Diversion of Forest Land for erection of 220KV multi circuit line & UG cable from 400KV SS Narsapur to proposed 220/13/33 KV Bowrampet SS in Rangareddy District at Kodakanchi RF in Sangareddy Range

Rs.in lakhs

| Net Present Value (NPV) | 13.63 | The Net Present Value is adopted as per required fixation for class -III, (Density 0.1 to 0.4) Rs.6.26 lakhs /Ha vide D.No.597/1995/SC/PILC, dt.15.05.2008. |
|-------------------------|-------|--|
| Grand Total: | 13.63 | |

District Forest Officer, Sangareddy.

Details of Forest area involved in the Kodakanchi RF of Sangareddy Range

| Sl.No | District | Division | Range | Section | Beat | Block | Compt. No. | Length KMs | Width in Mtrs | Area in Ha |
|-------|------------|------------|------------|---------|--------|------------|------------|------------|---------------|------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 1 | Sangareddy | Sangareddy | Sangareddy | Wailal | Wailal | Kodakanchi | 355 | 620 mtrs | 35 mtrs | 2.178 |
| | | | TOTAL | | | | | 620 mtrs | 39 mtrs | 2.178 |

Forest Range Officer, Sangareddy

Details of Forest area involved in the Kodakanchi RF of Sangareddy Range

| Sl.No | District | Division | Range | Section | Beat | Block | Compt. No. | Control of the second | nainage M) | Length KMs | Length Mtrs | Proposed ROW in Mtrs | As per DGPS Area (Ha) | As per field Non Forest area (Ha) | As per field Forest Area in Ha |
|-------|------------|------------|------------|---------|--------|------------|---------------|-----------------------|---------------|------------|-------------|-------------------------|--------------------------|---|--------------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 1 | Sangareddy | Sangareddy | Sangareddy | Wailal | Wailal | Kodakanchi | 355 | | | 0.62 | 620.00 | 35 mtrs | 2.178 | 0 | 2.178 |
| | | | TOTAL | | | | | | | 0.62 | 620.00 | 35 mtrs | 2.178 | 0 | 2.178 |

Forest Range Officer, Sangareddy

Estimate for construction of boundary pillars at Khajipally R.F. and digging of treanch at Kodakanchi RF,Compt NO.355 in Sangareddy Range.

| S. no. | Item | Qty | Cost (in Rs.) | Total (in Rs.) |
|-----------|--|-----------|---------------|----------------|
| 1 | Construction of Boundary Pillars in the diverted area | | | |
| | (a) Big pillars | (12) No's | 9000 | 108000.00 |
| | (b) Small Pillars | (22) No's | 1200 | 26400.00 |
| 2 | Digging of Protection trench in the proposed plantation area (1x(2.00+1.5)/2x2.00) | 860 Rmt | 45/- per cmt | 135450.00 |
| | Total | | | 269850.00 |
| | | | | (or) 2.70.000 |

DETAILS ABSTRACT OF C.A SCHEME IN COMPT NO.355 KODAKANCHI RESERVE FOREST OF SANGAREDDY RANGE OF SANGAREDDY FOREST OF SANGAREDDY DISTRICT

| Sl.No | Details of CA Scheme | Phy (area in Ha) | Fin (In Rupees) |
|-------|---|---------------------|-----------------|
| 1 | Net present Value @ Area in Ha X 626000/- | 2.178 | 1363428 |
| 2 | Cost of Tree value as per 2018-19 FSR | | 4481 |
| | Total - 1 | | 1367909 |
| 3 | Details of CA are shown below | | |
| а | Advance operation works during 2019-20 | 4.3560 | 132339 |
| b | Raising of plantation during 2020-21 | 4.3560 | 2159515 |
| С | 1st year Maintenance during 2021-22 | 4.3560 | 753817 |
| d | 2nd year Maintenance during 2022-23 | 4.3560 | 254709 |
| е | 3rd year Maintenance during 2023-24 | 4.3560 | 236720 |
| f | 4th year Maintenance during 2024-25 | 4.3560 | 260392 |
| g | 5th year Maintenance during 2025-26 | 4.3560 | 22939 |
| h | 6th year Maintenance during 2026-27 | 4.3560 | 19826 |
| i | 7th year Maintenance during 2027-28 | 4.3560 | 27756 |
| j | 8th year Maintenance during 2028-29 | 4.3560 | 23990 |
| k | 9th year Maintenance during 2029-30 | 4.3560 | 33585 |
| l | 10th year Maintenance during 2030-31 | 4.3560 | 29027 |
| | | | 3954615 |
| m | Boundary pillars construction cost (BP) | | 270000 |
| | Total-2 | | 4224615 |
| n | Add 10 % for Office administration, Maintennace of Office records etc., | | 422462 |
| | Scheme Total | | 6014986 |

District Forest Officer Sangareddy.

Unit Cost for Advance Operations for Raising of N.T.S.H. Plantations 3m X 2m. (SMM)

Unit Rate per Ha

| | T | | - Itale p | | |
|----------|--|-----|------------|------------|--------------|
| FSR Code | Item of work | Qty | Rate (Rs.) | Per | Amount (Rs.) |
| 02.08.01 | Survey with GPS (Only staff to carry out) (Staff to carryout GPS Survey. One manday is allowed for assistance) | 1 | 339.66 | Plantation | 340 |
| 02.08.02 | Clearing unsalable unwanted jungle growth | | | | |
| | (c) Light Jungle Growth (> 20% and upto 30% ground area covered with Jungle growth) with prior written approval of DFO based on the field inspection of DFO. | 0.6 | 5686.75 | На | 3412 |
| 02.08.03 | Uprootal of stumps | | | | |
| | Uprootal of stumps in old eucalyptus plantations | 1 | 17917.00 | На | 17917 |
| 02.08.04 | Collection and Removal of uprooted stumps of all sizes | | | | |
| | (c) Light Jungle Growth (> 20% and upto 30% ground area covered with Jungle growth) with prior written approval of DFO based on the field inspection of DFO. | 0.6 | 9916.46 | На | 5950 |
| | Unit Rate for 2018 -19 | | | | 27619 |
| | Unit Rate for 2019 -20 | | | | 30381 |
| | Unit Rate for 2020 -21 | | | | 33419 |
| | Unit Rate for 2021 -22 | | | | 36761 |
| | Unit Rate for 2022 -23 | | | | 40437 |
| | Unit Rate for 2023 -24 | | | | 44481 |
| | Unit Rate for 2024 -25 | | | | 48929 |
| | Unit Rate for 2025 -26 | | | | 53822 |
| | Unit Rate for 2026 -27 | | | | 59204 |
| | Unit Rate for 2027 -28 | | | | 65124 |
| | Unit Rate for 2028 -29 | | | | 71637 |
| | | | | | |

Forset Range Officer Sangareddy.

