

3	Providing and fixing chain link fencing, 102 Rmt per ha (With one gate + two wickets gates for one site) (Rs.1494/- per Rmt of basic rate + 20% for transportation of ave. leadplus 20% for trial/remote area (by tender process) (Rs.1494+149+149=1792/- per Rmt (1.60 Rmt height with G.I. Chain link size 50mmx50m, 8 gauge thick and fixed 75mm above ground level complete as per SSR item No.1744 for 2017-18)	0.00	0.00	0.00	0.00	As per SSR rates 2017/18 Item No. 1744	0	0	0	0
4	Alignment of pits at 3m x 3m spacement. 1111 pits per 100 pits 0.26 M.D. M/S 8.18 per 100 pits	2.89	1195.56	262.99	1458.55	Item No. 4	425	175743	38658	214402
5	Digging of pits of size 0.45 x 0.45 x 0.45 m (1111 pits per ha) 6.60 M.D per 100 pits. Note:- As per local conditions provision for mechanized digging can be made.	73.33	30335.89	6673.03	37008.92	Item No. 5	10779	4459254	980909	5440163
6	Construction of 5.00 Rmt wide Inspection Path 1M.D. per 100 Rmt	1.00	413.69	91.00	504.69	Item No. 6	147	60811	13377	74187
7	Enumeration of all valuable plant species at plantation site and grid wise counting and providing color band and recording the same in Register (0.75 M.D.) per 100 plants	0.75	310.27	68.25	378.52	Item No. 7	110	45608	10032	55641
8	Providing and fixing (4 feet x 3 feet) information board each per site	0.00	0.00	0.00	0.00	Item No. 8	0	0	0	0
9	Part Nursery cost of raising 1333 seedlings per ha (including 20% casualty replacement) in polygons of size 12.50 x 25.00 cm (Wages Rs.11.90 and M & S Rs.3.62 per plant)	46.70	19319.32	4249.70	23569.02	Item No. 9 20% Casualty replacement in place of 10%	6865	2839863	624689	3464552
Total		168.07	69528.88	15294.37	84823.25		24706	10220467	2248211	12468678
Contingency 3%			0.00	2544.70	2544.70			0	374060	374060
Labour Welfare 4%			0.00	3392.93	3392.93			0	498747	498747
Grand Total		168.07	69528.88	21232.00	90760.88		24706	10220467	2248211	13341486

6. First Year Operations

1	Part Nursery cost for maintenance of 1333 seedling per ha Rs. 3.77 per seedling (Wages Rs.2.69, M & S Rs. 0.81)	14.80	6122.61	1346.80	7469.41	Letter Dt. 07/03/2018 Integrated & feeding Plantation Model no. 1 Item No. 1 casualty replacement 20%	2176	869629	197974	1067603
2	Refilling of pits by good quality soil including application of single super phosphate (1.66 MD per 100 pits)	18.44	7628.44	1678.04	9306.48	Item No. 2	2711	1083511	246665	1330176
3	Transportation of 1333 seedlings from Nursery to plantation site including loading & unloading (0.14 M.D. per 100 seedlings & M.S. Rs.1.82 Per seedlings)	1.87	773.60	170.17	943.77	Item No. 3 10% Extra Plants to be transported	275	109879	25014	134893
4	Planting of 1111 seedlings (1.0 M.D per 100 seedlings)	11.11	4596.10	1011.01	5607.11	Item No. 4	1633	652809	148614	801424
5	3 seedlings (1 Rmt circular) and 2 soil workings (4.00 M.D per 100 seedlings) fertilizer application Rs.0.82 per seedling	44.44	18384.38	4044.04	22428.42	Item No. 5	6533	2611237	594458	3205695
6	Casualty replacement (20% 222 Seedlings per ha.) (2 M.D. per 100 seedlings)	4.44	1836.78	404.04	2240.82	Item No. 6 20% instead of 10%	653	260889	59392	320281
7	Part Nursery cost for causality replacement in SYO (222 seedlings per ha.) (wages Rs. 11.90 and material supply Rs.3.62 total Rs.12.55 per seedling)	7.78	3218.51	707.98	3926.49	Item No. 8 20% instead of 10%	1144	457143	104070	561213
8	Watch and ward (10 months-1 watcher per 10 ha)	27.38	11326.83	2491.58	13818.41	Item No. 9	4025	1608814	366252	1975066
9	Soil working for naturally grower plants and singling (1.15 M.D. per 100 plants)	1.15	475.74	104.65	580.39	Item No. 10	169	67573	15383	82956
10	Fire tracing	2.00	827.38	182.00	1009.38	Item No. 12	294	117517	26753	144271
Total		133.41	55190.38	12140.31	67330.69		19610.74	783899.65	1784577.01	9623576.65
Contingency 3%			0.00	2019.92	2019.92			0.00	288707.30	288707.30
Labour Welfare 4%			0.00	2693.23	2693.23			0.00	384943.07	384943.07
Grand Total		133.41	55190.38	7174.64	72043.84		19610.74	783899.65	1784577.01	10297227.02

