# YAVATMAL FOREST DIVISION, YAVATMAL

Tahsil : Yavatmal District : Yavatmal

Enclouser to Principal Chief Conservator of Forest (HoFF), M.S. Nagpur Letter No.Desk-17/CA/Nodal Cell/CR-40/1127/2019-20, Date 4.11.2019

## Model Rate Structure for Compensatory Afforestation Model No.5

## Fencing and Irrigated Plantations

Model rate structure for plantation of mixed tree species having rainfall less than 800 mm and medium quality, medium drained soil.

| | | |
|---|---|---|
| Division : Yavatmal | Area of Land :- 1.20 | Plantation area : 1.2 Ha. |
| Range : Yavatmal | Village : Pimpalgaon | Rate : 399.73 /- |
| Round : Waghapur | No. of Plants : 1111 / ha. | Compartmnet No. : 488 |
| Beat : Waghapur | Spacement :- 3m x 3m | Size of pits :- 0.45x0.45x0.45m. |
| | No. of Seedlings :- 1111 per Ha. | |

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## P.P.O. + P.Y.O.

| Sr. No. | Particular of Work | Mandays | Wages | Material Supply | Total | Mandays | Wages | Material supply | Total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| A) | **Pre Monsoon Works PPO / PYO** | | | | | | | | |
| 1 | a) Survey of demarcation | 1.00 | 399.73 | 91.00 | 490.73 | 1.20 | 479.68 | 109.20 | 588.88 |
| | b) Preparation of treatment map (100m x 50m.grid) | 1.00 | 399.73 | 91.00 | 490.73 | 1.20 | 479.68 | 109.20 | 588.88 |
| | c) Digging trial pits of size 0.30x0.30x0.60 in corner of Grid. | 0.40 | 159.89 | 0.00 | 159.89 | 0.48 | 191.87 | 0.00 | 191.87 |
| | d) Fixing 60 cm x 0.05 cm x 12 cm cement pillars upto 30cm 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 | 0.00 | 270.00 | 270.00 |
| | e) Clearing of bushes and preparation of site (As per requirement.) | 10.00 | 3997.30 | 91.00 | 4088.30 | 12.00 | 4796.76 | 109.20 | 4905.96 |
| 2 | Soil and moisture conservation works including collection of rubbles from areas upto 30 mtr. Etc. | 31.00 | 12391.63 | 0.00 | 12391.63 | 37.20 | 14869.96 | 0.00 | 14869.96 |
| 3 | Providing and fixing chain link fencing, 102 Rmt. Per ha. (With one gate + two wickets gates for one site) (Rs.2306/- per Rmt of basic rate + 20% for transportation of ave. Lead (by tender process). (Rs.2306+461=2767) per Rmt. (as per SSR Item No.46.39 for 2021-22) Providing and erecting chainlink fencing 1.6 M. height with G.I. chain link of size 50x50mm, 8 gauge thick and fixed 75 mm above ground level on vertical M.S.Angles of<br>40x40x6mm size, including excavating pits for foundation and embeddeding C.C. block of 1:4:8 mix of size 450 x 450 x 670 mm.at 1.75M.c/c with iron bar 16mm dia as holdfast including welding link with angle frame at 30cm c/c with nuts and bolts and horizontal M.S. Angles at top and bottom of 25x25x5mm size and vertical M S flat 35x5mm and 25x5mm horizontal including crosssup port of 40x40x6mm angles both side at every corner or bend embedded in concrete blocks of 1:4:8 of size 450 x 450 x 670 mm including 3 coats of oil painting etc. complete. | 0.00 | 0.00 | 282234.00 | 282234.00 | 0.00 | 0.00 | 338680.80 | 338680.80 |