Unit Cost for Raising of N.T.S.H. Plantations 3m X 2m. (SMM)

| Code | Item of work | Qty | Rate (Rs.) | | Rate per Ha Amount (Rs.) |
|--|--|---|--|--|---|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 02.08.05 | Tilling (permissible for C.A.area only) the soil to a depth of 45cm in the effective area. | 1 | 17491.76 | На | 17492 |
| 02.09.02 | Deep Ploughing the effective (excluding unsuitable patches) | 1 | 5457.17 | На | 5457 |
| | plantation area across the slope to a depth of 30 cm with Heavy- | | | 4 6 7 6 | |
| | duty Tractor of 55 HP and above with Firm Mould Board (FMB) | | | | |
| | plough. FOR TILLED AREA ONLY | | | | |
| 02.09.04 | © Alignment and staking including laying base line for Misc species with | 1666 | 80.17 | 100 | 1336 |
| 00.00.05 | espacement 3mX2m (1666 Nos) | | | | |
| 02.09.05 | Cost of 0.45 M Stake preparation and transportation to site. © Digging of 60 cm cube size pits - Half of the rate of Rs.9.28 | 1666 | 56.82 | | 947 |
| 02.09.00 | *1.333*1.333 (Rate for 45 cm cube pit - Rs.9.28 per pit) | 1666 | 10.62 | 1 | 17685 |
| | Purchase of Tall Plants | 2000 | 150.00 | Each | 300000 |
| 01.03.05 | Cost and transportation of soil mixtue for filling half of the pit and | 359.856 | 0.00 | | C |
| | spreading around the pit - $0.6 \text{ cm} \times 0.6 \text{ cm} \times 0.6 \text{ cm} = 0.216 \text{ cum}$ | | | | |
| | Transportation of Bag plants / Root trainer plants from nursery | | 0.00 | | |
| | site to plantation site including loading and unloading | | | | |
| 02.09.07 | upto 5 Km lead(20X30 cm (8"X12")bag plants) | 1666 | 209.92 | | 3497 |
| 02.09.08 | 5 Km to 25 Km lead(20X30 cm (8"X12")bag plants) Internal transport of bag plants/root trainers to planting points on | 1666 | 8.17 | 100 | 136 |
| | head loads. | | | | |
| 02.09.10 | 20X30 cm (8"X12")bag plants | 1666 | 141.67 | 100 | 2360 |
| 02.09.11 | Cost of SSP, Chloridine dust or Chloropyriphos | 1666 | 1.10 | | 1833 |
| | Application of 50gm of SSP per pit | 1666 | 39.18 | | 653 |
| | Planting Bag Plants | | | | |
| 02.09.13 | Planting in 60 cm ³ Pit (for 45 cm3 pit - Rs.381.54) | 1666 | 436.48 | 100 | 7272 |
| 02.15.10 | Cost of supporting stake of 2.5 m long sturdy and straight and | 1666 | 0.99 | 1.00 | 1649 |
| | minimum 10 cm girth at base | | | | |
| | | | 01101 | 100 | 4403 |
| 02.09.14 | Watering to the plants - 4 times | 1666 | 264.26 | | |
| 02.09.14 02.09.15 | Replacement of Casualties 20% during Raising & 25% in 1st year (In | 50% of rate of | of original p | itting rate du | ring raising |
| | Replacement of Casualties 20% during Raising & 25% in 1st year (In case of Eucalyptus 10% during raising and no causality replacement y | 50% of rate of ear and 100% | of original p | itting rate du intenance ye | ring raising ars. Planting, |
| | Replacement of Casualties 20% during Raising & 25% in 1st year (In | 50% of rate of ear and 100% | of original pi during ma tion and inte | itting rate du intenance ye ernal transpo | ring raising ars. Planting, |
| | Replacement of Casualties 20% during Raising & 25% in 1st year (In case of Eucalyptus 10% during raising and no causality replacement y for further maintenance) | 50% of rate of ear and 100% | of original pa during ma tion and into prescribe | itting rate du intenance ye ernal transpo ed above. | ring raising ars. Planting, rtation as |
| | Replacement of Casualties 20% during Raising & 25% in 1st year (In case of Eucalyptus 10% during raising and no causality replacement y | 50% of rate of ear and 100% Transporta | of original pi during ma tion and inte | itting rate du intenance ye ernal transpo ed above. | ring raising ars. Planting, |
| | Replacement of Casualties 20% during Raising & 25% in 1st year (In case of Eucalyptus 10% during raising and no causality replacement year for further maintenance) © Digging of 60 cm cube size pits - Half of the rate of Rs.9.28 *1.333*1.333*1.333 (Rate for 45 cm cube pit - Rs.9.28 per pit) Transportation | 50% of rate of ear and 100% Transporta | of original pa during ma tion and into prescribe | itting rate du intenance ye. ernal transpoed above. | ring raising ars. Planting, rtation as 1767 |
| | Replacement of Casualties 20% during Raising & 25% in 1st year (In case of Eucalyptus 10% during raising and no causality replacement year for further maintenance) © Digging of 60 cm cube size pits - Half of the rate of Rs.9.28 *1.333*1.333*1.333 (Rate for 45 cm cube pit - Rs.9.28 per pit) Transportation Internal Transportation | 50% of rate of rear and 100% Transportal 333 333 333 | of original pi 6 during ma tion and into prescribe 5.31 218.10 141.67 | itting rate du intenance ye ernal transpoed above. | ring raising ars. Planting, rtation as 1767 726 |
| 02.09.15 | Replacement of Casualties 20% during Raising & 25% in 1st year (In case of Eucalyptus 10% during raising and no causality replacement of further maintenance) © Digging of 60 cm cube size pits - Half of the rate of Rs.9.28 *1.333*1.333*1.333 (Rate for 45 cm cube pit - Rs.9.28 per pit) Transportation Internal Transportation Planting in 60 cm ³ Pit (for 45 cm3 pit - Rs.381.54) | 50% of rate of rear and 100% Transportal 333 | of original pi of during ma tion and into prescribe 5.31 218.10 | itting rate du intenance ye ernal transpoed above. | ring raising ars. Planting, rtation as 1767 726 472 |
| 02.09.15 | Replacement of Casualties 20% during Raising & 25% in 1st year (In case of Eucalyptus 10% during raising and no causality replacement year further maintenance) © Digging of 60 cm cube size pits - Half of the rate of Rs.9.28 *1.333*1.333*1.333 (Rate for 45 cm cube pit - Rs.9.28 per pit) Transportation Internal Transportation Planting in 60 cm ³ Pit (for 45 cm3 pit - Rs.381.54) Cost of DAP @25gm / planting point | 50% of rate of the car and 100% Transportar 333 333 333 333 1666 | of original pi 6 during ma tion and into prescribe 5.31 218.10 141.67 436.48 2.00 | itting rate du intenance ye ernal transpoed above. 1 100 100 100 100 1 | ring raising ars. Planting, rtation as 1767 726 472 1453 |
| 02.09.15 | Replacement of Casualties 20% during Raising & 25% in 1st year (In case of Eucalyptus 10% during raising and no causality replacement of further maintenance) © Digging of 60 cm cube size pits - Half of the rate of Rs.9.28 *1.333*1.333*1.333 (Rate for 45 cm cube pit - Rs.9.28 per pit) Transportation Internal Transportation Planting in 60 cm ³ Pit (for 45 cm3 pit - Rs.381.54) Cost of DAP @25gm / planting point Application of fertilizer in August (30 days after planting) by | 50% of rate of ear and 100% Transportar 333 333 333 333 333 | of original professions of original profession and interprescribe 5.31 218.10 446.48 | itting rate du intenance ye ernal transpoed above. 1 100 100 100 1 | ring raising ars. Planting, rtation as 1767 726 472 1453 3332 |
| 02.09.15 | Replacement of Casualties 20% during Raising & 25% in 1st year (In case of Eucalyptus 10% during raising and no causality replacement year for further maintenance) © Digging of 60 cm cube size pits - Half of the rate of Rs.9.28 *1.333*1.333*1.333 (Rate for 45 cm cube pit - Rs.9.28 per pit) Transportation Internal Transportation Planting in 60 cm³ Pit (for 45 cm3 pit - Rs.381.54) Cost of DAP @25gm / planting point Application of fertilizer in August (30 days after planting) by making 3 holes of 10 cm depth with crow bar holes at a distance of | 50% of rate of the car and 100% Transportar 333 333 333 333 1666 | of original pi 6 during ma tion and into prescribe 5.31 218.10 141.67 436.48 2.00 | itting rate du intenance ye ernal transpoed above. 1 100 100 100 100 1 | ring raising ars. Planting, rtation as 1767 726 472 1453 3332 |
| 02.09.15 | Replacement of Casualties 20% during Raising & 25% in 1st year (In case of Eucalyptus 10% during raising and no causality replacement of further maintenance) © Digging of 60 cm cube size pits - Half of the rate of Rs.9.28 *1.333*1.333*1.333 (Rate for 45 cm cube pit - Rs.9.28 per pit) Transportation Internal Transportation Planting in 60 cm ³ Pit (for 45 cm3 pit - Rs.381.54) Cost of DAP @25gm / planting point Application of fertilizer in August (30 days after planting) by | 50% of rate of the car and 100% Transportar 333 333 333 333 1666 | of original pi 6 during ma tion and into prescribe 5.31 218.10 141.67 436.48 2.00 | itting rate du intenance ye ernal transpoed above. 1 100 100 100 100 1 | ring raising ars. Planting, rtation as 1767 726 472 1453 3332 |
