

Scheme for Non Timber - Forest Produce - Compensatory Afforestation

Rate as Prescribed by Principal Chief Conservator of Forest, Maharashtra state Nagpur, No Desk-17/CA / Nodal cell /CR-40/1127/2019-20, Date 04/10/2019

Spacement - 2m X 2m

Size of Pits 0.45 X 0.45 X 0.45 m

No. of seedlings : 2500 per ha.

Gut No. 63, VILL. NANZA, TAL : KALAMB, DIST. YAVATMAL FOREST DIVISION : YAVATMAL

Range: YAVATMAL

Daily Wages Rate of Rs. 377.50

Area : 3.00 Ha.

A. Pre monsoon Works PPO / PYO (YEAR 2020 - 2021)

@ Daily Wages Rate 377.5

Sr. No.	Particular's	Cost per ha.				@ Daily Wages Rate 377.5			
		Mandays	Wages	M & S	Total	Mandays	Wages	M & S	Total
1	2	3	4	5	6	7	8	9	10
	(a) Survey and Demarcation	1.00	377.50	91.00	468.50	3.00	1132.50	273.00	1405.50
	(b) Preparation of treatment map (100m X 50m grid)	1.00	377.50	91.00	468.50	3.00	1132.50	273.00	1405.50
	© Digging trial pits of size 0.30 x0.30x 0.60in corner of grid.	0.40	151.00	0.00	151.00	1.20	453.00	0.00	453.00
1	(d) Fixing 60cm x 0.05cm x12cm cement pillars upto 30 cm deep in corner of grid, painting with Grid No. etc complete (3 pillars, Rs. 75/- for each pillars)	0.00	0.00	225.00	225.00	0.00	C.00	675.00	675.00
	(e) Clearing of bushes and preparation of site (As per requirement.)	10.00	3775.00	91.00	3866.00	30.00	11325.00	273.00	11598.00
2	Soil & Moisture conservation works including collection of rubbles from areas upto 30 m etc.	31.00	11702.50	0.00	11702.50	93.00	35107.50	0.00	35107.50
3	providing and fixing chain link fencing, 102 Rmt per ha. (With one gate + two wicket gatesfor one site) (Rs. 1494/- per Rmt of basic rate + 20% for transportation of ave. leadplus 0 % for tribal/remote area (by tender process.) (Rs. 1494+149+149=1792/ per Rmt (1.60 Rmts height with G.I. chain link size 50 mm x 50 m, 8 gauge athick with fixed 75 mm above ground level complete as per SSR item No. 1744 for 2017-18)	0.00	0.00	182865.60	182865.60	0.00	C.00	548596.80	548596.80
4	Alignment of pits at 2m x 2m spacement. 2500 pits per Ha. (0.25 per 100 pits and M&S @ Rs. 2.24 per 50 pits.	6.50	2453.75	112.00	2565.75	19.50	7361.25	336.00	7697.25