C. Second Year Operations

1	Part nursery cost for seedlings for causality replacement (222 seedlings per ha) labour rate @ Rs.1.82 per seedlings.	2.46	1017.68	223.86	1241.54	Letter Dt. 07/03/2018 Irrigated & fencing Plantation Model no. 1 Item No. 1 causality replacement 20%	362	144546	32907	177453
2	Transportation of 222 seedlings for causality replacement from nursery to plantation site (including loading and unloading) wages 0.14 M.D Per 100 Seedling & M.S. Rs.1.82 per seedlings	0.31	128.24	28.21	156.45	Item No. 2 20% instead of 10%	46	18215	4147	22362
3	Planting for causality replacement 222 seedlings (2.00 M.D. per 100 seedlings)	4.44	1836.78	404.04	2240.82	Item No. 3 20% instead of 10%	653	260889	59392	320281
4	2 weedings and 1 soil working, with fertilizer application 2.5 M.D. per 100 seedlings at M.S. Rs. 0.82 per seedling	27.77	11488.17	2527.07	14015.24	Item No. 4	4082	1631729	371469	2003199
5	Watch and ward 12 months -1 watcher per 10.00 ha.	36.50	15099.69	3321.50	18421.19	Item No. 6	5365	2144693	488247	2632940
6	Fire tracing	2.00	827.38	182.00	1009.38	Item No. 8	294	117517	26753	144271
	Total									
	Contingency 3%	73.48	30397.94	6686.68	37084.62		10801.27	4317590.09	982915.21	5300505.30
	Labour Welfare 4%		0.00	1112.54	1112.54			0.00	159015.16	159015.16
	Grand Total	73.48	30397.94	1483.38	1483.38			0.00	212020.21	212020.21
D. Third Year Operations										
1	1 weeding and 1 soil working (1.50 M.D. per 100 seedlings) applying fertilizer @ Rs.0.82 per plant.	16.67	6896.21	1516.97	8413.18	Letter Dt. 07/03/2018 Irrigated & fencing Plantation Model no. 1 Item No. 1	2450	979508	222989	1202496
2	Watch and ward 12 months 1 watcher per 10.00 ha	36.50	15099.69	3321.50	18421.19	Item No. 3	5365	2144693	488247	2632940
3	Counting of survival percentage Grid wise and Species wise and to Note the same in Register in May and October.	2.00	827.38	182.00	1009.38	Item No. 5	294	117517	26753	144271
4	Fire tracing	2.00								
	Total		827.38	182.00	1009.38	Item No. 6	294	117517	26753	144271
	Contingency 3%	57.17	23650.66	5202.47	28853.13		8403.76	3359235.51	764742.28	4123977.79
	Labour Welfare 4%		0.00	865.59	865.59			0.00	123719.33	123719.33
	Grand Total	57.17	23650.66	936.02	1154.13		8403.76	3359235.51	164959.11	164959.11

E. Fourth Year Operations

1	Watch and ward 12 months 1 watcher per 10.00 ha	36.50	15099.69	3321.50	18421.19	Letter Dt. 07/03/2018 Irrigated & fencing Plantation Model no. 1 Item No. 1	5365	2144693	488247	2632940
2	Counting of survival percentage Grid wise and Species wise and to Note the same on Register in May and October.	2.00	827.38	182.00	1009.38	Item No. 2	294	117517	26753	144271
3	Fire tracing	2.00	827.38	182.00	1009.38	Item No. 3	294	117517	26753	144271
	Total	40.50	16754.45	3685.50	20439.95		5953.34	2379727.80	541753.76	2921481.56
	Contingency 3%		0.00	613.20	613.20			0.00	87644.45	87644.45
	Labour Welfare 4%		0.00	817.60	817.60			0.00	116859.26	116859.26
	Grand Total	40.50	16754.45	25.00	21870.74		5953.34	2379727.80	541753.76	3125985.27