| 02.09.15 | Replacement of Casualties 20% during Raising & 25% in 1st year (In case of Eucalyptus 10% during raising and no causality replacement year for further maintenance) © Digging of 60 cm cube size pits - Half of the rate of Rs.9.28 *1.333*1.333*1.333 (Rate for 45 cm cube pit - Rs.9.28 per pit) Transportation Internal Transportation Planting in 60 cm³ Pit (for 45 cm3 pit - Rs.381.54) Cost of DAP @25gm / planting point Application of fertilizer in August (30 days after planting) by making 3 holes of 10 cm depth with crow bar holes at a distance of 10 cm away from plant and putting fertilizers & closing. | 50% of rate of the area and 100% Transportar 333 333 333 1666 1666 | of original pi 6 during ma tion and into prescribe 5.31 218.10 141.67 436.48 2.00 39.18 | itting rate du intenance ye ernal transpoed above. 1 100 100 100 100 100 100 | ring raising ars. Planting, rtation as 1767 726 472 1453 3332 653 |
| 02.09.15 02.09.16 02.09.11 | Replacement of Casualties 20% during Raising & 25% in 1st year (In case of Eucalyptus 10% during raising and no causality replacement year for further maintenance) © Digging of 60 cm cube size pits - Half of the rate of Rs.9.28 *1.333*1.333*1.333 (Rate for 45 cm cube pit - Rs.9.28 per pit) Transportation Internal Transportation Planting in 60 cm³ Pit (for 45 cm3 pit - Rs.381.54) Cost of DAP @25gm / planting point Application of fertilizer in August (30 days after planting) by making 3 holes of 10 cm depth with crow bar holes at a distance of | 50% of rate of the car and 100% Transportar 333 333 333 333 1666 | of original pi 6 during ma tion and into prescribe 5.31 218.10 141.67 436.48 2.00 | itting rate du intenance ye ernal transpoed above. 1 100 100 100 100 100 100 | ring raising ars. Planting, rtation as 1767 726 472 1453 3332 |
| 02.09.15 02.09.16 02.09.11 | Replacement of Casualties 20% during Raising & 25% in 1st year (In case of Eucalyptus 10% during raising and no causality replacement year further maintenance) © Digging of 60 cm cube size pits - Half of the rate of Rs.9.28 *1.333*1.333*1.333 (Rate for 45 cm cube pit - Rs.9.28 per pit) Transportation Internal Transportation Planting in 60 cm³ Pit (for 45 cm3 pit - Rs.381.54) Cost of DAP @25gm / planting point Application of fertilizer in August (30 days after planting) by making 3 holes of 10 cm depth with crow bar holes at a distance of 10 cm away from plant and putting fertilizers & closing. a) Circular weeding to a radius of 0.50 m around the plant (during | 50% of rate of the area and 100% Transportar 333 333 333 1666 1666 | of original pi 6 during ma tion and into prescribe 5.31 218.10 141.67 436.48 2.00 39.18 | itting rate du intenance ye ernal transpoed above. 1 100 100 100 100 100 100 100 | ring raising ars. Planting, rtation as 1767 726 472 1453 3332 653 |
| 02.09.16 02.09.11 02.09.18 | Replacement of Casualties 20% during Raising & 25% in 1st year (In case of Eucalyptus 10% during raising and no causality replacement of further maintenance) © Digging of 60 cm cube size pits - Half of the rate of Rs.9.28 *1.333*1.333*1.333 (Rate for 45 cm cube pit - Rs.9.28 per pit) Transportation Internal Transportation Planting in 60 cm³ Pit (for 45 cm3 pit - Rs.381.54) Cost of DAP @25gm / planting point Application of fertilizer in August (30 days after planting) by making 3 holes of 10 cm depth with crow bar holes at a distance of 10 cm away from plant and putting fertilizers & closing. a) Circular weeding to a radius of 0.50 m around the plant (during July - Aug) b) Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging | 50% of rate of rear and 100% Transportar 333 333 333 1666 1666 1666 | of original pi 6 during ma tion and into prescribe 5.31 218.10 141.67 436.48 2.00 39.18 | itting rate du intenance ye ernal transported above. 1 100 100 100 100 100 100 100 100 100 | ring raising ars. Planting, rtation as 1767 726 472 1453 3332 653 |
| 02.09.16 02.09.11 02.09.18 02.09.19 | Replacement of Casualties 20% during Raising & 25% in 1st year (In case of Eucalyptus 10% during raising and no causality replacement of further maintenance) © Digging of 60 cm cube size pits - Half of the rate of Rs.9.28 *1.333*1.333*1.333 (Rate for 45 cm cube pit - Rs.9.28 per pit) Transportation Internal Transportation Planting in 60 cm³ Pit (for 45 cm3 pit - Rs.381.54) Cost of DAP @25gm / planting point Application of fertilizer in August (30 days after planting) by making 3 holes of 10 cm depth with crow bar holes at a distance of 10 cm away from plant and putting fertilizers & closing. a) Circular weeding to a radius of 0.50 m around the plant (during July - Aug) b) Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (during Nov - Dec.) | 50% of rate of the area and 100% Transportar 333 333 333 1666 1666 1666 1666 | of original pi 6 during ma 5 during ma tion and into prescribe 5.31 218.10 141.67 436.48 2.00 39.18 | titing rate du intenance ye ernal transported above. 1 100 100 100 100 100 100 100 100 100 | ring raising ars. Planting, rtation as 1767 726 472 1453 3332 653 |
| 02.09.16 02.09.11 02.09.18 | Replacement of Casualties 20% during Raising & 25% in 1st year (In case of Eucalyptus 10% during raising and no causality replacement of further maintenance) © Digging of 60 cm cube size pits - Half of the rate of Rs.9.28 *1.333*1.333*1.333 (Rate for 45 cm cube pit - Rs.9.28 per pit) Transportation Internal Transportation Planting in 60 cm³ Pit (for 45 cm3 pit - Rs.381.54) Cost of DAP @25gm / planting point Application of fertilizer in August (30 days after planting) by making 3 holes of 10 cm depth with crow bar holes at a distance of 10 cm away from plant and putting fertilizers & closing. a) Circular weeding to a radius of 0.50 m around the plant (during July - Aug) b) Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (during Nov - Dec.) [b) Inter ploughing with heavy duty tractor of 55 HP to a depth of 30 | 50% of rate of rear and 100% Transportar 333 333 333 1666 1666 1666 | of original pi 6 during ma tion and into prescribe 5.31 218.10 141.67 436.48 2.00 39.18 | titing rate du intenance ye ernal transported above. 1 100 100 100 100 100 100 100 100 100 | ring raising ars. Planting, rtation as 1767 726 472 1453 3332 653 |
| 02.09.16 02.09.11 02.09.18 02.09.19 | Replacement of Casualties 20% during Raising & 25% in 1st year (In case of Eucalyptus 10% during raising and no causality replacement of further maintenance) © Digging of 60 cm cube size pits - Half of the rate of Rs.9.28 *1.333*1.333*1.333 (Rate for 45 cm cube pit - Rs.9.28 per pit) Transportation Internal Transportation Planting in 60 cm³ Pit (for 45 cm3 pit - Rs.381.54) Cost of DAP @25gm / planting point Application of fertilizer in August (30 days after planting) by making 3 holes of 10 cm depth with crow bar holes at a distance of 10 cm away from plant and putting fertilizers & closing. a) Circular weeding to a radius of 0.50 m around the plant (during July - Aug) b) Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (during Nov - Dec.) (b) Inter ploughing with heavy duty tractor of 55 HP to a depth of 30 cm in Hard Gravelly Soils | 50% of rate of rear and 100% Transportar 333 333 333 1666 1666 1666 1666 1666 1 | of original pi during ma tion and interprescribe 5.31 218.10 141.67 436.48 2.00 39.18 124.67 654.75 | titing rate du intenance ye ernal transported above. 1 100 100 100 100 100 100 100 100 100 | ring raising ars. Planting, rtation as 1767 726 472 1453 3332 653 2077 10908 |
| 02.09.15 02.09.16 02.09.11 02.09.19 02.09.20 02.09.22 | Replacement of Casualties 20% during Raising & 25% in 1st year (In case of Eucalyptus 10% during raising and no causality replacement of further maintenance) © Digging of 60 cm cube size pits - Half of the rate of Rs.9.28 *1.333*1.333*1.333 (Rate for 45 cm cube pit - Rs.9.28 per pit) Transportation Internal Transportation Planting in 60 cm³ Pit (for 45 cm3 pit - Rs.381.54) Cost of DAP @25gm / planting point Application of fertilizer in August (30 days after planting) by making 3 holes of 10 cm depth with crow bar holes at a distance of 10 cm away from plant and putting fertilizers & closing. a) Circular weeding to a radius of 0.50 m around the plant (during July - Aug) b) Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (during Nov - Dec.) (b) Inter ploughing with heavy duty tractor of 55 HP to a depth of 30 cm in Hard Gravelly Soils Uprootal of Mahaveera Weed | 50% of rate of rear and 100% Transportar 333 333 333 1666 1666 1666 | of original pi 6 during ma tion and into prescribe 5.31 218.10 141.67 436.48 2.00 39.18 124.67 654.75 | itting rate du intenance ye. ernal transported above. 1 100 100 100 100 100 100 100 100 100 | ring raising ars. Planting, rtation as 1767 726 472 1453 3332 653 2077 10908 3401 3643 |
