

ROHA FOREST DIVISION

RATE STRUCTURE FOR COMPENSTORY AFFORESTATION ON WORKS IN ZONE II & III HEAVY RAIN FALL AREA (1111 PLANTS/Ha.)

Village Nijampur Comptt No.314 pt and Village Shirsad Comptt No.314pt S.No.182 Tal.Mangaon, Dist. Raigad Area 38 Ha.

DAILY WAGES RATE IN RS.							Area :- 38.000 Hecter			
Sr. No.	Partifulars of works	Mandays	Wages	Material supply	Total	Wages	Material supply	Total		
A) Per Mansoon Works P.P.O /P.Y.O.										
1A) Survey & Demarcation		1.00	341.54	50.00	391.54	12978.52	1900.00	14878.52		
B) b. Preparation of treatment map (100 m x 50 m grid)		1.00	341.54	50.00	391.54	12978.52	1900.00	14878.52		
C) Clearing of bushes and preparation of site (As per requirement)		10.00	3415.40	50.00	3465.40	129785.20	1900.00	131685.20		
2) Soil and moisture conservation works including collection of rubbles from areas upto 30m etc.		31.00	10587.74	0.00	10587.74	402334.12	0.00	402334.12		
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	1024.62	96.00	1120.62	38935.56	3648.00	42583.56		
4) Digging of CCT of size 60 zm width and 45 cm depth including stacking of soil at down word slope (1200rmt per ha 0.15 per rmt)		183.60	62706.74	0.00	62706.74	2382856.27	0.00	2382856.27		
5) Digging of Trench cum mound (TCM) of size 1.90 X 0.60 X 1.00 m along the periphery of plantation area 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	28200.96	50.00	28250.96	1071636.40	1900.00	1073536.40		
6) Alignment 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)		2.86	976.80	49.77	1026.57	37118.57	1891.26	39009.83		
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	25045.13	0.00	25045.13	951714.87	0.00	951714.87		

8	Par nursery cost for raising 1333 seedling per ha (including 20% casualty replacement) in poly/bag of size 12.50 X 25.00 cm (wages Rs.8.80 and M & S Rs.1.76 per plant)	28.63	9778.29	2346.08	12124.37	371575.03	89151.04	460726.07
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TOTAL :-		416.99	142418.76	2691.85	145110.61	5411913.05	102290.30	5514203.35
Contingency 3%			4272.56	80.76	4353.32	162357.39	3068.71	165426.10
Labour welfare 4%			5696.75	107.67	5804.42	216476.52	4091.61	220568.13
TOTAL :-								
SAY AS TOTAL :-			152388.08	2880.28	155268.36	5790746.97	109450.62	5900197.59
DAILY WAGES RATE		375.69			155268			5900198

Sr. No.	Particulars of works	Mandays	Wages	Material supply	Total	Wages	Material supply	Total
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B) First Year Operations

1	Part Nursery cost for maintenance of 1333 seedling per ha. Rs. 1.55 per seedling (Wages Rs. 1.11, M & S Rs.0.44)	11.68	4388.11	586.52	4974.63	166748.02	22287.76	189035.78
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 of 5% farm yard manure in pits 5 cum per ha. Rs.700/- per cum	18.44	6927.80	9500.00	16427.80	263256.30	361000.00	624256.30
3	Transport of 1333 seedlings from nursery to plantation site (including loading & unloading) (0.14mm per 100 seedlings & M.S.Rs.1 per seedlings)	1.55	582.33	1333.00	1915.33	22128.38	50654.00	72782.38
4	Plantation of agave suckers in 3 rows on TCM (306 suckers per ha @ Rs.500 per kg)	1.00	375.69	981.00	1356.69	14276.37	37278.00	51554.37
5	Sowing of seeds on CCT. 1200 rmt. 5kg per ha @ Rs.50 per kg	12.00	4508.33	250.00	4758.33	171316.46	9500.00	180816.46
6	Removal of weeds from CCT (1.20 M.D per 100 rmt)	14.40	5409.99	0.00	5409.99	205579.76	0.00	205579.76
7	Planting of seedling 1111 per ha (1.00 M.D per 100 seedlings.)	19.11	7179.51	0.00	7179.51	272821.47	0.00	272821.47

