

Estimate for raising 27.150884 ha Forest Land selected for CA plantation at Mouja Laxmipur RF & Kathalia RF under Trishna wildlife Sanctuary against the diversion of 13.5735 ha of forest land for construction of slop flattening in connection with Agartala- Sabroom new BG Line under District Forest Officer South Tripura.

Estimate are given below:-

| 1 st Year Maintenance | | | | |
|--|--|---------------|----------------|-----------------------------|
| SL No | Item of works | Time of works | No.DLs /ha | Amounts (in Rs) |
| 1 | Pre-survey by clearing jungle 1.5 m wide strip by using GPS instrument. Track polygon (raw data) is to be submitted within 5 days after completion of survey | Feb-March | | (included in 10% m&e cost) |
| 2 | Site preparation including cutting of jungle slush to the round disposal of debris etc. | Jan-Fab | 18 | 3816 |
| 3 | Stacking at spacing 2 m x 2 m (2500 plants) with sticks of 1 m long and 15 cm wide including collection of sticks etc to be done along the contour in slopes and in East West direction in plains | Feb-March | 10 | 2120 |
| 4 | Digging of pits 30 cm x 30 cm x 30 cm size for misc fast growing species at 2m x 2 m spacing | Feb-March | 68 | 14416 |
| 5 | Re-filling of pits after removal of foreign materials breaking of clods and planting of seedling after removal of seedling pots, carrying of seedlings up to plantation site, including preparation of thali for water conservation etc | April-may | 79 | 16748 |
| 6 | Re-Suirvey using GPS | | | |
| 7 | First weeding including base cleaning in thali at a radius of 0.5 m by scraping with spade and cutting of weeds in between the lines flush to the ground level including vacancy filling with required plant sp including digging of pits, refilling & planting including carrying of seedlings. | June-July | 22 | 4664 |
| 8 | Second Weeding including base cleaning in thali at a radius of 0.5 m by scaraping with spade and cutting of weeds in between the lines flush to the ground level | Aug-Sep | 18 | 3816 |
| 9 | Winter cleaning by cutting of weeds and climber making of fire line 4m wide & diagonal inspection path 1 m wide by scraping with spade and maintenance of the same throughout the dry season | Dec-January | 10 | 2120 |
| 10 | Engagement of a watch and wards responsible for maintenance of fencing, cattle watching etc. His continuation will be based on survival percentage of seedling. | April-March | 1 for 365 days | 7738 |
| 11 | Cost of planting materials @ Rs. 15/- per polybag for 3000 nos polybag (including vacancy filling) | | | 45000 |
| 12 | Cost of permanent fencing including application of biofertilizer etc. | Lumpsum | per ha | 65000 |
| Total | | | | 165438 |
| | | | | 16544 |
| Cost of pre-survey, carrying cost, singbord cost, monitoring and evaluation will be 10% of the total expenditure for 1ha | | | | |
| Sub-Total for 1st year | | | | 181982 |
| Anticipatory increase total X cost increment factor(1) | | | | 181982 |
| 2nd Year Maintenance | | | | |
| 1 | First weeding including base cleaning in thali at a radius of 0.5 m by scraping with spade and cutting of weeds in between the lines flush to the ground level including vacancy filling with required plant sp including digging of pits, refilling & planting including carrying of seedlings | June-July | 22 | 4664 |
| 2 | Second weeding including base in thali at a radius of 0.5 m by scraping with spade and cutting of weeds in between the lines flush to the ground level | Aug-Sep | 18 | 3816 |
| 3 | Winter cleaning including base in thali at a radius of 0.5 m by scrping with spade & cutting of weeds in between the lines flush the ground including making of fire line 4 m wide & diagonal inspection path 1 m wide by scaraping spade and maintenance of the same throughout the dry season | Dec-January | 10 | 2120 |
| 4 | Engagement of a watch and wards respopsible for maintenance of fencing , cattle watching etc. His continuation will be based on survival percentage of seedling. Watch and ward is 1 no. for min 10 ha (contiguous or discrete) patch | April-March | 1 for 365 days | 7738 |
| 5 | cost of seedling of 500 @ Rs. 15/- per polybag including transportation and application of biofertilizer etc. | | | 12500 |
| Total | | | | 30838 |
| For monitoring and evaluation, Maintenance of fencing 10% of the entire cost of plantation per ha | | | | 3084 |
| Sub-Total | | | | 33922 |
| Anticipatory increase total X cost increment factor(1.1) | | | | 37314 |