| No. | Particular of Work | Mandays | Wages | Material Supply | Total | Mandays | Wages | Material supply | Total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 4 | Alignment of pits at 3m x 3 m spacement. 1111 pits per Ha. (0.25 per 100 pits and M&S @ Rs. 2.24 per 50 pits.) | 2.78 | 1111.25 | 49.77 | 1161.02 | 3.34 | 1333.50 | 59.72 | 1393.22 |
| 5 | Digging of pits of size 0.45 x 0.45 x 0.45 m (1111 pits per ha.) 6.60 M.D. Per 100 pits<br>Note :- As per local conditions provision for mechanized digging can be made. | 73.33 | 29312.20 | 0.00 | 29312.20 | 88.00 | 35174.64 | 0.00 | 35174.64 |
| 6 | Construction of 5.00 Rmt. Wide Inspection Path 1M.D. Per 100 Rmt. | 1.00 | 399.73 | 0.00 | 399.73 | 1.20 | 479.68 | 0.00 | 479.68 |
| 7 | Enumeration of all valuable plant species at plantation site and grid wise counting and providing color band and recording the same in Register (0.75 M.D.) per 100 plants.) | 0.75 | 299.80 | 25.00 | 324.80 | 0.90 | 359.76 | 30.00 | 389.76 |
| 8 | 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 | 6000.00 | 6000.00 |
| 9 | Part Nursery cost of rising 1333 seedlings per ha (including 20% casualty replacement) in polygons of size 12.50 x 25.00 cm. (Wages Rs. 11.90 and M&S Rs. 3.63 per plant) | 46.71 | 18671.39 | 4825.46 | 23496.85 | 56.05 | 22405.67 | 5790.55 | 28196.22 |
| | TOTAL : | 168 | 67143 | 292632 | 359775 | 202 | 80571 | 351159 | 431730 |
| | Equipment and contigency charges 3% : | | | | 10793 | | | | 12952 |
| | Labour Welfare charges 4% : | | | | 14391 | | | | 17269 |
| | Grand Total : | | | | 384959 | | - | | 461951 |

Range Forest Officer (T)
Yavatmal

Asst. Conservator of Forest (FLCS & CAMPA)
Yavatmal Division, Yavatmal

Dy. Conservator of Forest
Yavatmal Division, Yavatmal

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# ESTIMATE FOR FIRST YEAR OPERATION

| Sr. No. | Particular of Work | Mandays | Wages | Material Supply | Total | Mandays | Wages | Material supply | Total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| B) | **First Year Operation** | | | | | | | | |
| 1 | Part Nursery cost for maintenance of 1333 seedlings per ha Rs. 3.77 per seedling (Wages Rs. 2.69, M&S Rs.0.81) | 14.80 | 5916.00 | 1079.73 | 6995.73 | 17.76 | 7099.20 | 1295.68 | 8394.88 |
| 2 | Refilling of pits by good quality soil including application of sinle super phosphate (1.66 MD per 100 pits. | 18.44 | 7371.02 | 1944.25 | 9315.27 | 22.13 | 8845.23 | 2333.10 | 11178.33 |
| 3 | Transportation of 1333 seedlings from Nursery to Plantation site including loading and unloading (0.14 MD per 100 seedlings and M.S. Rs. 1.82 per seedlings.) | 1.87 | 747.50 | 2426.00 | 3173.50 | 2.24 | 896.99 | 2911.20 | 3808.19 |
| 4 | Planting of 1111 seedlings (1.00 MD per 100 seedlings.) | 11.11 | 4441.00 | 0.00 | 4441.00 | 13.33 | 5329.20 | 0.00 | 5329.20 |
| 5 | 3 seedlings (1 Rmt. Circular) and 2 soil workings (4.00 M.D per 100 seedlings.) fertilizer application Rs. 0.82 per seedlings. | 44.44 | 17764.00 | 911.02 | 18675.02 | 53.33 | 21316.80 | 1093.22 | 22410.02 |
| 6 | Watering 1111 seedlings Novermber and December 1 time each, January to March 2 time each per seedlings 5 liter water, purchase of 1111 plastig can of 5 litre / matka @ Rs.25/- each and 100 liter capacity 11 drums @ Rs.400/- each for supplyingg water an dwater supply at @ Rs. 0.05 per liter and wages for watering 1 M.D. for 150 seedlings.) | 59.25 | 23684.00 | 54395.00 | 78079.00 | 71.10 | 28420.80 | 65274.00 | 93694.80 |
| 7 | Casualty replacement (20% 222 seedlings per Ha.) (2 M.D. Per 100 seedlings.) | 4.44 | 1774.80 | 0.00 | 1774.80 | 5.33 | 2129.76 | 0.00 | 2129.76 |

