

ALIBAG FOREST DIVISION

RATE STRUCTURE FOR COMPENSTORY AFFORESTATION ON WORKS IN ZONE II & III HEAVY RAIN FALL AREA

(2500

PLANTS/Ha.)

Reserved Forest Compt No. 384/A of Village Sukeli, Tal. Roha, Dist. Raigad Area 1.00 Ha.
DAILY WAGES RATE IN RS. 296.48 Area :- 1.000 Hector

Sr. No.	Particulars of works	Mandays	Wages	Material supply	Total	Wages	Material supply	Total
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A) Per Mansoon Works P.P.O /P.Y.O.								
1	A) Survey & Demarcation	1.00	296.48	50.00	346.48	296.48	50.00	346.48
	B) Preparation of treatment map including laying of grids at (100mx50m grid)	1.00	296.48	50.00	346.48	296.48	50.00	346.48
	C) Clearing of bushes and preparation of site (As per requirement)	10.00	2964.80	50.00	3014.80	2964.80	50.00	3014.80
2	Soil and moisture conservation works including collection of rubbles from areas upto 30m etc.	31.00	9190.88	0.00	9190.88	9190.88	0.00	9190.88
3	Digging of Trench cum mound (TCM) of size 1.90mx.60mx1m along the periphery of plantation area including spreading/stacking the excavated soil as directed in 1 m width and 1m height. Length 102 Rmt per H. (127.50 cum per ha.)	82.57	24480.35	50.00	24530.35	24480.35	50.00	24530.35
4	Alignment of pits at 2mx2m spacement. 2500 pits per ha. (0.13M.D. per 50 pits) M&S @ Rs. 2.24 per 50 pits.	6.50	1927.12	112.00	2039.12	1927.12	112.00	2039.12
5	Digging of pits of size 0.45x0.45x0.45mtr (2500 pits per ha) 6.60M.D. per 100 pits	165.00	48919.20	0.00	48919.20	48919.20	0.00	48919.20
6	Part Nursery cost for raising 3000 seedlings per ha (including 20% casualty replacement) in polybag of size 12.50 X 25.00cm (Wages Rs. 8.80 and M&S Rs. 1.76 per Plant)	105.14	31171.91	5280.00	36451.91	31171.91	5280.00	36451.91

7 Cost of agave sukers (420 per ha) Rs. 25 per 100 suckers (or cost of prosopis, chilar etc seed for sowing on CCT)	1.68	498.09	315.00	813.09	498.09	315.00	813.09
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TOTAL :-		403.89	119745.31	5907.00	125652.31	119745.31	5907.00	125652.31
Contingancy 3%			3592.36	177.21	3769.57	3592.36	177.21	3769.57
Labour welfare 4%			4789.81	236.28	5026.09	4789.81	236.28	5026.09
TOTAL :-			128127.48	6320.49	134447.97	128127.48	6320.49	134447.97
SAY AS TOTAL :-					134448			134448

Sr. No.	Particulars of works	Mandays	Wages	Material supply	Total	Wages	Material supply	Total
B) First Year Operations								
1	Part Nursery cost for maintainance of 3000 seedling per ha. Rs. 264 per seedling (Wages Rs. 2.20 M&S Rs. 0.44)	26.29	7794.46	1320.00	9114.46	7794.46	1320.00	9114.46
2	Refilling of pits by good quality soil including application of single super phosphate (1.66MD per 100 pits)	41.50	12303.92	1200.00	13503.92	12303.92	1200.00	13503.92
3	Transport of seedlings from nursery to plantation site (including loading & unloading) Rs. 1.00 per seedling wages 0.14mmd per 100 seedlings	4.20	1245.22	3000.00	4245.22	1245.22	3000.00	4245.22
4	Digging and transportation of agave suckers from nursery to plantation site and planting	1.68	498.09	0.00	498.09	498.09	0.00	498.09
5	Planting of 2500 seedlings (1.1 M.D. per 100 seedlings)	27.50	8153.20	0.00	8153.20	8153.20	0.00	8153.20
6	Casualty replacement (20% 500 seedling per ha.) (2 M.D. per 100 seedlings)	10.00	2964.80	0.00	2964.80	2964.80	0.00	2964.80