| 02.09.16 02.09.11 02.09.18 02.09.19 | Replacement of Casualties 20% during Raising & 25% in 1st year (In case of Eucalyptus 10% during raising and no causality replacement of further maintenance) © Digging of 60 cm cube size pits - Half of the rate of Rs.9.28 *1.333*1.333*1.333 (Rate for 45 cm cube pit - Rs.9.28 per pit) Transportation Internal Transportation Planting in 60 cm³ Pit (for 45 cm3 pit - Rs.381.54) Cost of DAP @25gm / planting point Application of fertilizer in August (30 days after planting) by making 3 holes of 10 cm depth with crow bar holes at a distance of 10 cm away from plant and putting fertilizers & closing. a) Circular weeding to a radius of 0.50 m around the plant (during July - Aug) b) Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (during Nov - Dec.) (b) Inter ploughing with heavy duty tractor of 55 HP to a depth of 30 cm in Hard Gravelly Soils Uprootal of Mahaveera Weed Cost of Protection: One Watcher is allowed for 10-30 ha. | 50% of rate of rear and 100% Transportar 333 333 333 1666 1666 1666 1666 1666 1 | of original pi during ma tion and interprescribe 5.31 218.10 141.67 436.48 2.00 39.18 124.67 654.75 | itting rate du intenance ye. ernal transported above. 1 100 100 100 100 100 100 100 100 100 | ring raising ars. Planting, rtation as 1767 726 472 1453 3332 653 2077 10908 |
| 02.09.15 02.09.16 02.09.11 02.09.19 02.09.20 02.09.22 | Replacement of Casualties 20% during Raising & 25% in 1st year (In case of Eucalyptus 10% during raising and no causality replacement of further maintenance) © Digging of 60 cm cube size pits - Half of the rate of Rs.9.28 *1.333*1.333*1.333 (Rate for 45 cm cube pit - Rs.9.28 per pit) Transportation Internal Transportation Planting in 60 cm³ Pit (for 45 cm3 pit - Rs.381.54) Cost of DAP @25gm / planting point Application of fertilizer in August (30 days after planting) by making 3 holes of 10 cm depth with crow bar holes at a distance of 10 cm away from plant and putting fertilizers & closing. a) Circular weeding to a radius of 0.50 m around the plant (during July - Aug) b) Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (during Nov - Dec.) (b) Inter ploughing with heavy duty tractor of 55 HP to a depth of 30 cm in Hard Gravelly Soils Uprootal of Mahaveera Weed | 50% of rate of rear and 100% Transportar 333 333 333 1666 1666 1666 | of original pi 6 during ma tion and into prescribe 5.31 218.10 141.67 436.48 2.00 39.18 124.67 654.75 | itting rate du intenance ye. ernal transported above. 1 100 100 100 100 100 100 100 100 100 | ring raising ars. Planting, rtation as 1767 726 472 1453 3332 653 2077 10908 3401 3643 |
| 02.09.15 02.09.16 02.09.11 02.09.19 02.09.20 02.09.22 | Replacement of Casualties 20% during Raising & 25% in 1st year (In case of Eucalyptus 10% during raising and no causality replacement of further maintenance) © Digging of 60 cm cube size pits - Half of the rate of Rs.9.28 *1.333*1.333*1.333 *1.33 | 50% of rate of rear and 100% Transportar 333 333 333 1666 1666 1666 | of original pi 6 during ma tion and into prescribe 5.31 218.10 141.67 436.48 2.00 39.18 124.67 654.75 | itting rate du intenance ye. ernal transported above. 1 100 100 100 100 100 100 100 100 100 | ring raising ars. Planting, rtation as 1767 726 472 1453 3332 653 2077 10908 3401 3643 16564 |
| 02.09.15 02.09.16 02.09.11 02.09.19 02.09.20 02.09.22 | Replacement of Casualties 20% during Raising & 25% in 1st year (In case of Eucalyptus 10% during raising and no causality replacement of further maintenance) © Digging of 60 cm cube size pits - Half of the rate of Rs.9.28 *1.333*1.333*1.333 *1.33 | 50% of rate of rear and 100% Transportar 333 333 333 1666 1666 1666 | of original pi 6 during ma tion and into prescribe 5.31 218.10 141.67 436.48 2.00 39.18 124.67 654.75 | itting rate du intenance ye. ernal transported above. 1 100 100 100 100 100 100 100 100 100 | ring raising ars. Planting, rtation as 1767 726 472 1453 3332 653 2077 10908 3401 3643 16564 |
| 02.09.15 02.09.16 02.09.11 02.09.19 02.09.20 02.09.22 | Replacement of Casualties 20% during Raising & 25% in 1st year (In case of Eucalyptus 10% during raising and no causality replacement of further maintenance) © Digging of 60 cm cube size pits - Half of the rate of Rs.9.28 *1.333*1.333*1.333 (Rate for 45 cm cube pit - Rs.9.28 per pit) Transportation Internal Transportation Planting in 60 cm³ Pit (for 45 cm3 pit - Rs.381.54) Cost of DAP @25gm / planting point Application of fertilizer in August (30 days after planting) by making 3 holes of 10 cm depth with crow bar holes at a distance of 10 cm away from plant and putting fertilizers & closing. a) Circular weeding to a radius of 0.50 m around the plant (during July - Aug) b) Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (during Nov - Dec.) (b) Inter ploughing with heavy duty tractor of 55 HP to a depth of 30 cm in Hard Gravelly Soils Uprootal of Mahaveera Weed Cost of Protection: One Watcher is allowed for 10-30 ha. plantation; One more Watcher 8017 x 9 = 72153 / 4.356 = 16564/- Unit Rate for 2018 -19 Unit Rate for 2019 -20 | 50% of rate of rear and 100% Transportar 333 333 333 1666 1666 1666 | of original pi 6 during ma tion and into prescribe 5.31 218.10 141.67 436.48 2.00 39.18 124.67 654.75 | itting rate du intenance ye. ernal transported above. 1 100 100 100 100 100 100 100 100 100 | ring raising ars. Planting, rtation as 1767 726 472 1453 3332 653 2077 10908 3401 3643 16564 450688 |
| 02.09.15 02.09.16 02.09.11 02.09.19 02.09.20 02.09.22 | Replacement of Casualties 20% during Raising & 25% in 1st year (In case of Eucalyptus 10% during raising and no causality replacement for further maintenance) © Digging of 60 cm cube size pits - Half of the rate of Rs.9.28 *1.333*1.333*1.333 (Rate for 45 cm cube pit - Rs.9.28 per pit) Transportation Internal Transportation Planting in 60 cm³ Pit (for 45 cm3 pit - Rs.381.54) Cost of DAP @25gm / planting point Application of fertilizer in August (30 days after planting) by making 3 holes of 10 cm depth with crow bar holes at a distance of 10 cm away from plant and putting fertilizers & closing. a) Circular weeding to a radius of 0.50 m around the plant (during July - Aug) b) Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (during Nov - Dec.) (b) Inter ploughing with heavy duty tractor of 55 HP to a depth of 30 cm in Hard Gravelly Soils Uprootal of Mahaveera Weed Cost of Protection: One Watcher is allowed for 10-30 ha. plantation; One more Watcher 8017 x 9 = 72153 / 4.356 = 16564/- Unit Rate for 2018 -19 Unit Rate for 2020 -21 | 50% of rate of rear and 100% Transportar 333 333 333 1666 1666 1666 | of original pi 6 during ma tion and into prescribe 5.31 218.10 141.67 436.48 2.00 39.18 124.67 654.75 | itting rate du intenance ye. ernal transported above. 1 100 100 100 100 100 100 100 100 100 | ring raising ars. Planting, rtation as 1767 726 472 1453 3332 653 2077 10908 3401 3643 16564 409716 450688 495756 |
| 02.09.15 02.09.16 02.09.11 02.09.19 02.09.20 02.09.22 | Replacement of Casualties 20% during Raising & 25% in 1st year (In case of Eucalyptus 10% during raising and no causality replacement for further maintenance) © Digging of 60 cm cube size pits - Half of the rate of Rs.9.28 *1.333*1.333*1.333 *1.333 (Rate for 45 cm cube pit - Rs.9.28 per pit) Transportation Internal Transportation Planting in 60 cm³ Pit (for 45 cm3 pit - Rs.381.54) Cost of DAP @25gm / planting point Application of fertilizer in August (30 days after planting) by making 3 holes of 10 cm depth with crow bar holes at a distance of 10 cm away from plant and putting fertilizers & closing. a) Circular weeding to a radius of 0.50 m around the plant (during July - Aug) b) Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (during Nov - Dec.) (b) Inter ploughing with heavy duty tractor of 55 HP to a depth of 30 cm in Hard Gravelly Soils Uprootal of Mahaveera Weed Cost of Protection: One Watcher is allowed for 10-30 ha. plantation; One more Watcher 8017 x 9 = 72153 / 4.356 = 16564/- Unit Rate for 2018 -19 Unit Rate for 2020 -21 Unit Rate for 2021 -22 | 50% of rate of rear and 100% Transportar 333 333 333 1666 1666 1666 | of original pi 6 during ma tion and into prescribe 5.31 218.10 141.67 436.48 2.00 39.18 124.67 654.75 | itting rate du intenance ye. ernal transported above. 1 100 100 100 100 100 100 100 100 100 | ring raising ars. Planting, rtation as 1767 726 472 1453 3332 653 2077 10908 3401 3643 16564 409716 450688 495756 545332 |