F. Fifth Year Operations

1	Watch and ward 12 months 1 watcher per 10.00 ha	36.50	15099.69	3321.50	18421.19	Letter Dt. 07/03/2018 Irrigated & fencing Plantation Model no. 1 Item No. 1	5365	2144693	488247	2632940
2	Counting of survival percentage Grid wise and Species wise and to Note the same on Register in May and October.	2.00	827.38	182.00	1009.38	Item No. 2	294	117517	26753	144271
3	Fire tracing	2.00	827.38	182.00	1009.38	Item No. 3	294	117517	26753	144271
	Total	40.50	16754.45	3685.50	20439.95		5953.34	2379727.80	541753.76	2921481.56
	Contingency 3%		0.00	613.20	613.20			0.00	87644.45	87644.45
	Labour Welfare 4%		0.00	817.60	817.60			0.00	116859.26	116859.26
	Grand Total	40.50	16754.45	25.00	21870.74		5953.34	2379727.80	541753.76	3125985.27

G. Sixth Year Operations

1	Watch and ward 12 months 1 watcher per 10.00 ha	36.50	15099.69	3321.50	18421.19	Letter Dt. 07/03/2018 Irrigated & fencing Plantation Model no. 1 Item No. 1	5365	2144693	488247	2632940
2	Counting of survival percentage Grid wise and Species wise and to Note the same on Register in May and October.	2.00	827.38	182.00	1009.38	Item No. 2	294	117517	26753	144271
3	Fire tracing	2.00	827.38	182.00	1009.38	Item No. 3	294	117517	26753	144271
	Total	40.50	16754.45	3685.50	20439.95		5953.34	2379727.80	541753.76	2921481.56
	Contingency 3%		0.00	613.20	613.20			0.00	87644.45	87644.45
	Labour Welfare 4%		0.00	817.60	817.60			0.00	116859.26	116859.26
	Grand Total	40.50	16754.45	25.00	21870.74		5953.34	2379727.80	541753.76	3125985.27

H. Seventh Year Operations

1	Watch and ward 12 months 1 watcher per 10.00 ha	36.50	15099.69	3321.50	18421.19	Letter Dt. 07/03/2018 Irrigated & fencing Plantation Model no. 1 Item No. 1	5365	2144693	488247	2632940
2	Counting of survival percentage Grid wise and Species wise and to Note the same on Register in May and October.	2.00	827.38	182.00	1009.38	Item No. 2	294	117517	26753	144271
3	Fire tracing	2.00	827.38	182.00	1009.38	Item No. 3	294	117517	26753	144271
	Total	40.50	16754.45	3685.50	20439.95		5953.34	2379727.80	541753.76	2921481.56
	Contingency 3%		0.00	613.20	613.20			0.00	87644.45	87644.45
	Labour Welfare 4%		0.00	817.60	817.60			0.00	116859.26	116859.26
	Grand Total	40.50	16754.45	25.00	21870.74		5953.34	2379727.80	541753.76	3125985.27
I. Eighth Year Operations										
1	Watch and ward 12 months 1 watcher per 10.00 ha	36.50	15099.69	3321.50	18421.19	Letter Dt. 07/03/2018 Irrigated & fencing Plantation Model no. 1 Item No. 1	5365	2144693	488247	2632940
2	Counting of survival percentage Grid wise and Species wise and to Note the same on Register in May and October.	2.00	827.38	182.00	1009.38	Item No. 2	294	117517	26753	144271
3	Fire tracing	2.00	827.38	182.00	1009.38	Item No. 3	294	117517	26753	144271
	Total	40.50	16754.45	3685.50	20439.95		5953.34	2379727.80	541753.76	2921481.56
	Contingency 3%		0.00	613.20	613.20			0.00	87644.45	87644.45
	Labour Welfare 4%		0.00	817.60	817.60			0.00	116859.26	116859.26
	Grand Total	40.50	16754.45	25.00	21870.74		5953.34	2379727.80	541753.76	3125985.27
J. Ninth Year Operations										
1	Watch and ward 12 months 1 watcher per 10.00 ha	36.50	15099.69	3321.50	18421.19	Letter Dt. 07/03/2018 Irrigated & fencing Plantation Model no. 1 Item No. 1	5365	2144693	488247	2632940
2	Counting of survival percentage Grid wise and Species wise and to Note the same on Register in May and October.	2.00	827.38	182.00	1009.38	Item No. 2	294	117517	26753	144271
3	Fire tracing	2.00	827.38	182.00	1009.38	Item No. 3	294	117517	26753	144271
	Total	40.50	16754.45	3685.50	20439.95		5953.34	2379727.80	541753.76	2921481.56
	Contingency 3%		0.00	613.20	613.20			0.00	87644.45	87644.45
	Labour Welfare 4%		0.00	817.60	817.60			0.00	116859.26	116859.26
	Grand Total	40.50	16754.45	25.00	21870.74		5953.34	2379727.80	541753.76	3125985.27