| | Particular of Work | Mandays | Wages | Material Supply | Total | Mandays | Wages | Material supply | Total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 8 | Part Nursery cost for maintenance in SYO (222 seedlings per ha.) (wages Rs. 11.90 and material supply Rs.3.62 total Rs. 12.55 per seedlings.) | 7.77 | 3105.90 | 803.64 | 3909.54 | 9.32 | 3727.08 | 964.37 | 4691.45 |
| 9 | Watch and ward (10 months - 1 watcher per 10 Ha.) | 27.38 | 10944.61 | 0.00 | 10944.61 | 32.86 | 13133.53 | 0.00 | 13133.53 |
| 10 | Soil workign for naturally grower plants and singling (1.1.5 M.D. Per 100 plants.) | 1.15 | 459.69 | 10.00 | 469.69 | 1.38 | 551.63 | 12.00 | 563.63 |
| 11 | Fire tracing. | 2.00 | 799.46 | 0.00 | 799.46 | 2.40 | 959.35 | 0.00 | 959.35 |
| | TOTAL : | **192.65** | **77007.98** | **61569.64** | **138577.62** | **231.18** | **92409.57** | **73883.57** | **166293.14** |
| | **Equipment and contigency charges 3% :** | | | | **4157.33** | | | | **4988.79** |
| | **Labour Welfare charges 4% :** | | | | **5543.10** | | | | **6651.73** |
| | **Grand Total :** | | | | **148278.05** | | | | **177933.66** |



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# ESTIMATE FOR SECOND YEAR OPERATION

| Sr. No. | Particular of Work | Mandays | Wages | Material Supply | Total | Mandays | Wages | Material supply | Total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| C) | **Second Year Operation** | | | | | | | | |
| 1 | Part Nursery cost for seedlings for causality replacement (222 seedling per ha.) labour rate @ Rs. 3.77 and M.S. Rs. 1.82 per seedlings. | 2.46 | 1081.66 | 404.00 | 1485.66 | 2.95 | 1297.99 | 484.80 | 1782.79 |
| 2 | Transportation of 222 seedlings for causality replacement from nursery to plantation site (including loading an unloading) wages 0.14 M.D. Per 100 seedling and M.S. Rs. 1.82 per seedlings | 0.31 | 136.31 | 404.04 | 540.35 | 0.37 | 163.57 | 484.85 | 648.42 |
| 3 | Planting for casualty replacement 222 seedlings (2.00 M.D. Per 100 seedlings) | 4.44 | 1952.27 | 0.00 | 1952.27 | 5.33 | 2342.72 | 0.00 | 2342.72 |
| 4 | 2 weedings and 1 soil working, with frtilizer application 2.5 M.D. Per 100 seedlings at M.S. Rs. 0.82 per seedling. | 27.77 | 12210.47 | 911.02 | 13121.49 | 33.32 | 14652.56 | 1093.22 | 15745.78 |
| 5 | Watering 111 seedlings in Novembr, December, January and June1 time each and February to May 2 times each total 12 times 5 litre per seedlings, replacing 10% plastic can/ matka @ Rs.25/- each replacing 111 cans / matka, supplying water @ Rs.0.50/- per litre and watering 150 seedlings per M.D. | 88.88 | 39080.54 | 36105.00 | 75185.54 | 106.66 | 46896.64 | 43326.00 | 90222.64 |
| 6 | Watch and ward 12 months - 1 watcher per 10.00 Ha | 36.50 | 16049.05 | 0.00 | 16049.05 | 43.80 | 19258.86 | 0.00 | 19258.86 |
| 7 | Fire Trecing. | 2.00 | 879.40 | 0.00 | 879.40 | 2.40 | 1055.28 | 0.00 | 1055.28 |
| 8 | TOTAL : | 162.36 | 71389.69 | 37824.06 | 109213.75 | 194.83 | 85667.62 | 45388.87 | 131056.49 |
| 9 | Equipment and contigency charges 3% : | | | | 3276.41 | | | | 3931.69 |
| 10 | Labour Welfare charges 4% : | | | | 4368.55 | | | | 5242.26 |
| | Grand Total : | | | | 116858.71 | | | | 140230.44 |

