

Principal Chief Conservator of Forest (HoFF),  
M. S. Nagpur Letter No. Desk-17/CA/Nodal Cell  
/CR-40/1127/2019-20, Date 04/10/2019

**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.

Spacing - 3m x 3m

Size of Pits - 0.45 x 0.45 x 0.45m

No. of Seedlings - 1111 per ha

wage rate- 399.73 per day

Ca Area= 1.00 hector

Range- Indapur

Round- Junction

Beat- Kauthali

Village -Kauthali G.No.434

**Abstract for Model No.5**

| S. N. | Year of operation       | Total       |
|-------|-------------------------|-------------|
| 1     | Pre Monsoon works       | 278634.9316 |
| 2     | First Year Operations   | 148288.266  |
| 3     | Second Year Operations  | 109925.0834 |
| 4     | Third Year Operations   | 62844.7808  |
| 5     | Fourth Year Operations  | 17555.7575  |
| 6     | Fifth Year Operations   | 17555.7575  |
| 7     | Sixth Year Operations   | 17349.04955 |
| 8     | Seventh Year Operations | 17359.25735 |
| 9     | Eighth Year Operations  | 17349.04955 |
| 10    | Ninth Year Operations   | 17349.04955 |
| 11    | Tenth Year Operations   | 17349.04955 |
| Total |                         | 721560.0323 |

**Cost per plant Rs. 649.468976**



(Rahul Patil, IFS)  
Deputy Conservator of Forests,  
Pune Forest Division, Pune

**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.  
Spacing - 3m x 3m

Size of Pits - 0.45 x 0.45 x 0.45m  
No. of Seedlings - 1111 per ha  
Village - Kauthali G.No.434

Wage Rate:  
wage rate Rs.399.73 per day.