K. Tenth Year Operations										
1	Watch and ward 12 months 1 watcher per 10.00 ha	36.50	15099.69	3321.50	18421.19	Letter Dt. 07/03/2018 Irrigated & fencing Plantation Model no. 1 Item No. 1	5365	2144693	488247	2632940
2	Counting of survival percentage Grid wise and Species wise and to Note the same on Register in May and October.	2.00	827.38	182.00	1009.38	Item No. 2	294	117517	26753	144271
3	Fire tracing	2.00	827.38	182.00	1009.38	Item No. 3	294	117517	26753	144271
	Total	40.50	16754.45	3685.50	20439.95		5953.34	2379727.80	541753.76	2921481.56
	Contingency 3%		0.00	613.20	613.20			0.00	87644.45	87644.45
	Labour Welfare 4%		0.00	817.60	817.60			0.00	116859.26	116859.26
	Grand Total	40.50	16754.45	25.00	21870.74		5953.34	2379727.80	541753.76	3125985.27

Pogad
Ranger Forest Officer
Ratmagiri

(D. P. Khade)
Divisional Forest Officer
Ratmagiri (Chiplun Division)

Compensatory Afforestation Scheme for Diversion of 146.996 ha forest land for Integrated coal mining including post mine reclamation in Marki Mangli II coal block in Yevatal District

Abstract for Model No.4

S. N.	Year of operation	Man days	Wages	Material supply	Total	Man days	Wages	Material supply	Total
1	Pre Monsoon works	168	69529	21232	90761	24706	10220467	2248211	13341486
2	First Year Operations	133	55190	7175	72044	19611	7839000	1784577	10297227
3	Second Year Operations	73	30398	1719	39681	10801	4317590	982915	5671541
4	Third Year Operations	57	23651	936	30873	8404	3359236	764742	4412656
5	Fourth Year Operations	41	16754	25	21871	5953	2379728	541754	3125985
6	Fifth Year Operations	41	16754	25	21871	5953	2379728	541754	3125985
7	Sixth Year Operations	41	16754	25	21871	5953	2379728	541754	3125985
8	Seventh Year Operations	41	16754	25	21871	5953	2379728	541754	3125985
9	Eighth Year Operations	41	16754	25	21871	5953	2379728	541754	3125985
10	Ninth Year Operations	41	16754	25	21871	5953	2379728	541754	3125985
11	Tenth Year Operations	41	16754	3686	20440	5953	2379728	541754	3125985
Total		716	296049	34897	385022	105195	42394387	9572722	55604806

Cost per plant 346.55

1. Rates of chain linked fencing derived from SSR-2017-18 with addition for area difference and transportation lead
2. Plantation M.D. and M.S. component derived from rate structure as approved by PCCF (HoFF) M.S. vide letter No.Desk-1/EGS/CR-10/2282/2017-18/Nagpur, Dated 07/03/2018.

(Signature)
Range Forest Officer
Ratnagiri

(Signature)
(D. P. Khade)
Divisional Forest Officer
Ratnagiri (Chiplun)

Divisional Forest Officer
Ratnagiri Forst Division (Chiplun)