

1587847/2022/O/o PRINCIPAL CHIEF CONSERVATOR OF FORESTS TELANGANA

Unit Cost for Raising of Misc., Nursery for the year 2022-23 as per FSR 2022-23

| Sl. No. | FSR Code No. | Item of work | Qty | Rate in Rs. | | | Per | Amount |
|---------------------------------------------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------------------------------------------------------------------------------|-----------------------|---------|---------------|----------|
| | | | | As per FSR | Agency allowance 7.5% | Total | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 26 | 01.03.19 | CONVERSION of Root Trainer plants or 4"x7" or 5"x9" bag-plants into higher size bags - to be done during September - October. At the time of conversion, the height of the plants should be at least above 0.45m in height (excluding the height | | | | | | |
| | 01.03.20 | Cost and Transport of ingredients for Potting Mixture: Red Soil, tank-silt / clayey soil, FYM in 2:1:1 ratio. To this soil mixture, 220 gm of Indophyll M-45, 4.5 kg of single super phosphate (SSP) and 250 gm of phorate granules per 1 cum of potting mixture will be added. Cost of chemicals is as per actuals. | | | | | | |
| | 01.03.21 | Cost & Transportation of soil mixture ingredients up to a distance of 5 km | | | | | | |
| | | Distance up to 5 km | | | | | | |
| | h | (h) 6" x 8" to 9" x 11" bags (4.717 - 1.433 = 3.284 cum) | 500 Nos | 1378.45 | 0.00 | 1378.45 | 1000 Nos | 689.23 |
| | 01.03.22 | Transportation of soil mixture ingredients more than 5 km distance and upto 25 km distance (15 Kms) | | | | | | |
| | j | (j) 6" x 8" to 9" x 11" bags (4.717 - 1.433 = 3.284 cum) | 500 Nos | 36.50 | 0.00 | 36.50 | 1000 Nos | 182.50 |
| | | Cost of Polybags (including the cost of certification by): To ensure quality control, the quality of bags have to be certified by CIPET (Central Institute of Plastic Engineering & Technology), Hyderabad at the cost of tenderer by taking samples from various lots of | | | | | | |
| | 01.03.03 | 23 cm x 28 cm (9" x 11") size bags of 400 g: 83 bags / km | 6.63 Kgs | 168.00 | 0.00 | 168.00 | 1 Kg | 1113.84 |
| | 01.03.24 | Preparation of Potting Mixture by powdering of various ingredients, sieving and mixing them in prescribed proportion; opening of bags and filling with potting mixture partially, tearing the polybag plants and repotting them inside bigger bags and filling the rest of bags; gently pressing the same with finger tips and arranging in beds of 10x1 m size (6"x12" size: 1100 bag plants / bed and 8"x12" size": 800 bag plants per | | | | | | |
| | e | (h) 6" x 8" to 9" x 11" bags (4.717 - 1.433 = 3.284 cum) | 500 Nos | 2387.22 | 596.81 | 2984.03 | 1000 Nos | 1492.02 |
| | 01.03.30 | Stakes to be provided to plants in 8"x12", 9"x11", 10"x16" and 12"x13" bags with a minimum 1.50 mtr height | 500 Nos | 5512.50 | 1378.13 | 6890.63 | 1000 Nos | 3445.32 |
| | 01.03.31 | Weeding the plants (1100 no. of 6"x12"bags; 800 no. of 8"x12" bags; and 400 no. of 10"x16" bags; 300 Nos of 12"x13" bags) | | | | | | |
| | | a) If the Conversion of small size bags into bigger size bag is done during May - June | | | | | | |
| | | (i) 1st weeding - August | 1 Bed | 58.05 | 14.51 | 72.56 | 1 Bed | 72.56 |
| | | (ii) 2nd Weeding - October | 1 Bed | 58.05 | 14.51 | 72.56 | 1 Bed | 72.56 |
| | | (iii) 3rd weeding - December | 1 Bed | 58.05 | 14.51 | 72.56 | 1 Bed | 72.56 |
| | | (iv) 4th weeding - February | 1 Bed | 58.05 | 14.51 | 72.56 | 1 Bed | 72.56 |
| | 01.03.32 | Shifting, Grading and rearranging in secondary beds - One Grading in February 1st shifting and grading after every two months till the summer stock is lifted | 1 Bed | 271.17 | 67.79 | 338.96 | 1 Bed/Weeding | 338.96 |
| | 01.03.33 | Watering the plants manually twice a day (from Novemembr - March) with rose spray or finely perforated nozzle attached to a hose pipe | | | | | | |
| | | Watering from June - September (50% of the existing rate) | | | | | | |
| | i | Manually with rose spray or finely perforated nozzle attached to a hose pipe | 1 Bed | 316.21 | 79.05 | 395.26 | 1 Bed/month | 1976.30 |
| | | Watering from September - March | | | | | | |
| | i | (i) Manually with rose cans or finely perforated nozzle attached to a hose pipe | 1 Bed | 316.21 | 79.05 | 395.26 | 1 Bed/month | 1976.30 |
| 23 | 01.03.35 | Cost of foliar nutrient formulations like multiplex or NPK-19:19:19; fungicides and insecticides from Dec to March | 1 Bed | As per actuals with a maximum limit of Rs. 2000/ per 1 lakh polybag seedlings. | | | | 10.00 |
| | 01.03.36 | Contingencies for Raising Year towards the expenditure like cost of hose pipe, nursery boards, (store register for materials purchased to be maintained.) | | As per actuals, subject to max. of 3% of estimate in raising year | | | | 345.00 |
| | 01.03.37 | Contingencies for Electricity charges, Running & maintenance charges of oil engine (bills to be certified by DEO / FDO and a separate log book to be maintained) | | As per Actuals | | | | 350.00 |
| 24 | 01.05.04 | Cost of Protection: One Nursery Watcher is allowed up to 1 lakh RT nursery or 100 secondary beds of polybags / 100 Teak beds of 10 x 1 m size or combination of both. One additional Nursery Watcher is permitted for nurseries having more than 1 lakh upto 3 lakh RT seedlings or more than 100 upto 300 secondary beds or Teak beds of 10 x 1 m size or combination of both. For more than 3 lakh RT or 300 secondary beds of Teak beds combination of both another additional Nursery Watcher is allowed. While calculating the number of Nursery Watcher, care shall be taken to include the nursery raising under all Schemes at a particular site. No extra Nursery Watcher is allowed for primary beds of 1x1 m size. However, the above narrative is subject to the provisions cited under | 1 No. | 10137.32 | | | | 1216.48 |
| S.TOTAL:: | | | | | | | | 13426.19 |
| Conversion Unit Cost Unit Rate as per FSR 2021-22 | | | | | | | | 13426.19 |
| Per seedling | | | | | | | | 26.85 |
| Raising and Conversion Total:: | | | | | | | | 26.85 |