Range - Indapur  
Beat - Kauthali

Round - Junction

| Sr. No                       | Particulars of works                                                                                                                                                                                                                                                                                                                                                                                                   | Man days | Wages      | Material supply | Total     | (Rs. Per Ha.) | Sanction Letter Dt. / Model No. / Item No.                                                           | Amount in Rs For 1.00 ha |            |                 |                     |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------|-----------------|-----------|---------------|------------------------------------------------------------------------------------------------------|--------------------------|------------|-----------------|---------------------|
|                              |                                                                                                                                                                                                                                                                                                                                                                                                                        |          |            |                 |           |               |                                                                                                      | Man days                 | Wages      | Material supply | Total (Rs. Per Ha.) |
| A. Pre Monsoon Works PPO/PYO |                                                                                                                                                                                                                                                                                                                                                                                                                        |          |            |                 |           |               |                                                                                                      |                          |            |                 |                     |
| 1                            | (a) Survey and demarcation                                                                                                                                                                                                                                                                                                                                                                                             | 1        | 399.73     | 91              | 495.5     |               | Letter Dt. 07/03/2018 Irrigated & fencing Plantation Model no. 1 Item No. 1a                         | 1                        | 399.73     | 91              | 490.73              |
|                              | (b) Preparation of treatment map (100 m x 50 m grid)                                                                                                                                                                                                                                                                                                                                                                   | 1        | 399.73     | 91              | 495.5     |               | Item No. 1b                                                                                          | 1                        | 399.73     | 91              | 490.73              |
|                              | (c) Digging trial pits of size 0.30x0.30x0.60 in corner of Grid.                                                                                                                                                                                                                                                                                                                                                       | 0.4      | 159.892    | 0               | 161.8     |               | Item No. 1c                                                                                          | 0.4                      | 159.892    | 0               | 159.892             |
|                              | (d) Fixing 60cm x 0.05cm x12cm cement pillars upto 30cm deep in corner of Grid, painting with Grid No. etc complete (3 pillars, Rs.75/- for each pillars)                                                                                                                                                                                                                                                              | 0        | 0          | 225             | 225       |               | Item No. 1d                                                                                          | 0                        | 0          | 225             | 225                 |
|                              | (e) Clearing of bushes and preparation of site (As per requirement)                                                                                                                                                                                                                                                                                                                                                    | 10       | 3997.3     | 91              | 4136      |               | Item No. 1e                                                                                          | 10                       | 3997.3     | 91              | 4088.3              |
| 2                            | Soil and moisture conservation works including collection of rubbles from areas upto 30 m etc                                                                                                                                                                                                                                                                                                                          | 31       | 12391.63   | 0               | 12539.5   |               | Item No. 2                                                                                           | 31                       | 12391.63   | 0               | 12391.63            |
| 3                            | Providing and fixing chain link fencing, 102 Rmt per ha (With one gate + two wickets gates for one site) (Rs.1494/- per Rmt of basic rate + 20% for transportation of ave. loadplus 20% for tribal/remote area (by tender process.) (Rs.1494+149+149=1792/- per Rmt (1.60 Rmt height with G.I. Chain link size 50mmx50m, 8 gauge thick and fixed 75mm above ground level complete as per SSR item No.1744 for 2017-18) | 0        | 0          | 182865.6        | 182865.6  |               | As per SSR rates 201718 Item No. 1744                                                                | 0                        | 0          | 182865.6        | 182865.6            |
| 4                            | Alignment of pits at 3m x 3m spacment. 1111 pits per Ha (0.25 per 100 pits and M&S @ Rs.                                                                                                                                                                                                                                                                                                                               | 2.78     | 1111.2494  | 49.77           | 1174.28   |               | Item No. 4                                                                                           | 2.78                     | 1111.2494  | 49.77           | 1161.0194           |
| 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. Note :- As per local conditions provision for mechanized digging can be made.                                                                                                                                                                                                                                                   | 73.33    | 29312.2009 | 0               | 29661.99  |               | Item No. 5                                                                                           | 73.33                    | 29312.2009 | 0               | 29312.2009          |
| 6                            | Construction of 5.00 Rmt wide Inspection Path 1M.D. per 100 Rmt                                                                                                                                                                                                                                                                                                                                                        | 1        | 399.73     | 0               | 404.5     |               | Item No. 6                                                                                           | 1                        | 399.73     | 0               | 399.73              |
| 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     | 299.7975   | 25              | 328.37    |               | Item No. 7                                                                                           | 0.75                     | 299.7975   | 25              | 324.7975            |
| 8                            | Providing and fixing (4 feet x 3 feet) information board each per site                                                                                                                                                                                                                                                                                                                                                 | 0        | 0          | 5000            | 5000      |               | Item No. 8                                                                                           | 0                        | 0          | 5000            | 5000                |
| 9                            | Part Nursery cost of raising 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.3.62 per plant)                                                                                                                                                                                                                                              | 46.71    | 18671.3883 | 4825.46         | 23719.65  |               | Item No. 9 20% Casualty replacement in place of 10%                                                  | 46.71                    | 18671.3883 | 4825.46         | 23496.8483          |
