COMPENSATORY AFFORESTATION SCHEME

Greenfield Airport, Chandrapur at Village Vihirgaon & Murti

Model No. 3

Division: Central Chanda, Chandrapur
Range: Ballarsha
Round: Manora
Beat: Vishnupur
Copmartment No. : 567

Total Area (Ha.): 25.00
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.): 445.19
Periferal Length (meter): 2160.00M

Sr. No.	Particulars of works	Expenditure per ha.				Expenditure for 25.00 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	445.19	50.00	495.19	25.00	11129.75	1250.00	12379.75
	b. Preparation of treatment map (100 m 50 m grid)	1.00	445.19	50.00	495.19	25.00	11129.75	1250.00	12379.75
	c. Clearing of bushes and preparation of site (As per requirement)	10.00	4451.90	50.00	4501.90	250.00	111297.50	1250.00	112547.50
2	Soil and moisture conservation works includidng collection of rubbles from area upto 30 m etc.	31.00	13800.89	0.00	13800.89	775.00	345022.25	0.00	345022.25
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	1335.57	100.00	1435.57	75.00	33389.25	2500.00	35889.25
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	81736.88	0.00	81736.88	4590.00	2043422.10	0.00	2043422.10
5	**Chainling And Fencing 2160 Mtr 1200 per rmt**	170.00	75682.30	11755.07	87437.37	4250.00	1892057.50	293876.75	2185934.25
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	1286.60	50.00	1336.60	72.25	32164.98	1250.00	33414.98
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	32645.78	0.00	32645.78	1833.25	816144.57	0.00	816144.57
	Total	**475.82**	**211830.31**	**12055.07**	**223885.38**	**11895.50**	**5295757.65**	**301376.75**	**5597134.40**
	Contingency 3%						5295757.65		167914.03
	Labour Welfare 4%								223885.38
	Grand Total	**475.82**	**211830.31**	**12055.07**	**223885.38**	**11895.50**	**10591515.29**	**301376.75**	**5988933.80**
B. First Year Operation									
1	Purchesing Tall Plants 1333 per Ha. @250 Per Plant	0.00	0.00	333250.00	333250.00	0.00	0.00	8331250.00	8331250.00
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	8209.30	9500.00	17709.30	461.00	205232.59	237500.00	442732.59
3	Sowing of seeds on CCT1200 rmt 5 kg per ha @ Rs 50 per Kg	12.00	5342.28	325.00	5667.28	300.00	133557.00	8125.00	141682.00
4	Removal of weeds from CCT (1.20 MD per 100 rmt)	14.40	6410.74	0.00	6410.74	360.00	160268.40	0.00	160268.40
5	Planting of seedling 1111 per ha (1MD per 100 seedling)	19.11	8507.58	0.00	8507.58	477.75	212689.52	0.00	212689.52
6	3 weedings and two soil workings 3.5 MD per 100 seedlings fertilizers application Rs 0.45 per seedling)	38.88	17308.99	650.00	17958.99	972.00	432724.68	16250.00	448974.68
7	Purchrsing 10% Casualty Plants 111 @250 per plant	0.00	0.00	27750.00	27750.00	0.00	0.00	693750.00	693750.00
8	Casualty replacement (20% 222 seedling per ha) (2 M.D per 100 seedlings)	4.44	1976.64	0.00	1976.64	111.00	49416.09	0.00	49416.09
9	Watch and ward (10 months) 1 watcher per 10 ha	30.00	13355.70	0.00	13355.70	750.00	333892.50	0.00	333892.50

10	Fire tracing	2.00	890.38	0.00	890.38	50.00	22259.50	0.00	22259.50
	Total	**139.27**	**62001.61**	**371475.00**	**433476.61**	**3481.75**	**1550040.28**	**9286875.00**	**10836915.28**
	Contingency 3%								325107.46
	Labour Welfare 4%								433476.61
	Grand Total	**139.27**	**62001.61**	**371475.00**	**433476.61**	**3481.75**	**1550040.28**	**9286875.00**	**11595499.35**
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	693750.00	693750.00
2	2 weeding and 1 soil working, with fertilizer application at Rs. 0.45 per seedling	27.77	12362.93	650.00	13012.93	694.25	309073.16	16250.00	325323.16
3	Casualty replacement (20% 222 seedling per ha) (2 M.D per 100 seedlings)	4.44	1976.64	0.00	1976.64	111.00	49416.09	0.00	49416.09
4	Watch and ward 12 months 1 watcher 10.00 ha	36.50	16249.44	0.00	16249.44	912.50	406235.88	0.00	406235.88
5	Fire tracing	2.00	890.38	0.00	890.38	50.00	22259.50	0.00	22259.50
	Total	**70.71**	**31479.38**	**28400.00**	**59879.38**	**1767.75**	**786984.62**	**710000.00**	**1496984.62**
	Contingency 3%								44909.54
	Labour Welfare 4%								59879.38
	Grand Total	**70.71**	**31479.38**	**28400.00**	**59879.38**	**1767.75**	**786984.62**	**710000.00**	**1601773.55**
D. Third Year Operations									
1	One weeding 1 soil working (1.50MD per 100 seedlings)	16.67	7421.32	0.00	7421.32	416.75	185532.93	0.00	185532.93
2	Watch and ward 12 months 1 watcher 10.00 ha	36.50	16249.44	0.00	16249.44	912.50	406235.88	0.00	406235.88
3	Fire trenching	2.00	890.38	0.00	890.38	50.00	22259.50	0.00	22259.50
	Total	**55.17**	**24561.13**	**0.00**	**24561.13**	**1379.25**	**614028.31**	**0.00**	**614028.31**
	Contingency 3%								18420.85
	Labour Welfare 4%								24561.13
	Grand Total	**55.17**	**24561.13**	**0.00**	**24561.13**	**1379.25**	**614028.31**	**0.00**	**657010.29**
E. Fourth Year Operations									
1	Fire trenching	2.00	890.38	0.00	890.38	50.00	22259.50	0.00	22259.50
2	Watch and ward 12 months 1 watcher 10.00 ha	36.50	16249.44	0.00	16249.44	912.50	406235.88	0.00	406235.88
	Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**962.50**	**428495.38**	**0.00**	**428495.38**
	Contingency 3%								12854.86
	Labour Welfare 4%								17139.82
	Grand Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**962.50**	**428495.38**	**0.00**	**458490.05**

F. Fifth Year Operations									
1	Fire trenching	2.00	890.38	0.00	890.38	50.00	22259.50	0.00	22259.50
2	Watch and ward 12 months 1 watcher 10.00 ha	36.50	16249.44	0.00	16249.44	912.50	406235.88	0.00	406235.88
	Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**962.50**	**428495.38**	**0.00**	**428495.38**
	Contingency 3%								12854.86
	Labour Welfare 4%								17139.82
	Grand Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**962.50**	**428495.38**	**0.00**	**458490.05**
G. Sixth Year Operations.									
1	Fire trenching	2.00	890.38	0.00	890.38	50.00	22259.50	0.00	22259.50
2	Watch and ward 12 months 1 watcher 10.00 ha	36.50	16249.44	0.00	16249.44	912.50	406235.88	0.00	406235.88
	Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**962.50**	**428495.38**	**0.00**	**428495.38**
	Contingency 3%								12854.86
	Labour Welfare 4%								17139.82
	Grand Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**962.50**	**428495.38**	**0.00**	**458490.05**