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# ESTIMATE FOR THIRD YEAR OPERATION

| Sr. No. | Particular of Work | Mandays | Wages | Material Supply | Total | Mandays | Wages | Material supply | Total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| D) | **Third Year Operation** | | | | | | | | |
| 1 | 1 weeding and 1 soil working (1.50 M.D. Per 100 seedlings) applying fertilizer @ Rs. 0.82 per plant. | 16.67 | 8063.28 | 911.02 | 8974.30 | 20.00 | 9675.93 | 1093.22 | 10769.15 |
| 2 | Watering 556 seedlings in November, December, January and June 1 time each and February to May 2 times each total 12 time per seedlings 5 litre, water supply @ Rs.0.50/- litre and watering 150 seedlings per M.D. | 44.48 | 21514.98 | 16680.00 | 38194.98 | 53.38 | 25817.97 | 20016.00 | 45833.97 |
| 3 | Watch and ward 12 months 1 watcher per 10.00 Ha. | 36.50 | 17655.05 | 0.00 | 17655.05 | 43.80 | 21186.06 | 0.00 | 21186.06 |
| 4 | Counting of survival percentage Grid wise and Species wise and to Note the same on Register in May and October. | 2.00 | 967.40 | 25.00 | 992.40 | 2.40 | 1160.88 | 30.00 | 1190.88 |
| 5 | Fire tracing | 2.00 | 967.40 | 0.00 | 967.40 | 2.40 | 1160.88 | 0.00 | 1160.88 |
| | **TOTAL :** | **101.65** | **49168.11** | **17616.02** | **66784.13** | **121.98** | **59001.72** | **21139.22** | **80140.94** |
| 6 | **Equipment and contigency charges 3% :** | | | | **2003.52** | | | | **2404.23** |
| 7 | **Labour Welfare charges 4% :** | | | | **2671.37** | - | - | - | **3205.64** |
| 8 | **Grand Total :** | | | | **71459.02** | | | | **85750.81** |

## ESTIMATE FOR FORTH YEAR OPERATION

| Sr. No. | Particular of Work | Mandays | Wages | Material Supply | Total | Mandays | Wages | Material supply | Total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| E) | **Fourth Year Operations** | | | | | | | | |
| 1 | Watch and Ward 12 months 1 watcher per 10.00 Ha. | 36.50 | 19421.65 | 0.00 | 19421.65 | 43.80 | 23305.98 | 0.00 | 23305.98 |
| 2 | Counting of survival percentage Grid wise and species wise and to Note the same on Register in May and October | 2.00 | 1064.20 | 25.00 | 1089.20 | 2.40 | 1277.04 | 30.00 | 1307.04 |
| 3 | Fire Tracing. | 2.00 | 1064.20 | 0.00 | 1064.20 | 2.40 | 1277.04 | 0.00 | 1277.04 |
| | **TOTAL :** | **40.50** | **21550.05** | **25.00** | **21575.05** | **48.60** | **25860.06** | **30.00** | **25890.06** |
| 4 | **Equipment and contigency charges 3% :** | | | | **647.25** | | | | **776.70** |
| 5 | **Labour Welfare charges 4% :** | | | | **863.00** | | | | **1035.60** |
| 6 | **Grand Total :** | | | | **23085.30** | | | | **27702.36** |

