

Model Rate Structure for Compensatory Afforestation

Model No.3

Model rate structure for plantation of mixed tree species with rainfall upto 800 mm, and medium quality, mediu drained soil with soil depth upto 30 cm. (Total 1111 Plants per Hactare)

Spacement - 3.0m x 3.0m
Size of Pits - 0.45 x 0.45 x 0.45 M
No. of Seedlings - 1111 per ha.

Village- Aghai
District - Raigadh

Gat No - 23/11

Taluka - Pen

Range - Pen

Division- Alibaug

DAILY WAGES RATE

320.38

Area :-

31.0000 Hectare

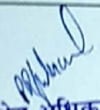
Sr. No.	Partifulars of works	Mandays	Wages	Material supply	Total	Wages	Material supply	Total
P.P.O + P.Y.O.WORKS								
1	A) Survey & Demarcation	1.00	320.38	50.00	370.38	9931.78	1550.00	11481.78
	B) Preparation of treatment map (100 m x 50 m grid)	1.00	320.38	50.00	370.38	9931.78	1550.00	11481.78
	C) Clearing of bushes and preparation of site (As per requirement)	10.00	3203.80	50.00	3253.80	99317.80	1550.00	100867.80
2	Soil and moisture Conservation work - Tincluding collection of rubbles from areas upto 30 m etc.	31.00	9931.78	0.00	9931.78	307885.18	0.00	307885.18
	Forest Pond	0.00	299000.00	0.00	0.00	299000.00	0.00	299000.00
	Bore Well	0.00	100000.00	0.00	0.00	100000.00	0.00	100000.00
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	961.14	96.00	1057.14	29795.34	2976.00	32771.34
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	58821.77	0.00	58821.77	1823474.81	0.00	1823474.81
5	Digging of Trench cum mound (TCM) of size 1.90 x 0.60 x 1.00 m along the periphery of plantatio aea including spreading/stacking the excavated soil as directed in 1 m width and 1 M height. Length 102 Rmt per Ha (127.50 cum per ha.)	82.57	26453.78	50.00	26503.78	820067.07	1550.00	821617.07

6	Alignment of pits at 3.0m x 3.0m spacement. 1111 pits per ha) M&S @ Rs. 0.13 M.D. and Rs. 2.24 per 6.60 M.D. per 100 pits	2.86	916.29	49.77	966.06	28404.89	1542.87	29947.76
7	Digging of pits of size 0.45x0.45x0.45m 1111 pits per ha. 6.60 M.D. per 100 pits	73.33	23493.47	0.00	23493.47	728297.43	0.00	728297.43
8	Part Nursery cost for raising of 1333 seedlings per ha. (ncluding 20% casuality replacement) in polybag of size 12.50cmx25.00cm (Wage Rs. 8.80 +M.S. Rs. 1.76 per plant)	38.66	12385.89	2346.08	14731.97	383962.61	72728.48	456691.09
TOTAL :-		427.02	535808.67	2691.85	139500.52	4640068.70	83447.35	4723516.05
13	Contingancy 3%				4185.02	139202.06	2503.42	141705.48
14	Labour welfare (Medi &water) 4%				5580.02	185602.75	3337.89	188940.64
TOTAL :-			535808.67	2691.85	149265.55	4964873.50	89288.66	5054162.17
SAY AS TOTAL :-					149266			5054162

वनपरिक्षेत्र अधिकारी
वेण (संग्रहण)

Sr. No.	Partifulars of works	Mandays	Wages	Material supply	Total	Wages	Material supply	Total
First Year Operation								
1	Part nusery cost for 1333 seedlings per ha per ha. Rs. 1.55 per seedlings (Wages Rs. 1.11, M & S Rs. 0.44	11.68	3742.04	586.52	4328.56	116003.19	18182.12	134185.31
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 anure in pits. 5 cum per ha. Rs. 700/- per cum	18.44	5907.81	9500.00	15407.81	183142.02	294500.00	477642.02
3	Transportation of 1333 seedlings from nursery to planting site including loading & unloading Rs. 0.14 M.D. per 100 seedlings and M.S. Rs. 1 per seedlings)	1.55	496.59	1333.00	1829.59	15394.26	41323.00	56717.26
4	Planting agave suckers in 3 rows on TCM (306 suckers Rs. 3 per sucker)	1.00	320.38	981.00	1301.38	9931.78	30411.00	40342.78
5	Sowing of seeds onCCT. 1200 rmt. 5 kg per ha @ Rs. 50 per kg	12.00	3844.56	250.00	4094.56	119181.36	7750.00	126931.36
	Removal of weeds from CCT, (1.20 M.D. per 100 rmt)	14.40	4613.47	0.00	4613.47	143017.63	0.00	143017.63
	Planting of seedling 1111 per ha (1.00 MD per 100 seedling.)	11.11	3559.42	0.00	3559.42	110342.08	0.00	110342.08
6	3 weedings and 2 soil working (3.50 M.D. per 100 seedlings) fertilizer application Rs. 0.45 per seedling	38.88	12456.37	500.00	12956.37	386147.61	15500.00	401647.61
7	Casualty Replacement (20% 222 seedlings per ha.) (2 M.D. per 100 seedlings)	4.44	1422.49	0.00	1422.49	44097.10	0.00	44097.10

