

**[PROPOSAL NO. : FP/MH/Approach/41690/2019]** Proposal for diversion of 0.02.7 ha. of Protected Forest land for construction of Approach Road at Village Vasind, Taluka Shahapur in favour of Shri K. G. Jadhav in Thane District

### **Compensatory Afforestation Scheme**

(As per Model Rate Structure for Compensatory Afforestation Model No. 5)

#### **Fencing and Irrigated Plantation**

**Model rate structure for plantation of tree species in degraded areas having medium quality, medium drained soil.**

Name of Division :- Shahapur

Name of Beat :- Birwadi

Protected Forest Survey No. 36 (Old S.No. 684)

Spacement of pits - 3.00 m x 3.00 m

Name of Range :- Shahapur

Name of Taluka :- Shahapur

Area :- 1.00 Ha.

Size of pits - 0.45 x 0.45 x 0.45 m

Name of Round :- Birwadi

Name of Village :-Kukambe (Old Village Birwadi)

Daily Wage Rate:- Rs. 375.57

No.of Seedlings per ha - 1111 per ha.

| Sr. No.                             | Particulars of works                                                                                                                                                                                                                                                                                                                                                                                                               | Mandays | Rate per Hectare |           |           | Mandays | Rate for 1.00 Hectare |           |           |
|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------------------|-----------|-----------|---------|-----------------------|-----------|-----------|
|                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                    |         | Wages Rs.        | M&S Rs.   | Total Rs. |         | Wages Rs.             | M&S Rs.   | Total Rs. |
| A. Pre Monsoon Works P.P.O./ P.Y.O. |                                                                                                                                                                                                                                                                                                                                                                                                                                    |         |                  |           |           |         |                       |           |           |
| 1                                   | a.Survey & Demarcation                                                                                                                                                                                                                                                                                                                                                                                                             | 1.00    | 375.57           | 91.00     | 466.57    | 1.00    | 375.57                | 91.00     | 466.57    |
|                                     | b.Preparation of treatment map (100m x 50m grid)                                                                                                                                                                                                                                                                                                                                                                                   | 1.00    | 375.57           | 91.00     | 466.57    | 1.00    | 375.57                | 91.00     | 466.57    |
|                                     | c. Digging trial pits of size 0.30 x 0.30 x 0.60 in corner of Grid                                                                                                                                                                                                                                                                                                                                                                 | 0.40    | 150.23           | 0.00      | 150.23    | 0.40    | 150.23                | 0.00      | 150.23    |
|                                     | d. Fixing 60cm x 0.05 cm x 12cm cement pillars upto 30cm deep in corner of Grid, painting with Grid No. etc complete (3 pillars, Rs. 75/- for each pillar)                                                                                                                                                                                                                                                                         | 0.00    | 0.00             | 225.00    | 225.00    | 0.00    | 0.00                  | 225.00    | 225.00    |
|                                     | e. cleaning of bushes & preparation of site ( as per requirement)                                                                                                                                                                                                                                                                                                                                                                  | 10.00   | 3755.70          | 91.00     | 3846.70   | 10.00   | 3755.70               | 91.00     | 3846.70   |
| 2                                   | Soil & Moisture Conservation work including collection of Rubbles from areas up to 30 m.etc.                                                                                                                                                                                                                                                                                                                                       | 31.00   | 11642.67         | 0.00      | 11642.67  | 31.00   | 11642.67              | 0.00      | 11642.67  |
| 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. leadplus 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 50mm x 50m, 8 gauge thick and fixed 75mm above ground level complete as per SSR item No. 1744 for 2017-18) | 0.00    | 0.00             | 182865.00 | 182865.00 | 0.00    | 0.00                  | 182865.00 | 182865.00 |



