

Estimate for the creation and maintenance of 5.0 Ha. Plantation under Compensatory Afforestation in lieu of the Mahal
namely Kahuwa Minor Mineral Unit (Sand) under Kamrup West Division, Bamunigaon

| | | |
|---|---|---------|
| Area(Ha.) | - | 5.0 Ha. |
| Species (m X m) | - | 2x2 |
| Number of saplings/Ha. | - | 2500 |
| Length of Fence (R.M) | - | 200 |
| Wage Rate for the 1st year (Rs.) | - | 250 |
| Increase in wage rate for subsequent years by a | | 1.1 |
| Appreciation of material costs by a factor | | 1.1 |

| Sl. No. | Particulars of works | Units | Qty/ Ha. | Total Qty | Rate / Unit | Amount (Rs.) |
|---------|--|-------|-------------|-----------|-------------|----------------|
| A. | <u>ERECTION OF FENCING</u> | | @Rs. 250/DL | | | |
| | a) Cost of full chain -linked Goat Proofing Fencing (4' ht with 10 Gauge 3" dia link) to be fitted on Pre-cast RCC pillars at 1.8 mt. apart including transportation of fencing materials to site 200 RM @ 800 per RM as per estimate. | RMs | | 200 | 800 | 160,000 |
| | b) Wages of DLS for carrying, fitting, fixing etc. of fencing materials @ 20 DLs/100RM | DLs | | 40 | 250 | 10,000 |
| | Sub-Total = | | | | | 170,000 |
| B. | <u>INFRASTRUCTURE IN PLANTATION AREA</u> | | | | | |
| | Construction of camp hut | Nos. | | 1 | 50,000 | 50,000 |
| | Installation of ring/tube well (at least one upto 10 ha. & thereafter two per every 25 ha.). | Nos. | | 1 | 50,000 | 50,000 |
| | Cost of tools & implements (One unit upto 25 ha. & thereafter one unit per every 25 Ha.) | nos. | | 1 | 10,000 | 10,000 |
| | Camp accessories @Rs.10,000/- per camp. | nos. | | 1 | 10,000 | 10,000 |
| | Construction of Inspection Path 250 RM @Rs.50/- RM | RMs | | 250 | 50 | 12,500 |
| | Sub-Total = | | | | | 132,500 |
| C. | <u>ADVANCE WORK</u> | | | | | |
| | Site selection, surveying, demarcation, jungle cutting, burning etc. @ 20 DLs/Ha | DLs | 20 | 100 | 250 | 25,000 |
| | Preparation and acquisition of polypot saplings in the field nursery for planting 2500 nos. seedling/ha. @ Rs. 6/- per polypot. | nos. | 2500 | 12500 | 6 | 75,000 |
| | Preparation of polypot saplings in the field nursery for vacancy filling. | | | | | 0 |
| | a) 25% mortality expected during 1st year (to be planted in the field during the 2nd year) i.e. 625 seedling/ha. @ 6.5/per polypot. | nos. | 625 | 3125 | 6.5 | 20,313 |
| | b) 20% mortality expected during 2nd year (to be planted in the field during the 3rd year) i.e. 500 seedlings/ha.@ 7/- polypot. | nos. | 500 | 2500 | 7 | 17,500 |
| | c) 15% mortality expected during 3rd year (to be planted in the field during the 4th year) i.e. 375 seedlings/ha.@ 7.5/polypot. | nos. | 375 | 1875 | 7.5 | 14,063 |
| | Cost of Bamboo, making of stacking & transportation etc. | LS | | | | 5,000 |
| | Line alignment, carriage of stacking materials and fixing the stacking @ 5 DLs/ha. | DLs | 5 | 25 | 250 | 6,250 |
| | Sub-Total = | | | | | 163,125 |