5	Digging of pits of size 0.45X0.45X0.45 m (2500 pits per Ha.) 6.60 md per 100 pits. Note : As per local condition provision for mechanized digging can be made.	165.00	62287.50	0.00	62287.50	495.00	186862.50	0.00	186862.50
6	Construction of 5.00 Rmt wide Inspection Path 1 MD. per 100 Rmt.	1.00	377.50	0.00	377.50	3.00	1132.50	0.00	1132.50
7	Providing and fixing (4 feet x 3 feet) information board each per site.	0.00	0.00	5000.00	5000.00	0.00	0.00	15000.00	15000.00
8	Part nursery cost of raising 3000 seedlings per ha. (including 20 % casualty replacement) in polygons of size 12.50 x 25.00 cms (Wages Rs. 11.90 and M & S Rs. 3.62 per plant)	105.14	39690.35	9651.84	49342.19	315.42	119071.05	28955.52	148026.57
	TOTAL :	321.04	121192.60	198127.44	319320.04	963.12	363577.80	594382.32	957960.12
	Contingency 3 %	0.00	0.00	9579.60	9579.60	0.00	0.00	28738.80	28738.80
	Labour welfare 4%	0.00		12772.80	12772.80	0.00		38318.40	38318.40
	Grand Total	321.04	121192.60	198127.44	341672.44	963.12	363577.80	594382.32	1025017.33
FYO (2021- 2022)									
@ Daily Wages Rate 377.5									
Sr. No.	Particular's	Cost per ha.				Cost for 3.00 Ha.			
		Mandays	Wages	M & S	Total	Mandays	Wages	M & S	Total
1	2	3	4	5	6	7	8	9	10
1	Part nursery cost for maintenance of 3000 seedlings per ha. (Wages Rs. 2.97 and M & S Rs. 0.81)	26.29	9924.48	2412.96	12337.44	78.87	29773.425	7238.88	37012.305
2	Refilling of pits by good quality soil including application of single super phosphae (1.66 Mandays for 100 pits)	41.50	15666.25	1200.00	16866.25	124.50	46998.75	3600.00	50598.75
3	Transportation of 3000 seedlings from nursery to plantation site including loading & unloading (0.14 M.D. per 100 seedlings & M.S. Rs. 1.82 per seedling.	4.20	1585.50	5460.00	7045.50	12.60	4756.50	16380.00	21136.50
4	Planting of 2500 seedlings (1.1 M.D. per 100 seedlings.)	27.50	10381.25	0.00	10381.25	82.50	31143.75	0.00	31143.75
5	3 seedlings (1 Rmt circular) and 2 soil workings (4 M.D. per 100 seedlings.)	87.50	33031.25	2050.00	35081.25	262.50	99093.75	6150.00	105243.75
6	Casualty replacement (20 % 500 seedlings per ha. (2 M.D. per 100 seedling	10.00	3775.00	0.00	3775.00	30.00	11325.00	0.00	11325.00

Sr. No.	Particular's	Cost per ha.				@ Daily Wages Rate 377.5			
		Mandays	Wages	M & S	Total	Mandays	Wages	M & S	Total
1	Part nursery cost for seedlings for casualty replacement (500seedlings per ha.) Labour rate @ Rs. 2.97 and M.S. Rs. 1.82 per seedling	3	4	5	6	7	8	9	10
1	Part nursery cost for seedlings for casualty replacement (500seedlings per ha.) Labour rate @ Rs. 2.97 and M.S. Rs. 1.82 per seedling	4.38	1653.45	402.16	2055.61	13.14	4960.35	1206.48	6166.83
2	Transportaion of 222 seedlings for casualty replacement from nursery to plantation site(including loading & unloading) (Wages 0.14 M.D. per 100 seedlings & M.S. Rs. 1.82 per seedling.	0.00	0.00	914.00	914.00	0.00	0.00	2742.00	2742.00
3	Planting for casualty replacement 500 (2.00 M.D. per 100 seedlings)	10.00	3775.00	0.00	3775.00	30.00	11325.00	0.00	11325.00
4	2 Weeding and 1 Soling working, with fertilizer application at 2.5 M.D. per 100 seedlingsM.S. Rs. 0.82 per seedling.	62.50	23593.75	2050.00	25643.75	187.50	70781.25	6150.00	76931.25
5	Watch & ward (10 months - one watcher per 10.00 ha.)	36.50	13778.75	0.00	13778.75	109.50	41336.25	0.00	41336.25
6	Fire tracing	2.00	755.00	0.00	755.00	6.00	2265.00	0.00	2265.00
	TOTAL :	115.38	43555.95	3366.16	46922.11	346.14	130667.85	10098.48	140766.33
	Contingency 3 %	0.00		1407.66	1407.66	0.00	0.00	4222.99	4222.99
	Labour welfare 4%	0.00		1876.88	1876.88	0.00	0.00	5630.65	5630.65
	Total Second Year Operation	115.38	43555.95	3366.16	50206.66	346.14	130667.85	10098.48	150619.97
(C) Second Year Operation. (2022- 2023)									
7	Part nursery cost for casualty replacement in SYO (500 seedlings per ha.) (Wages Rs. 11.90 and material supply Rs. 3.62 total Rs. 12.55 per seedling.	17.52	6613.80	880.00	7493.80	52.56	19841.40	2640.00	22481.40
8	Watch & ward (10 months - one watcher per 10.00 ha.)	30.00	11325.00	0.00	11325.00	90.00	33975.00	0.00	33975.00
9	Fire tracing	2.00	755.00	0.00	755.00	6.00	2265.00	0.00	2265.00
	TOTAL :	246.51	93057.53	12002.96	105060.49	739.53	279172.58	36008.88	315181.46
	Contingency 3 %.	0.00	0.00	3151.81	3151.81	0.00	0.00	9455.44	9455.44
	Labour welfare 4%	0.00		4202.42	4202.42	0.00	0.00	12607.26	12607.26
	Total First Year Opration	246.51	93057.53	12002.96	112414.72	739.53	279172.58	36008.88	337244.16