| Sr. No.                         | Particulars of works                                                                                                                                                        | Mandays       | Rate per Hectare |                  |                  | Mandays       | Rate for 1.00 Hectare |                  |                  |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------|------------------|------------------|---------------|-----------------------|------------------|------------------|
|                                 |                                                                                                                                                                             |               | Wages Rs.        | M&S Rs.          | Total Rs.        |               | Wages Rs.             | M&S Rs.          | Total Rs.        |
| 4                               | Alignment of pits at spacement of 3m x 3m spacement 1111 pits per Ha (0.25 Per 100 pits & M&S @ Rs.2.24 per 50 pits.)                                                       | 2.78          | 1044.08          | 49.77            | 1093.85          | 2.78          | 1044.08               | 49.77            | 1093.85          |
| 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><b>Note:-</b> As per local conditions provision for mechanized digging can be made | 73.33         | 27540.55         | 0.00             | 27540.55         | 73.33         | 27540.55              | 0.00             | 27540.55         |
| 6                               | Construction of 5.00 Rmt wide Inspection Path 1 M.D. per 100 Rmt                                                                                                            | 1.00          | 375.57           | 0.00             | 375.57           | 1.00          | 375.57                | 0.00             | 375.57           |
| 7                               | Enumeration of all valuable plant species at plantation site and grid wise counting the same in Register (0.75 M.D.) per 100 plants                                         | 0.75          | 281.68           | 25.00            | 306.68           | 0.75          | 281.68                | 25.00            | 306.68           |
| 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                  | 5000.00          | 5000.00          |
| 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         | 17542.87         | 4825.46          | 22368.33         | 46.71         | 17542.87              | 4825.46          | 22368.33         |
| <b>Total</b>                    |                                                                                                                                                                             | <b>167.97</b> | <b>63084.49</b>  | <b>193263.23</b> | <b>256347.72</b> | <b>167.97</b> | <b>63084.49</b>       | <b>193263.23</b> | <b>256347.72</b> |
| Contengency 3%                  |                                                                                                                                                                             | 0.00          | 0.00             | 7690.43          | 7690.43          | 0.00          | 0.00                  | 7690.43          | 7690.43          |
| Labour welfare 4%               |                                                                                                                                                                             | 0.00          | 0.00             | 10253.91         | 10253.91         | 0.00          | 0.00                  | 10253.91         | 10253.91         |
| <b>Grand Total</b>              |                                                                                                                                                                             | <b>167.97</b> | <b>63084.49</b>  | <b>211207.57</b> | <b>274292.06</b> | <b>167.97</b> | <b>63084.49</b>       | <b>211207.57</b> | <b>274292.06</b> |
| <b>B. First Year Operations</b> |                                                                                                                                                                             |               |                  |                  |                  |               |                       |                  |                  |
| 1                               | Part Nursery cost of maintenance of 1333 seedlings per ha. 3.77 per seedling (Wages Rs. 2.69, M&S Rs. 0.81)                                                                 | 14.80         | 5558.44          | 1079.73          | 6638.17          | 14.80         | 5558.44               | 1079.73          | 6638.17          |
| 2                               | Refilling of pits by good quality soil including application of single super phosphate (1.66 MD per 100 pits) @ 1.75                                                        | 18.44         | 6925.51          | 1944.25          | 8869.76          | 18.44         | 6925.51               | 1944.25          | 8869.76          |
| 3                               | Transport of 1333 seedlings from Nursery to plantation site including loading & unloading (0.14 MD per 100 seedlings & M&S Rs. 1.82 per seedlings)                          | 1.87          | 702.32           | 2426.00          | 3128.32          | 1.87          | 702.32                | 2426.00          | 3128.32          |
| 4                               | Planting of 1111 seedlings (1.0 MD per 100 seedlings)                                                                                                                       | 11.11         | 4172.58          | 0.00             | 4172.58          | 11.11         | 4172.58               | 0.00             | 4172.58          |
| 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         | 16690.33         | 911.02           | 17601.35         | 44.44         | 16690.33              | 911.02           | 17601.35         |