|                              | Total                                                                                                                                                                                                                                                                                                                                                                                                                  | 167.97   | 67142.648  | 193263.83       | 261207.69 |               |                                                                                                      | 167.97                   | 67142.6481 | 193263.83       | 260406.4781         |
|                              | Contingency 3%                                                                                                                                                                                                                                                                                                                                                                                                         |          | 0          |                 | 7836.23   |               |                                                                                                      | 0                        | 0          |                 | 7812.194343         |
|                              | Labour Welfare 4%                                                                                                                                                                                                                                                                                                                                                                                                      |          | 0          |                 | 10448.3   |               |                                                                                                      | 0                        | 0          |                 | 10416.25912         |
|                              | Grand Total                                                                                                                                                                                                                                                                                                                                                                                                            | 167.97   | 67142.648  | 193263.83       | 279492.22 |               |                                                                                                      | 167.97                   | 67142.6481 | 193263.83       | 278634.9316         |
| B. First Year Operations     |                                                                                                                                                                                                                                                                                                                                                                                                                        |          |            |                 |           |               |                                                                                                      |                          |            |                 |                     |
| 1                            | Part Nursery cost for maintenance of 1333 seedling per ha Rs. 3.77 per seedling (Wages Rs.2.69, M & S Rs. 0.81)                                                                                                                                                                                                                                                                                                        | 14.8     | 5916.004   | 1079.73         | 7066.33   |               | Letter Dt. 07/03/2018 Irrigated & fencing Plantation Model no. 1 Item No. 1 casualty replacement 20% | 14.8                     | 5916.004   | 1079.73         | 6995.734            |
| 2                            | Refilling of pits by good quality soil including application of single super phosphate (1.66 MD per 100 pits)                                                                                                                                                                                                                                                                                                          | 18.44    | 7371.0212  | 1944.25         | 9403.23   |               | Item No. 2                                                                                           | 18.44                    | 7371.0212  | 1944.25         | 9315.2712           |
| 3                            | Transportation of 1333 seedlings from Nursery to plantation site including loading & unloading (0.14 M.D. per 100 seedlings & M.S. Rs.1.82 Per seedlings)                                                                                                                                                                                                                                                              | 1.87     | 747.4951   | 2426            | 3182.41   |               | Item No. 3 10% Extra Plants to be transported                                                        | 1.87                     | 747.4951   | 2426            | 3173.4951           |
| 4                            | Planting of 1111 seedlings (1.0 M.D. per 100 seedlings)                                                                                                                                                                                                                                                                                                                                                                | 11.11    | 4441.0003  | 0               | 4493.99   |               | Item No. 4                                                                                           | 11.11                    | 4441.0003  | 0               | 4441.0003           |
| 5                            | 3 seedlings (1 Rmt circular) and 2 soil workings (4.00 M.D. per 100 seedlings) fertilizer application Rs.0.82 per seedling                                                                                                                                                                                                                                                                                             | 44.44    | 17764.0012 | 911.02          | 18887     |               | Item No. 5                                                                                           | 44.44                    | 17764.0012 | 911.02          | 18675.0212          |
| 6                            | Watering 1111 seedlings November and December 1 time each, January to March 2 times each per seedlings 5 litre water, purchase of 1111 plastic can of 5 litre / matka @Rs.25/- each and 100 litre capacity 11 drums @Rs.400/- each for supplying water and water supply at @Rs.0.05 per litre and wages for watering 1 M.D. for 150 seedlings.                                                                         | 59.25    | 23684.0025 | 54395           | 78361.62  |               | Item No. 7                                                                                           | 59.25                    | 23684.0025 | 54395           | 78079.0025          |
| 7                            | Casualty replacement (20% 222 Seedlings per ha) (2 M.D. per 100 seedlings)                                                                                                                                                                                                                                                                                                                                             | 4.44     | 1774.8012  | 0               | 1795.98   |               | Item No. 6 20% instead of 10%                                                                        | 4.44                     | 1774.8012  | 0               | 1774.8012           |
| 8                            | Part Nursery cost for casualty replacement in SYO (222 seedlings per ha) (wages Rs. 11.90 and material supply Rs.3.62 total Rs.12.55 per seedling)                                                                                                                                                                                                                                                                     | 7.77     | 3105.9021  | 803.64          | 3946.6    |               | Item No. 8 20% instead of 10%                                                                        | 7.77                     | 3105.9021  | 803.64          | 3909.5421           |
| 9                            | Watch and ward (10 months - 1 watcher per 10 ha)                                                                                                                                                                                                                                                                                                                                                                       | 27.38    | 10944.6074 | 0               | 11075.21  |               | Item No. 9                                                                                           | 27.38                    | 10944.6074 | 0               | 10944.6074          |
| 10                           | Soil working for naturally grower plants and singling (1.15 M.D. per 100 plants)                                                                                                                                                                                                                                                                                                                                       | 1.15     | 459.6895   | 10              | 475.17    |               | Item No. 10                                                                                          | 1.15                     | 459.6895   | 10              | 469.6895            |
| 11                           | Fire tracing                                                                                                                                                                                                                                                                                                                                                                                                           | 2        | 809        | 0               | 809       |               | Item No. 12                                                                                          | 2                        | 809        | 0               | 809                 |