H. Seventh Year Operations									
1	Fire trenching	2.00	890.38	0.00	890.38	50.00	22259.50	0.00	22259.50
2	Watch and ward 12 months 1 watcher 10.00 ha	36.50	16249.44	0.00	16249.44	912.50	406235.88	0.00	406235.88
	Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**962.50**	**428495.38**	**0.00**	**428495.38**
	Contingency 3%								12854.86
	Labour Welfare 4%								17139.82
	Grand Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**962.50**	**428495.38**	**0.00**	**458490.05**
I. Eighth Year Operations									
1	Fire trenching	2.00	890.38	0.00	890.38	50.00	22259.50	0.00	22259.50
2	Watch and ward 12 months 1 watcher 10.00 ha	36.50	16249.44	0.00	16249.44	912.50	406235.88	0.00	406235.88
	Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**962.50**	**428495.38**	**0.00**	**428495.38**
	Contingency 3%								12854.86
	Labour Welfare 4%								17139.82
	Grand Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**962.50**	**428495.38**	**0.00**	**458490.05**
J. Nineth Year Operations									
1	Fire trenching	2.00	890.38	0.00	890.38	50.00	22259.50	0.00	22259.50
2	Watch and ward 12 months 1 watcher 10.00 ha	36.50	16249.44	0.00	16249.44	912.50	406235.88	0.00	406235.88
	Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**962.50**	**428495.38**	**0.00**	**428495.38**
	Contingency 3%								12854.86
	Labour Welfare 4%								17139.82
	Grand Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**962.50**	**428495.38**	**0.00**	**458490.05**
K. Tenth Year Operations									
1	Fire trenching	2.00	890.38	0.00	890.38	50.00	22259.50	0.00	22259.50
2	Watch and ward 12 months 1 watcher 10.00 ha	36.50	16249.44	0.00	16249.44	912.50	406235.88	0.00	406235.88
	Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**962.50**	**428495.38**	**0.00**	**428495.38**
	Contingency 3%								12854.86
	Labour Welfare 4%								17139.82
	Grand Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**962.50**	**428495.38**	**0.00**	**458490.05**

23052647.35

Range Forest Officer
Ballarsha

ABSTRACT

Sr. No.	Year of Operation	Expenditure per ha.				Expenditure for 25.00 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	475.82	211830.31	12055.07	223885.38	11895.50	5295757.65	301376.75	5597134.40	167914.03	223885.38	5988933.80
2	First Year Operation	139.27	62001.61	371475.00	433476.61	3481.75	1550040.28	9286875.00	10836915.28	325107.46	433476.61	11595499.35
3	Second Year Operation	70.71	31479.38	28400.00	59879.38	1767.75	786984.62	710000.00	1496984.62	44909.54	59879.38	1601773.55
4	Third Year Operation	55.17	24561.13	0.00	24561.13	1379.25	614028.31	0.00	614028.31	18420.85	24561.13	657010.29
5	Fourth Year Operation	38.50	17139.82	0.00	17139.82	962.50	428495.38	0.00	428495.38	12854.86	17139.82	458490.05
6	Fifth Year Operation	38.50	17139.82	0.00	17139.82	962.50	428495.38	0.00	428495.38	12854.86	17139.82	458490.05
7	Sixth Year Operation	38.50	17139.82	0.00	17139.82	962.50	428495.38	0.00	428495.38	12854.86	17139.82	458490.05
8	Seventh Year Operation	38.50	17139.82	0.00	17139.82	962.50	428495.38	0.00	428495.38	12854.86	17139.82	458490.05
9	Eighth Year Operation	38.50	17139.82	0.00	17139.82	962.50	428495.38	0.00	428495.38	12854.86	17139.82	458490.05
10	Nineth Year Operation	38.50	17139.82	0.00	17139.82	962.50	428495.38	0.00	428495.38	12854.86	17139.82	458490.05
11	Tenth Year Operation	38.50	17139.82	0.00	17139.82	962.50	428495.38	0.00	428495.38	12854.86125	17139.82	458490.05
		1010.47	**449851.14**	**411930.07**	**861781.21**	**25261.75**	**11246278.48**	**10298251.75**	**21544530.23**	**646335.91**	**861781.21**	**23052647.35**
										Grand Total		**23052647.00**

Range Forest Officer
Ballarsha

COMPENSATORY AFFORESTATION SCHEME
Greenfield Airport, Chandrapur at Village Vihirgaon & Murti
Model No. 3

Division: Central Chanda, Chandrapur
Range: Ballarsha
Round: Kalamana
Beat: Kem
Copmartment No. : 577

Total Area (Ha.): 10.00
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.): 445.19
Periferal Length (meter): 2160.00M

Sr. No.	Particulars of works	Expenditure per ha.				Expenditure for 10.00 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	445.19	50.00	495.19	10.00	4451.90	500.00	4951.90
	b. Preparation of treatment map (100 m 50 m grid)	1.00	445.19	50.00	495.19	10.00	4451.90	500.00	4951.90
	c. Clearing of bushes and preparation of site (As per requirement)	10.00	4451.90	50.00	4501.90	100.00	44519.00	500.00	45019.00
2	Soil and moisture conservation works includidng collection of rubbles from area upto 30 m etc.	31.00	13800.89	0.00	13800.89	310.00	138008.90	0.00	138008.90
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	1335.57	100.00	1435.57	30.00	13355.70	1000.00	14355.70
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	81736.88	0.00	81736.88	1836.00	817368.84	0.00	817368.84
5	**Chainling And Fencing 2160 Mtr 1200 per rmt**	170.00	75682.30	11755.07	87437.37	1700.00	756823.00	117550.70	874373.70
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	1286.60	50.00	1336.60	28.90	12865.99	500.00	13365.99
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	32645.78	0.00	32645.78	733.30	326457.83	0.00	326457.83
	Total	**475.82**	**211830.31**	**12055.07**	**223885.38**	**4758.20**	**2118303.06**	**120550.70**	**2238853.76**
	Contingency 3%						2118303.06		67165.61
	Labour Welfare 4%								89554.15
	Grand Total	**475.82**	**211830.31**	**12055.07**	**223885.38**	**4758.20**	**4236606.12**	**120550.70**	**2395573.52**
B. First Year Operation									
1	Purchesing Tall Plants 1333 per Ha. @250 Per Plant	0.00	0.00	333250.00	333250.00	0.00	0.00	3332500.00	3332500.00
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	8209.30	9500.00	17709.30	184.40	82093.04	95000.00	177093.04
3	Sowing of seeds on CCT1200 rmt 5 kg per ha @ Rs 50 per Kg	12.00	5342.28	325.00	5667.28	120.00	53422.80	3250.00	56672.80
4	Removal of weeds from CCT (1.20 MD per 100 rmt)	14.40	6410.74	0.00	6410.74	144.00	64107.36	0.00	64107.36
5	Planting of seedling 1111 per ha (1MD per 100 seedling)	19.11	8507.58	0.00	8507.58	191.10	85075.81	0.00	85075.81
6	3 weedings and two soil workings 3.5 MD per 100 seedlings fertilizers application Rs 0.45 per seedling)	38.88	17308.99	650.00	17958.99	388.80	173089.87	6500.00	179589.87
7	Purchrsing 10% Casualty Plants 111 @250 per plant	0.00	0.00	27750.00	27750.00	0.00	0.00	277500.00	277500.00
8	Casualty replacement (20% 222 seedling per ha) (2 M.D per 100 seedlings)	4.44	1976.64	0.00	1976.64	44.40	19766.44	0.00	19766.44
9	Watch and ward (10 months) 1 watcher per 10 ha	30.00	13355.70	0.00	13355.70	300.00	133557.00	0.00	133557.00