| Sr. No.                          | Particulars of works                                                                                                                                                                                                                                                                                                                              | Mandays       | Rate per Hectare |                 |                  | Mandays       | Rate for 1.00 Hectare |                 |                  |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------|-----------------|------------------|---------------|-----------------------|-----------------|------------------|
|                                  |                                                                                                                                                                                                                                                                                                                                                   |               | Wages Rs.        | M&S Rs.         | Total Rs.        |               | Wages Rs.             | M&S Rs.         | Total Rs.        |
| 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         | 22252.52         | 54395.00        | 76647.52         | 59.25         | 22252.52              | 54395.00        | 76647.52         |
| 7                                | Casualty replacement (20% 222 Seedlings per ha.) (2 M.D. per 100 seedlings)                                                                                                                                                                                                                                                                       | 4.44          | 1667.53          | 0.00            | 1667.53          | 4.44          | 1667.53               | 0.00            | 1667.53          |
| 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          | 2918.18          | 803.64          | 3721.82          | 7.77          | 2918.18               | 803.64          | 3721.82          |
| 9                                | Watch and ward (10 months -1 watcher per 10 ha.)                                                                                                                                                                                                                                                                                                  | 27.38         | 10283.11         | 0.00            | 10283.11         | 27.38         | 10283.11              | 0.00            | 10283.11         |
| 10                               | Soil working for naturally grower plants and singling (1.15 M.D. per 100 plant)                                                                                                                                                                                                                                                                   | 1.15          | 431.91           | 10.00           | 441.91           | 1.15          | 431.91                | 10.00           | 441.91           |
| 10                               | Fire tracing                                                                                                                                                                                                                                                                                                                                      | 2.00          | 751.14           | 0.00            | 751.14           | 2.00          | 751.14                | 0.00            | 751.14           |
| <b>Total</b>                     |                                                                                                                                                                                                                                                                                                                                                   | <b>192.65</b> | <b>72353.56</b>  | <b>61569.64</b> | <b>133923.20</b> | <b>192.65</b> | <b>72353.56</b>       | <b>61569.64</b> | <b>133923.20</b> |
| Contengency 3%                   |                                                                                                                                                                                                                                                                                                                                                   | 0.00          | 0.00             | 4017.70         | 4017.70          | 0.00          | 0.00                  | 4017.70         | 4017.70          |
| Labour welfare 4%                |                                                                                                                                                                                                                                                                                                                                                   | 0.00          | 0.00             | 5356.93         | 5356.93          | 0.00          | 0.00                  | 5356.93         | 5356.93          |
| <b>Grand Total</b>               |                                                                                                                                                                                                                                                                                                                                                   | <b>192.65</b> | <b>72353.56</b>  | <b>70944.26</b> | <b>143297.82</b> | <b>192.65</b> | <b>72353.56</b>       | <b>70944.26</b> | <b>143297.82</b> |
| <b>C. Second Year Operations</b> |                                                                                                                                                                                                                                                                                                                                                   |               |                  |                 |                  |               |                       |                 |                  |
| 1                                | Part Nursery cost for seedlings for casualty replacement (222 seedlings per ha) labour rate @ Rs. 3.77 and M.S. Rs. 1.82 per seedlings.                                                                                                                                                                                                           | 2.46          | 923.90           | 404.00          | 1327.90          | 2.46          | 923.90                | 404.00          | 1327.90          |
| 2                                | Transportation of 222 seedlings for casualty replacement from nursery to plantation site (including loading and unloading) wages 0.14 M.D. per 100 seedlings & M.S. Rs. 1.82 per seedling                                                                                                                                                         | 0.31          | 116.43           | 404.04          | 520.47           | 0.31          | 116.43                | 404.04          | 520.47           |
| 3                                | Planting for casualty replacement 222 seedlings (2.00 M.D. per 100 seedlings)                                                                                                                                                                                                                                                                     | 4.44          | 1667.53          | 0.00            | 1667.53          | 4.44          | 1667.53               | 0.00            | 1667.53          |
| 4                                | 2 Weedings and 1 soil working with fertilizer application at 2.5 M.D. per 100 seedlings M.S. Rs. 0.82 per seedling                                                                                                                                                                                                                                | 27.77         | 10429.58         | 911.02          | 11340.60         | 27.77         | 10429.58              | 911.02          | 11340.60         |



