00	93110.48
4	Digging of CCT of size 60 cm width and 45 cm depth including stacking of soil at down word slope (1200 rmt per ha. - 0.15 per rmt)	183.60	60140.02	0.00	60140.02	15789.60	5172041.38	0.00	5172041.38
5	Chainlink And Fencing 4400 Mtr 850 per rmt	4400 Rmt @ Rs. 850/- Per Rmt							3740000.00
6	Alignment of pits at 3.0 x 3.0 m spacement 1111 pits per ha (Wages 0.13 M.D and MS. Rs. 2.24 per 50 pits)	2.89	946.65	50.00	996.65	248.54	81411.76	4300.00	85711.76
7	Digging of pits of 0.45 x 0.45 x 0.45 m size 1111 pits per ha (6.60 M.D. per 100 pits)	73.33	24019.97	0.00	24019.97	6306.38	2065717.83	0.00	2065717.83
	Total	**305.82**	**100174.40**	**300.00**	**100474.40**	**26300.52**	**8614998.33**	**25800.00**	**12380798.33**
	Contingency 3%								371423.95
	Labour Welfare 4%								495231.93
	Grand Total	**305.82**	**100174.40**	**300.00**	**100474.40**	**26300.52**	**8614998.33**	**25800.00**	**13247454.21**

B. First Year Operation									
1	Purchesing Tall Plants 1111 per Ha. @250 Per Plant	0.00	0.00	277750.00	277750.00	0.00	0.00	23886500.00	23886500.00
2	Refiling of pits with good quality soil a) 1.66 MD per100 pits b) 20% soil replacement , 20 cum per ha Rs 300 per cum c) Filling 5% farm yard manure in pits 5cum per ha Rs.700 per cum	18.44	6040.21	9500.00	15540.21	1585.84	519457.75	817000.00	1336457.75
3	Sowing of seeds on CCT1200 rmt 5 kg per ha @ Rs 50 per Kg	12.00	3930.72	325.00	4255.72	1032.00	338041.92	27950.00	365991.92
4	Removal of weeds from CCT (1.20 MD per 100 rmt)	14.40	4716.86	0.00	4716.86	1238.40	405650.30	0.00	405650.30
5	Planting of seedling 1111 per.ha (1MD per 100 seedling)	19.11	6259.67	0.00	6259.67	1643.46	538331.76	0.00	538331.76
6	3 weedings and two soil workings 3.5 MD per 100 seedlings fertilizers application Rs 0.45 per seedling)	38.88	12735.53	650.00	13385.53	3343.68	1095255.82	55900.00	1151155.82
7	Purchrsing 10% Casualty Plants 111 @250 per plant	0.00	0.00	27750.00	27750.00	0.00	0.00	2386500.00	2386500.00
8	Casualty replacement (20% 222 seedling per ha) (2 M.D per 100 seedlings)	4.44	1454.37	0.00	1454.37	381.84	125075.51	0.00	125075.51
9	Watch and ward (10 months) 1 watcher per 10 ha	30.00	9826.80	0.00	9826.80	2580.00	845104.80	0.00	845104.80
10	Fire tracing	2.00	655.12	0.00	655.12	172.00	56340.32	0.00	56340.32
	Total	**139.27**	**45619.28**	**315975.00**	**361594.28**	**11977.22**	**3923258.18**	**27173850.00**	**31097108.18**
	Contingency 3%								932913.25
	Labour Welfare 4%								1243884.33
	Grand Total	**139.27**	**45619.28**	**315975.00**	**361594.28**	**11977.22**	**3923258.18**	**27173850.00**	**33273905.76**
C. Second Year Operation									
1	Purchesing Tall Plants for 10% Casualty @250 Per Plant	0.00	0.00	27750.00	27750.00	0.00	0.00	2386500.00	2386500.00
2	2 weeding and 1 soil working, with fertilizer application at Rs. 0.45 per seedling	27.77	9096.34	650.00	9746.34	2388.22	782285.34	55900.00	838185.34
3	Casualty replacement (20% 222 seedling per ha) (2 M.D per 100 seedlings)	4.44	1454.37	0.00	1454.37	381.84	125075.51	0.00	125075.51
4	Watch and ward 12 months 1 watcher 10.00 ha	36.50	11955.94	0.00	11955.94	3139.00	1028210.84	0.00	1028210.84
5	Fire tracing	2.00	655.12	0.00	655.12	172.00	56340.32	0.00	56340.32
	Total	**70.71**	**23161.77**	**28400.00**	**51561.77**	**6081.06**	**1991912.01**	**2442400.00**	**4434312.01**
	Contingency 3%								133029.36
	Labour Welfare 4%								177372.48
	Grand Total	**70.71**	**23161.77**	**28400.00**	**51561.77**	**6081.06**	**1991912.01**	**2442400.00**	**4744713.85**
D. Third Year Operations									
1	One weeding. 1 soil working (1.50MD per 100 seedlings)	16.67	5460.43	0.00	5460.43	1433.62	469596.57	0.00	469596.57
2	Watch and ward 12 months 1 watcher 10.00 ha	36.50	11955.94	0.00	11955.94	3139.00	1028210.84	0.00	1028210.84
3	Fire trenching	2.00	655.12	0.00	655.12	172.00	56340.32	0.00	56340.32
	Total	**55.17**	**18071.49**	**0.00**	**18071.49**	**4744.62**	**1554147.73**	**0.00**	**1554147.73**
	Contingency 3%								46624.43
	Labour Welfare 4%								62165.91
	Grand Total	**55.17**	**18071.49**	**0.00**	**18071.49**	**4744.62**	**1554147.73**	**0.00**	**1662938.07**