10	Fire tracing	2.00	890.38	0.00	890.38	20.00	8903.80	0.00	8903.80
	Total	**139.27**	**62001.61**	**371475.00**	**433476.61**	**1392.70**	**620016.11**	**3714750.00**	**4334766.11**
	Contingency 3%								130042.98
	Labour Welfare 4%								173390.64
	Grand Total	**139.27**	**62001.61**	**371475.00**	**433476.61**	**1392.70**	**620016.11**	**3714750.00**	**4638199.74**
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	277500.00	277500.00
2	2 weeding and 1 soil working, with fertilizer application at Rs. 0.45 per seedling	27.77	12362.93	650.00	13012.93	277.70	123629.26	6500.00	130129.26
3	Casualty replacement (20% 222 seedling per ha) (2 M.D per 100 seedlings)	4.44	1976.64	0.00	1976.64	44.40	19766.44	0.00	19766.44
4	Watch and ward 12 months 1 watcher 10.00 ha	36.50	16249.44	0.00	16249.44	365.00	162494.35	0.00	162494.35
5	Fire tracing	2.00	890.38	0.00	890.38	20.00	8903.80	0.00	8903.80
	Total	**70.71**	**31479.38**	**28400.00**	**59879.38**	**707.10**	**314793.85**	**284000.00**	**598793.85**
	Contingency 3%								17963.82
	Labour Welfare 4%								23951.75
	Grand Total	**70.71**	**31479.38**	**28400.00**	**59879.38**	**707.10**	**314793.85**	**284000.00**	**640709.42**
D. Third Year Operations									
1	One weeding 1 soil working (1.50MD per 100 seedlings)	16.67	7421.32	0.00	7421.32	166.70	74213.17	0.00	74213.17
2	Watch and ward 12 months 1 watcher 10.00 ha	36.50	16249.44	0.00	16249.44	365.00	162494.35	0.00	162494.35
3	Fire trenching	2.00	890.38	0.00	890.38	20.00	8903.80	0.00	8903.80
	Total	**55.17**	**24561.13**	**0.00**	**24561.13**	**551.70**	**245611.32**	**0.00**	**245611.32**
	Contingency 3%								7368.34
	Labour Welfare 4%								9824.45
	Grand Total	**55.17**	**24561.13**	**0.00**	**24561.13**	**551.70**	**245611.32**	**0.00**	**262804.12**
E. Fourth Year Operations									
1	Fire trenching	2.00	890.38	0.00	890.38	20.00	8903.80	0.00	8903.80
2	Watch and ward 12 months 1 watcher 10.00 ha	36.50	16249.44	0.00	16249.44	365.00	162494.35	0.00	162494.35
	Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**385.00**	**171398.15**	**0.00**	**171398.15**
	Contingency 3%								5141.94
	Labour Welfare 4%								6855.93
	Grand Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**385.00**	**171398.15**	**0.00**	**183396.02**

F. Fifth Year Operations									
1	Fire trenching	2.00	890.38	0.00	890.38	20.00	8903.80	0.00	8903.80
2	Watch and ward 12 months 1 watcher 10.00 ha	36.50	16249.44	0.00	16249.44	365.00	162494.35	0.00	162494.35
	Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**385.00**	**171398.15**	**0.00**	**171398.15**
	Contingency 3%								5141.94
	Labour Welfare 4%								6855.93
	Grand Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**385.00**	**171398.15**	**0.00**	**183396.02**
G. Sixth Year Operations.									
1	Fire trenching	2.00	890.38	0.00	890.38	20.00	8903.80	0.00	8903.80
2	Watch and ward 12 months 1 watcher 10.00 ha	36.50	16249.44	0.00	16249.44	365.00	162494.35	0.00	162494.35
	Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**385.00**	**171398.15**	**0.00**	**171398.15**
	Contingency 3%								5141.94
	Labour Welfare 4%								6855.93
	Grand Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**385.00**	**171398.15**	**0.00**	**183396.02**

H. Seventh Year Operations									
1	Fire trenching	2.00	890.38	0.00	890.38	20.00	8903.80	0.00	8903.80
2	Watch and ward 12 months 1 watcher 10.00 ha	36.50	16249.44	0.00	16249.44	365.00	162494.35	0.00	162494.35
	Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**385.00**	**171398.15**	**0.00**	**171398.15**
	Contingency 3%								5141.94
	Labour Welfare 4%								6855.93
	Grand Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**385.00**	**171398.15**	**0.00**	**183396.02**
I. Eighth Year Operations									
1	Fire trenching	2.00	890.38	0.00	890.38	20.00	8903.80	0.00	8903.80
2	Watch and ward 12 months 1 watcher 10.00 ha	36.50	16249.44	0.00	16249.44	365.00	162494.35	0.00	162494.35
	Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**385.00**	**171398.15**	**0.00**	**171398.15**
	Contingency 3%								5141.94
	Labour Welfare 4%								6855.93
	Grand Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**385.00**	**171398.15**	**0.00**	**183396.02**
J. Nineth Year Operations									
1	Fire trenching	2.00	890.38	0.00	890.38	20.00	8903.80	0.00	8903.80
2	Watch and ward 12 months 1 watcher 10.00 ha	36.50	16249.44	0.00	16249.44	365.00	162494.35	0.00	162494.35
	Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**385.00**	**171398.15**	**0.00**	**171398.15**
	Contingency 3%								5141.94
	Labour Welfare 4%								6855.93
	Grand Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**385.00**	**171398.15**	**0.00**	**183396.02**
K. Tenth Year Operations									
1	Fire trenching	2.00	890.38	0.00	890.38	20.00	8903.80	0.00	8903.80
2	Watch and ward 12 months 1 watcher 10.00 ha	36.50	16249.44	0.00	16249.44	365.00	162494.35	0.00	162494.35
	Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**385.00**	**171398.15**	**0.00**	**171398.15**
	Contingency 3%								5141.94
	Labour Welfare 4%								6855.93
	Grand Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**385.00**	**171398.15**	**0.00**	**183396.02**