| Sr. No.                         | Particulars of works                                                                                                                                                                                                                                                                             | Mandays       | Rate per Hectare |                 |                  | Mandays       | Rate for 1.00 Hectare |                 |                  |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------|-----------------|------------------|---------------|-----------------------|-----------------|------------------|
|                                 |                                                                                                                                                                                                                                                                                                  |               | Wages Rs.        | M&S Rs.         | Total Rs.        |               | Wages Rs.             | M&S Rs.         | Total Rs.        |
| 5                               | Watering 1111 seedlings November, December, January and June 1 time each and in February to May 2 times each total 12 times 5 litre per seedling, replacing 10% plastic can/ matka @ Rs. 25/- each replacing 111 cans, supplying water @Rs. 0.50/- per litre and watering 150 seedlings per M.D. | 88.88         | 33380.66         | 36105.00        | 69485.66         | 88.88         | 33380.66              | 36105.00        | 69485.66         |
| 6                               | Watch and ward (12 months) –1 watcher per 10 ha                                                                                                                                                                                                                                                  | 36.50         | 13708.31         | 0.00            | 13708.31         | 36.50         | 13708.31              | 0.00            | 13708.31         |
| 7                               | Fire tracing                                                                                                                                                                                                                                                                                     | 2.00          | 751.14           | 0.00            | 751.14           | 2.00          | 751.14                | 0.00            | 751.14           |
| <b>Total</b>                    |                                                                                                                                                                                                                                                                                                  | <b>162.36</b> | <b>60977.55</b>  | <b>37824.06</b> | <b>98801.61</b>  | <b>162.36</b> | <b>60977.55</b>       | <b>37824.06</b> | <b>98801.61</b>  |
| Contengency 3%                  |                                                                                                                                                                                                                                                                                                  | 0.00          | 0.00             | 2964.05         | 2964.05          | 0.00          | 0.00                  | 2964.05         | 2964.05          |
| Labour welfare 4%               |                                                                                                                                                                                                                                                                                                  | 0.00          | 0.00             | 3952.06         | 3952.06          | 0.00          | 0.00                  | 3952.06         | 3952.06          |
| <b>Grand Total</b>              |                                                                                                                                                                                                                                                                                                  | <b>162.36</b> | <b>60977.55</b>  | <b>44740.17</b> | <b>105717.72</b> | <b>162.36</b> | <b>60977.55</b>       | <b>44740.17</b> | <b>105717.72</b> |
| <b>D. Third Year Operation</b>  |                                                                                                                                                                                                                                                                                                  |               |                  |                 |                  |               |                       |                 |                  |
| 1                               | 1 Weeding and 1 soil working (1.50 M.D per 100 seedlings) applying fertilizer @ Rs.0.82 per plant                                                                                                                                                                                                | 16.67         | 6260.75          | 911.02          | 7171.77          | 16.67         | 6260.75               | 911.02          | 7171.77          |
| 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         | 16705.35         | 16680.00        | 33385.35         | 44.48         | 16705.35              | 16680.00        | 33385.35         |
| 3                               | Watch and ward 12 months -1 watcher per 10.00 ha                                                                                                                                                                                                                                                 | 36.50         | 13708.31         | 0.00            | 13708.31         | 36.50         | 13708.31              | 0.00            | 13708.31         |
| 4                               | Counting of survival percentage Grid wise and Species wise and to Note the same on Register in May and October                                                                                                                                                                                   | 2.00          | 751.14           | 25.00           | 776.14           | 2.00          | 751.14                | 25.00           | 776.14           |
| 5                               | Fire tracing                                                                                                                                                                                                                                                                                     | 2.00          | 751.14           | 0.00            | 751.14           | 2.00          | 751.14                | 0.00            | 751.14           |
| <b>Total</b>                    |                                                                                                                                                                                                                                                                                                  | <b>101.65</b> | <b>38176.69</b>  | <b>17616.02</b> | <b>55792.71</b>  | <b>101.65</b> | <b>38176.69</b>       | <b>17616.02</b> | <b>55792.71</b>  |
| Contengency 3%                  |                                                                                                                                                                                                                                                                                                  | 0.00          | 0.00             | 1673.78         | 1673.78          | 0.00          | 0.00                  | 1673.78         | 1673.78          |
| Labour welfare 4%               |                                                                                                                                                                                                                                                                                                  | 0.00          | 0.00             | 2231.71         | 2231.71          | 0.00          | 0.00                  | 2231.71         | 2231.71          |
| <b>Grand Total</b>              |                                                                                                                                                                                                                                                                                                  | <b>101.65</b> | <b>38176.69</b>  | <b>21521.51</b> | <b>59698.20</b>  | <b>101.65</b> | <b>38176.69</b>       | <b>21521.51</b> | <b>59698.20</b>  |
| <b>E. Fourth Year Operation</b> |                                                                                                                                                                                                                                                                                                  |               |                  |                 |                  |               |                       |                 |                  |
| 1                               | Watch and ward 12 months -1 watcher per 10.00 ha                                                                                                                                                                                                                                                 | 36.50         | 13708.31         | 0.00            | 13708.31         | 36.50         | 13708.31              | 0.00            | 13708.31         |
| 2                               | Counting of survival percentage Grid wise and Species wise and to Note the same on Register in May and October                                                                                                                                                                                   | 2.00          | 751.14           | 25.00           | 776.14           | 2.00          | 751.14                | 25.00           | 776.14           |
| 3                               | Fire Tracing                                                                                                                                                                                                                                                                                     | 2.00          | 751.14           | 0.00            | 751.14           | 2.00          | 751.14                | 0.00            | 751.14           |