|                            |                                                                                                                                                                                                                                                                                                            |        |            |          |           |                                                                                                                   |        |            |          |             |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------|----------|-----------|-------------------------------------------------------------------------------------------------------------------|--------|------------|----------|-------------|
| Total                      |                                                                                                                                                                                                                                                                                                            | 192.65 | 77017.5245 | 61569.64 | 139496.54 |                                                                                                                   | 192.65 | 77017.5245 | 61569.64 | 138587.1645 |
| Contingency 3%             |                                                                                                                                                                                                                                                                                                            |        | 0          |          | 4184.9    |                                                                                                                   |        |            |          | 4157.614935 |
| Labour Welfare 4%          |                                                                                                                                                                                                                                                                                                            |        | 0          |          | 5579.86   |                                                                                                                   |        |            |          | 5543.48658  |
| Grand Total                |                                                                                                                                                                                                                                                                                                            | 192.65 | 77017.5245 | 61569.64 | 149261.3  |                                                                                                                   | 192.65 | 77017.5245 | 61569.64 | 148288.266  |
| C. Second Year Operations  |                                                                                                                                                                                                                                                                                                            |        |            |          |           |                                                                                                                   |        |            |          |             |
| 1                          | Part nursery cost for seedlings for causality replacement (222 seedlings per ha) labour rate @ Rs.3.77 and M.S. Rs.1.82 per seedlings                                                                                                                                                                      | 2.46   | 983.3358   | 404      | 1399.07   | Letter Dt. 07/03/2018<br>Irrigated & fencing<br>Plantation Model no. 1 Item<br>No. 1 causality replacement<br>20% | 2.46   | 983.3358   | 404      | 1387.3358   |
| 2                          | Transportation of 222 seedlings for causality replacement from nursery to plantation site (including loading and unloading) wages 0.14 M.D. Per 100 Seedling & M.S. Rs.1.82 per seedlings                                                                                                                  | 0.31   | 123.9163   | 404.04   | 529.43    | Item No. 2<br>20% instead of 10%                                                                                  | 0.31   | 123.9163   | 404      | 527.9163    |
| 3                          | Planting for causality replacement 222 seedlings (2.00 M.D. per 100 seedlings)                                                                                                                                                                                                                             | 4.44   | 1774.8012  | 0        | 1795.98   | Item No. 3<br>20% instead of 10%                                                                                  | 4.44   | 1774.8012  | 0        | 1774.8012   |
| 4                          | 2 seedlings and 1 soil working, with fertilizer application 2.5 M.D. per 100 seedlings at M.S. Rs. 0.82 per seedling                                                                                                                                                                                       | 27.77  | 11100.5021 | 911.02   | 12143.98  | Item No. 4                                                                                                        | 27.77  | 11100.5021 | 911.02   | 12011.5221  |
| 5                          | Watering 1111 seedlings in November, December, January and June 1 time each and in 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  | 35528.0024 | 36105    | 72056.96  | Item No. 5                                                                                                        | 88.88  | 35528.0024 | 36105    | 71633.0024  |
| 6                          | Watch and ward 12 months -1 watcher per 10.00 ha                                                                                                                                                                                                                                                           | 36.5   | 14590.145  | 0        | 14764.25  | Item No. 6                                                                                                        | 36.5   | 14590.145  | 0        | 14590.145   |
| 7                          | Fire tracing                                                                                                                                                                                                                                                                                               | 2      | 809        | 0        | 809       | Item No. 8                                                                                                        | 2      | 809        | 0        | 809         |
| Total                      |                                                                                                                                                                                                                                                                                                            | 162.36 | 64909.7028 | 37824.06 | 103498.67 |                                                                                                                   | 162.36 | 64909.7028 | 37824.02 | 102733.7228 |
| Contingency 3%             |                                                                                                                                                                                                                                                                                                            |        | 0          |          | 3104.96   |                                                                                                                   |        |            |          | 3082.01684  |
| Labour Welfare 4%          |                                                                                                                                                                                                                                                                                                            |        | 0          |          | 4139.94   |                                                                                                                   |        |            |          | 4109.348912 |
| Grand Total                |                                                                                                                                                                                                                                                                                                            | 162.36 | 64909.7028 | 37824.06 | 110743.57 |                                                                                                                   | 162.36 | 64909.7028 | 37824.02 | 109925.0834 |
| D. Third Year Operations   |                                                                                                                                                                                                                                                                                                            |        |            |          |           |                                                                                                                   |        |            |          |             |