| 02.09.15 02.09.16 02.09.11 02.09.19 02.09.20 02.09.22 | Replacement of Casualties 20% during Raising & 25% in 1st year (In case of Eucalyptus 10% during raising and no causality replacement for further maintenance) © Digging of 60 cm cube size pits - Half of the rate of Rs.9.28 *1.333*1.333*1.333 (Rate for 45 cm cube pit - Rs.9.28 per pit) Transportation Internal Transportation Planting in 60 cm³ Pit (for 45 cm3 pit - Rs.381.54) Cost of DAP @25gm / planting point Application of fertilizer in August (30 days after planting) by making 3 holes of 10 cm depth with crow bar holes at a distance of 10 cm away from plant and putting fertilizers & closing. a) Circular weeding to a radius of 0.50 m around the plant (during July - Aug) b) Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (during Nov - Dec.) (b) Inter ploughing with heavy duty tractor of 55 HP to a depth of 30 cm in Hard Gravelly Soils Uprootal of Mahaveera Weed Cost of Protection: One Watcher is allowed for 10-30 ha. plantation; One more Watcher 8017 x 9 = 72153 / 4.356 = 16564/- Unit Rate for 2018 -19 Unit Rate for 2020 -21 Unit Rate for 2021 -22 Unit Rate for 2022 -23 | 50% of rate of rear and 100% Transportar 333 333 333 1666 1666 1666 | of original pi 6 during ma tion and into prescribe 5.31 218.10 141.67 436.48 2.00 39.18 124.67 654.75 | itting rate du intenance ye. ernal transported above. 1 100 100 100 100 100 100 100 100 100 | ring raising ars. Planting, rtation as 1767 726 472 1453 3332 653 2077 10908 3401 3643 16564 450688 495756 545332 599865 |
| 02.09.15 02.09.16 02.09.11 02.09.19 02.09.20 02.09.22 | Replacement of Casualties 20% during Raising & 25% in 1st year (In case of Eucalyptus 10% during raising and no causality replacement of further maintenance) © Digging of 60 cm cube size pits - Half of the rate of Rs.9.28 *1.333*1.333*1.333 (Rate for 45 cm cube pit - Rs.9.28 per pit) Transportation Internal Transportation Planting in 60 cm³ Pit (for 45 cm3 pit - Rs.381.54) Cost of DAP @25gm / planting point Application of fertilizer in August (30 days after planting) by making 3 holes of 10 cm depth with crow bar holes at a distance of 10 cm away from plant and putting fertilizers & closing. a) Circular weeding to a radius of 0.50 m around the plant (during July - Aug) b) Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (during Nov - Dec.) (b) Inter ploughing with heavy duty tractor of 55 HP to a depth of 30 cm in Hard Gravelly Soils Uprootal of Mahaveera Weed Cost of Protection: One Watcher is allowed for 10-30 ha. plantation; One more Watcher 8017 x 9 = 72153 / 4.356 = 16564/- Unit Rate for 2018 -19 Unit Rate for 2020 -21 Unit Rate for 2021 -22 Unit Rate for 2022 -23 Unit Rate for 2023 -24 | 50% of rate of rear and 100% Transportar 333 333 333 1666 1666 1666 | of original pi 6 during ma tion and into prescribe 5.31 218.10 141.67 436.48 2.00 39.18 124.67 654.75 | itting rate du intenance ye. ernal transported above. 1 100 100 100 100 100 100 100 100 100 | ring raising ars. Planting, rtation as 1767 726 472 1453 3332 653 2077 10908 3401 3643 16564 450688 495756 545332 599865 659852 |
| 02.09.15 02.09.16 02.09.11 02.09.19 02.09.20 02.09.22 | Replacement of Casualties 20% during Raising & 25% in 1st year (In case of Eucalyptus 10% during raising and no causality replacement of further maintenance) © Digging of 60 cm cube size pits - Half of the rate of Rs.9.28 *1.333*1.333*1.333 (Rate for 45 cm cube pit - Rs.9.28 per pit) Transportation Internal Transportation Planting in 60 cm³ Pit (for 45 cm3 pit - Rs.381.54) Cost of DAP @25gm / planting point Application of fertilizer in August (30 days after planting) by making 3 holes of 10 cm depth with crow bar holes at a distance of 10 cm away from plant and putting fertilizers & closing. a) Circular weeding to a radius of 0.50 m around the plant (during July - Aug) b) Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (during Nov - Dec.) (b) Inter ploughing with heavy duty tractor of 55 HP to a depth of 30 cm in Hard Gravelly Soils Uprootal of Mahaveera Weed Cost of Protection: One Watcher is allowed for 10-30 ha. plantation; One more Watcher 8017 x 9 = 72153 / 4.356 = 16564/- Unit Rate for 2018 -19 Unit Rate for 2020 -21 Unit Rate for 2022 -23 Unit Rate for 2023 -24 Unit Rate for 2024 -25 | 50% of rate of rear and 100% Transportar 333 333 333 1666 1666 1666 | of original pi 6 during ma tion and into prescribe 5.31 218.10 141.67 436.48 2.00 39.18 124.67 654.75 | itting rate du intenance ye. ernal transported above. 1 100 100 100 100 100 100 100 100 100 | ring raising ars. Planting, rtation as 1767 726 472 1453 3332 653 2077 10908 3401 3643 16564 495756 545332 599865 659852 725837 |
| 02.09.15 02.09.16 02.09.11 02.09.19 02.09.20 02.09.22 | Replacement of Casualties 20% during Raising & 25% in 1st year (In case of Eucalyptus 10% during raising and no causality replacement of further maintenance) © Digging of 60 cm cube size pits - Half of the rate of Rs.9.28 *1.333*1.333*1.333 (Rate for 45 cm cube pit - Rs.9.28 per pit) Transportation Internal Transportation Planting in 60 cm³ Pit (for 45 cm3 pit - Rs.381.54) Cost of DAP @25gm / planting point Application of fertilizer in August (30 days after planting) by making 3 holes of 10 cm depth with crow bar holes at a distance of 10 cm away from plant and putting fertilizers & closing. a) Circular weeding to a radius of 0.50 m around the plant (during July - Aug) b) Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (during Nov - Dec.) (b) Inter ploughing with heavy duty tractor of 55 HP to a depth of 30 cm in Hard Gravelly Soils Uprootal of Mahaveera Weed Cost of Protection: One Watcher is allowed for 10-30 ha. plantation; One more Watcher 8017 x 9 = 72153 / 4.356 = 16564/- Unit Rate for 2018 -19 Unit Rate for 2020 -21 Unit Rate for 2021 -22 Unit Rate for 2022 -23 Unit Rate for 2023 -24 Unit Rate for 2024 -25 Unit Rate for 2025 -26 | 50% of rate of rear and 100% Transportar 333 333 333 1666 1666 1666 | of original pi 6 during ma tion and into prescribe 5.31 218.10 141.67 436.48 2.00 39.18 124.67 654.75 | itting rate du intenance ye. ernal transported above. 1 100 100 100 100 100 100 100 100 100 | ring raising ars. Planting, rtation as 1767 726 472 1453 3332 653 2077 10908 3401 3643 16564 450688 495756 545332 599865 659852 725837 798421 |
| 02.09.15 02.09.16 02.09.11 02.09.19 02.09.20 02.09.22 | Replacement of Casualties 20% during Raising & 25% in 1st year (In case of Eucalyptus 10% during raising and no causality replacement of further maintenance) © Digging of 60 cm cube size pits - Half of the rate of Rs.9.28 *1.333*1.333*1.333 (Rate for 45 cm cube pit - Rs.9.28 per pit) Transportation Internal Transportation Planting in 60 cm³ Pit (for 45 cm3 pit - Rs.381.54) Cost of DAP @25gm / planting point Application of fertilizer in August (30 days after planting) by making 3 holes of 10 cm depth with crow bar holes at a distance of 10 cm away from plant and putting fertilizers & closing. a) Circular weeding to a radius of 0.50 m around the plant (during July - Aug) b) Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (during Nov - Dec.) (b) Inter ploughing with heavy duty tractor of 55 HP to a depth of 30 cm in Hard Gravelly Soils Uprootal of Mahaveera Weed Cost of Protection: One Watcher is allowed for 10-30 ha. plantation; One more Watcher 8017 x 9 = 72153 / 4.356 = 16564/- Unit Rate for 2018 -19 Unit Rate for 2020 -21 Unit Rate for 2022 -23 Unit Rate for 2023 -24 Unit Rate for 2024 -25 | 50% of rate of rear and 100% Transportar 333 333 333 1666 1666 1666 | of original pi 6 during ma tion and into prescribe 5.31 218.10 141.67 436.48 2.00 39.18 124.67 654.75 | itting rate du intenance ye. ernal transported above. 1 100 100 100 100 100 100 100 100 100 | ring raising ars. Planting, rtation as 1767 726 472 1453 3332 653 2077 10908 3401 3643 |