| Sr. No.                          | Particulars of works                                                                                           | Mandays      | Rate per Hectare |                |                 | Mandays      | Rate for 1.00 Hectare |                |                 |
|----------------------------------|----------------------------------------------------------------------------------------------------------------|--------------|------------------|----------------|-----------------|--------------|-----------------------|----------------|-----------------|
|                                  |                                                                                                                |              | Wages Rs.        | M&S Rs.        | Total Rs.       |              | Wages Rs.             | M&S Rs.        | Total Rs.       |
|                                  | <b>Total</b>                                                                                                   | <b>40.50</b> | <b>15210.59</b>  | <b>25.00</b>   | <b>15235.59</b> | <b>40.50</b> | <b>15210.59</b>       | <b>25.00</b>   | <b>15235.59</b> |
|                                  | Contengency 3%                                                                                                 | 0.00         | 0.00             | 457.07         | 457.07          | 0.00         | 0.00                  | 457.07         | 457.07          |
|                                  | Labour welfare 4%                                                                                              | 0.00         | 0.00             | 609.42         | 609.42          | 0.00         | 0.00                  | 609.42         | 609.42          |
|                                  | <b>Grand Total</b>                                                                                             | <b>40.50</b> | <b>15210.59</b>  | <b>1091.49</b> | <b>16302.08</b> | <b>40.50</b> | <b>15210.59</b>       | <b>1091.49</b> | <b>16302.08</b> |
| <b>F. Fifth Year Operation</b>   |                                                                                                                |              |                  |                |                 |              |                       |                |                 |
| 1                                | Watch and ward 12 months -1 watcher per 10.00 ha                                                               | 36.50        | 13708.31         | 0.00           | 13708.31        | 36.50        | 13708.31              | 0.00           | 13708.31        |
| 2                                | Counting of survival percentage Grid wise and Species wise and to Note the same on Register in May and October | 2.00         | 751.14           | 25.00          | 776.14          | 2.00         | 751.14                | 25.00          | 776.14          |
| 3                                | Fire Tracing                                                                                                   | 2.00         | 751.14           | 0.00           | 751.14          | 2.00         | 751.14                | 0.00           | 751.14          |
|                                  | <b>Total</b>                                                                                                   | <b>40.50</b> | <b>15210.59</b>  | <b>25.00</b>   | <b>15235.59</b> | <b>40.50</b> | <b>15210.59</b>       | <b>25.00</b>   | <b>15235.59</b> |
|                                  | Contengency 3%                                                                                                 | 0.00         | 0.00             | 457.07         | 457.07          | 0.00         | 0.00                  | 457.07         | 457.07          |
|                                  | Labour welfare 4%                                                                                              | 0.00         | 0.00             | 609.42         | 609.42          | 0.00         | 0.00                  | 609.42         | 609.42          |
|                                  | <b>Grand Total</b>                                                                                             | <b>40.50</b> | <b>15210.59</b>  | <b>1091.49</b> | <b>16302.08</b> | <b>40.50</b> | <b>15210.59</b>       | <b>1091.49</b> | <b>16302.08</b> |
| <b>G. Sixth Year Operation</b>   |                                                                                                                |              |                  |                |                 |              |                       |                |                 |
