

महाराष्ट्र शासन

## यवतमाळ वनविभाग, यवतमाळ

COMPENSATORY AFFORESTATION SCHEME FOR YAVATMAL WATER SUPPLY SCHEME PROJECT

Model No.5

वनसंवर्धन अधिनियम 1980 अंतर्गत यवतमाळ पाणी पुरवठा योजना सन 2022-23 ते सन 2032-33 या 10 वर्षीय कामाचे अंदाजपत्रक

कामाचे स्थळ: जांब

कक्ष क्र. 513

कामाचे क्षेत्र: 1.00 हेक्टर

तालुका: यवतमाळ जिल्हा: यवतमाळ

वनपरिक्षेत्र अधिकारी (प्रादे), यवतमाळ

वर्तुळ: जांब

नियतक्षेत्र: जांब

**COMPENSATORY AFFORESTATION SCHEME  
FOR YAVATMAL WATER SUPPLY SCHEME PROJECT**

Model No.5

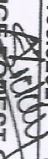
Division: Yavatmal  
Range: Yavatmal  
Village: JAMB  
COMP. NO. 513

Total Area (Ha): 1.00  
Spacing - 3.00m x 3.00m  
Size of pits - 0.45 x 0.45 x 0.45m  
No. of seedling - 1111 per ha.  
Wages (Rs.): 413.69

Sr No	Particulars of works	Expenditure per ha.			Expenditure for 1.00 ha.				
		Man days	wages	Material Supply	Total (Rs. per Ha.)	Man days	Wages	Material Supply	Total (Rs. Per Ha.)
<b>A. Pre Monsoon Works (PPO/PHYO)</b>									
1	a. Survey and demarcation	1.00	413.69	105.34	519.03	1.00	413.69	105.34	519.03
	b. Preparation of treatment map (100m 50m grid)	1.00	413.69	105.34	519.03	1.00	413.69	105.34	519.03
	c. Corner of Grid digging of trial pits size 0.30x0.30x0.60m	0.40	165.48	0.00	165.48	0.40	165.476	0.00	165.476
	d. 60cm x 5cm x 12cm Cement pillar 30cm deep erecting and colour the pillar and write the grid no. on pillar (3pillars Rs.75/-per pillars)	0.00	0.00	260.46	260.46	0.00	0.00	260.46	260.46
	e. Clearing of bushes and preparation of site (As per requirement)	10.00	4136.90	105.34	4242.24	10.00	4136.9	105.34	4242.24
2	Soil and moisture conservation works including collection of rubbles from area upto 30m etc.	31.00	12824.39	0.00	12824.39	31.00	12824.39	0.00	12824.39
3	Chainlink and Fencing 102 mt per ha. (Including 1 gate for 1 plantation) (Rs.1500/- per mt as per tender) (Height 2.35m., 10 gauge wire, Net size 100 cm x 100cm distance 2 pole 2.5 m (102 x 500=750000)	0.00	0.00	750000.00	750000.00	0.00	0.00	750000.00	750000.00
4	Alignment of pits at 3.0 x3.0 m spacing 1111 pits per ha. And alignment of pits 0.45x0.45 x 0.45 total pits 1111 per 100 pits 0.26 M.D. and M.S. Rs.9.81 per 100 pits.	2.89	1195.56	57.61	1253.17	2.89	1195.5641	57.61	1253.17
5	Digging of pits of 0.45x0.45 x 0.45 m size 1111 pits per ha (6.60 M.D. per 100pits)	73.33	30335.89	0.00	30335.89	73.33	30335.89	0.00	30335.89
6	Inspection path 5m width 1 M.D. per 100m per ha.	1.00	413.69	0.00	413.69	1.00	413.69	0.00	413.69
7	Counting of valuable natural plant species and colour tape and take entry in register (0.75 M.D. per 100 plantation.)	0.75	310.27	28.94	339.21	0.75	310.27	28.94	339.21
8	Raise a plantation information board (4x3 ft)1No.	- 0.00	0.00	5787.96	5787.96	0.00	- 0.00	5787.96	5787.96
9	Part nursery cost 1111 plant for planting +10% casually total raising 1222 plants (12.50x25cm bag size) October to March per plant 12.55(per plant wages Rs.8.93 and M.S. 3.62 per plant)	46.70	19319.32	5585.91	24905.23	46.70	19319.32	5585.91	24905.23
	<b>Total</b>	<b>168.07</b>	<b>69528.88</b>	<b>762036.90</b>	<b>831565.78</b>	<b>168.07</b>	<b>69528.88</b>	<b>762036.90</b>	<b>831565.78</b>
	Contingency 3%			22861.11	24946.97			22861.11	24946.97
	Labour Welfare 4%			30481.48	33262.63			30481.48	33262.63
	<b>Grand Total</b>	<b>168.07</b>	<b>69528.88</b>	<b>815379.48</b>	<b>889775.3846</b>	<b>168.07</b>	<b>69528.88</b>	<b>815379.48</b>	<b>889775.38</b>