8	Part nursery cost for casuality replacement in SYO (222 seedlings per ha.) (wages Rs. 8.80 and material supply Rs. 1.76 total Rs. 10.56 per seedling)	7.78	2492.56	390.72	2883.28	77269.25	12112.32	89381.57
9	Watch and ward (9 months-1 watcher per 10 ha.)	30.00	9611.40	0.00	9611.40	297953.40	0.00	297953.40
10	Fire tracing	2.00	640.76	0.00	640.76	19863.56	0.00	19863.56
TOTAL :-		153.28	49107.85	13541.24	62649.09	1522343.24	419778.44	1942121.68
Contingancy 3%					1879.47	45670.30	12593.35	58263.65
Labour welfare (Medi &water) 4%					2505.96	60893.73	16791.14	77684.87
Grand TOTAL :-			49107.85	13541.24	67034.52	1628907.27	449162.93	2078070.20
SAY AS TOTAL :-					67035			2078070


 खनपरिक्षेत्र अधिकारी
 चेण (मंगझण)

Sr. No.	Partifulars of works	Mandays	Wages	Material supply	Total	Wages	Material supply	Total
Second Year Operation								
1	Part Nursery cost for seedlings for casualty replacement (222 seedlings per ha.)	1.95	624.74	97.67	722.41	19366.97	3027.77	22394.74
2	Transportation of 222 seedlings for casualty replacement from Nursery to plantation site including loading and unloading (0.14 M.D. & Rs 1 M & S per 100 Seedlings)	0.31	99.32	222.00	321.32	3078.85	6882.00	9960.85
3	Planting for Casualty replacement 222 seedlings (2 M.D. per 100 seedling)	4.44	1422.49	0.00	1422.49	44097.10	0.00	44097.10
4	2 weeding and 1 soil working, with fertilizer applicaton at Rs. 0.45 per seedling	27.77	8896.95	500.00	9396.95	275805.53	15500.00	291305.53
5	Watch and ward 12 months-1 watcher per 10.00 ha.	36.50	11693.87	0.00	11693.87	362509.97	0.00	362509.97
6	Fire tracing	2.00	640.76	0.00	640.76	19863.56	0.00	19863.56
	TOTAL :-	72.97	23378.13	819.67	24197.80	724721.99	25409.77	750131.76
	Contingancy 3%				725.93	21741.66	762.29	22503.95
	Labour welfare (Medi & water) 4%				967.91	28988.88	1016.39	30005.27
	TOTAL :-		23378.13	819.67	25891.64	775452.53	27188.45	802640.98
	SAY AS TOTAL :-				25892			802641

वनपरिक्षेत्र अधिकारी
चेण (संग्रहण)

Sr. No.	Partifulars of works	Mandays	Wages	Material supply	Total	Wages	Material supply	Total
Third Year Operation								
1.	1 Weeding and 1 soil working (1.50 M.D. per 100 seedling	16.67	5340.73	0.00	5340.73	165562.77	0.00	165562.77
2	Fire tracing	36.50	11693.87	0.00	11693.87	362509.97	0.00	362509.97
3	Watch and ward 12 months-1 watcher per 10.00 ha.	2.00	640.76	0.00	640.76	19863.56	0.00	19863.56
	TOTAL :-	55.17	17675.36	0.00	17675.36	547936.30	0.00	547936.30
	Contingancy 3%				530.26	16438.09	0.00	16438.09
	Labour welfare (Medi &water) 4%				707.01	21917.45	0.00	21917.45
	TOTAL :-		17675.36	0.00	18912.64	586291.84	0.00	586291.84
	SAY AS TOTAL :-				18913			586292