8	3 weedings and 2 soil workings (3.50 M.D per 100 seedlings) fertilizer application Rs.0.45 per seedling.	38.88	14606.98	500.00	15106.98	555065.34	19000.00	574065.34
9	Causality replacement (20% 222 seedling per ha) (2 M.D per 100 seedlings)	4.44	1668.08	0.00	1668.08	63387.09	0.00	63387.09
10	Part Nursery cost for causality 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	2922.90	390.72	3313.62	111070.17	14847.36	125917.53
11	Watch and ward (10 months – 1 watcher per 10 ha)	30.00	11270.82	0.00	11270.82	428291.16	0.00	428291.16
12	Fire tracing	2.00	751.39	0.00	751.39	28552.74	0.00	28552.74
	TOTAL :-	161.28	60591.93	13541.24	74133.17	2302493.28	514567.12	2817060.40
	Contingancy 3%		1817.76	406.24	2224.00	69074.80	15437.01	84511.81
	Labour welfare 4%		2423.68	541.65	2965.33	92099.73	20582.68	112682.42
	TOTAL :-		64833.36	14489.13	79322.49	2463667.81	550586.82	3014254.62
	SAY AS TOTAL :-				79322			3014255

DAILY WAGES RATE

413.26

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 (222 seedlings per ha.)	1.95	805.86	97.67	903.53	30622.82	3711.46	34334.28
2	Transportation of 222 seedlings for casualty replacement including loadings & unloading (0.14 M.D. & M.S Rs. 1 per 100 seedlings)	0.31	128.11	222.00	350.11	4868.24	8436.00	13304.24
3	Planting for casualty replacement 222 seedlings (2.00 M.D per 100 seedlings)	4.44	1834.89	0.00	1834.89	69725.80	0.00	69725.80
4	2 weeding and 1 soil working, with fertilizer application at Rs. 0.45 per seedling	27.77	11476.32	500.00	11976.32	436100.34	19000.00	455100.34
5	Watch and ward 12 months -1 watcher per 10.00 ha	36.50	15084.11	0.00	15084.11	573196.34	0.00	573196.34
6	Fire tracing	2.00	826.53	0.00	826.53	31408.02	0.00	31408.02
	TOTAL :-	72.97	30155.83	819.67	30975.50	1145921.55	31147.46	1177069.01
	Contingency 3%		904.67	24.59	929.27	34377.65	934.42	35312.07
	Labour welfare (Medi & water) 4%		1206.23	32.79	1239.02	45836.86	1245.90	47082.76
	TOTAL :-		32266.74	877.05	33143.79	1226136.06	33327.78	1259463.84
	SAY AS TOTAL :-				33144			1259464

454.59

DAILY WAGES RATE

Sr. No.	Particulars of works	Mandays	Wages	Material supply	Total	Wages	Material supply	Total
D) Third Year Operation								
1	11 weeding and 1 soil working (1.50 M.D. per 100 seedlings)	16.67	7578.01	0.00	7578.01	287964.42	0.00	287964.42
2	Watch and ward 12 monthsh -1 watcher per 10.00 ha.	36.50	16592.53	0.00	16592.53	630515.97	0.00	630515.97
3	Fire tracing	2.00	909.18	0.00	909.18	34548.82	0.00	34548.82
	TOTAL :-	55.17	25079.72	0.00	25079.72	953029.21	0.00	953029.21
	Contingency 3%		752.39	0.00	752.39	28590.88	0.00	28590.88
	Labour welfare 4%		1003.19	0.00	1003.19	38121.17	0.00	38121.17
	TOTAL :-		26835.30	0.00	26835.30	1019741.25	0.00	1019741.25
	SAY AS TOTAL :-				26835			1019741

DAILY WAGES RATE

500.05

Sr.	Particulars of works	Mandays	Wages	Material	Total	Wages	Material	Total
E) Fourth Year Operation								
1	Fire tracing	2.00	1000.10	0.00	1000.10	38003.70	0.00	38003.70
2	Watch and ward 12 monthsh -1 watcher per 10.00 ha.	36.50	18251.78	0.00	18251.78	693567.57	0.00	693567.57
	TOTAL :-	38.50	19251.88	0.00	19251.88	731571.27	0.00	731571.27
	Contingancy 3%		577.56	0.00	577.56	21947.14	0.00	21947.14
	Labour welfare 4%		770.08	0.00	770.08	29262.85	0.00	29262.85
	TOTAL :-		20599.51	0.00	20599.51	782781.26	0.00	782781.26
	SAY AS TOTAL :-				20600			782781