RANGE FOREST OFFICER  
YAVATMAL

Sr No	Particulars of works	Expenditure per ha.			Expenditure for 1.00 ha.				
		Man days	wages	Material Supplu	Man days	Wages	Material Supplu		
		Total (Rs. per Ha.)	Total (Rs. per Ha.)	Total (Rs. Per Ha.)	Total (Rs. Per Ha.)	Total (Rs. Per Ha.)	Total (Rs. Per Ha.)		
<b>B: First Year Operation</b>									
1	Part nursery cost for maintenance of 1333 seedling per ha. Rs. 2.64 per seedling (Wages Rs.2.69 & M.S.Rs0.81)	14.80	6122.61	1193.75	7316.36	14.80	6122.61	1193.75	7316.36
2	Refilling of pits with good quality soil including application of single super phosphate (1.66 MD per 100 pits)	18.44	7628.44	2176.84	9805.28	18.44	7628.44	2176.84	9805.28
3	Transporting of 1333 seedlings from nursery to plantation site including loading & unloading (0.14 MD per 100 plants and M.S. Rs. 1.82 per seedling.)	1.87	773.6	2738.60	3512.2	1.87	773.6	2738.60	3512.2
4	Planting of 1111 seedlings (1 MD per 100 seedling)	11.11	4596.10	0.00	4596.10	11.11	4596.10	0.00	4596.10
5	3 seedling (1 Rmt circular) and 2 soil working (4.0 MD per 100 seedling) fertilizer application Rs. 0.82 per seedling.	44.44	18384.38	983.09	19367.47	44.44	18384.38	983.09	19367.47
6	Watering 1111 seedling November and December 1 time each, January to March 2 time each per seedling 5 litre water, purchase of 1111 plastic can of 5 liters/matka @ 25/- each and 100 litre capacity 11 drums @400/- each for supplying.	59.25	24511.13	62004.71	86515.84	59.25	24511.13	62004.71	86515.84
7	Casualty replacement (20% 222 seedling per ha) (2 M.D. per 100 seedlings)	4.44	1836.78	0.00	1836.78	4.44	1836.78	0.00	1836.78
8	Part nursery Cost forcasualty replacement in SYO (222 seedling per ha) ( wages Rs. 1190 and M.S. 3.62 total Rs. 12.55 perseedling)	7.77	3214.37	912.87	4127.24	7.77	3214.37	912.87	4127.24
9	Watch and ward (9 months) (watcher per 10 ha)	27.38	11326.83	0.00	11326.83	27.38	11326.83	0.00	11326.83
10	Soil working for natural grower plants and singling (1.15 MD per 100 plants)	1.15	475.74	211.00	686.74	1.15	475.74	211.00	686.74
11	Fire tracing.	2.00	827.38	0.00	827.38	2.00	827.38	0.00	827.38
	<b>Total</b>	<b>192.65</b>	<b>79697.36</b>	<b>70220.86</b>	<b>149918.22</b>	<b>192.65</b>	<b>79697.36</b>	<b>70220.86</b>	<b>149918.22</b>
	Contingency 3%			2106.63	2106.63			2106.63	2106.63
	Labour Welfare 4%			2808.83	2808.83			2808.83	2808.83
	<b>Grand Total</b>	<b>192.65</b>	<b>79697.36</b>	<b>75136.32</b>	<b>154833.68</b>	<b>192.65</b>	<b>79697.36</b>	<b>75136.32</b>	<b>154833.68</b>

