

**ESTIMATE FOR RAISING COMPENSATORY AFFORESTATION PLANTATION UNDER LOHIT FOREST DIVISION**

Name of project : Const. of Demwe-Brahmkund road 0.0 km to 18.464 km.  
 User Agency : NHIDCL  
 Location of CA : Lohit PRF  
 Area of CA : 49.69 ha  
 Wages rate (DL) : 333/-

|          |  | Unit | Qty   | Rate   | Amount  |
|----------|--|------|-------|--------|---------|
| <b>A</b> | <b>Creation of Nursery</b>   |      |       |        |         |
|          | Cost of seedlings @ 1100 Nos. / ha.  | ha   | 54659 | 18     | 983862  |
| <b>1</b> | <b>1ST YEAR OPERATION</b>  |      |       |        |         |
|          | Survey & demarcation and preparation of map @ 4 mandays/ ha.   | ha   | 49.69 | 1332   | 66187   |
|          | <b>Sub Total</b>   |      |       |        |         |
| <b>2</b> | <b>2ND YEAR OPERATION</b>  |      |       |        |         |
|          | (i) Erection of barbed wire fence (5 strand) fencing per 100 Rmt.  | Rmt  | 4000  | 231.52 | 926080  |
|          | (ii) Maint. Barbed wire fencing @ 5% of erection cost in each year from 3rd year to 6th year Add.                    |      |       |        |         |
|          | Add 10% escalation value by multiplying factor:  |      |       |        |         |
|          | 1.20 for 3rd year  |      |       |        |         |
|          | 1.3 for 4th year   |      |       |        |         |
|          | 1.4 for 5th year   |      |       |        |         |
|          | 1.5 for 6th year   |      |       |        |         |
|          | <b>Sub-Total</b>   |      |       |        |         |
| <b>3</b> | <b>Raising of seedlings for casualty replacement</b>   | No.  | 13665 | 18.0   | 245970  |
|          | 3rd year 15%=165 Nos   |      |       |        |         |
|          | 4th year 10%= 110 Nos. Total= 275 Nos.   |      |       |        |         |
| <b>4</b> | <b>RAISING OF PLANTATION</b>   |      |       |        |         |
|          | (i) Clearance of brush wood, planting lines & staking of debris @ 15 mandays/ha.                                     | ha   | 49.69 | 53114  | 2639235 |
|          | (ii) Alignment of pits & preparation of stakes, staking @ 10 mandays/ha  |      |       |        |         |
|          | (iii) Digging of pits 30 Cm X 30 Cm X 30 Cm @ 22 mandays/ha  |      |       |        |         |
|          | (iv) Preparation of thala by uprooting of debris by hoeing around pits @ 22 mandays/ha                               |      |       |        |         |
|          | (v) Carrying of sapling to the planting site i/c planting of sapling @ 30 mandays (Area II) & 20 mandays (Area-I0/ha |      |       |        |         |