| 3rd year mintage | | | | |
|---|--|-------------|----------------|---------------|
| 1 | First weeding including base cleaning in thali at a radius of 0.5 m by scraping with spade and cutting of weeds in between the lines flush to the ground level including vacancy filling with required plant spp including digging of pits, refilling & planting including carry of seedlings. | June-July | 20 | 4240 |
| 2 | Second weeding including base in thali at a radius of 0.5 m by scarping with spade & cutting of weeds in between the lines flush the ground level | Aug-Sep | 15 | 3180 |
| 3 | Winter cleaning including base in thali at a radius of 0.5 m by scarping with spade & cutting of weeds in between the lines flush the ground including making of fire line 4 m wide & diagonal inspection path 1 m wide by scraping spade and maintenance of the same throughout the dry season | Dec-January | 10 | 2120 |
| 4 | Engagement of a watch and wards responsible for maintenance of fencing, cattle watching etc. His continuation will be based on survival percentage of seedling. Watch and ward is 1 no for min 10 ha (contiguous or discrete) patch. | April-March | 1 for 365 days | 7738 |
| 5 | Application for biofertilizer etc. including labour cost etc. | | LS | 5000 |
| Total | | | | 22278 |
| For monitoring and evaluation, maintenance of fencing 10% of the entire cost of plantation per ha | | | | 2228 |
| Sub-Total | | | | 24506 |
| Anticipatory increase : Total X cost increment factor (1.21) | | | | 29652 |
| 4th year mintage | | | | |
| 1 | First weeding including base cleaning in thali at a radius of 0.5 m by scraping with spade and cutting of weeds in between the lines flush to the ground level | June-July | 15 | 3180 |
| 2 | Cultural operation by weeding and climber cutting including making diagonal inspection path 1 m wide by scraping with spade and maintenance of the same throughout the dry season including making of fire line 4 m wide by scraping with spade including maintenance of the same through the dry season | Dec-January | 12 | 2544 |
| Total | | | | 5724 |
| Anticipatory increase : Total X Cost increment factor (1.331) | | | | 7619 |
| 5th year mintage | | | | |
| 1 | Cultural operation | Dec-January | 12 | 2544 |
| Anticipatory increase : Total X Cost increment factor (1.4641) | | | | 3725 |
| 6th year mintage | | | | |
| 1 | Cultural operation | Dec-January | 12 | 2544 |
| Anticipatory increase : Total X Cost increment factor (1.61051) | | | | 4097 |
| 7th year mintage | | | | |
| 1 | Cultural operation | Dec-January | 12 | 2544 |
| Anticipatory increase : Total X Cost increment factor (1.771561) | | | | 4507 |
| 8th year mintage | | | | |
| 1 | Cultural operation | Dec-January | 12 | 2544 |
| Anticipatory increase : Total X Cost increment factor (1.948717) | | | | 4958 |
| 9th year mintage | | | | |
| 1 | Cultural operation | Dec-January | 12 | 2544 |
| Anticipatory increase : Total X Cost increment factor (2.1435888) | | | | 5453 |
| 10th year mintage | | | | |
| 1 | Cultural operation | Dec-January | 12 | 2544 |
| Anticipatory increase : Total X Cost increment factor (2.3579476) | | | | 5999 |
| Sub-Total | | | | 285305 |
| Cost of 10% for central Campa Fund | | | | 28530 |
| Grand Total | | | | 313835 |
| Grand Total Rs.313835/- per ha X 27.150884 ha =85,20,903/- (Rupees eighty five lakhs twenty thousand nine hundred three) only. | | | | |


 District Forest Officer
 South Tripura District, Belonia
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 Belonia, South Tripura