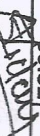
  
 RANGARAJ FOREST OFFICER  
 YAVATMAL

Sr No	Particulars of works	Expenditure per ha.				Expenditure for 1.00 ha.			
		Man days	wages	Material Supplu	Total (Rs. per Ha.)	Man days	Wages	Material Supply	Total (Rs. Per Ha.)
1	Part nursery cost for seedling for casually replacement (222 seedlings per ha) Labour rate @ Rs.3.77 and MS Rs. 1.82 per seedling.	2.46	1017.68	435.72	1453.40	2.46	1017.68	435.72	1453.40
2	Transporting of 222 seedling for casually replacement from nursery to plantation site including loading & unloading (0.14 MD per 100 plants and M.S.Rs. 1.82 per seedling.	0.31	128.24	479.29	607.53	0.31	128.24	479.29	607.53
3	Planting for casually replacement 222 seedlings (2.00MD per 100 seedlings.)	4.41	1824.37	0.00	1824.37	4.41	1824.37	0.00	1824.37
4	2 weedings and 1 soil working with fertilizers application 2.5 MD per 100 seedlings and MS Rs.0.82 per seedling.	27.77	11488.17	1045.72	12533.89	27.77	11488.17	1045.72	12533.89
5	Watering 1111 seedling November and December 1 time each, January to March 2 time each per seedling 5 litre water purchase of 1111 plastic can of 5 litre/matka @ 25/- each and 100 litre capacity 11 drums @400/- each for supplying water and water supply @0.05/- per litre and wages for watering 1 MD for 150 seedlings.	88.88	36768.77	41610.94	78379.71	88.88	36768.77	41610.94	78379.71
6	Watch and ward 12 months-1 watcher per 10 ha.	36.50	15099.69	0.00	15099.69	36.50	15099.69	0.00	15099.69
7	Fire tracing	2.00	827.38	0.00	827.38	2.00	827.38	0.00	827.38
	<b>Total</b>	<b>162.36</b>	<b>67154.30</b>	<b>43571.67</b>	<b>110725.97</b>	<b>162.36</b>	<b>67154.30</b>	<b>43571.67</b>	<b>110725.97</b>
	Contingency 3%			1307.15	1307.15			1307.15	1307.15
	Labour Welfare 4%			1742.87	1742.87			1742.87	1742.87
	<b>Grand Total</b>	<b>162.36</b>	<b>67154.30</b>	<b>46621.687</b>	<b>113775.99</b>	<b>162.36</b>	<b>67154.30</b>	<b>46621.6869</b>	<b>113775.99</b>

RANGE FOREST OFFICER  
YAVATMAL

Sr No	Particulars of works	Expenditure per ha.				Expenditure for 1.00 ha.			
		Man days	wages	Material Supplu	Total (Rs.per Ha.)	Man days	Wages	Material Supply	Total (Rs. Per Ha.)
<b>D. Third Year Operations</b>									
1	1 weeding and 1 soil working (1.5 MD per 100 seedlings) applying fertilizers @ Rs 0.82 per plant	16.67	6896.21	1049.45	7945.66	16.67	6896.21	1049.45	7945.66
2	Watering 556 seedling November and December January and June 1 time each per and February to May 2 time each total 12 times per seedling 5 litre water supply @ 0.50/- per litre and watering 1.50 seedling per M.D.	44.48	18400.93	19214.55	37615.48	44.48	18400.93	19214.55	37615.48
3	Watch and ward 12 months 1 watcher per 10 ha.	36.50	15099.69	0.00	15099.69	36.50	15099.69	0.00	15099.69
4	Counting of survival percentage grid wise and Specieswise and to Note the same on Register in May and October.	2.00	827.38	28.81	856.19	2.00	827.38	28.81	856.19
5	Fire tracing	2.00	827.38	0.00	827.38	2.00	827.38	0.00	827.38
	<b>Total</b>	<b>101.65</b>	<b>42051.59</b>	<b>20292.81</b>	<b>62344.40</b>	<b>101.65</b>	<b>42051.59</b>	<b>20292.81</b>	<b>62344.40</b>
	Contingency 3%			608.78	608.78			608.78	608.78
	Labour Welfare 4%			811.71	811.71			811.71	811.71
	<b>Grand Total</b>	<b>101.65</b>	<b>42051.59</b>	<b>21713.31</b>	<b>63764.89</b>	<b>101.65</b>	<b>42051.59</b>	<b>21713.31</b>	<b>63764.89</b>

Sr No	Particulars of works	Expenditure per ha.				Expenditure for 1.00 ha.			
		Man days	wages	Material Supplu	Total (Rs.per Ha.)	Man days	Wages	Material Supply	Total (Rs. Per Ha.)
<b>E. Fourth Year Operations</b>									
1	Watch and ward 12 months 1 watcher per 10 ha.	36.50	15099.69	0.00	15099.69	36.50	15099.69	0.00	15099.69
2	Counting of survival percentage grid wise and Specieswise and to Note the same on Register in May and October.	2.00	827.38	0.00	827.38	2.00	827.38	0.00	827.38
3	Fire tracing	2.00	827.38	28.8	856.18	2.00	827.38	28.8	856.18
	<b>Total</b>	<b>40.50</b>	<b>16754.45</b>	<b>28.80</b>	<b>16783.25</b>	<b>40.50</b>	<b>16754.45</b>	<b>28.80</b>	<b>16783.25</b>
	Contingency 3%			0.86	503.50			0.86	503.50
	Labour Welfare 4%			1.15	671.33			1.15	671.33
	<b>Grand Total</b>	<b>40.50</b>	<b>16754.45</b>	<b>30.82</b>	<b>17958.07</b>	<b>40.50</b>	<b>16754.45</b>	<b>30.82</b>	<b>17958.07</b>

