

ANALYSIS OF PER HA RATE FOR VARIOUS WORK ITEMS UNDER COMPENSATORY AFFORESTATION TO BE TAKEN UP UNDER FOREST (CONSERVATION) ACT, 1980

Rs 270/- per manday

(1100 plants per ha)

| S1. No | Item of work | Manday required (in No.) | Labour Component (in Rs) | Material Component (in Rs) | Cost/Ha (in Rs) |
|-----------|--|--------------------------------|--------------------------------|----------------------------------|--------------------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1 | Advance works including nursery | | | | |
| | (a) Survey and demarcation including mapping | 3 | 810 | | 810 |
| | (b) Area preparation by cutting grasses & shrubs | 20 | 5400 | | 5400 |
| | (c) Fire line cutting, burning and maintenance | 6 | 1620 | | 1620 |
| | (d) Clearance of site for nursery, preparation of nursery bed, filling of poly-bags, manuring, shed erection | 20 | 5400 | | 5400 |
| | (e) Cost of seeds, poly-bags, implements etc | 0 | | 1890 | 1890 |
| | (f) Treatment and sowing of seeds | 5 | 1350 | | 1350 |
| | (g) Weeding & watering | 11 | 2970 | | 2970 |
| | Sub Total | 65 | 17550 | 1890 | 19440 |
| 2 | Creation of plantation | | | | |
| | a) Site preparation, alignment, preparation of stakes, digging of pits, preparation of planting materials, carriage to planting site, planting/sowing, construction of camp shed, inspection path, signboard and other misc. works | 25 | 6750 | | 6750 |
| | (b) Weeding 3 times including vacancy filling and watch & ward | 67 | 18090 | | 18090 |
| | (c) Fire protection measures like fire line cutting, engagement of fire watchers | 3 | 810 | | 810 |
| | Sub Total | 95 | 25650 | | 25650 |
| 3 | Maintenance of Plantation | | | | |
| | (i) Maintenance after 1st year | | | | |
| | (a) Weeding 3 times + vacancy filling (10+9+5) | 24 | 6480 | | 6480 |
| | (b) Fire protection measures | 3 | 810 | | 810 |
| | Sub Total | 27 | 7290 | | 7290 |
| | (ii) Maintenance after 2 years | | | | |
| | (a) Weeding 2 times (10+5) | 15 | 4050 | | 4050 |
| | (b) Fire protection measures | 3 | 810 | | 810 |
| | Add 25% for anticipated revision of wage rate | | | | 1215 |
| | Sub Total | | | | 6075 |

| S1. No | Item of work | Manday required (in No.) | Labour Component (in Rs) | Material Component (in Rs) | Cost/Ha (in Rs) |
|-----------|--|--------------------------------|--------------------------------|----------------------------------|--------------------|
| | (iii) Maintenance after 3 years | | | | |
| | (a) Weeding 2 times (8+5) | 13 | 3510 | | 3510 |
| | (b) Fire protection measures | 3 | 810 | | 810 |
| | Add 25% for anticipated revision of wage rate | | | | 1080 |
| | Sub Total | | | | 5400 |
| | (iv) Maintenance after 4 years | | | | |
| | (a) Weeding 2 times (8+5) | 13 | 3510 | | 3510 |
| | (b) Fire protection measures | 3 | 810 | | 810 |
| | Add 50% for anticipated revision of wage rate | | | | 2160 |
| | Sub Total | | | | 6480 |
| | (v) Maintenance after 5 years | | | | |
| | (a) Weeding/tending | 12 | 3240 | | 3240 |
| | (b) Fire protection measures | 2 | 540 | | 540 |
| | Add 50% for anticipated revision of wage rate | | | | 1890 |
| | Sub Total | | | | 5670 |
| | (vi) Maintenance after 6 years | | | | |
| | (a) Weeding/tending | 12 | 3240 | | 3240 |
| | (b) Fire protection measures | 2 | 540 | | 540 |
| | Add 75% for anticipated revision of wage rate | | | | 2835 |
| | Sub Total | | | | 6615 |
| | (vii) Maintenance after 7 years | | | | |
| | (a) Weeding/tending | 10 | 2700 | | 2700 |
| | (b) Fire protection measures | 2 | 540 | | 540 |
| | Add 75% for anticipated revision of wage rate | | | | 2430 |
| | Sub Total | | | | 5670 |
| | (viii) Maintenance after 8 years | | | | |
| | (a) Weeding/tending | 10 | 2700 | | 2700 |
| | (b) Fire protection measures | 2 | 540 | | 540 |
| | Add 100% for anticipated revision of wage rate | | | | 3240 |
| | Sub Total | | | | 6480 |
| | Total of Plantation Cost | 289 | | 1890 | 94770 |
| 4 | Soil & Moisture Conservation measures including construction of check dams, gully plugging, contour trenching, water harvesting structures etc. whatever necessary within the project area (15% of | | | | 14120 |
| 5 | Fencing (5% of plantation cost) | | | | 4738 |
| 6 | Monitoring & Evaluation (2% of plantation | | | | 1895 |
| 7 | Overheads (10% of plantation cost) | | | | 9477 |
| | Grand Total : | | | | 125000 |