(D). Third Year Operation (2023 - 2024)						@ Daily Wages Rate 377.5					
Sr. No.	Particular's	Cost per ha.				Cost for 3.00 Ha.					
		Mandays	Wages	M & S	Total	Mandays	Wages	M & S	Total		
1	2	3	4	5	6	7	8	9	10		
1	1 Weeding and 1 Soiling working, 1.5 M.D. per 100 seedlings applying fertilizer @ Rs. 0.82 per plant	37.50	14156.25	0.00	14156.25	112.50	42468.75	0.00	42468.75		
2	Watch & ward (10 months - one watcher per 10.00 ha.)	36.50	13778.75	0.00	13778.75	109.50	41336.25	0.00	41336.25		
3	Counting of survival percentage Grid wise and species wise and to Note the same on register in May and October	2.00	755.00	25.00	780.00	6.30	2265.00	75.00	2340.00		
4	Fire tracing.	2.00	755.00	0.00	755.00	6.30	2265.00	0.00	2265.00		
	TOTAL :	78.00	29445.00	25.00	29470.00	234.00	88335.00	75.00	88410.00		
	Contingency 3 %	0.00	0.00	884.10	884.10	0.30	0.00	2652.30	2652.30		
	Labour welfare 4%	0.00	0.00	1178.80	1178.80	0.30	0.00	3536.40	3536.40		
	Total Third Year Operation	78.00	29445.00	25.00	31532.90	234.00	88335.00	75.00	94598.70		
(E) Fourth Year Operation (2024- 2025)											
Sr. No.	Particular's	Cost per ha.				@ Daily Wages Rate 377.5					
		Mandays	Wages	M & S	Total	Mandays	Wages	M & S	Total		
1	2	3	4	5	6	7	8	9	10		
1	Watch & ward (10 months - one watcher per 10.00 ha.)	36.50	13778.75	0.00	13778.75	109.50	41336.25	0.00	41336.25		
2	Counting of survival percentage Grid wise and species wise and to Note the same on register in May and October	2.00	755.00	25.00	780.00	6.00	2265.00	75.00	2340.00		
3	Fire tracing.	2.00	755.00	0.00	755.00	6.00	2265.00	0.00	2265.00		
	TOTAL :	40.50	15288.75	25.00	15313.75	121.50	45866.25	75.00	45941.25		
	Contingency 3 %	0.00	0.00	459.41	459.41	0.00	0.00	1378.24	1378.24		
	Labour welfare 4%	0.00	0.00	612.55	612.55	0.00	0.00	1837.65	1837.65		
	Grand Total	40.50	15288.75	25.00	16385.71	121.50	45866.25	75.00	49157.14		