  
 RANGE FOREST OFFICER  
 YAVATMAL

Sr No	Particulars of works	Expenditure per ha.			Expenditure for 1.00 ha.				
		Man days	wages	Material Supplu	Total (Rs. per Ha.)	Man days	Wages	Material Supply	Total (Rs. Per Ha.)
<b>F. Fifth Year Operations</b>									
1	Watch and ward 12 months 1 watcher per 10 ha.	36.50	15099.69	0.00	15099.69	36.50	15099.69	0.00	15099.69
2	Counting of survival percentage grid wise and Specieswise and to Note the same on Register in May and October.	2.00	827.38	0.00	827.38	2.00	827.38	0.00	827.38
3	Fire tracing	2.00	827.38	28.8	856.18	2.00	827.38	28.8	856.18
	<b>Total</b>	<b>40.50</b>	<b>16754.45</b>	<b>28.80</b>	<b>16783.25</b>	<b>40.50</b>	<b>16754.45</b>	<b>28.80</b>	<b>16783.25</b>
	Contingency 3%			0.86	503.50			0.86	503.50
	Labour Welfare 4%			1.15	671.33			1.15	671.33
	<b>Grand Total</b>	<b>40.50</b>	<b>16754.45</b>	<b>30.82</b>	<b>17958.07</b>	<b>40.50</b>	<b>16754.45</b>	<b>30.82</b>	<b>17958.07</b>

Sr No	Particulars of works	Expenditure per ha.			Expenditure for 1.00 ha.				
		Man days	wages	Material Supplu	Total (Rs. per Ha.)	Man days	Wages	Material Supply	Total (Rs. Per Ha.)
<b>G. Sixth Year Operations</b>									
1	Watch and ward 12 months 1 watcher per 10 ha.	36.50	15099.69	0.00	15099.69	36.50	15099.69	0.00	15099.69
2	Counting of survival percentage grid wise and Specieswise and to Note the same on Register in May and October.	2.00	827.38	0.00	827.38	2.00	827.38	0.00	827.38
3	Fire tracing	2.00	827.38	28.8	856.18	2.00	827.38	28.8	856.18
	<b>Total</b>	<b>40.50</b>	<b>16754.45</b>	<b>28.80</b>	<b>16783.25</b>	<b>40.50</b>	<b>16754.45</b>	<b>28.80</b>	<b>16783.25</b>
	Contingency 3%			0.86	503.50			0.86	503.50
	Labour Welfare 4%			1.15	671.33			1.15	671.33
	<b>Grand Total</b>	<b>40.50</b>	<b>16754.45</b>	<b>30.82</b>	<b>17958.07</b>	<b>40.50</b>	<b>16754.45</b>	<b>30.82</b>	<b>17958.07</b>

RANGE FOREST OFFICER  
 YAVATMAL

Sr No	Particulars of works	Expenditure per ha.				Expenditure for 1.00 ha.			
		Man days	wages	Material Supplu	Total (Rs. per Ha.)	Man days	Wages	Material Supply	Total (Rs. Per Ha.)
<b>H. Seventh Year Operations</b>									
1	Watch and ward 12 months 1 watcher per 10 ha.	36.50	15099.69	0.00	15099.69	36.50	15099.69	0.00	15099.69
2	Counting of survival percentage grid wise and Specieswise and to Note the same on Register in May and October.	2.00	827.38	0.00	827.38	2.00	827.38	0.00	827.38
3	Fire tracing	2.00	827.38	28.8	856.18	2.00	827.38	28.8	856.18
	<b>Total</b>	<b>40.50</b>	<b>16754.45</b>	<b>28.80</b>	<b>16783.25</b>	<b>40.50</b>	<b>16754.45</b>	<b>28.80</b>	<b>16783.25</b>
	Contingency 3%			0.86	503.50			0.86	503.50
	Labour Welfare 4%			1.15	671.33			1.15	671.33
	<b>Grand Total</b>	<b>40.50</b>	<b>16754.45</b>	<b>30.82</b>	<b>17958.07</b>	<b>40.50</b>	<b>16754.45</b>	<b>30.82</b>	<b>17958.07</b>