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## ESTIMATE FOR FIFTH YEAR OPERATION

| Sr. No. | Particular of Work | Mandays | Wages | Material Supply | Total | Mandays | Wages | Material supply | Total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| F) | **Fifth Year Operations** | | | | | | | | |
| 1 | Watch and Ward 12 months 1 watcher per 10.00 Ha. | 36 50 | 21363.45 | 0.00 | 21363.45 | 43.80 | 25636.14 | 0.00 | 25636.14 |
| 2 | Counting of survival percentage Grid wise and species wise and to Note the same on Register in May and October | 2.00 | 1170.60 | 25.00 | 1195.60 | 2.40 | 1404.72 | 30.00 | 1434.72 |
| 3 | Fire Tracing. | 2.00 | 1170.60 | 0.00 | 1170.60 | 2.40 | 1404.72 | 0.00 | 1404.72 |
| | **TOTAL :** | **40.50** | **23704.65** | **25.00** | **23729.65** | **48.60** | **28445.58** | **30.00** | **28475.58** |
| | **Equipment and contigency charges 3% :** | | | | **711.89** | | | | **854.27** |
| | **Labour Welfare charges 4% :** | | | | **949.19** | | | | **1139.02** |
| | **Grand Total :** | | | | **25390.73** | | | | **30468.87** |

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## ESTIMATE FOR SIXTH YEAR OPERATION

| Sr. No. | Particular of Work | Mandays | Wages | Material Supply | Total | Mandays | Wages | Material supply | Total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| G) | **Sixth Year Operations** | | | | | | | | |
| 1 | Watch and Ward 12 months 1 watcher per 10.00 Ha. | 36.50 | 23498.70 | 0.00 | 23498.70 | 43.80 | 28198.44 | 0.00 | 28198.44 |
| 2 | Counting of survival percentage Grid wise and species wise and to Note the same on Register in May and October | 2.00 | 1287.60 | 25.00 | 1312.60 | 2.40 | 1545.12 | 30.00 | 1575.12 |
| 3 | Fire Tracing. | 2.00 | 1287.60 | 0.00 | 1287.60 | 2.40 | 1545.12 | 0.00 | 1545.12 |
| | TOTAL : | **40.50** | **26073.90** | **25.00** | **26098.90** | **48.60** | **31288.68** | **30.00** | **31318.68** |
| | **Equipment and contigency charges 3% :** | | | | | | | | **939.56** |
| | **Labour Welfare charges 4% :** | | | | | | | | **1252.75** |
| | **Grand Total :** | | | | | | | | **33510.99** |

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## ESTIMATE FOR SEVENTH YEAR OPERATION

| Sr. No. | Particular of Work | Mandays | Wages | Material Supply | Total | Mandays | Wages | Material supply | Total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| H) | **Seventh Year Operations** | | | | | | | | |
| 1 | Watch and Ward 12 months 1 watcher per 10.00 Ha. | 36.50 | 25849.30 | 0.00 | 25849.30 | 43.80 | 31019.16 | 0.00 | 31019.16 |
| 2 | Counting of survival percentage Grid wise and species wise and to Note the same on Register in May and October | 2.00 | 1416.40 | 25.00 | 1441.40 | 2.40 | 1699.68 | 30.00 | 1729.68 |
| 3 | Fire Tracing. | 2.00 | 1416.40 | 0.00 | 1416.40 | 2.40 | 1699.68 | 0.00 | 1699.68 |
| | **TOTAL :** | **40.50** | **28682.10** | **25.00** | **28707.10** | **48.60** | **34418.52** | **30.00** | **34448.52** |
| | **Equipment and contigency charges 3% :** | | | | **861.21** | | | | **1033.46** |
| | **Labour Welfare charges 4% :** | | | | **1148.28** | | | | **1377.94** |
| | **Grand Total :** | | | | **30716.59** | | | | **36859.92** |