| 1                                | Watch and ward 12 months -1 watcher per 10.00 ha                                                               | 36.50        | 13708.31         | 0.00           | 13708.31        | 36.50        | 13708.31              | 0.00           | 13708.31        |
| 2                                | Counting of survival percentage Grid wise and Species wise and to Note the same on Register in May and October | 2.00         | 751.14           | 25.00          | 776.14          | 2.00         | 751.14                | 25.00          | 776.14          |
| 3                                | Fire Tracing                                                                                                   | 2.00         | 751.14           | 0.00           | 751.14          | 2.00         | 751.14                | 0.00           | 751.14          |
|                                  | <b>Total</b>                                                                                                   | <b>40.50</b> | <b>15210.59</b>  | <b>25.00</b>   | <b>15235.59</b> | <b>40.50</b> | <b>15210.59</b>       | <b>25.00</b>   | <b>15235.59</b> |
|                                  | Contengency 3%                                                                                                 | 0.00         | 0.00             | 457.07         | 457.07          | 0.00         | 0.00                  | 457.07         | 457.07          |
|                                  | Labour welfare 4%                                                                                              | 0.00         | 0.00             | 609.42         | 609.42          | 0.00         | 0.00                  | 609.42         | 609.42          |
|                                  | <b>Grand Total</b>                                                                                             | <b>40.50</b> | <b>15210.59</b>  | <b>1091.49</b> | <b>16302.08</b> | <b>40.50</b> | <b>15210.59</b>       | <b>1091.49</b> | <b>16302.08</b> |
| <b>H. Seventh Year Operation</b> |                                                                                                                |              |                  |                |                 |              |                       |                |                 |
| 1                                | Watch and ward 12 months -1 watcher per 10.00 ha                                                               | 36.50        | 13708.31         | 0.00           | 13708.31        | 36.50        | 13708.31              | 0.00           | 13708.31        |
| 2                                | Counting of survival percentage Grid wise and Species wise and to Note the same on Register in May and October | 2.00         | 751.14           | 25.00          | 776.14          | 2.00         | 751.14                | 25.00          | 776.14          |
| 3                                | Fire Tracing                                                                                                   | 2.00         | 751.14           | 0.00           | 751.14          | 2.00         | 751.14                | 0.00           | 751.14          |
|                                  | <b>Total</b>                                                                                                   | <b>40.50</b> | <b>15210.59</b>  | <b>25.00</b>   | <b>15235.59</b> | <b>40.50</b> | <b>15210.59</b>       | <b>25.00</b>   | <b>15235.59</b> |
|                                  | Contengency 3%                                                                                                 | 0.00         | 0.00             | 457.07         | 457.07          | 0.00         | 0.00                  | 457.07         | 457.07          |
|                                  | Labour welfare 4%                                                                                              | 0.00         | 0.00             | 609.42         | 609.42          | 0.00         | 0.00                  | 609.42         | 609.42          |
|                                  | <b>Grand Total</b>                                                                                             | <b>40.50</b> | <b>15210.59</b>  | <b>1091.49</b> | <b>16302.08</b> | <b>40.50</b> | <b>15210.59</b>       | <b>1091.49</b> | <b>16302.08</b> |