9221058.94

Range Forest Officer
Ballarsha

ABSTRACT

Sr. No.	Year of Operation	Expenditure per ha.				Expenditure for 10.00 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	475.82	211830.31	12055.07	223885.38	4758.20	2118303.06	120550.70	2238853.76	67165.61	89554.15	2395573.52
2	First Year Operation	139.27	62001.61	371475.00	433476.61	1392.70	620016.11	3714750.00	4334766.11	130042.98	173390.64	4638199.74
3	Second Year Operation	70.71	31479.38	28400.00	59879.38	707.10	314793.85	284000.00	598793.85	17963.82	23951.75	640709.42
4	Third Year Operation	55.17	24561.13	0.00	24561.13	551.70	245611.32	0.00	245611.32	7368.34	9824.45	262804.12
5	Fourth Year Operation	38.50	17139.82	0.00	17139.82	385.00	171398.15	0.00	171398.15	5141.94	6855.93	183396.02
6	Fifth Year Operation	38.50	17139.82	0.00	17139.82	385.00	171398.15	0.00	171398.15	5141.94	6855.93	183396.02
7	Sixth Year Operation	38.50	17139.82	0.00	17139.82	385.00	171398.15	0.00	171398.15	5141.94	6855.93	183396.02
8	Seventh Year Operation	38.50	17139.82	0.00	17139.82	385.00	171398.15	0.00	171398.15	5141.94	6855.93	183396.02
9	Eighth Year Operation	38.50	17139.82	0.00	17139.82	385.00	171398.15	0.00	171398.15	5141.94	6855.93	183396.02
10	Nineth Year Operation	38.50	17139.82	0.00	17139.82	385.00	171398.15	0.00	171398.15	5141.94	6855.93	183396.02
11	Tenth Year Operation	38.50	17139.82	0.00	17139.82	385.00	171398.15	0.00	171398.15	5141.9445	6855.93	183396.02
		1010.47	**449851.14**	**411930.07**	**861781.21**	**10104.70**	**4498511.39**	**4119300.70**	**8617812.09**	**258534.36**	**344712.48**	**9221058.94**
										Grand Total		**9221059.00**

Range Forest Officer
Ballarsha

COMPENSATORY AFFORESTATION SCHEME
Greenfield Airport, Chandrapur at Village Vihirgaon & Murti
Model No. 3

Division: Central Chanda, Chandrapur
Range: Wirur
Round: Dewada
Beat: Kawadgondi
Copmartment No. : 313

Total Area (Ha.): 10.00
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.): 445.19
Periferal Length (meter): 2160.00M

Sr. No.	Particulars of works	Expenditure per ha.				Expenditure for 10.00 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	445.19	50.00	495.19	10.00	4451.90	500.00	4951.90
	b Preparation of treatment map (100 m 50 m grid)	1.00	445.19	50.00	495.19	10.00	4451.90	500.00	4951.90
	c Clearing of bushes and preparation of site (As per requirement)	10.00	4451.90	50.00	4501.90	100.00	44519.00	500.00	45019.00
2	Soil and moisture conservation works includidng collection of rubbles from area upto 30 m etc	31.00	13800.89	0.00	13800.89	310.00	138008.90	0.00	138008.90
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	1335.57	100.00	1435.57	30.00	13355.70	1000.00	14355.70
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	81736.88	0.00	81736.88	1836.00	817368.84	0.00	817368.84
5	**Chainling And Fencing 2160 Mtr 1200 per rmt**	170.00	75682.30	11755.07	87437.37	1700.00	756823.00	117550.70	874373.70
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	1286.60	50.00	1336.60	28.90	12865.99	500.00	13365.99
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	32645.78	0.00	32645.78	733.30	326457.83	0.00	326457.83
	Total	**475.82**	**211830.31**	**12055.07**	**223885.38**	**4758.20**	**2118303.06**	**120550.70**	**2238853.76**
	Contingency 3%						2118303.06		67165.61
	Labour Welfare 4%								89554.15
	Grand Total	**475.82**	**211830.31**	**12055.07**	**223885.38**	**4758.20**	**4236606.12**	**120550.70**	**2395573.52**
B. First Year Operation									
1	Purchesing Tall Plants 1333 per Ha @250 Per Plant	0.00	0.00	333250.00	333250.00	0.00	0.00	3332500.00	3332500.00
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	8209.30	9500.00	17709.30	184.40	82093.04	95000.00	177093.04
3	Sowing of seeds on CCT1200 rmt 5 kg per ha @ Rs 50 per Kg	12.00	5342.28	325.00	5667.28	120.00	53422.80	3250.00	56672.80
4	Removal of weeds from CCT (1.20 MD per 100 rmt)	14.40	6410.74	0.00	6410.74	144.00	64107.36	0.00	64107.36
5	Planting of seedling 1111 per ha (1MD per 100 seedling)	19.11	8507.58	0.00	8507.58	191.10	85075.81	0.00	85075.81
6	3 weedings and two soil workings 3.5 MD per 100 seedlings fertilizers application Rs 0.45 per seedling)	38.88	17308.99	650.00	17958.99	388.80	173089.87	6500.00	179589.87
7	Purchrsing 10% Casualty Plants 111 @250 per plant	0.00	0.00	27750.00	27750.00	0.00	0.00	277500.00	277500.00
8	Casualty replacement (20% 222 seedling per ha) (2 M.D per 100 seedlings)	4.44	1976.64	0.00	1976.64	44.40	19766.44	0.00	19766.44
9	Watch and ward (10 months) 1 watcher per 10 ha	30.00	13355.70	0.00	13355.70	300.00	133557.00	0.00	133557.00

10	Fire tracing	2.00	890.38	0.00	890.38	20.00	8903.80	0.00	8903.80
	Total	**139.27**	**62001.61**	**371475.00**	**433476.61**	**1392.70**	**620016.11**	**3714750.00**	**4334766.11**
	Contingency 3%								130042.98
	Labour Welfare 4%								173390.64
	Grand Total	**139.27**	**62001.61**	**371475.00**	**433476.61**	**1392.70**	**620016.11**	**3714750.00**	**4638199.74**
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	277500.00	277500.00
2	2 weeding and 1 soil working, with fertilizer application at Rs 0.45 per seedling	27.77	12362.93	650.00	13012.93	277.70	123629.26	6500.00	130129.26
3	Casualty replacement (20% 222 seedling per ha) (2 M.D per 100 seedlings)	4.44	1976.64	0.00	1976.64	44.40	19766.44	0.00	19766.44
4	Watch and ward 12 months 1 watcher 10.00 ha	36.50	16249.44	0.00	16249.44	365.00	162494.35	0.00	162494.35
5	Fire tracing	2.00	890.38	0.00	890.38	20.00	8903.80	0.00	8903.80
	Total	**70.71**	**31479.38**	**28400.00**	**59879.38**	**707.10**	**314793.85**	**284000.00**	**598793.85**
	Contingency 3%								17963.82
	Labour Welfare 4%								23951.75
	Grand Total	**70.71**	**31479.38**	**28400.00**	**59879.38**	**707.10**	**314793.85**	**284000.00**	**640709.42**
D. Third Year Operations									
1	One weeding 1 soil working (1.50MD per 100 seedlings)	16.67	7421.32	0.00	7421.32	166.70	74213.17	0.00	74213.17
2	Watch and ward 12 months 1 watcher 10.00 ha	36.50	16249.44	0.00	16249.44	365.00	162494.35	0.00	162494.35
3	Fire trenching	2.00	890.38	0.00	890.38	20.00	8903.80	0.00	8903.80
	Total	**55.17**	**24561.13**	**0.00**	**24561.13**	**551.70**	**245611.32**	**0.00**	**245611.32**
	Contingency 3%								7368.34
	Labour Welfare 4%								9824.45
	Grand Total	**55.17**	**24561.13**	**0.00**	**24561.13**	**551.70**	**245611.32**	**0.00**	**262804.12**
E. Fourth Year Operations									
1	Fire trenching	2.00	890.38	0.00	890.38	20.00	8903.80	0.00	8903.80
2	Watch and ward 12 months 1 watcher 10.00 ha	36.50	16249.44	0.00	16249.44	365.00	162494.35	0.00	162494.35
	Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**385.00**	**171398.15**	**0.00**	**171398.15**
	Contingency 3%								5141.94
	Labour Welfare 4%								6855.93
	Grand Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**385.00**	**171398.15**	**0.00**	**183396.02**