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## ESTIMATE FOR EIGHT YEAR OPERATION

| Sr. No. | Particular of Work | Mandays | Wages | Material Supply | Total | Mandays | Wages | Material supply | Total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| H) | **Eight Year Operations** | | | | | | | | |
| 1 | Watch and Ward 12 months 1 watcher per 10.00 Ha. | 36.50 | 28433.50 | 0.00 | 28433.50 | 43.80 | 34120.20 | 0.00 | 34120.20 |
| 2 | Counting of survival percentage Grid wise and species wise and to Note the same on Register in May and October | 2.00 | 1558.00 | 25.00 | 1583.00 | 2.40 | 1869.60 | 30.00 | 1899.60 |
| 3 | Fire Tracing. | 2.00 | 1558.00 | 0.00 | 1558.00 | 2.40 | 1869.60 | 0.00 | 1869.60 |
| | **TOTAL :** | **40.50** | **31549.50** | **25.00** | **31574.50** | **48.60** | **37859.40** | **30.00** | **37889.40** |
| | **Equipment and contigency charges 3% :** | | | | **947.24** | | | | **1136.68** |
| | **Labour Welfare charges 4% :** | | | | **1262.98** | | | | **1515.58** |
| | **Grand Total :** | | | | **33784.72** | | | | **40541.66** |



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# ESTIMATE FOR NINE YEAR OPERATION

| Sr. No. | Particular of Work | Mandays | Wages | Material Supply | Total | Mandays | Wages | Material supply | Total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| H) | **Nine Year Operations** | | | | | | | | |
| 1 | Watch and Ward 12 months 1 watcher per 10.00 Ha. | 36.50 | 31276.85 | 0.00 | 31276.85 | 43.80 | 37532.22 | 0.00 | 37532.22 |
| 2 | Counting of survival percentage Grid wise and species wise and to Note the same on Register in May and October | 2.00 | 1713.80 | 25.00 | 1738.80 | 2.40 | 2056.56 | 30.00 | 2086.56 |
| 3 | Fire Tracing. | 2.00 | 1713.80 | 0.00 | 1713.80 | 2.40 | 2056.56 | 0.00 | 2056.56 |
| | **TOTAL :** | **40.50** | **34704.45** | **25.00** | **34729.45** | **48.60** | **41645.34** | **30.00** | **41675.34** |
| | **Equipment and contigency charges 3% :** | | | | **1041.88** | | | | **1250.26** |
| | **Labour Welfare charges 4% :** | | | | **1389.18** | | | | **1667.01** |
| | **Grand Total :** | | | | **37160.51** | | | | **44592.61** |



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## ESTIMATE FOR TEN YEAR OPERATION

| Sr. No. | Particular of Work | Mandays | Wages | Material Supply | Total | Mandays | Wages | Material supply | Total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| H) | **Ten Year Operations** | | | | | | | | |
| 1 | Watch and Ward 12 months 1 watcher per 10.00 Ha. | 36.50 | 34404.90 | 0.00 | 34404.90 | 43.80 | 41285.88 | 0.00 | 41285.88 |
| 2 | Counting of survival percentage Grid wise and species wise and to Note the same on Register in May and October | 2.00 | 1885.20 | 25.00 | 1910.20 | 2.40 | 2262.24 | 30.00 | 2292.24 |
| 3 | Fire Tracing. | 2.00 | 1885.20 | 0.00 | 1885.20 | 2.40 | 2262.24 | 0.00 | 2262.24 |
| | TOTAL : | **40.50** | **38175.30** | **25.00** | **38200.30** | **48.60** | **45810.36** | **30.00** | **45840.36** |
| | **Equipment and contigency charges 3% :** | | | | **1146.01** | | | | **1375.21** |
| | **Labour Welfare charges 4% :** | | | | **1528.01** | | | | **1833.61** |
| | **Grand Total :** | | | | **40874.32** | | | | **49049.18** |