550.05

DAILY WAGES RATE

Sr. No.	Particulars of works	Mandays	Wages	Material supply	Total	Wages	Material supply	Total
F) Fifth Year Operation								
1	Fire tracing	2.00	1100.11	0.00	1100.11	41804.07	0.00	41804.07
2	Watch and ward 12 monthsh -1 watcher per 10.00 ha.	36.50	20076.96	0.00	20076.96	762924.32	0.00	762924.32
	TOTAL :-	38.50	21177.06	0.00	21177.06	804728.40	0.00	804728.40
	Contingancy 3%		635.31	0.00	635.31	24141.85	0.00	24141.85
	Labour welfare 4%		847.08	0.00	847.08	32189.14	0.00	32189.14
	TOTAL :-		22659.46	0.00	22659.46	861059.38	0.00	861059.38
	SAY AS TOTAL :-				22659			861059

605.06

DAILY WAGES RATE

Sr. No.	Particulars of works	Mandays	Wages	Material supply	Total	Wages	Material supply	Total
G) Sixth Year Operation								
1	Fire tracing	2.00	1210.12	0.00	1210.12	45984.48	0.00	45984.48
2	Watch and ward 12 monthsh -1 watcher per 10.00 ha.	36.50	22084.65	0.00	22084.65	839216.76	0.00	839216.76
	TOTAL :-	38.50	23294.77	0.00	23294.77	885201.23	0.00	885201.23
	Contingancy 3%		698.84	0.00	698.84	26556.04	0.00	26556.04
	Labour welfare 4%		931.79	0.00	931.79	35408.05	0.00	35408.05
	TOTAL :-		24925.40	0.00	24925.40	947165.32	0.00	947165.32
	SAY AS TOTAL :-				24925			947165
SAY AS TOTAL :- 665.56								

DAILY WAGES RATE

Sr. No.	Particulars of works	Mandays	Wages	Material supply	Total	Wages	Material supply	Total
H) Seventh Year Operation								
1	Fire tracing	2.00	1331.13	0.00	1331.13	50582.93	0.00	50582.93
2	Watch and ward 12 monthsh -1 watcher per 10.00 ha.	36.50	24293.12	0.00	24293.12	923138.43	0.00	923138.43
	TOTAL :-	38.50	25624.25	0.00	25624.25	973721.36	0.00	973721.36
	Contingancy 3%		768.73	0.00	768.73	29211.64	0.00	29211.64
	Labour welfare 4%		1024.97	0.00	1024.97	38948.85	0.00	38948.85
	TOTAL :-		27417.94	0.00	27417.94	1041881.85	0.00	1041881.85
	SAY AS TOTAL :-				27418			1041882

ROHA FOREST DIVISION

Village Nijampur Comptt No.314 pt and Village Shirsad Comptt No.314 pt S.No.182 Tal.Mangaon, Dist. Raigad Area 38 Ha.

Proposal for Construction of Rehabilitation & Up-gradation of newly declared Rehabilitation & Up-gradation of NH-548 A Section from Indapur to Agardanda (Design Ch. 0+000 to 42+345) to Two lane with paved shoulders in Taluka - Mangaon, Tala, Roha & Murud District Raigad, State - Maharashtra,

Area :- 38.000 Hecter

341.54

DAILY WAGES RATE

Abstract

Sr. No.	Partifulars of works	Mandays	Wages	Material supply	Total	Wages	Material supply	Total
1)	PPO + PYO		152388.08	2880.28	155268	5790746.97	109450.62	5900198
2)	First Year Operation		64833.36	14489.13	79322	2463667.81	550586.82	3014255
3)	Second Year Operation		32266.74	877.05	33144	1226136.06	33327.78	1259464
4)	Third Year Operation		26835.30	0.00	26835	1019741.25	0.00	1019741
5)	Fourth Year Operation		20599.51	0.00	20600	782781.26	0.00	782781
6)	Fifth Year Operation		22659.46	0.00	22659	861059.38	0.00	861059
7)	Sixth Year Operation		24925.40	0.00	24925	947165.32	0.00	947165
8)	Seventh Year Operation		27417.94	0.00	27418	1041881.85	0.00	1041882
	Total :-		371925.79	18246.45	390172	14133179.90	693365.22	14826545

Pradip Patil

Pradip Patil
Range Forest Officer
Mangaon

Chakresh Sepati

Deputy Conservator Of Forests
Roha Forest Division, Roha