| 1                          | 1 weeding and 1 soil working (1.50 M.D. per 100 seedlings) applying fertilizer @ Rs.0.82 per plant.                                                                                                                                                                                                        | 16.67  | 6743.01    | 911.02   | 7654.03   | Letter Dt. 07/03/2018<br>Irrigated & fencing<br>Plantation Model no. 1 Item<br>No. 1                              | 16.67  | 6743.01    | 911.02   | 7654.03     |
| 2                          | Watering 556 seedlings in November, December, January and June 1 time each and February to May 2 times each total 12 times per seedlings 5 litre, water supply @Rs.0.50/- litre and watering 150 seedlings per M.D.                                                                                        | 44.48  | 17992.16   | 16680    | 34672.16  | Item No. 2                                                                                                        | 44.48  | 17992.16   | 16680    | 34672.16    |
| 3                          | Watch and ward 12 months 1 watcher per 10.00 ha                                                                                                                                                                                                                                                            | 36.5   | 14764.25   | 0        | 14764.25  | Item No. 3                                                                                                        | 36.5   | 14764.25   | 0        | 14764.25    |
| 4                          | Counting of survival percentage Grid wise and Species wise and to Note the same on Register in May and October.                                                                                                                                                                                            | 2      | 809        | 25       | 834       | Item No. 5                                                                                                        | 2      | 809        | 25       | 834         |
| 5                          | Fire tracing                                                                                                                                                                                                                                                                                               | 2      | 809        | 0        | 809       | Item No. 6                                                                                                        | 2      | 809        | 0        | 809         |
| Total                      |                                                                                                                                                                                                                                                                                                            | 101.65 | 41117.42   | 17616.02 | 58733.44  |                                                                                                                   | 101.65 | 41117.42   | 17616.02 | 58733.44    |
| Contingency 3%             |                                                                                                                                                                                                                                                                                                            |        | 0          |          | 1762      |                                                                                                                   |        |            |          | 1762.0032   |
| Labour Welfare 4%          |                                                                                                                                                                                                                                                                                                            |        | 0          |          | 2349.33   |                                                                                                                   |        |            |          | 2349.3376   |
| Grand Total                |                                                                                                                                                                                                                                                                                                            | 101.65 | 41117.42   | 17616.02 | 62844.77  |                                                                                                                   | 101.65 | 41117.42   | 17616.02 | 62844.7808  |
| E. Fourth Year Operations  |                                                                                                                                                                                                                                                                                                            |        |            |          |           |                                                                                                                   |        |            |          |             |
| 1                          | Watch and ward 12 months 1 watcher per 10.00 ha                                                                                                                                                                                                                                                            | 36.5   | 14764.25   | 0        | 14764.25  | Letter Dt. 07/03/2018<br>Irrigated & fencing<br>Plantation Model no. 1 Item<br>No. 1                              | 36.5   | 14764.25   | 0        | 14764.25    |
| 2                          | Counting of survival percentage Grid wise and Species wise and to Note the same on Register in May and October.                                                                                                                                                                                            | 2      | 809        | 25       | 834       | Item No. 2                                                                                                        | 2      | 809        | 25       | 834         |
| 3                          | Fire tracing                                                                                                                                                                                                                                                                                               | 2      | 809        | 0        | 809       | Item No. 3                                                                                                        | 2      | 809        | 0        | 809         |
| Total                      |                                                                                                                                                                                                                                                                                                            | 40.5   | 16382.25   | 25       | 16407.25  |                                                                                                                   | 40.5   | 16382.25   | 25       | 16407.25    |
| Contingency 3%             |                                                                                                                                                                                                                                                                                                            |        | 0          |          | 492.21    |                                                                                                                   |        |            |          | 492.2175    |
| Labour Welfare 4%          |                                                                                                                                                                                                                                                                                                            |        | 0          |          | 656.29    |                                                                                                                   |        |            |          | 656.29      |
| Grand Total                |                                                                                                                                                                                                                                                                                                            | 40.5   | 16382.25   | 25       | 17555.75  |                                                                                                                   | 40.5   | 16382.25   | 25       | 17555.7575  |
| F. Fifth Year Operations   |                                                                                                                                                                                                                                                                                                            |        |            |          |           |                                                                                                                   |        |            |          |             |