7	3 weeding and 2 soil working (3.50 M.D. per 100 seedlings) fertilizer application Rs. 0.45 per seedling	87.50	25942.00	1125.00	27067.00	25942.00	1125.00	27067.00
8	Watch and ward (10 months - 1 watcher per 10 ha.)	30.00	8894.40	0.00	8894.40	8894.40	0.00	8894.40
9	Fire tracing	2.00	592.96	0.00	592.96	592.96	0.00	592.96
10	Part Nursery cost for casualty replacement in SYO (500 seedlings per ha.) (wages Rs.8.80 and material supply Rs. 1.76 total Rs. 10.56 per seedling)	17.52	5194.33	880.00	6074.33	5194.33	880.00	6074.33
11	Special technical assistance	0.00	0.00	0.00	3700.00	0.00	0.00	3700.00
TOTAL :-		248.19	73583.37	7525.00	84808.37	73583.37	7525.00	84808.37
	Contingency 3%		2207.50	225.75	2544.25	2207.50	225.75	2544.25
	Labour welfare 4%		2943.33	301.00	3244.33	2943.33	301.00	3244.33
TOTAL :-		248.19	78734.21	8051.75	90596.96	78734.21	8051.75	90596.96
SAY AS TOTAL :-					90597			90597

Sr. No.	Particulars of works	Mandays	Wages	Material supply	Total	Wages	Material supply	Total
C) Second Year Operation								
1	Part nursery cost for seedlings for casualty replacement (500 seedlings per ha.)	4.38	1298.58	220.00	1518.58	1298.58	220.00	1518.58
2	Transportation of seedlings for casualty replacement from Nursery to planting site (including loading and unloading) wages 0.14M.D. per 100 seedlings	0.70	207.54	500.00	707.54	207.54	500.00	707.54
3	Casualty replacement (500 seedling per ha.) 2 M.D. per 100 seedling	10.00	2964.80	0.00	2964.80	2964.80	0.00	2964.80
4	2 weeding and 1 soil working, with fertilizer application at Rs. 0.45 per seedling	62.50	18530.00	1125.00	19655.00	18530.00	1125.00	19655.00

6	Fire tracing	2.00	592.96	0.00	592.96	592.96	0.00	592.96
7	Watch and ward 12 monthsh - 1 watcher per 10.00 ha.	36.50	10821.52	0.00	10821.52	10821.52	0.00	10821.52
TOTAL :-		116.08	34415.40	1845.00	36260.40	34415.40	1845.00	36260.40
	Contingancy 3%		1032.46	55.35	1087.81	1032.46	55.35	1087.81
	Labour welfare (Medi &water) 4%		1376.62	73.80	1450.42	1376.62	73.80	1450.42
	Special technical assistance				3700.00		0.00	3700.00
TOTAL :-		116.08	36824.48	1974.15	42498.63	36824.48	1974.15	42498.63
SAY AS TOTAL :-					42499			42499

Sr. No.	Partifulars of works	Mandays	Wages	Material supply	Total	Wages	Material supply	Total
D)Third Year Operation								
1	1 weeding and 1 soil working (1.50 M.D. per 100 seedlings)	37.50	111118.00	0.00	111118.00	111118.00	0.00	111118.00
3	Fire tracing	2.00	592.96	0.00	592.96	592.96	0.00	592.96
2	Watch and ward 12 monthsh - 1 watcher per 10.00 ha.	36.50	10821.52	0.00	10821.52	10821.52	0.00	10821.52
TOTAL :-		76.00	22532.48	0.00	22532.48	22532.48	0.00	22532.48
	Contingancy 3%		675.97	0.00	675.97	675.97	0.00	675.97
	Labour welfare 4%		901.30	0.00	901.30	901.30	0.00	901.30
TOTAL :-			24109.75	0.00	24109.75	24109.75	0.00	24109.75
SAY AS TOTAL :-					24110			24110

Sr.	Particulars of works	Mandays	Wages	Material	Total	Wages	Material	Total
E) Fourth Year Operation								
1	Fire tracing	2.00	592.96	0.00	592.96	592.96	0.00	592.96
2	Watch and ward 12 monthsh -1 watcher per 10.00 ha.	36.50	10821.52	0.00	10821.52	10821.52	0.00	10821.52
	TOTAL :-	38.50	11414.48	0.00	11414.48	11414.48	0.00	11414.48
	Contingancy 3%		342.43	0.00	342.43	342.43	0.00	342.43
	Labour welfare 4%		456.58	0.00	456.58	456.58	0.00	456.58
	TOTAL :-		12213.49	0.00	12213.49	12213.49	0.00	12213.49
	SAY AS TOTAL :-				12213			12213