F. Fifth Year Operations									
1	Fire trenching	2.00	890.38	0.00	890.38	20.00	8903.80	0.00	8903.80
2	Watch and ward 12 months 1 watcher 10.00 ha	36.50	16249.44	0.00	16249.44	365.00	162494.35	0.00	162494.35
	Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**385.00**	**171398.15**	**0.00**	**171398.15**
	Contingency 3%								5141.94
	Labour Welfare 4%								6855.93
	Grand Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**385.00**	**171398.15**	**0.00**	**183396.02**
G. Sixth Year Operations.									
1	Fire trenching	2.00	890.38	0.00	890.38	20.00	8903.80	0.00	8903.80
2	Watch and ward 12 months 1 watcher 10.00 ha	36.50	16249.44	0.00	16249.44	365.00	162494.35	0.00	162494.35
	Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**385.00**	**171398.15**	**0.00**	**171398.15**
	Contingency 3%								5141.94
	Labour Welfare 4%								6855.93
	Grand Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**385.00**	**171398.15**	**0.00**	**183396.02**

H.	**Seventh Year Operations**								
1	Fire trenching	2.00	890.38	0.00	890.38	20.00	8903.80	0.00	8903.80
2	Watch and ward 12 months 1 watcher 10.00 ha	36.50	16249.44	0.00	16249.44	365.00	162494.35	0.00	162494.35
	Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**385.00**	**171398.15**	**0.00**	**171398.15**
	Contingency 3%								5141.94
	Labour Welfare 4%								6855.93
	Grand Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**385.00**	**171398.15**	**0.00**	**183396.02**
I.	**Eighth Year Operations**								
1	Fire trenching	2.00	890.38	0.00	890.38	20.00	8903.80	0.00	8903.80
2	Watch and ward 12 months 1 watcher 10.00 ha	36.50	16249.44	0.00	16249.44	365.00	162494.35	0.00	162494.35
	Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**385.00**	**171398.15**	**0.00**	**171398.15**
	Contingency 3%								5141.94
	Labour Welfare 4%								6855.93
	Grand Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**385.00**	**171398.15**	**0.00**	**183396.02**
J.	**Nineth Year Operations**								
1	Fire trenching	2.00	890.38	0.00	890.38	20.00	8903.80	0.00	8903.80
2	Watch and ward 12 months 1 watcher 10.00 ha	36.50	16249.44	0.00	16249.44	365.00	162494.35	0.00	162494.35
	Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**385.00**	**171398.15**	**0.00**	**171398.15**
	Contingency 3%								5141.94
	Labour Welfare 4%								6855.93
	Grand Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**385.00**	**171398.15**	**0.00**	**183396.02**
K.	**Tenth Year Operations**								
1	Fire trenching	2.00	890.38	0.00	890.38	20.00	8903.80	0.00	8903.80
2	Watch and ward 12 months 1 watcher 10.00 ha	36.50	16249.44	0.00	16249.44	365.00	162494.35	0.00	162494.35
	Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**385.00**	**171398.15**	**0.00**	**171398.15**
	Contingency 3%								5141.94
	Labour Welfare 4%								6855.93
	Grand Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**385.00**	**171398.15**	**0.00**	**183396.02**

9221058.94

Range Forest Officer
Wirur

उपविभागीय वन अधिकारी
राजुरा

(Swetha Boddu)
Dy. Conservator of Forests
Central Chanda Division,
Chandrapur

ABSTRACT

Sr. No.	Year of Operation	Expenditure per ha.				Expenditure for 10.00 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	475 82	211830 31	12055 07	223885 38	4758 20	2118303 06	120550 70	2238853 76	67165 61	89554 15	2395573 52
2	First Year Operation	139 27	62001 61	371475 00	433476 61	1392 70	620016 11	3714750 00	4334766 11	130042 98	173390 64	4638199 74
3	Second Year Operation	70 71	31479 38	28400 00	59879 38	707 10	314793 85	284000 00	598793 85	17963 82	23951 75	640709 42
4	Third Year Operation	55 17	24561 13	0 00	24561 13	551 70	245611 32	0 00	245611 32	7368 34	9824 45	262804 12
5	Fourth Year Operation	38.50	17139 82	0 00	17139 82	385 00	171398 15	0 00	171398 15	5141 94	6855 93	183396 02
6	Fifth Year Operation	38.50	17139 82	0 00	17139 82	385 00	171398 15	0 00	171398 15	5141 94	6855 93	183396 02
7	Sixth Year Operation	38 50	17139 82	0 00	17139 82	385 00	171398 15	0 00	171398 15	5141 94	6855 93	183396 02
8	Seventh Year Operation	38 50	17139 82	0 00	17139 82	385 00	171398 15	0 00	171398 15	5141 94	6855 93	183396 02
9	Eighth Year Operation	38 50	17139 82	0 00	17139 82	385 00	171398 15	0 00	171398 15	5141 94	6855 93	183396 02
10	Nineth Year Operation	38 50	17139 82	0 00	17139 82	385 00	171398 15	0 00	171398 15	5141 94	6855 93	183396 02
11	Tenth Year Operation	38 50	17139 82	0 00	17139 82	385 00	171398 15	0 00	171398 15	5141 9445	6855 93	183396 02
		1010.47	449851.14	411930.07	861781.21	10104.70	4498511.39	4119300.70	8617812.09	258534.36	344712.48	9221058.94
										Grand Total		9221059.00

Range Forest Officer
Wirvaar

उपविभागीय वन अधिकारी
राजुरा

(Swetha Boddu)
Dy. Conservator of Forests
Central Chanda Division,
Chandrapur

COMPENSATORY AFFORESTATION SCHEME

Greenfield Airport, Chandrapur at Village Vihirgaon & Murti

Model No. 3

Division: Central Chanda, Chandrapur
Range: Rajura
Round: Tembhurwahi
Beat: Tulana
Copmartment No. : 170

Total Area (Ha.): 15.00
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.): 445.19
Periferal Length (meter): 1680.00M

Sr. No.	Particulars of works	Expenditure per ha.				Expenditure for 15.00 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	445.19	50.00	495.19	15.00	6677.85	750.00	7427.85
	b. Preparation of treatment map (100 m 50 m grid)	1.00	445.19	50.00	495.19	15.00	6677.85	750.00	7427.85
	c. Clearing of bushes and preparation of site (As per requirement)	10.00	4451.90	50.00	4501.90	150.00	66778.50	750.00	67528.50
2	Soil and moisture conservation works includidng collection of rubbles from area upto 30 m etc.	31.00	13800.89	0.00	13800.89	465.00	207013.35	0.00	207013.35
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	1335.57	100.00	1435.57	45.00	20033.55	1500.00	21533.55
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	81736.88	0.00	81736.88	2754.00	1226053.26	0.00	1226053.26
5	**Chainling And Fencing 1680 Mtr 1200 per rmt**	170.00	75682.30	11755.07	87437.37	2550.00	1135234.50	176326.05	1311560.55
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	1286.60	50.00	1336.60	43.35	19298.99	750.00	20048.99
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	32645.78	0.00	32645.78	1099.95	489686.74	0.00	489686.74
	Total	**475.82**	**211830.31**	**12055.07**	**223885.38**	**7137.30**	**3177454.59**	**180826.05**	**3358280.64**
	Contingency 3%						3177454.59		100748.42
	Labour Welfare 4%								134331.23
	Grand Total	**475.82**	**211830.31**	**12055.07**	**223885.38**	**7137.30**	**6354909.17**	**180826.05**	**3593360.28**