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(F) Fifth year operation. (2025 - 2026)									
Sr. No.	Particular's	Cost per ha.				@ Daily Wages Rate 377.5			
		Mandays	Wages	M & S	Total	Mandays	Wages	M & S	Total
1	2	3	4	5	6	7	8	9	10
1	Watch & ward (10 months - one watcher per 10.00 ha.)	36.50	13778.75	0.00	13778.75	109.50	41336.25	0.00	41336.25
2	Counting of survival percentage Grid wise and species wise and to Note the same on register in May and October	2.00	755.00	25.00	780.00	6.00	2265.00	75.00	2340.00
3	Fire tracing.	2.00	755.00	0.00	755.00	6.00	2265.00	0.00	2265.00
	TOTAL :	40.50	15288.75	25.00	15313.75	121.50	45866.25	75.00	45941.25
	Contingency 3 %	0.00	0.00	459.41	459.41	0.00	0.00	1378.24	1378.24
	Labour welfare 4%	0.00	0.00	612.55	612.55	0.00	0.00	1837.65	1837.65
	Grand Total	40.50	15288.75	25.00	16385.71	121.50	45866.25	75.00	49157.14
(G) Sixth Year Operation (2026- 2027)									
Sr. No.	Particular's	Cost per ha.				@ Daily Wages Rate 377.5			
		Mandays	Wages	M & S	Total	Mandays	Wages	M & S	Total
1	Watch & ward (10 months - one watcher per 10.00 ha.)	36.50	13778.75	0.00	13778.75	109.50	41336.25	0.00	41336.25
2	Counting of survival percentage Grid wise and species wise and to Note the same on register in May and October	2.00	755.00	25.00	780.00	6.00	2265.00	75.00	2340.00
3	Fire tracing.	2.00	755.00	0.00	755.00	6.00	2265.00	0.00	2265.00
	TOTAL :	40.50	15288.75	25.00	15313.75	121.50	45866.25	75.00	45941.25
	Contingency 3 %	0.00	0.00	459.41	459.41	0.00	0.00	1378.24	1378.24
	Labour welfare 4%	0.00	0.00	612.55	612.55	0.00	0.00	1837.65	1837.65
	Grand Total	40.50	15288.75	25.00	16385.71	121.50	45866.25	75.00	49157.14
(H) Seventh Year Operation (2027 - 2028)									
Sr. No.	Particular's	Cost per ha.				@ Daily Wages Rate 377.5			
		Mandays	Wages	M & S	Total	Mandays	Wages	M & S	Total
1	Watch & ward (10 months - one watcher per 10.00 ha.)	36.50	13778.75	0.00	13778.75	109.50	41336.25	0.00	41336.25
2	Counting of survival percentage Grid wise and species wise and to Note the same on register in May and October	2.00	755.00	25.00	780.00	6.00	2265.00	75.00	2340.00
3	Fire tracing.	2.00	755.00	0.00	755.00	6.00	2265.00	0.00	2265.00
	TOTAL :	40.50	15288.75	25.00	15313.75	121.50	45866.25	75.00	45941.25
	Contingency 3 %	0.00	0.00	459.41	459.41	0.00	0.00	1378.24	1378.24
	Labour welfare 4%	0.00	0.00	612.55	612.55	0.00	0.00	1837.65	1837.65
	Grand Total	40.50	15288.75	25.00	16385.71	121.50	45866.25	75.00	49157.14

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(I) Eighth Year Operation (2028 - 2029)									
Sr. No.	Particular's	Cost per ha.				@ Daily Wages Rate 377.5			
		Mandays	Wages	M & S	Total	Mandays	Wages	M & S	Total
1	Watch & ward (10 months - one watcher per 10.00 ha.)	36.50	13778.75	0.00	13778.75	109.50	41336.25	0.00	41336.25
2	Counting of survival percentage Grid wise and species wise and to Note the same on register in May and October	2.00	755.00	25.00	780.00	6.00	2265.00	75.00	2340.00
3	Fire tracing.	2.00	755.00	0.00	755.00	6.00	2265.00	0.00	2265.00
	TOTAL :	40.50	15288.75	25.00	15313.75	121.50	45866.25	75.00	45941.25
	Contingency 3 %	0.00	0.00	459.41	459.41	0.00	0.00	1378.24	1378.24
	Labour welfare 4%	0.00	0.00	612.55	612.55	0.00	0.00	1837.65	1837.65
	Grand Total	40.50	15288.75	25.00	16385.71	121.50	45866.25	75.00	49157.14