Forset Range Officer Sangareddy



Unit Cost for 1st Year Maintenance of NTSH Plantation (3m X 2 m) SMM per Ha

| | | Unit Rate per Ha | | | | |
|----------|---|---------------------|--|--------------------------|----------------------------|--|
| FSR Code | Item of work | Qty | Rate (Rs.) | Per | Amount (Rs.) | |
| 1 | 2 | 4 | 5 | 6 | 7 | |
| 02.10.01 | Replacement of Casualties 25% during Raising & 25% in 1st year (In case oif Eucalyptus 10% during raising and no casuality replacement for further maintenance) - 25% proposed | raising years. P | f rate of orig year and 100 lanting, Tran Isportation a | 0% during masportation a | aintenance and internal | |
| 02.09.06 | © Digging of 60 cm cube size pits - Half of the rate of Rs.9.28 *1.333*1.333*1.333 (Rate for 45 cm cube pit - Rs.9.28 per pit) | 417 | 10.990 | 1 | 458 | |
| | Purchase of Tall Plants | 420 | 150.000 | | 6300 | |
| 02.09.07 | Transportation up 5km | 417 | 173.49 | 100 | 72 | |
| 02.09.08 | Transportation beyond 5 Km (25 - 5) = 20 KM | 417 | 135.00 | | 56 | |
| 02.09.10 | Internal Transportation | 417 | 123.84 | 100 | 51 | |
| 02.09.13 | Planting in 60 cm ³ Pit (for 45 cm3 pit - Rs.381.54) | 417 | 903.71 | 100 | 376 | |
| 02.15.13 | Watering to the plants- 4 waterings | 1666 | 924.00 | 100 | 1539 | |
| 02.09.16 | Cost of DAP @25gm / planting point-50% of raising cost | 1666 | 1.00 | 1 | 166 | |
| 02.09.11 | Application of fertilizer in August (30 days after planting) by making 3 holes of 10 cm depth with crow bar holes at a distance of 10 cm away from plant and putting fertilizers & closing 50% of rate | 1666 | 17.13 | 100 | 28 | |
| 02.10.02 | Circular weeding to a radius of 0.50 m around the plant during raising year (July - Aug) | 1666 | 108.98 | 100 | 181 | |
| 02.10.03 | Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant during Nov - Dec | 1666 | 572.33 | 100 | 953 | |
| 02.10.04 | Uprootal of Mahaveera (70% of the area) | 0.7 | 3184.10 | На | 222 | |
| 02.10.05 | Inter-ploughing (during September) the effective plantation area (excluding unsuitable patches) across the slope to a depth of 30 cm with Heavy-duty Tractor of 55 HP and above with Firm Mould Board (FMB) plough. | 1 | 2048.90 | | 204 | |
| 02.10.06 | Pruning of flower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be done during July - Aug) | 1666 | 108.35 | 100 | 180 | |
| 02.10.09 | Cost of Protection: One Watcher is allowed for 10-30 ha. plantation; One more Watcher $8017 \times 12 = 96204 / 4.356 = 22085/$ | 1 | 22085.00 | На | 2208 | |
| | Unit Rate for 2018 -19 | | | | 13001 | |
| | Unit Rate for 2019 -20 | | | | 14301 | |
| | Unit Rate for 2020 -21 | | | | 15732 | |
| | Unit Rate for 2021 -22 | | | | 17305 | |
| | Unit Rate for 2022 -23 | | | | 19035 | |
| | Unit Rate for 2023 -24 | | | | 20939 | |
| | Unit Rate for 2024 -25 | | | | 23033 | |
| | | | | | | |
| | Unit Rate for 2025 -26 | | | | 25336 | |
| | Unit Rate for 2026 -27 | | | | 27870 | |
| | Unit Rate for 2027 -28 | | | | 30657 | |
| | Unit Rate for 2028 -29 | | 10 00 | | 33723 | |