Sr. No.	Particulars of works	Man days	Wages	Material supply	Total (Rs. Per Ha.)	Man days	Wages	Material supply	Total (Rs. Per Ha.)
	B. First Year Operation								
1	Purchesing Tall Plants 1333 per Ha. @250 Per Plant	0.00	0.00	333250.00	333250.00	0.00	0.00	4998750.00	4998750.00
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	8209.30	9500.00	17709.30	276.60	123139.55	142500.00	265639.55
3	Sowing of seeds on CCT1200 rmt 5 kg per ha @ Rs 50 per Kg	12.00	5342.28	325.00	5667.28	180.00	80134.20	4875.00	85009.20
4	Removal of weeds from CCT (1.20 MD per 100 rmt)	14.40	6410.74	0.00	6410.74	216.00	96161.04	0.00	96161.04
5	Planting of seedling 1111 per ha (1MD per 100 seedling)	19.11	8507.58	0.00	8507.58	286.65	127613.71	0.00	127613.71
6	3 weedings and two soil workings 3.5 MD per 100 seedlings fertilizers application Rs 0.45 per seedling)	38.88	17308.99	650.00	17958.99	583.20	259634.81	9750.00	269384.81
7	Purchrsing 10% Casualty Plants 111 @250 per plant	0.00	0.00	27750.00	27750.00	0.00	0.00	416250.00	416250.00

8	Casualty replacement (20% 222 seedling per ha) (2 M.D per 100 seedlings)	4.44	1976.64	0.00	1976.64	66.60	29649.65	0.00	29649.65
9	Watch and ward (10 months) 1 watcher per 10 ha	30.00	13355.70	0.00	13355.70	450.00	200335.50	0.00	200335.50
10	Fire tracing	2.00	890.38	0.00	890.38	30.00	13355.70	0.00	13355.70
	Total	**139.27**	**62001.61**	**371475.00**	**433476.61**	**2089.05**	**930024.17**	**5572125.00**	**6502149.17**
	Contingency 3%								195064.48
	Labour Welfare 4%								260085.97
	Grand Total	**139.27**	**62001.61**	**371475.00**	**433476.61**	**2089.05**	**930024.17**	**5572125.00**	**6957299.61**
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	416250.00	416250.00
2	2 weeding and 1 soil working, with fertilizer application at Rs 0.45 per seedling	27.77	12362.93	650.00	13012.93	416.55	185443.89	9750.00	195193.89
3	Casualty replacement (20% 222 seedling per ha) (2 M.D per 100 seedlings)	4.44	1976.64	0.00	1976.64	66.60	29649.65	0.00	29649.65
4	Watch and ward 12 months 1 watcher 10.00 ha	36.50	16249.44	0.00	16249.44	547.50	243741.53	0.00	243741.53
5	Fire tracing	2.00	890.38	0.00	890.38	30.00	13355.70	0.00	13355.70
	Total	**70.71**	**31479.38**	**28400.00**	**59879.38**	**1060.65**	**472190.77**	**426000.00**	**898190.77**
	Contingency 3%								26945.72
	Labour Welfare 4%								35927.63
	Grand Total	**70.71**	**31479.38**	**28400.00**	**59879.38**	**1060.65**	**472190.77**	**426000.00**	**961064.13**
D. Third Year Operations									
1	One weeding 1 soil working (1.50MD per 100 seedlings)	16.67	7421.32	0.00	7421.32	250.05	111319.76	0.00	111319.76
2	Watch and ward 12 months 1 watcher 10.00 ha	36.50	16249.44	0.00	16249.44	547.50	243741.53	0.00	243741.53
3	Fire trenching	2.00	890.38	0.00	890.38	30.00	13355.70	0.00	13355.70
	Total	**55.17**	**24561.13**	**0.00**	**24561.13**	**827.55**	**368416.98**	**0.00**	**368416.98**
	Contingency 3%								11052.51
	Labour Welfare 4%								14736.68
	Grand Total	**55.17**	**24561.13**	**0.00**	**24561.13**	**827.55**	**368416.98**	**0.00**	**394206.17**
E. Fourth Year Operations									
1	Fire trenching	2.00	890.38	0.00	890.38	30.00	13355.70	0.00	13355.70
2	Watch and ward 12 months 1 watcher 10.00 ha	36.50	16249.44	0.00	16249.44	547.50	243741.53	0.00	243741.53
	Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**577.50**	**257097.23**	**0.00**	**257097.23**
	Contingency 3%								7712.92
	Labour Welfare 4%								10283.89
	Grand Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**577.50**	**257097.23**	**0.00**	**275094.03**
F. Fifth Year Operations									
1	Fire trenching	2.00	890.38	0.00	890.38	30.00	13355.70	0.00	13355.70
2	Watch and ward 12 months 1 watcher 10.00 ha	36.50	16249.44	0.00	16249.44	547.50	243741.53	0.00	243741.53
	Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**577.50**	**257097.23**	**0.00**	**257097.23**
	Contingency 3%								7712.92
	Labour Welfare 4%								10283.89
	Grand Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**577.50**	**257097.23**	**0.00**	**275094.03**

G. Sixth Year Operations.									
1	Fire trenching	2.00	890.38	0.00	890.38	30.00	13355.70	0.00	13355.70
2	Watch and ward 12 months 1 watcher 10.00 ha	36.50	16249.44	0.00	16249.44	547.50	243741.53	0.00	243741.53
	Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**577.50**	**257097.23**	**0.00**	**257097.23**
	Contingency 3%								7712.92
	Labour Welfare 4%								10283.89
	Grand Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**577.50**	**257097.23**	**0.00**	**275094.03**

H. Seventh Year Operations									
1	Fire trenching	2.00	890.38	0.00	890.38	30.00	13355.70	0.00	13355.70
2	Watch and ward 12 months 1 watcher 10.00 ha	36.50	16249.44	0.00	16249.44	547.50	243741.53	0.00	243741.53
	Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**577.50**	**257097.23**	**0.00**	**257097.23**
	Contingency 3%								7712.92
	Labour Welfare 4%								10283.89
	Grand Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**577.50**	**257097.23**	**0.00**	**275094.03**

I. Eighth Year Operations									
1	Fire trenching	2.00	890.38	0.00	890.38	30.00	13355.70	0.00	13355.70
2	Watch and ward 12 months 1 watcher 10.00 ha	36.50	16249.44	0.00	16249.44	547.50	243741.53	0.00	243741.53
	Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**577.50**	**257097.23**	**0.00**	**257097.23**
	Contingency 3%								7712.92
	Labour Welfare 4%								10283.89
	Grand Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**577.50**	**257097.23**	**0.00**	**275094.03**