Sr. No.	Particulars of works	Mandays	Wages	Material supply	Total	Wages	Material supply	Total
F) Fifth Year Operation								
1	Fire tracing	2.00	592.96	0.00	592.96	592.96	0.00	592.96
2	Watch and ward for 12 months, he will do resowing of seeds & carry out porka cutting and protection work	36.50	10821.52	0.00	10821.52	10821.52	0.00	10821.52
	TOTAL :-	38.50	11414.48	0.00	11414.48	11414.48	0.00	11414.48
	Contingancy 3%		342.43	0.00	342.43	342.43	0.00	342.43
	Labour welfare 4%		456.58	0.00	456.58	456.58	0.00	456.58
	TOTAL :-		12213.49	0.00	12213.49	12213.49	0.00	12213.49
	SAY AS TOTAL :-				12213			12213

Sr. No.	Particulars of works	Mandays	Wages	Material supply	Total	Wages	Material supply	Total
G) Sixth Year Operation								
1	Fire tracing	2.00	592.96	0.00	592.96	592.96	0.00	592.96
2	Watch and ward for 12 months, he will do resowing of seeds & carry out porka cutting and protection work	36.50	10821.52	0.00	10821.52	10821.52	0.00	10821.52
	TOTAL :-	38.50	11414.48	0.00	11414.48	11414.48	0.00	11414.48
	Contingancy 3%		342.43	0.00	342.43	342.43	0.00	342.43
	Labour welfare 4%		456.58	0.00	456.58	456.58	0.00	456.58
	TOTAL :-		12213.49	0.00	12213.49	12213.49	0.00	12213.49
	SAY AS TOTAL :-				12213			12213

Sr. No.	Particulars of works	Mandays	Wages	Material supply	Total	Wages	Material supply	Total
H) Seventh Year Operation								
1	Fire tracing	2.00	592.96	0.00	592.96	592.96	0.00	592.96
2	Watch and ward for 12 months, he will do resowing of seeds & carry out porka cutting and protection work	36.50	10821.52	0.00	10821.52	10821.52	0.00	10821.52
	TOTAL :-	38.50	11414.48	0.00	11414.48	11414.48	0.00	11414.48
	Contingancy 3%		342.43	0.00	342.43	342.43	0.00	342.43
	Labour welfare 4%		456.58	0.00	456.58	456.58	0.00	456.58
	TOTAL :-		12213.49	0.00	12213.49	12213.49	0.00	12213.49
	SAY AS TOTAL :-				12213			12213

ALIBAG FOREST DIVISION

Reserved Forest Comptt No. 384/A of Village Sukeil, Tal. Roha, Dist. Raigad Area 1.00 Ha.
 Diversion of forest land 0.1186 Ha. Reserved forest and Private Forest area for lying of 400 and 1100 MM dia. water pipeline along
 with the NH-17 from Patansai Tal. Roha to Karav, Tal. Pen.
DAILY WAGES RATE 296.48
Area :- 1.000 Hecter

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Sr. No.	Partifulars of works	Mandays	Wages	Material supply	Total	Wages	Material supply	Total
1)	PPO + PYO		128127.48	6320.49	134448	128127.48	6320.49	134448
2)	First Year Operation		78734.21	8051.75	90597	78734.21	8051.75	90597
3)	Second Year Operation		36824.48	1974.15	42499	36824.48	1974.15	42499
4)	Third Year Operation		24109.75	0.00	24110	24109.75	0.00	24110
5)	Fourth Year Operation		12213.49	0.00	12213	12213.49	0.00	12213
6)	Fifth Year Operation		12213.49	0.00	12213	12213.49	0.00	12213
7)	Sixth Year Operation		12213.49	0.00	12213	12213.49	0.00	12213
8)	Seventh Year Operation		12213.49	0.00	12213	12213.49	0.00	12213
	Total :-		316649.89	16346.39	340507	316649.89	16346.39	340507

[Signature]
Assistant Conservator of Forest
 (FLCS) Alibag

[Signature]
Range Forest Officer
 Nagothane (Protection)

[Signature]
Deputy Conservator of Forests
 Alibag