Forset Range Officer Sangareddy

Unit Cost for 2nd Year Maintenance of NTSH Plantation (3 m X 2 m) SMM per Ha

Unit Rate per Ha FSR Code Item of work Rate (Rs.) Qty Per Amount (Rs.) 5 6 02.10.01 Replacement of Casualties 25% during Raising & 25% 50% of rate of original pitting rate during in 1st year (In case oif Eucalyptus 10% during raising raising year and 100% during maintenance and no casuality replacement for further maintenance) years. Planting, Transportation and internal 5% proposed transportation as prescribed above. 02.09.06 © Digging of 60 cm cube size pits - Half of the rate of 83 10.990 912 Rs.9.28 *1.333*1.333*1.333 (Rate for 45 cm cube pit -Rs.9.28 per pit) 02.09.07 Transportation up 5km 173.49 83 100 144 02.09.08 Transportation beyond 5 Km (25 - 5) = 20 KM 83 135.00 100 112 02.09.10 Internal Transportation 123.84 83 100 103 02.09.13 Planting in 60 cm³ Pit (for 45 cm3 pit - Rs.381.54) 83 903.71 100 750 02.10.05 Inter-ploughing (during September) the effective 2048.90 На 2049 plantation area (excluding unsuitable patches) across the slope to a depth of 30 cm with Heavy-duty Tractor of 55 HP and above with Firm Mould Board (FMB) plough. 02.11.01 Circular weeding cum Deep soil working to a radius of 1666 572.33 100 9535.00 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (July-Aug) 02.11.02 Pruning of flower branch initials of Timber and NTFP 1666 108.35 100 1805.00 species by scicature upto 1/3 rd height (to be done during July - Auf) 02.01.03 Formation of Sector Lines / Fire Lines to a width of 3 m 100 5.33 Rmt 533 by giving surface treatment (sector to be in conformity with slope direction). All stumps to be cut to ground level. Uprootal of Mahaveera (60% of the area) 02.10.04 0.6 3184.10 Ha 1910 02.11.05 Cost of Protection: One Watcher is allowed for 10-30 22085.00 Ha 22085.00 ha. plantation; One more Watcher 8017 x 12 = 96204 / 4.356 = 22085/-Unit Rate for 2018 -19 39938 Unit Rate for 2019 -20 43932 Unit Rate for 2020 -21 48325 Unit Rate for 2021 -22 53157 Unit Rate for 2022 -23 58473 Unit Rate for 2023 -24 64321

Unit Rate for 2024 -25

Unit Rate for 2025 -26

Unit Rate for 2026 -27

Unit Rate for 2027 -28

Unit Rate for 2028 -29

ISTRICT FOREST OFFICER
SANGAREDDY

Forset Range Officer Sangareddy 70753

77828

85611

94172

103589

Unit Cost for 3rd Year Maintenance of NTSH Plantation (3m X 2m) SMM per Ha

Unit Rate per Ha

| | Unit Rate per Ha | | | | | | |
|----------|---|------|------------|---------|--------------|--|--|
| FSR Code | Item of work | Qty | Rate (Rs.) | Per | Amount (Rs.) | | |
| 1 | 2 | 4 | 5 | 6 | 7 | | |
| 02.11.01 | Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pickaxe only) without damaging the plant. (July-Aug) | 1666 | 572.33 | 100 | 9535 | | |
| 02.11.02 | Pruning of flower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be done during July - Aug) | 1666 | 108.35 | 100 | 1805 | | |
| 03.05.01 | Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - propotionate cost - 0.60 times | 100 | 318.29 | 100 Rmt | 318 | | |
| 02.11.05 | Cost of Protection: One Watcher is allowed for 10-30 ha. plantation; One more Watcher 8017 x 12 = 96204 / 4.356 = 22085/- | 1 | 22085.00 | На | 22085 | | |
| | Unit Rate for 2018 -19 | | | | 33743 | | |
| | Unit Rate for 2019 -20 | | | | 37118 | | |
| | Unit Rate for 2020 -21 | | | | 40829 | | |
| | Unit Rate for 2021 -22 | | | | 44912 | | |
| | Unit Rate for 2022 -23 | | | | 49404 | | |
| | Unit Rate for 2023 -24 | | | | 54344 | | |
| | Unit Rate for 2024 -25 | | | | 59778 | | |
| | Unit Rate for 2025 -26 | | | | 65756 | | |
| | Unit Rate for 2026 -27 | | | | 72332 | | |
| | Unit Rate for 2027 -28 | | | | 79565 | | |
| | Unit Rate for 2028 -29 | | | | 87521 | | |

Forset Range Officer Sangareddy

Unit Cost for 4th Year Maintenance of NTSH Plantation (3m X 2m) SMM per Ha

Unit Rate per Ha

| | Unit Rate per Ha | | | | | | | |
|----------|---|------|------------|---------|--------------|--|--|--|
| FSR Code | Item of work | Qty | Rate (Rs.) | Per | Amount (Rs.) | | | |
| 1 | 2 | 4 | 5 | 6 | 7 | | | |
| 02.11.01 | Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pickaxe only) without damaging the plant. (July-Aug) | 1666 | 572.33 | 100 | 9535 | | | |
| 02.11.02 | Pruning of flower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be done during July - Aug) | 1666 | 108.35 | 100 | 1805 | | | |
| 03.05.01 | Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - propotionate cost - 0.60 times | 100 | 318.29 | 100 Rmt | 318 | | | |
| 02.11.05 | Cost of Protection: One Watcher is allowed for 10-30 ha. plantation; One more Watcher 8017 x 12 = 96204 / 4.356 = 22085/- | 1 | 22085.00 | На | 22085 | | | |
| | Unit Rate for 2018 -19 | | | | 33743 | | | |
| | Unit Rate for 2019 -20 | | | | 37118 | | | |
| | Unit Rate for 2020 -21 | | | | 40829 | | | |
| | Unit Rate for 2021 -22 | | | | 44912 | | | |
| | Unit Rate for 2022 -23 | | | | 49404 | | | |
| | Unit Rate for 2023 -24 | | | | 54344 | | | |
| | Unit Rate for 2024 -25 | 4. | | | 59778 | | | |
| | Unit Rate for 2025 -26 | | | | 65756 | | | |
| | Unit Rate for 2026 -27 | | | | 72332 | | | |
| | Unit Rate for 2027 -28 | | | | 79565 | | | |
| | Unit Rate for 2028 -29 | | | | 87521 | | | |

Forset Range Officer Sangareddy

Unit Cost for 5th Year Maintenance of NTSH Plantation (3m X 2m) SMM per Ha

Unit Rate per Ha

| FSR Code | Item of work | Qty | Rate (Rs.) | Per | Amount (Rs.) |
|----------|---|------|------------|------------|--------------|
| 1 | 2 | 4 | 5 | 6 | 7 |
| 02.11.01 | Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick axe only) without damaging the plant. (July-Aug)-the work will be carried out between 1 m to 1.1 m in a ring formation- Hence 25% of cost adopted | 1666 | 143.08 | 100 | 2384 |
| 03.05.01 | Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - propotionate cost - 0.60 times | 100 | 318.29 | 100 Rmt | 318 |
| | Unit Rate for 2018 -19 | | | | 2702 |
| | Unit Rate for 2019 -20 | | | | 2973 |
| | Unit Rate for 2020 -21 | | | | 3270 |
| | Unit Rate for 2021 -22 | | | | 3597 |
| | Unit Rate for 2022 -23 | | | | 3956 |
| | Unit Rate for 2023 -24 | | | | 4352 |
| | Unit Rate for 2024 -25 | | | | 4787 |
| | Unit Rate for 2025 -26 | | | | 5266 |
| | Unit Rate for 2026 -27 | | | | 5793 |
| | Unit Rate for 2027 -28 | | | | 6372 |
| | Unit Rate for 2028 -29 | | | | 7009 |