J. Nineth Year Operations									
1	Fire trenching	2.00	890.38	0.00	890.38	30.00	13355.70	0.00	13355.70
2	Watch and ward 12 months 1 watcher 10.00 ha	36.50	16249.44	0.00	16249.44	547.50	243741.53	0.00	243741.53
	Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**577.50**	**257097.23**	**0.00**	**257097.23**
	Contingency 3%								7712.92
	Labour Welfare 4%								10283.89
	Grand Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**577.50**	**257097.23**	**0.00**	**275094.03**

K. Tenth Year Operations									
1	Fire trenching	2.00	890.38	0.00	890.38	30.00	13355.70	0.00	13355.70
2	Watch and ward 12 months 1 watcher 10.00 ha	36.50	16249.44	0.00	16249.44	547.50	243741.53	0.00	243741.53
	Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**577.50**	**257097.23**	**0.00**	**257097.23**
	Contingency 3%								7712.92
	Labour Welfare 4%								10283.89
	Grand Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**577.50**	**257097.23**	**0.00**	**275094.03**

13831588.41

(Swetha Bodhu)
Dy. Conservator of Forests
Central Chanda Division,
Chandrapur

उपविभागीय वन अधिकारी
राजुरा

ABSTRACT

Sr. No.	Year of Operation	Expenditure per ha.				Expenditure for 15.00 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	475 82	211830 3058	12055 07	223885 3758	7137 30	3177454 59	180826 05	3358280 64	100748 42	134331 23	3593360 28
2	First Year Operation	139 27	62001 6113	371475 00	433476 6113	2089 05	930024 17	5572125	6502149 17	195064 48	260085 97	6957299 61
3	Second Year Operation	70 71	31479 3849	28400 00	59879 3849	1060 65	472190 77	426000	898190 77	26945 72	35927 63	961064 13
4	Third Year Operation	55 17	24561 1323	0 00	24561 1323	827 55	368416 98	0	368416 98	11052 51	14736 68	394206 17
5	Fourth Year Operation	38 50	17139 815	0 00	17139 815	577 50	257097 23	0	257097 23	7712 92	10283 89	275094 03
6	Fifth Year Operation	38 50	17139 815	0 00	17139 815	577 50	257097 23	0	257097 23	7712 92	10283 89	275094 03
7	Sixth Year Operation	38 50	17139 815	0 00	17139 815	577 50	257097 23	0	257097 23	7712 92	10283 89	275094 03
8	Seventh Year Operation	38 50	17139 815	0 00	17139 815	577 50	257097 23	0	257097 23	7712 92	10283 89	275094 03
9	Eighth Year Operation	38 50	17139 815	0 00	17139 815	577 50	257097 23	0	257097 23	7712 92	10283 89	275094 03
10	Nineth Year Operation	38 50	17139 815	0 00	17139 815	577 50	257097 23	0	257097 23	7712 92	10283 89	275094 03
11	Tenth Year Operation	38 50	17139 815	0 00	17139 815	577 50	257097 23	0	257097 23	7712 91675	10283 89	275094 03
		1010.47	**449851.14**	**411930.07**	**861781.21**	**15157.05**	**6747767.09**	**6178951.05**	**12926718.14**	**387801.54**	**517068.73**	**13831588.41**
										Grand Total		**13831588.00**

उपविभागीय वन अधिकारी
राजुरा

Range Forest Officer
Rajura

(Sweta Bodhe)
Dy. Conservator of Forests
Central Chanda Division,
Chandrapur

COMPENSATORY AFFORESTATION SCHEME
Greenfield Airport, Chandrapur at Village Vihirgaon & Murti
Model No. 3

Division - Central Chanda Division, Chandrapur
Range - Rajura
Round - Vihirgaon
Beat - Murti
Com. No - 200

Area 10.00 Ha
Spacement 3.00m x3.00m
Size Of Pits 0.45x0.45x0.45m
No of Seedling 1111 per ha
Wages Rate 445.19 per day
Periferal Length (meter) 1500.00

Sr. No	Particulars of Works	Per Hector Mandays	Per Hector Wages	Per Hector Material Supply	Per Hector Total (Rs. Per Ha.)	Expenditure for 10.00 ha.
1	2	3	4	5	6	7
	A. Pre Mansoon Works PPO/PYO					
1	Survey and Demarcation	1.00	445.19	50.00	495.19	4951.90
2	Preparation of treatment map (100 m X 50 m grid)	1.00	445.19	50.00	495.19	4951.90
3	Cleaning of bushes and preparation of site (As per requirement)	10.00	4451.90	50.00	4501.90	45019.00
4	Soil and Moisture conservation works including collection of rubbles from areas upto 30 m etc	31.00	13800.89	0.00	13800.89	138008.90
5	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	1335.57	100.00	1435.57	14355.70
6	Digging of CCT of zize 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	81736.88	0.00	81736.88	817368.84
7	Chainling and fencing 1500 Mtr 1200 Per RMT	170.00	75682.30	11755.07	87437.37	874373.70
8	Aligement of pits at 3.0 X 3.0 m spacement. 1111 pits per Ha (0.13 M.D. and M & S @ rs. 2.24 per 50 pits.	2.89	1286.60	50.00	1336.60	13365.99
9	Digging of pits of size 0.45 X 0.45 X 0.45 m (1111 pits per ha) 6.60 MD per 100 pits	73.33	32645.78	0.00	32645.78	326457.83
	Total	**475.82**	**211830.31**	**12055.07**	**223885.38**	**2238853.76**
	Contingency 3%				**6716.56**	**67165.61**
	Labour Welfare 4%				**8955.42**	**89554.15**
	Grand Total				**239557.35**	**2395573.52**
	B. First Year Operations					
1	Purchesing Tall Plants 1333 per Ha @250 per plant	0	0.00	333250.00	333250.00	3332500
2	Refilling of pits with good quality soil a) wages 1.66 M.D. per 100 pits b) 20% soil replacement 20 cum per ha. Rs. 300/- per cum c) Filling 5% farm yard manure in pits. 5 cum per ha. Rs. 700/- per cum	18.44	8209.30	9500.00	17709.30	177093.036
3	Sowing of seeds on CCT. 1200 rmt. 5 kg per ha @ Rs. 50 per kg	12.00	5342.28	325.00	5667.28	56672.8
4	Removal of weeds from CCT (1.20 M.D. per 100 rmt)	14.40	6410.74	0.00	6410.74	64107.36
5	Planting of seedling, 1111 per ha (1.00 M.D. per 100 seedlings.)	19.11	8507.58	0.00	8507.58	85075.809
6	3 weedings and 2 Soil workings (3.50 M.D. per 100 seedlings) fertilizer application Rs. 0.45 per seedling.	38.88	17308.99	650.00	17958.99	179589.872
7	Purcheshing 10% Casualty Plants 1111 per ha.	0	0.00	27750.00	27750.00	277500.00
8	Casulaty Replacement (20% 222 Seedling per ha.)(2 MD per p 100 Seedling)	4.44	1976.64	0.00	1976.64	19766.44
9	Watch and ward 10 months - 1 watcher per 10.00 ha	30.00	13355.70	0.00	13355.70	133557
10	Fire tracing	2.00	890.38	0.00	890.38	8903.8
	Total	**139.27**	**62001.61**	**371475.00**	**433476.61**	**4334766.11**
	Contingency 3%				13004.30	130042.98
	Labour Welfare 4%				17339.06	173390.64
	Grand Total				**463819.97**	**4638199.74**