Sr No	Particulars of works	Expenditure per ha.				Expenditure for 1.00 ha.			
		Man days	wages	Material Supplu	Total (Rs. per Ha.)	Man days	Wages	Material Supply	Total (Rs. Per Ha.)
<b>I. Eighth Year Operations</b>									
1	Watch and ward 12 months 1 watcher per 10 ha.	36.50	15099.69	0.00	15099.69	36.50	15099.69	0.00	15099.69
2	Counting of survival percentage grid wise and Specieswise and to Note the same on Register in May and October.	2.00	827.38	0.00	827.38	2.00	827.38	0.00	827.38
3	Fire tracing	2.00	827.38	28.8	856.18	2.00	827.38	28.8	856.18
	<b>Total</b>	<b>40.50</b>	<b>16754.45</b>	<b>28.80</b>	<b>16783.25</b>	<b>40.50</b>	<b>16754.45</b>	<b>28.80</b>	<b>16783.25</b>
	Contingency 3%			0.86	503.50			0.86	503.50
	Labour Welfare 4%			1.15	671.33			1.15	671.33
	<b>Grand Total</b>	<b>40.50</b>	<b>16754.45</b>	<b>30.82</b>	<b>17958.07</b>	<b>40.50</b>	<b>16754.45</b>	<b>30.82</b>	<b>17958.07</b>

30.82  
17958.07  
RANGE FOREST OFFICER  
YAVATMAL

Sr No	Particulars of works	Expenditure per ha.			Expenditure for 1.00 ha.				
		Man days	wages	Material Supplu	Total (Rs. per Ha.)	Man days	Wages	Material Supply	Total (Rs. Per Ha.)
<b>J. Ninth Year Operations</b>									
1	Watch and ward 12 months 1 watcher per 10 ha.	36.50	15099.69	0.00	15099.69	36.50	15099.69	0.00	15099.69
2	Counting of survival percentage grid wise and Specieswise and to Note the same on Register in May and October.	2.00	827.38	0.00	827.38	2.00	827.38	0.00	827.38
3	Fire tracing	2.00	827.38	28.8	856.18	2.00	827.38	28.8	856.18
	<b>Total</b>	<b>40.50</b>	<b>16754.45</b>	<b>28.80</b>	<b>16783.25</b>	<b>40.50</b>	<b>16754.45</b>	<b>28.80</b>	<b>16783.25</b>
	Contingency 3%			0.86	503.50			0.86	503.50
	Labour Welfare 4%			1.15	671.33			1.15	671.33
	<b>Grand Total</b>	<b>40.50</b>	<b>16754.45</b>	<b>30.82</b>	<b>17958.07</b>	<b>40.50</b>	<b>16754.45</b>	<b>30.82</b>	<b>17958.07</b>

Sr No	Particulars of works	Expenditure per ha.			Expenditure for 1.00 ha.				
		Man days	wages	Material Supplu	Total (Rs. per Ha.)	Man days	Wages	Material Supply	Total (Rs. Per Ha.)
<b>K. Tenth Year Operations</b>									
1	Watch and ward 12 months 1 watcher per 10 ha.	36.50	15099.69	0.00	15099.69	36.50	15099.69	0.00	15099.69
2	Counting of survival percentage grid wise and Specieswise and to Note the same on Register in May and October.	2.00	827.38	0.00	827.38	2.00	827.38	0.00	827.38
3	Fire tracing	2.00	827.38	28.8	856.18	2.00	827.38	28.8	856.18
	<b>Total</b>	<b>40.50</b>	<b>16754.45</b>	<b>28.80</b>	<b>16783.25</b>	<b>40.50</b>	<b>16754.45</b>	<b>28.80</b>	<b>16783.25</b>
	Contingency 3%			0.86	503.50			0.86	503.50
	Labour Welfare 4%			1.15	671.33			1.15	671.33
	<b>Grand Total</b>	<b>40.50</b>	<b>16754.45</b>	<b>30.82</b>	<b>17958.07</b>	<b>40.50</b>	<b>16754.45</b>	<b>30.82</b>	<b>17958.07</b>

**RANGE FOREST OFFICER**  
YAVATMAL

परिष्कारक वनरक्षक (ज.का.स.वर्ग-11)  
यवतमाळ वनविभाग यवतमाळ

Dy Conservator of Forests  
Yavatmal Division