|          |   |           |       |       |        |  |
|----------|---|-----------|-------|-------|--------|--|
|          | (vi) Making of inspection path 1mtr wide @ 3 mandays/ha               |           |       |       |        |  |
|          | (vii) Fire line cutting 3mtrs wide along the periphery @ 5 mandays/ha |           |       |       |        |  |
|          | (viii) Tending - 4 weeding @ 12 mandays/weeding/ha                    |           |       |       |        |  |
|          | Add 10% escalation value on total of item 4(i) to 4(viii)             |           |       |       |        |  |
| <b>5</b> | <b>3RD YEAR OPERATION</b>   | <b>ha</b> | 49.69 | 17982 | 893526 |  |
|          | (i) Tending - 3 weeding @ 12 mandays/ha                               |           |       |       |        |  |
|          | (ii) Casualty replacement 15%   |           |       |       |        |  |
|          | (iii) Maint. of inspection path @ 1 manday/ha                         |           |       |       |        |  |
|          | (iv) Maint. Of fireline @ 1 manday/ha                                 |           |       |       |        |  |
|          | Add 20% escalation value on total of item 5(i) to 5(iv)               |           |       |       |        |  |
| <b>6</b> | <b>4TH YEAR OPERATION</b>   | <b>ha</b> | 49.69 | 14286 | 709871 |  |
|          | (i) Tending -2 weedings @ 12 mandays/weeding/ha                       |           |       |       |        |  |
|          | (ii) Casualty replacement 10% @ 7 mandays/ha                          |           |       |       |        |  |
|          | (iii) Maint. Of inspection path @ 1 manday/ha                         |           |       |       |        |  |
|          | (iv) Maint. of fireline @ 1 manday/weeding/ha                         |           |       |       |        |  |
|          | Add 30% escalation value on item 6(i) to 6(iv)                        |           |       |       |        |  |
| <b>7</b> | <b>5TH YEAR OPERATION</b>   | <b>ha</b> | 49.69 | 6527  | 324327 |  |
|          | (i) Tending - 1 weedings @ 12 mandays/weeding/ha                      |           |       |       |        |  |
|          | (ii) Maint. of inspection path @ 1 manday/ha                          |           |       |       |        |  |
|          | (iii) Maint. Of fire line @ 1 manday/ha                               |           |       |       |        |  |
|          | (iv) Add paid holiday @ 18.63% on item 7(i) to 7 (iii)                |           |       |       |        |  |
|          | Add 40% escalation value on item 7(i) to 7(iv)                        |           |       |       |        |  |
| <b>8</b> | <b>6TH YEAR OPERATION</b>   | <b>ha</b> | 49.69 | 6993  | 347482 |  |
|          | (i) Tending - 1 weedings @ 12 mandays/weeding/ha                      |           |       |       |        |  |
|          | (ii) Maint. of inspection path @ 1 mnday/ ha.                         |           |       |       |        |  |
|          | (iii) Maint. of fireline @ 1 manday/ha.                               |           |       |       |        |  |
|          | Add 50% escalation value on item 8(i) to 8(iii)                       |           |       |       |        |  |
| <b>9</b> | <b>7TH YEAR OPERATION</b>   | <b>ha</b> | 49.69 | 2664  | 132374 |  |

|           |  |     |       |         |         |  |
|-----------|--|-----|-------|---------|---------|--|
|           | (i) Maint. of inspection path / fireline & climber cutting @ 5 mandays/ha  |     |       |         |         |  |
|           | Add 60% escalation value on total item 9(i)  |     |       |         |         |  |
| <b>10</b> | <b>8TH YEAR OPERATION</b>  | ha  | 49.69 | 2831    | 140672  |  |
|           | (i) Maint. of inspection path / fireline & climbing cutting @ 5 mandays/ha   |     |       |         |         |  |
|           | Add 70% escalation value on item 10(i)   |     |       |         |         |  |
|           | <b>Sub-Total</b>   | ha  | 49.69 | 2997    | 148921  |  |
| <b>11</b> | <b>9TH YEAR OPERATION</b>  |     |       |         |         |  |
|           | (i) Maint. of inspection path / fireline & climber cutting @ 5 mandays/ha  |     |       |         |         |  |
|           | Add 80% escalation value on total of item 11(i)  |     |       |         |         |  |
| <b>12</b> | <b>10TH YEAR OPERATION</b>   | ha  | 49.69 | 3164    | 157219  |  |
|           | (i) Maint. of inspection path / fireline & climber cutting @ 5 mandays/ha  |     |       |         |         |  |
|           | Add 90% escalation value on total of item 12 (i)   |     |       |         |         |  |
| 13        | Wages for plantation watchman at the rate of Un/skilled labourer round the year for 10 year (one watchman for every 25 ha) @ 10000/- for Area-I & Rs.10500/- for Area-II per month. Add escalation value by multiplying factor 1st year. | No. | 2     | 1740000 | 3480000 |  |
|           | (M.F=1.1) for 2nd year   |     |       |         |         |  |
|           | (M.F=1.2) for 3rd year   |     |       |         |         |  |
|           | (M.F=1.3) for 4th year   |     |       |         |         |  |
|           | (M.F=1.4) for 5th year   |     |       |         |         |  |
|           | (M.F=1.5) for 6th year   |     |       |         |         |  |
|           | (M.F=1.6) for 7th year   |     |       |         |         |  |
|           | (M.F=1.7) for 8th year   |     |       |         |         |  |
|           | (M.F=1.8) for 9th year   |     |       |         |         |  |
|           | (M.F=1.9) for 10th year  |     |       |         |         |  |
| 14        | a) Const. of OBT labour shed (2 room) for workers at Plantation site subject to a minimum area of 15 ha and upto 25 ha beyond 25 ha one room to be added for every 13 ha or part thereof at proportionate cost.                          | No. | 2.00  | 492000  | 984000  |  |
|           | b) Maint. Of OBT hut @ 25% of the const. Cost per year from 4th year to 6th year including escalation value by multiplying factor  |     |       |         |         |  |