	C. Second Year Operations					
1	Purcheshing Tall Plants for 10% Casulty @250 per plant	0	0.00	27750.00	27750.00	277500.00
2	2 Weeding and 1 Soil Working, with fertilizer application at Rs. 0.45 per seedling	27.77	12362.93	650.00	13012.93	130129.26
3	Casulaty Replacement (20% 222 Seedling per ha.)(2 MD per 100 Seedling)	4.44	1976.64	0.00	1976.64	19766.44
4	Watch and ward 12 months - 1 watcher per 10.00 ha	36.50	16249.44	0.00	16249.44	162494.35
5	Fire tracing	2.00	890.38	0.00	890.38	8903.80
	Total	**70.71**	**31479.38**	**28400.00**	**59879.38**	**598793.85**
	Contingency 3%				1796.38	17963.82
	Labour Welfare 4%				2395.18	23951.75
	Grand Total				**64070.94**	**640709.42**
	D. Third Year Operations					
1	1 Weeding and 1 Soil Working (1.50 M.D. per 100 seedlings)	16.67	7421.32	0.00	7421.32	74213.17
2	Watch and ward 12 months - 1 watcher per 10.00 ha	36.50	16249.44	0.00	16249.44	162494.35
3	Fire tracing	2.00	890.38	0.00	890.38	8903.80
	Total	**55.17**	**24561.13**	**0.00**	**24561.13**	**245611.32**
	Contingency 3%				736.83	7368.34
	Labour Welfare 4%				982.45	9824.45
	Grand Total				**26280.41**	**262804.12**
	E. Fourth Year Operations					
1	Fire tracing	2.00	890.38	0.00	890.38	8903.80
2	Watch and ward 12 months - 1 watcher per 10.00 ha	36.50	16249.44	0.00	16249.44	162494.35
	Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**171398.15**
	Contingency 3%				514.19	5141.94
	Labour Welfare 4%				685.59	6855.93
	Grand Total				**18339.60**	**183396.02**
	F. Fifth Year Operations					
1	Fire tracing	2.00	890.38	0.00	890.38	8903.80
2	Watch and ward 12 months - 1 watcher per 10.00 ha	36.50	16249.44	0.00	16249.44	162494.35
	Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**171398.15**
	Contingency 3%				514.19	5141.94
	Labour Welfare 4%				685.59	6855.93
	Grand Total				**18339.60**	**183396.02**
	G. Sixth Year Operations					
1	Fire tracing	2.00	890.38	0.00	890.38	8903.80
2	Watch and ward 12 months - 1 watcher per 10.00 ha	36.50	16249.44	0.00	16249.44	162494.35
	Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**171398.15**
	Contingency 3%				514.19	5141.94
	Labour Welfare 4%				685.59	6855.93
	Grand Total				**18339.60**	**183396.02**
	H. Seventh Year Operations					
1	Fire tracing	2.00	890.38	0.00	890.38	8903.80
2	Watch and ward 12 months - 1 watcher per 10.00 ha	36.50	16249.44	0.00	16249.44	162494.35
	Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**171398.15**
	Contingency 3%				514.19	5141.94
	Labour Welfare 4%				685.59	6855.93
	Grand Total				**18339.60**	**183396.02**

	I. Eighth Year Operations					
1	Fire tracing	2.00	890.38	0.00	890.38	8903.80
2	Watch and ward 12 months - 1 watcher per 10.00 ha	36.50	16249.44	0.00	16249.44	162494.35
	Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**171398.15**
	Contingency 3%				514.19	5141.94
	Labour Welfare 4%				685.59	6855.93
	Grand Total				**18339.60**	**183396.02**
	J. Nineth Year Operations					
1	Fire tracing	2.00	890.38	0.00	890.38	8903.80
2	Watch and ward 12 months - 1 watcher per 10.00 ha	36.50	16249.44	0.00	16249.44	162494.35
	Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**171398.15**
	Contingency 3%				514.19	5141.94
	Labour Welfare 4%				685.59	6855.93
	Grand Total				**18339.60**	**183396.02**
	K. Tenth Year Operations					
1	Fire tracing	2.00	890.38	0.00	890.38	8903.80
2	Watch and ward 12 months - 1 watcher per 10.00 ha	36.50	16249.44	0.00	16249.44	162494.35
	Total	**38.50**	**17139.82**	**0.00**	**17139.82**	**171398.15**
	Contingency 3%				514.19	5141.94
	Labour Welfare 4%				685.59	6855.93
	Grand Total				**18339.60**	**183396.02**

Grand Total **9221058.94**

Range Forest Officer
Rajura (T.)

उपविभागीय वन अधिकारी
राजुरा

Dy. Conservator of Forests
Central Chanda Division,
Chandrapur

Abstract

Sr. No.	Year Of Operation	Expenditure Per Ha.				Expenditure for 10.00 Ha						
		Man Days	Wages	Material Supply	Total	Man Days	Wages	Material Supply	Total	Contingency 3%	Labour Welfare 4%	Grand Total
1	Pre Monsoon Work	475.82	211830.31	12055.07	223885.38	4758.20	2118303.06	120550.70	2238853.76	67165.61	89554.15	2395573.52
2	First Yeat Operation	139.27	62001.61	371475.00	433476.61	1392.70	620016.11	3714750.00	4334766.11	130042.98	173390.64	4638199.74
3	Secound Year Operation	70.71	31479.38	28400.00	59879.38	707.10	314793.85	284000.00	598793.85	17963.82	23951.75	640709.42
4	Third Year Operation	55.17	24561.13	0.00	24561.13	551.70	245611.32	0.00	245611.32	7368.34	9824.45	262804.12
5	Fourth Year Operation	38.50	17139.82	0.00	17139.82	385.00	171398.15	0.00	171398.15	5141.94	6855.93	183396.02
6	Fifth Year Operation	38.50	17139.82	0.00	17139.82	385.00	171398.15	0.00	171398.15	5141.94	6855.93	183396.02
7	Sixth Year Operation	38.50	17139.82	0.00	17139.82	385.00	171398.15	0.00	171398.15	5141.94	6855.93	183396.02
8	Seventh Year Operation	38.50	17139.82	0.00	17139.82	385.00	171398.15	0.00	171398.15	5141.94	6855.93	183396.02
9	Eight Year Operation	38.50	17139.82	0.00	17139.82	385.00	171398.15	0.00	171398.15	5141.94	6855.93	183396.02
10	Nineth Year Operation	38.50	17139.82	0.00	17139.82	385.00	171398.15	0.00	171398.15	5141.94	6855.93	183396.02
11	Tenth Year Operation	38.50	17139.82	0.00	17139.82	385.00	171398.15	0.00	171398.15	5141.94	6855.93	183396.02
	Total	**1010.47**	**449851.139**	**411930.07**	**861781.2093**	**10104.70**	**4498511.39**	**4119300.70**	**8617812.09**	**258534.363**	**344712.4837**	**9221058.94**

Range Forest Officer
Rajura (T.)

उपविभागीय वन अधिकारी
राजुरा

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Central Chanda Division,
Chandrapur