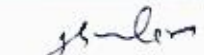


| Sr. No.                         | Particulars of works                                                                                           | Mandays      | Rate per Hectare |                |                 | Mandays      | Rate for 1.00 Hectare |                |                 |
|---------------------------------|----------------------------------------------------------------------------------------------------------------|--------------|------------------|----------------|-----------------|--------------|-----------------------|----------------|-----------------|
|                                 |                                                                                                                |              | Wages Rs.        | M&S Rs.        | Total Rs.       |              | Wages Rs.             | M&S Rs.        | Total Rs.       |
| <b>I. Eighth Year Operation</b> |                                                                                                                |              |                  |                |                 |              |                       |                |                 |
| 1                               | Watch and ward 12 months -1 watcher per 10.00 ha                                                               | 36.50        | 13708.31         | 0.00           | 13708.31        | 36.50        | 13708.31              | 0.00           | 13708.31        |
| 2                               | Counting of survival percentage Grid wise and Species wise and to Note the same on Register in May and October | 2.00         | 751.14           | 25.00          | 776.14          | 2.00         | 751.14                | 25.00          | 776.14          |
| 3                               | Fire Tracing                                                                                                   | 2.00         | 751.14           | 0.00           | 751.14          | 2.00         | 751.14                | 0.00           | 751.14          |
| <b>Total</b>                    |                                                                                                                | <b>40.50</b> | <b>15210.59</b>  | <b>25.00</b>   | <b>15235.59</b> | <b>40.50</b> | <b>15210.59</b>       | <b>25.00</b>   | <b>15235.59</b> |
| Contengency 3%                  |                                                                                                                | 0.00         | 0.00             | 457.07         | 457.07          | 0.00         | 0.00                  | 457.07         | 457.07          |
| Labour welfare 4%               |                                                                                                                | 0.00         | 0.00             | 609.42         | 609.42          | 0.00         | 0.00                  | 609.42         | 609.42          |
| <b>Grand Total</b>              |                                                                                                                | <b>40.50</b> | <b>15210.59</b>  | <b>1091.49</b> | <b>16302.08</b> | <b>40.50</b> | <b>15210.59</b>       | <b>1091.49</b> | <b>16302.08</b> |
| <b>J. Ninth Year Operation</b>  |                                                                                                                |              |                  |                |                 |              |                       |                |                 |
| 1                               | Watch and ward 12 months -1 watcher per 10.00 ha                                                               | 36.50        | 13708.31         | 0.00           | 13708.31        | 36.50        | 13708.31              | 0.00           | 13708.31        |
| 2                               | Counting of survival percentage Grid wise and Species wise and to Note the same on Register in May and October | 2.00         | 751.14           | 25.00          | 776.14          | 2.00         | 751.14                | 25.00          | 776.14          |
| 3                               | Fire Tracing                                                                                                   | 2.00         | 751.14           | 0.00           | 751.14          | 2.00         | 751.14                | 0.00           | 751.14          |
| <b>Total</b>                    |                                                                                                                | <b>40.50</b> | <b>15210.59</b>  | <b>25.00</b>   | <b>15235.59</b> | <b>40.50</b> | <b>15210.59</b>       | <b>25.00</b>   | <b>15235.59</b> |
| Contengency 3%                  |                                                                                                                | 0.00         | 0.00             | 457.07         | 457.07          | 0.00         | 0.00                  | 457.07         | 457.07          |
| Labour welfare 4%               |                                                                                                                | 0.00         | 0.00             | 609.42         | 609.42          | 0.00         | 0.00                  | 609.42         | 609.42          |
| <b>Grand Total</b>              |                                                                                                                | <b>40.50</b> | <b>15210.59</b>  | <b>1091.49</b> | <b>16302.08</b> | <b>40.50</b> | <b>15210.59</b>       | <b>1091.49</b> | <b>16302.08</b> |
| <b>K. Tenth Year Operation</b>  |                                                                                                                |              |                  |                |                 |              |                       |                |                 |
| 1                               | Watch and ward 12 months -1 watcher per 10.00 ha                                                               | 36.50        | 13708.31         | 0.00           | 13708.31        | 36.50        | 13708.31              | 0.00           | 13708.31        |
| 2                               | Counting of survival percentage Grid wise and Species wise and to Note the same on Register in May and October | 2.00         | 751.14           | 25.00          | 776.14          | 2.00         | 751.14                | 25.00          | 776.14          |
| 3                               | Fire Tracing                                                                                                   | 2.00         | 751.14           | 0.00           | 751.14          | 2.00         | 751.14                | 0.00           | 751.14          |
| <b>Total</b>                    |                                                                                                                | <b>40.50</b> | <b>15210.59</b>  | <b>25.00</b>   | <b>15235.59</b> | <b>40.50</b> | <b>15210.59</b>       | <b>25.00</b>   | <b>15235.59</b> |
| Contengency 3%                  |                                                                                                                | 0.00         | 0.00             | 457.07         | 457.07          | 0.00         | 0.00                  | 457.07         | 457.07          |
| Labour welfare 4%               |                                                                                                                | 0.00         | 0.00             | 609.42         | 609.42          | 0.00         | 0.00                  | 609.42         | 609.42          |
| <b>Grand Total</b>              |                                                                                                                | <b>40.50</b> | <b>15210.59</b>  | <b>1091.49</b> | <b>16302.08</b> | <b>40.50</b> | <b>15210.59</b>       | <b>1091.49</b> | <b>16302.08</b> |