Sr.	Partifulars of works	Mandays	Wages	Material	Total	Wages	Material	Total
Fourth Year Operation								
1	Fire tracing	36.50	11693.87	0.00	11693.87	362509.97	0.00	362509.97
2	Watch and ward 12 months-1 watcher per 10.00 ha.	2.00	640.76	0.00	640.76	19863.56	0.00	19863.56
	TOTAL :-	38.50	12334.63	0.00	12334.63	382373.53	0.00	382373.53
	Contingancy 3%				370.04	11471.21	0.00	11471.21
	Labour welfare (Medi &water) 4%				493.39	15294.94	0.00	15294.94
	TOTAL :-		12334.63	0.00	13198.05	409139.68	0.00	409139.68
	SAY AS TOTAL :-				13198			409140

वनपरिक्षेत्र अधिकारी
रेण (मंगलगण)

Sr. No.	Partifulars of works	Mandays	Wages	Material supply	Total	Wages	Material supply	Total
Fifth Year Oparation								
1	Fire tracing	36.50	11693.87	0.00	11693.87	362509.97	0.00	362509.97
2	Watch and ward 12 months-1 watcher per 10.00 ha.	2.00	640.76	0.00	640.76	19863.56	0.00	19863.56
	TOTAL :-	38.50	12334.63	0.00	12334.63	382373.53	0.00	382373.53
	Contingancy 3%				370.04	11471.21	0.00	11471.21
	Labour welfare (Medi &water) 4%				493.39	15294.94	0.00	15294.94
	TOTAL :-		12334.63	0.00	13198.05	409139.68	0.00	409139.68
	SAY AS TOTAL :-				13198			409140

Sr. No.	Partifulars of works	Mandays	Wages	Material supply	Total	Wages	Material supply	Total
Sixth Year Oparation								
1	Fire tracing	36.50	11693.87	0.00	11693.87	362509.97	0.00	362509.97
2	Watch and ward 12 months-1 watcher per 10.00 ha.	2.00	640.76	0.00	640.76	19863.56	0.00	19863.56
	TOTAL :-	38.50	12334.63	0.00	12334.63	382373.53	0.00	382373.53
	Contingancy 3%				370.04	11471.21	0.00	11471.21
	Labour welfare (Medi &water) 4%				493.39	15294.94	0.00	15294.94
	TOTAL :-		12334.63	0.00	13198.05	409139.68	0.00	409139.68
	SAY AS TOTAL :-				13198			409140

वनपरिक्षेत्र अधिकारी
रेण (संग्रहण)

Sr. No.	Partifulars of works	Mandays	Wages	Material supply	Total	Wages	Material supply	Total
Seventh Year Oparation								
1	Fire tracing	36.50	11693.87	0.00	11693.87	362509.97	0.00	362509.97
2	Watch and ward 12 months-1 watcher per 10.00 ha.	2.00	640.76	0.00	640.76	19863.56	0.00	19863.56
	TOTAL :-	38.50	12334.63	0.00	12334.63	382373.53	0.00	382373.53
	Contingancy 3%				370.04	11471.21	0.00	11471.21
	Labour welfare (Medi &water) 4%				493.39	15294.94	0.00	15294.94
	TOTAL :-		12334.63	0.00	13198.05	409139.68	0.00	409139.68
	SAY AS TOTAL :-				13198			409140

ALIBAG FOREST DIVISION

RATE STRUCTURE FOR COMPENSTORY AFFORESTATION ON WORKS IN ZONE II & III HEAVY RAIN FALL AREA (2500 PLANTS/Ha.)

Village - Aghai, TALUKA Pen, DISTRICT RAIGAD S.No. 84

DAILY WAGES RATE 320.38

Area :- 31.0000 Hector

Abstact

Sr. No.	Partifulars of works	Mandays	Wages	Material supply	Total	Wages	Material supply	Total
1)	PPO + PYO	427.02	535808.67	2691.85	149266	4964873.50	89288.66	5054162
2)	First Year Operation	153.28	49107.85	13541.24	67035	1628907.27	449162.93	2078070
3)	Second Year Operation	72.97	23378.13	819.67	25892	775452.53	27188.45	802641
4)	Third Year Operation	55.17	17675.36	0.00	18913	586291.84	0.00	586292
5)	Fourth Year Operation	38.50	12334.63	0.00	12335	382373.53	0.00	409140
6)	Fifth Year Operation	38.50	12334.63	0.00	12335	382373.53	0.00	409140
7)	Sixth Year Operation	38.50	12334.63	0.00	12335	382373.53	0.00	409140
8)	Seventh Year Operation	38.50	12334.63	0.00	12335	382373.53	0.00	409140
	Total :-	862.44	675308.53	17052.76	310443	9485019.26	565640.05	10157724

वनपरिक्षेत्र अधिकारी
रेण (मरठगाव)

(Mangesh Kumar)
Deputy Conservator of Forests
Alibag