| 1                          | Watch and ward 12 months 1 watcher per 10.00 ha                                                                                                                                                                                                                                                            | 36.5   | 14764.25   | 0        | 14764.25  | Letter Dt. 07/03/2018<br>Irrigated & fencing<br>Plantation Model no. 1 Item<br>No. 1                              | 36.5   | 14764.25   | 0        | 14764.25    |
| 2                          | Counting of survival percentage Grid wise and Species wise and to Note the same on Register in May and October.                                                                                                                                                                                            | 2      | 809        | 25       | 834       | Item No. 2                                                                                                        | 2      | 809        | 25       | 834         |
| 3                          | Fire tracing                                                                                                                                                                                                                                                                                               | 2      | 809        | 0        | 809       | Item No. 3                                                                                                        | 2      | 809        | 0        | 809         |
| Total                      |                                                                                                                                                                                                                                                                                                            | 40.5   | 16382.25   | 25       | 16407.25  |                                                                                                                   | 40.5   | 16382.25   | 25       | 16407.25    |
| Contingency 3%             |                                                                                                                                                                                                                                                                                                            |        | 0          |          | 492.21    |                                                                                                                   |        |            |          | 492.2175    |
| Labour Welfare 4%          |                                                                                                                                                                                                                                                                                                            |        | 0          |          | 656.29    |                                                                                                                   |        |            |          | 656.29      |
| Grand Total                |                                                                                                                                                                                                                                                                                                            | 40.5   | 16382.25   | 25       | 17555.75  |                                                                                                                   | 40.5   | 16382.25   | 25       | 17555.7575  |
| G. Sixth Year Operations   |                                                                                                                                                                                                                                                                                                            |        |            |          |           |                                                                                                                   |        |            |          |             |
| 1                          | Watch and ward 12 months 1 watcher per 10.00 ha                                                                                                                                                                                                                                                            | 36.5   | 14590.145  | 0        | 14764.25  | Letter Dt. 07/03/2018<br>Irrigated & fencing<br>Plantation Model no. 1 Item<br>No. 1                              | 36.5   | 14590.145  | 0        | 14590.145   |
| 2                          | Counting of survival percentage Grid wise and Species wise and to Note the same on Register in May and October.                                                                                                                                                                                            | 2      | 799.46     | 25       | 834       | Item No. 2                                                                                                        | 2      | 799.46     | 25       | 824.46      |
| 3                          | Fire tracing                                                                                                                                                                                                                                                                                               | 2      | 799.46     | 0        | 809       | Item No. 3                                                                                                        | 2      | 799.46     | 0        | 799.46      |
| Total                      |                                                                                                                                                                                                                                                                                                            | 40.5   | 16189.065  | 25       | 16407.25  |                                                                                                                   | 40.5   | 16189.065  | 25       | 16214.065   |
| Contingency 3%             |                                                                                                                                                                                                                                                                                                            |        | 0          |          | 492.21    |                                                                                                                   |        |            |          | 486.42195   |
| Labour Welfare 4%          |                                                                                                                                                                                                                                                                                                            |        | 0          |          | 656.29    |                                                                                                                   |        |            |          | 648.5626    |
| Grand Total                |                                                                                                                                                                                                                                                                                                            | 40.5   | 16189.065  | 25       | 17555.75  |                                                                                                                   | 40.5   | 16189.065  | 25       | 17349.04955 |
| H. Seventh Year Operations |                                                                                                                                                                                                                                                                                                            |        |            |          |           |                                                                                                                   |        |            |          |             |
| 1                          | Watch and ward 12 months 1 watcher per 10.00 ha                                                                                                                                                                                                                                                            | 36.5   | 14590.145  | 0        | 14764.25  | Letter Dt. 07/03/2018<br>Irrigated & fencing<br>Plantation Model no. 1 Item<br>No. 1                              | 36.5   | 14590.145  | 0        | 14590.145   |
| 2                          | Counting of survival percentage Grid wise and Species wise and to Note the same on Register in May and October.                                                                                                                                                                                            | 2      | 799.46     | 25       | 834       | Item No. 2                                                                                                        | 2      | 799.46     | 25       | 824.46      |