Forset Range Officer Sangareddy

Unit Cost for 6th Year Maintenance of NTSH Plantation (3m X 2m) SMM per Ha

Unit Rate per Ha

| FSR Code | Item of work | Qty | Rate (Rs.) | Per | Amount (Rs.) |
|----------|---|------|------------|---------|--------------|
| 1 | 2 | 4 | 5 | 6 | 7 |
| 02.11.02 | Pruning of flower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be done during July - Aug) | 1666 | 108.35 | 100 | 1805 |
| 03.05.01 | Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - propotionate cost - 0.60 times | 100 | 318.29 | 100 Rmt | 318 |
| | Unit Rate for 2018 -19 | | | | 2123 |
| | Unit Rate for 2019 -20 | | | | 2336 |
| | Unit Rate for 2020 -21 | | | | 2569 |
| | Unit Rate for 2021 -22 | | | | 2826 |
| | Unit Rate for 2022 -23 | | | | 3109 |
| | Unit Rate for 2023 -24 | | | | 3420 |
| | Unit Rate for 2024 -25 | | | | 3762 |
| | Unit Rate for 2025 -26 | | | | 4138 |
| | Unit Rate for 2026 -27 | | | | 4551 |
| | Unit Rate for 2027 -28 | | | | 5007 |
| | Unit Rate for 2028 -29 | | | | 5507 |

Forset Range Officer Sangareddy

Unit Cost for 7th Year Maintenance of NTSH Plantation (3m X 2m) SMM per Ha

Unit Rate per Ha

| | Unit Rate per Ha | | | | | | |
|----------|---|------|------------|---------|--------------|--|--|
| FSR Code | Item of work | Qty | Rate (Rs.) | Per | Amount (Rs.) | | |
| 1 | 2 | 4 | 5 | 6 | 7 | | |
| 02.11.01 | Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick axe only) without damaging the plant. (July-Aug)-the work will be carried out between 1 m to 1.1 m in a ring formation- Hence 25% of cost adopted | 1666 | 143.08 | 100 | 2384 | | |
| 03.05.01 | Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - propotionate cost - 0.60 times | 100 | 318.29 | 100 Rmt | 318 | | |
| | Unit Rate for 2018 -19 | | | | 2702 | | |
| | Unit Rate for 2019 -20 | | | | 2973 | | |
| | Unit Rate for 2020 -21 | | | | 3270 | | |
| | Unit Rate for 2021 -22 | | | | 3597 | | |
| | Unit Rate for 2022 -23 | | | | 3956 | | |
| | Unit Rate for 2023 -24 | | | | 4352 | | |
| | Unit Rate for 2024 -25 | | | | 4787 | | |
| | Unit Rate for 2025 -26 | | | | 5266 | | |
| | Unit Rate for 2026 -27 | | 40 | | 5793 | | |
| | Unit Rate for 2027 -28 | | | | 6372 | | |
| | Unit Rate for 2028 -29 | | | | 7009 | | |
| | Unit Rate for 2029-30 | | | | 7710 | | |

Forset Range Officer Sangareddy

Unit Cost for 8th Year Maintenance of NTSH Plantation (3m X 2m) SMM per Ha

Unit Rate per Ha

| FOR C : | | | e per ma | | |
|----------|---|------|------------|---------|--------------|
| FSR Code | Item of work | Qty | Rate (Rs.) | Per | Amount (Rs.) |
| 1 | 2 | 4 | 5 | 6 | 7 |
| 02.11.02 | Pruning of flower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be done during July - Aug) | 1666 | 108.35 | 100 | 1805 |
| 03.05.01 | Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - propotionate cost - 0.60 times | 100 | 318.29 | 100 Rmt | 318 |
| | Unit Rate for 2018 -19 | | | | 2123 |
| | Unit Rate for 2019 -20 | | | | 2336 |
| | Unit Rate for 2020 -21 | | | | 2569 |
| | Unit Rate for 2021 -22 | | | | 2826 |
| | Unit Rate for 2022 -23 | | | | 3109 |
| | Unit Rate for 2023 -24 | | | | 3420 |
| | Unit Rate for 2024 -25 | | | | 3762 |
| | Unit Rate for 2025 -26 | | | | 4138 |
| | Unit Rate for 2026 -27 | | | | 4551 |
| | Unit Rate for 2027 -28 | | | | 5007 |
| | Unit Rate for 2028 -29 | | | | 5507 |
| | Unit Rate for 2029-30 | | | | 6058 |

Forset Range Officer Sangareddy

DISTRICT FOREST OFFICER

Unit Cost for 9th Year Maintenance of NTSH Plantation (3m X 2m) SMM per Ha

Unit Rate per Ha

| | Unit kate per ha | | | | | |
|----------|---|------|------------|---------|-----------------|--|
| FSR Code | Item of work | Qty | Rate (Rs.) | Per | Amount (Rs.) | |
| 1 | 2 | 4 | 5 | 6 | 7 | |
| 02.11.01 | Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick axe only) without damaging the plant. (July-Aug)-the work will be carried out between 1 m to 1.1 m in a ring formation- Hence 25% of cost adopted | 1666 | 143.08 | 100 | 2384 | |
| 03.05.01 | Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - propotionate cost - 0.60 times | 100 | 318.29 | 100 Rmt | 318 | |
| | Unit Rate for 2018 -19 | | | | 2702 | |
| | Unit Rate for 2019 -20 | | | 37 | 2973 | |
| | Unit Rate for 2020 -21 | | | | 3270 | |
| | Unit Rate for 2021 -22 | | | | 3597 | |
| | Unit Rate for 2022 -23 | | | | 3956 | |
| | Unit Rate for 2023 -24 | | | | 4352 | |
| | Unit Rate for 2024 -25 | | | | 4787 | |
| | Unit Rate for 2025 -26 | | | | 5266 | |
| | Unit Rate for 2026 -27 | | | | 5793 | |
| | Unit Rate for 2027 -28 | | | | 6372 | |
| | Unit Rate for 2028 -29 | | | | 7009 | |
| | Unit Rate for 2029-30 | | | | 7710 | |

Forset Range Officer Sangareddy

Unit Cost for 10th Year Maintenance of NTSH Plantation (3m X 3m) SMM per Ha

Unit Rate per Ha

| FSR Code | Item of work | Qty | Rate (Rs.) | Per | Amount (Rs.) |
|----------|---|------|------------|------------|--------------|
| 1 | 2 | 4 | 5 | 6 | 7 |
| 02.11.02 | Pruning of flower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be done during July - Aug) | 1666 | 108.35 | 100 | 1805 |
| 03.05.01 | Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - propotionate cost - 0.60 times | 100 | 318.29 | 100 Rmt | 318 |
| | Unit Rate for 2018 -19 | | | | 2123 |
| | Unit Rate for 2019 -20 | | | | 2336 |
| | Unit Rate for 2020 -21 | | | | 2569 |
| | Unit Rate for 2021 -22 | | | | 2826 |
| | Unit Rate for 2022 -23 | | | | 3109 |
| | Unit Rate for 2023 -24 | | | | 3420 |
| | Unit Rate for 2024 -25 | | | | 3762 |
| | Unit Rate for 2025 -26 | | | | 4138 |
| | Unit Rate for 2026 -27 | | | | 4551 |
| | Unit Rate for 2027 -28 | | | | 5007 |
| | Unit Rate for 2028 -29 | | | | 5507 |
| | Unit Rate for 2029-30 | | | | 6058 |
| | Unit Rate for 2030-31 | | | | 6664 |

Forset Range Officer Sangareddy

SANGAREDDY