# ABSTRACT

| Sr. No. | Particular of Work | Mandays | Rate per mandays | Wages | Material Supply | Total | Area in Ha. | Total Mandays | Total Wages | Total M.S. | Grand Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 1 | P.P.O. + P.Y.O. | 167.97 | 399.73 | 67142.65 | 292632.23 | 359774.88 | 1.20 | 201.56 | 80571.18 | 351158.68 | 431729.86 |
| 2 | First Year Operation | 192.65 | 399.73 | 77007.98 | 61569.64 | 138577.62 | 1.20 | 231.18 | 92409.58 | 73883.57 | 166293.15 |
| 3 | Second Year Operation | 162.36 | 439.70 | 71389.69 | 37824.06 | 109213.75 | 1.20 | 194.83 | 85667.63 | 45388.87 | 131056.50 |
| 4 | Thirtd Year Operation | 101.65 | 483.70 | 49168.11 | 17616.02 | 66784.13 | 1.20 | 121.98 | 59001.73 | 21139.22 | 80140.95 |
| 5 | Forth Year Operation | 40.50 | 532.10 | 21550.05 | 25.00 | 21575.05 | 1.20 | 48.60 | 25860.06 | 30.00 | 25890.06 |
| 6 | Fifth Year Operation | 40.50 | 585.30 | 23704.65 | 25.00 | 23729.65 | 1.20 | 48.60 | 28445.58 | 30.00 | 28475.58 |
| 7 | Sixth Year Operation | 40.50 | 643.80 | 26073.90 | 25.00 | 26098.90 | 1.20 | 48.60 | 31288.68 | 30.00 | 31318.68 |
| 8 | Seventh Year Operation | 40.50 | 708.20 | 28682.10 | 25.00 | 28707.10 | 1.20 | 48.60 | 34418.52 | 30.00 | 34448.52 |
| 9 | Eighth Year Operation | 40.50 | 779.00 | 31549.50 | 25.00 | 31574.50 | 1.20 | 48.60 | 37859.40 | 30.00 | 37889.40 |
| 10 | Nineth Year Operation | 40.50 | 856.90 | 34704.45 | 25.00 | 34729.45 | 1.20 | 48.60 | 41645.34 | 30.00 | 41675.34 |
| 11 | Ten Year Operation | 40.50 | 942.60 | 38175.30 | 25.00 | 38200.30 | 1.20 | 48.60 | 45810.36 | 30.00 | 45840.36 |
| | TOTAL : | 908.13 | | 469148.38 | 409816.95 | 878965.33 | | 1089.75 | 562978.06 | 491780.34 | 1054758.40 |
| | | Equipment and contigency charges 3% : | | | | 26368.96 | | | | | 31642.75 |
| | | | Labour Welfare charges 4% : | | | 35158.61 | | | | | 42190.34 |
| | | | | | Grand Total : | 940492.90 | | | | | 1128591.49 |
| | | | | | | | | | | Say Rs. | 1128591 |

Rupees eleven lakhs twenty-eight thousand five hundred ninety-one and paise nil only

*Note :-*

1) Rate of chain linked fencing derivd from SSR 2021-2022 with additiona for area Difference and transportation lead.
2) Plantation M.D. And M.S. Component derived from rate structure as approved by PCCF (HOFF) M.S. Vide letter No.Desk-1/EGS/CR-10/2282/ 2017-18/Nagpur,Date 7.3.2018 with 10% excalation in M.D. Rate and M.S. Rate from Third Yr to Ten Year.

Range Forest Officer (T)
Yavatmal

सहाय्यक वनसंरक्षक (ज.का.स.कॅम्पा)
यवतमाळ वनविभाग यवतमाळ

Dy. Conservator of Forest
Yavatmal Division, Yavatmal

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