|                                  |                                                                                                                 |      |           |    |          |                                                                             |      |           |    |             |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------|------|-----------|----|----------|-----------------------------------------------------------------------------|------|-----------|----|-------------|
| 3                                | Fire tracing                                                                                                    | 2    | 809       | 0  | 809      | Item No. 3                                                                  | 2    | 809       | 0  | 809         |
|                                  | Total                                                                                                           | 40.5 | 16198.605 | 25 | 16407.25 |                                                                             | 40.5 | 16198.605 | 25 | 16223.605   |
|                                  | Contingency 3%                                                                                                  |      | 0         |    | 492.21   |                                                                             |      |           |    | 486.70815   |
|                                  | Labour Welfare 4%                                                                                               |      | 0         |    | 656.29   |                                                                             |      |           |    | 648.9442    |
|                                  | Grand Total                                                                                                     | 40.5 | 16198.605 | 25 | 17555.75 |                                                                             | 40.5 | 16198.605 | 25 | 17359.25735 |
| <b>I. Eighth Year Operations</b> |                                                                                                                 |      |           |    |          |                                                                             |      |           |    |             |
| 1                                | Watch and ward 12 months 1 watcher per 10.00 ha                                                                 | 36.5 | 14590.145 | 0  | 14764.25 | Letter Dt. 07/03/2018 Irrigated & fencing Plantation Model no. 1 Item No. 1 | 36.5 | 14590.145 | 0  | 14590.145   |
| 2                                | Counting of survival percentage Grid wise and Species wise and to Note the same on Register in May and October. | 2    | 799.46    | 25 | 834      | Item No. 2                                                                  | 2    | 799.46    | 25 | 824.46      |
| 3                                | Fire tracing                                                                                                    | 2    | 799.46    | 0  | 809      | Item No. 3                                                                  | 2    | 799.46    | 0  | 799.46      |
|                                  | Total                                                                                                           | 40.5 | 16189.065 | 25 | 16407.25 |                                                                             | 40.5 | 16189.065 | 25 | 16214.065   |
|                                  | Contingency 3%                                                                                                  |      | 0         |    | 492.21   |                                                                             |      |           |    | 486.42195   |
|                                  | Labour Welfare 4%                                                                                               |      | 0         |    | 656.29   |                                                                             |      |           |    | 648.5626    |
|                                  | Grand Total                                                                                                     | 40.5 | 16189.065 | 25 | 17555.75 |                                                                             | 40.5 | 16189.065 | 25 | 17349.04955 |
| <b>J. Ninth Year Operations</b>  |                                                                                                                 |      |           |    |          |                                                                             |      |           |    |             |
| 1                                | Watch and ward 12 months 1 watcher per 10.00 ha                                                                 | 36.5 | 14590.145 | 0  | 14764.25 | Letter Dt. 07/03/2018 Irrigated & fencing Plantation Model no. 1 Item No. 1 | 36.5 | 14590.145 | 0  | 14590.145   |
| 2                                | Counting of survival percentage Grid wise and Species wise and to Note the same on Register in May and October. | 2    | 799.46    | 25 | 834      | Item No. 2                                                                  | 2    | 799.46    | 25 | 824.46      |
| 3                                | Fire tracing                                                                                                    | 2    | 799.46    | 0  | 809      | Item No. 3                                                                  | 2    | 799.46    | 0  | 799.46      |
|                                  | Total                                                                                                           | 40.5 | 16189.065 | 25 | 16407.25 |                                                                             | 40.5 | 16189.065 | 25 | 16214.065   |
|                                  | Contingency 3%                                                                                                  |      | 0         |    | 492.21   |                                                                             |      |           |    | 486.42195   |
|                                  | Labour Welfare 4%                                                                                               |      | 0         |    | 656.29   |                                                                             |      |           |    | 648.5626    |
|                                  | Grand Total                                                                                                     | 40.5 | 16189.065 | 25 | 17555.75 |                                                                             | 40.5 | 16189.065 | 25 | 17349.04955 |
| <b>K. Tenth Year Operations</b>  |                                                                                                                 |      |           |    |          |                                                                             |      |           |    |             |
| 1                                | Watch and ward 12 months 1 watcher per 10.00 ha                                                                 | 36.5 | 14590.145 | 0  | 14764.25 | Letter Dt. 07/03/2018 Irrigated & fencing Plantation Model no. 1 Item No. 1 | 36.5 | 14590.145 | 0  | 14590.145   |
| 2                                | Counting of survival percentage Grid wise and Species wise and to Note the same on Register in May and October. | 2    | 799.46    | 25 | 834      | Item No. 2                                                                  | 2    | 799.46    | 25 | 824.46      |
| 3                                | Fire tracing                                                                                                    | 2    | 799.46    | 0  | 809      | Item No. 3                                                                  | 2    | 799.46    | 0  | 799.46      |
|                                  | Total                                                                                                           | 40.5 | 16189.065 | 25 | 16407.25 |                                                                             | 40.5 | 16189.065 | 25 | 16214.065   |
|                                  | Contingency 3%                                                                                                  |      | 0         |    | 492.21   |                                                                             |      |           |    | 486.42195   |
|                                  | Labour Welfare 4%                                                                                               |      | 0         |    | 656.29   |                                                                             |      |           |    | 648.5626    |
|                                  | Grand Total                                                                                                     | 40.5 | 16189.065 | 25 | 17555.75 |                                                                             | 40.5 | 16189.065 | 25 | 17349.04955 |

1. Rates of chain linked fencing derived from SSR-2017-18 with addition 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. M. S. Nagpur Letter No. Desk-17/CA/Nodal Cell /CR-40/1127/2019-20, Date 04/10/2019



(Rahul Patil, IFS)  
Deputy Conservator of Forests,  
Pune Forest Division, Pune