  
Range Forest Officer  
Shahapur

  
Asst. Conservator of Forest  
(FLCS & CAMPA)  
Shahapur



  
(V T Ghule)  
Deputy Conservator of Forests  
Shahapur Forest Division  
Shahapur



| Sr.<br>No. | Particulars of works | Mandays | Rate per Hectare |         |           | Mandays | Rate for 1.00 Hectare |         |           |
|------------|----------------------|---------|------------------|---------|-----------|---------|-----------------------|---------|-----------|
|            |                      |         | Wages Rs.        | M&S Rs. | Total Rs. |         | Wages Rs.             | M&S Rs. | Total Rs. |

### Abstract

| Sr.<br>No.   | Year of Operation       | Rate per Hectare |                  |                  |                  | Rate for 1.00 Hectare |                  |                  |                  |
|--------------|-------------------------|------------------|------------------|------------------|------------------|-----------------------|------------------|------------------|------------------|
|              |                         | Mandays          | Wages            | Material Supply  | Total            | Mandays               | Wages            | Material Supply  | Total            |
| 1            | Pre-monsoon Operations  | 167.97           | 63084.49         | 211207.57        | 274292.06        | 167.97                | 63084.49         | 211207.57        | 274292.06        |
| 2            | First Year Operations   | 192.65           | 72353.56         | 70944.26         | 143297.82        | 192.65                | 72353.56         | 70944.26         | 143297.82        |
| 3            | Second Year Operations  | 162.36           | 60977.55         | 44740.17         | 105717.72        | 162.36                | 60977.55         | 44740.17         | 105717.72        |
| 4            | Third Year Operations   | 101.65           | 38176.69         | 21521.51         | 59698.20         | 101.65                | 38176.69         | 21521.51         | 59698.20         |
| 5            | Fourth Year Operations  | 40.50            | 15210.59         | 1091.49          | 16302.08         | 40.50                 | 15210.59         | 1091.49          | 16302.08         |
| 6            | Fifth Year Operations   | 40.50            | 15210.59         | 1091.49          | 16302.08         | 40.50                 | 15210.59         | 1091.49          | 16302.08         |
| 7            | Sixth Year Operations   | 40.50            | 15210.59         | 1091.49          | 16302.08         | 40.50                 | 15210.59         | 1091.49          | 16302.08         |
| 8            | Seventh Year Operations | 40.50            | 15210.59         | 1091.49          | 16302.08         | 40.50                 | 15210.59         | 1091.49          | 16302.08         |
| 9            | Eighth Year Operations  | 40.50            | 15210.59         | 1091.49          | 16302.08         | 40.50                 | 15210.59         | 1091.49          | 16302.08         |
| 10           | Ninth Year Operations   | 40.50            | 15210.59         | 1091.49          | 16302.08         | 40.50                 | 15210.59         | 1091.49          | 16302.08         |
| 11           | Tenth Year Operations   | 40.50            | 15210.59         | 1091.49          | 16302.08         | 40.50                 | 15210.59         | 1091.49          | 16302.08         |
| <b>Total</b> |                         | <b>786.63</b>    | <b>295434.63</b> | <b>352779.48</b> | <b>648214.11</b> | <b>786.63</b>         | <b>295434.63</b> | <b>352779.48</b> | <b>648214.11</b> |

  
 Range Forest Officer  
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