E. Fourth Year Operations									
1	Fire trenching	2.00	655.12	0.00	655.12	172.00	56340.32	0.00	56340.32
2	Watch and ward 12 months 1 watcher 10.00 ha	36.50	11955.94	0.00	11955.94	3139.00	1028210.84	0.00	1028210.84
	Total	**38.50**	**12611.06**	**0.00**	**12611.06**	**3311.00**	**1084551.16**	**0.00**	**1084551.16**
	Contingency 3%								32536.53
	Labour Welfare 4%								43382.05
	Grand Total	**38.50**	**12611.06**	**0.00**	**12611.06**	**3311.00**	**1084551.16**	**0.00**	**1160469.74**
F. Fifth Year Operations									
1	Fire trenching	2.00	655.12	0.00	655.12	172.00	56340.32	0.00	56340.32
2	Watch and ward 12 months 1 watcher 10.00 ha	36.50	11955.94	0.00	11955.94	3139.00	1028210.84	0.00	1028210.84
	Total	**38.50**	**12611.06**	**0.00**	**12611.06**	**3311.00**	**1084551.16**	**0.00**	**1084551.16**
	Contingency 3%							32536.53	32536.53
	Labour Welfare 4%							43382.05	43382.05
	Grand Total	**38.50**	**12611.06**	**0.00**	**12611.06**	**3311.00**	**1084551.16**	**75918.58**	**1160469.74**
G. Sixth Year Operations.									
1	Fire trenching	2.00	655.12	0.00	655.12	172.00	56340.32	0.00	56340.32
2	Watch and ward 12 months 1 watcher 10.00 ha	36.50	11955.94	0.00	11955.94	3139.00	1028210.84	0.00	1028210.84
	Total	**38.50**	**12611.06**	**0.00**	**12611.06**	**3311.00**	**1084551.16**	**0.00**	**1084551.16**
	Contingency 3%								32536.53
	Labour Welfare 4%								43382.05
	Grand Total	**38.50**	**12611.06**	**0.00**	**12611.06**	**3311.00**	**1084551.16**	**0.00**	**1160469.74**
H. Seventh Year Operations									
1	Fire trenching	2.00	655.12	0.00	655.12	172.00	56340.32	0.00	56340.32
2	Watch and ward 12 months 1 watcher 10.00 ha	36.50	11955.94	0.00	11955.94	3139.00	1028210.84	0.00	1028210.84
	Total	**38.50**	**12611.06**	**0.00**	**12611.06**	**3311.00**	**1084551.16**	**0.00**	**1084551.16**
	Contingency 3%								32536.53
	Labour Welfare 4%								43382.05
	Grand Total	**38.50**	**12611.06**	**0.00**	**12611.06**	**3311.00**	**1084551.16**	**0.00**	**1160469.74**

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Range Forest Officer
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ABSTRACT

Sr. No.	Year of Operation	Expenditure per ha.				Expenditure for 86 ha.						
		Man days	Wages	Material supply	Total (Rs. Per Ha.)	Man days	Wages	Material supply	Total (Rs.)	Contingency 3%	Labour Welfare 4%	Grand Total
1	Pre-Monsoon works	305.82	100174.3992	300	100474.3992	26300.52	8614998.331	25800	12380798.33	371423.9499	495231.9332	13247454.21
2	First Year Operation	139.27	45619.28	315975.00	361594.28	11977.22	3923258.18	27173850.00	31097108.18	932913.2455	1243884.327	33273905.76
3	Second Year Operation	70.71	23161.77	28400.00	51561.77	6081.06	1991912.01	2442400.00	4434312.01	133029.3604	177372.4805	4744713.855
4	Third Year Operation	55.17	18071.49	0.00	18071.49	4744.62	1554147.73	0.00	1554147.73	46624.43182	62165.90909	1662938.068
5	Fourth Year Operation	38.50	12611.06	0.00	12611.06	3311.00	1084551.16	0.00	1084551.16	32536.5348	43382.0464	1160469.741
6	Fifth Year Operation	38.50	12611.06	0.00	12611.06	3311.00	1084551.16	0.00	1084551.16	32536.5348	43382.0464	1160469.741
7	Sixth Year Operation	38.50	12611.06	0.00	12611.06	3311.00	1084551.16	0.00	1084551.16	32536.5348	43382.0464	1160469.741
8	Seventh Year Operation	38.50	12611.06	0.00	12611.06	3311.00	1084551.16	0.00	1084551.16	32536.5348	43382.0464	1160469.741
											Grand Total Total	57570890.86

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