(J) Ninth Year Operation (2029 - 2030)									
Sr. No.	Particular's	Cost per ha.				@ Daily Wages Rate 377.5			
		Mandays	Wages	M & S	Total	Mandays	Wages	M & S	Total
1	Watch & ward (10 months - one watcher per 10.00 ha.)	36.50	13778.75	0.00	13778.75	109.50	41336.25	0.00	41336.25
2	Counting of survival percentage Grid wise and species wise and to Note the same on register in May and October	2.00	755.00	25.00	780.00	6.00	2265.00	75.00	2340.00
3	Fire tracing.	2.00	755.00	0.00	755.00	6.00	2265.00	0.00	2265.00
	TOTAL :	40.50	15288.75	25.00	15313.75	121.50	45866.25	75.00	45941.25
	Contingency 3 %	0.00	0.00	459.41	459.41	0.00	0.00	1378.24	1378.24
	Labour welfare 4%	0.00	0.00	612.55	612.55	0.00	0.00	1837.65	1837.65
	Grand Total	40.50	15288.75	25.00	16385.71	121.50	45866.25	75.00	49157.14

(K) Tenth Year Operation (2030 - 2031)									
Sr. No.	Particular's	Cost per ha.				@ Daily Wages Rate 377.5			
		Mandays	Wages	M & S	Total	Mandays	Wages	M & S	Total
1	Watch & ward (10 months - one watcher per 10.00 ha.)	36.50	13778.75	0.00	13778.75	109.50	41336.25	0.00	41336.25
2	Counting of survival percentage Grid wise and species wise and to Note the same on register in May and October	2.00	755.00	25.00	780.00	6.00	2265.00	75.00	2340.00
3	Fire tracing.	2.00	755.00	0.00	755.00	6.00	2265.00	0.00	2265.00
	TOTAL :	40.50	15288.75	25.00	15313.75	121.50	45866.25	75.00	45941.25
	Contingency 3 %	0.00	0.00	459.41	459.41	0.00	0.00	1378.24	1378.24
	Labour welfare 4%	0.00	0.00	612.55	612.55	0.00	0.00	1837.65	1837.65
	Grand Total	40.50	15288.75	25.00	16385.71	121.50	45866.25	75.00	49157.14

**Maharashtra Jeevan Pradhikaran
Yavatmal Division, Yavatmal**

**Dy. Conservator of Forest,
Yavatmal Division Yavatmal**

ABSTRACT

Sr. No.	Years	Cost per ha.				Cost for 3.00 Ha.			
		Mandays	Wages	M & S	Total	Mandays	Wages	M & S	Total
1	Total P.Y.O. / P.P.O. expenditure	321.04	121192.60	198127.44	341672.44	963.12	363577.80	594382.32	1025017.33
2	Total First Year Operation	246.51	93057.53	12002.96	112414.72	739.53	279172.58	36008.88	337244.16
3	Total Second Year Operation	115.38	43555.95	3366.16	50206.66	346.14	130667.85	10098.48	150619.97
4	3rd Year Operation	78.00	29445.00	25.00	31532.90	234.00	88335.00	75.00	94598.70
5	4th Year Operation	40.50	15288.75	25.00	16385.71	121.50	45866.25	75.00	49157.14
6	5th Year Operation	40.50	15288.75	25.00	16385.71	121.50	45866.25	75.00	49157.14
7	6th Year Operation	40.50	15288.75	25.00	16385.71	121.50	45866.25	75.00	49157.14
8	7th Year Operation	40.50	15288.75	25.00	16385.71	121.50	45866.25	75.00	49157.14
6	8th Year Operation	40.50	15288.75	25.00	16385.71	121.50	45866.25	75.00	49157.14
7	9th Year Operation	40.50	15288.75	25.00	16385.71	121.50	45866.25	75.00	49157.14
8	10 th Year Operation	40.50	15288.75	25.00	16385.71	121.50	45866.25	75.00	49157.14
	Total	1044.43	394272.33	213696.56	650526.71	3133.29	1182816.98	641089.68	1951580.12
Total Cost for 3 Ha. = Rs. 1951580		Therefore cost for 1 Ha = Rs. 650527							

[Contingency 3 %] 54717.20
[Labour welfare 4 %] 72956.27

**Maharashtra Jeevan Pradhikaran
Yavatmal Division, Yavatmal**

**Dy. Conservator of Forest,
Yavatmal Division Yavatmal**

**Range Forest Officer (T.)
Jodmoha**

(K. J. Wable)
Dy. Conservator of Forest,
Yavatmal Division Yavatmal