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Mahabubabad

//t.c.b.o//

Superintendent

Unit cost for Maint. Of Bag Plant nursery up to planting season (April to July)

Unit Cost Maintenance of Misc., Bag Plants (9x11) Nursery (Apr to Jul = 4 Months) as per FSR 2022-23

| Sl. No. | FSR Code No. | Item of work | Qty | | Rate in Rs. | | | Per | Amount |
|---------------------------------------|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------|------------------------------------------------|----------------------|--------|-----------------|----------------|
| | | | | | Asper FSR | Agency allowance 25% | Total | | |
| 1 | 2 | 3 | 4 | | 5 | 6 | 7 | 8 | 9 |
| | 01.04.00 | MAINTAINANCE OF BAG PLANTS NURSERY UPTO PLANTING SEASON (APRIL TO AUGUST) for 10 m X 1 m size secondary beds (2600 Nos of 4" X 7" bags; 1700 Nos of 5" X9" bags ; 1100 Nos. of 6"X12" bags; 800 Nos. of 8"X12" bags; 400 Nos. of 10"x16" bags per | | | | | | | |
| 1 | 01.04.01 | Watering polybag secondary beds twice a day for 4 months | | | | | | | |
| | a | Manually with rose cans or finely perforated nozzle attached to a hose pipe | 1 x 4 | Beds x month | 316.14 | 79.04 | 395.18 | 1 Bed/ Month | 1581.00 |
| 2 | 01.04.02 | Weeding once during maintenance year | 1 | Bed | 58.05 | 14.51 | 72.56 | 1 Bed | 73.00 |
| 3 | 01.04.03 | Shifting, grading and re-arranging in beds | 1 x 2 | Beds x shifting | 271.17 | 67.79 | 338.96 | 1 Bed/ shifting | 678.00 |
| | 01.04.05 | Cost of foliar nutrient formulations like NPK-19:19:19; fungicides and insecticides (from April - August) | | | | | | | 22.00 |
| 4 | 01.04.06 | Cowdung Slurry application (One can apply chemical foliar spray or apply cowdung slurry - not both) | | | | | | | |
| | | (a) Cost and transportation of fresh cowdung | 1 | Bed | As per actual subject to maximum of Rs. 2500/- | | | | 27.50 |
| 5 | | (b) Application of cowdung slurry - once per month between April to June - Watering should not be done 12 hours before and after application of cowdung slurry treatment. | | Bed | By Nursery Watcher | | | | 0.00 |
| 6 | 01.04.07 | Weeding in the space between the beds, inspection path and surroundings of Nursery | 1 | Bed | 31.95 | 7.99 | 39.94 | 1 Bed | 40.00 |
| | 01.04.08 | Contingencies for Maintenance Year towards the expenditure like cost of hose pipe, nursery boards, etc (Store register for materials purchased to be maintained) | As per Actual | | | | | | 73.00 |
| | 01.04.09 | Contingencies for Electricity charges, Running & maintenance charges of oil engine (Bills to be certified by DFO / FDO and a separte log book to be maintained for oil engine) | As per Actual | | | | | | 80.00 |
| 7 | 01.05.04 | Cost of Protection: One Nursery Watcher is allowed up to 1 lakh RT nursery or 100 secondary beds of polybags / 100 Teak beds of 10 x 1 m size or combination of both. One additional Nursery Watcher is permitted for nurseries having more than 1 lakh upto 3 lakh RT seedlings or more than 100 upto 300 secondray beds or Teak beds of 10 x 1 m size or combination of both. For more than 3 lakh RT or 300 secodary beds of Teak bedsor combination of both another additional Nursery Watcher is allowed. While calculating the number of Nursery Watcher, care shall be taken to include the nursery raising under all Schemes at a particular site. No extra Nursery Watcher is allowed for primary beds of 1x1 m size. However, the above narrative is subject to the provisions cited under general instructions. | 1 | No. | 10137.32 | | | | 446.04 |
| S.TOTAL:: | | | | | | | | | 3020.54 |
| Unit Rate as per FSR 2021-22:: | | | | | | | | | 3020.54 |
| Unit cost per Seedling | | | | | | | | | 6.04 |

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| Unit Cost Maintenance of Misc., Bag Plants (9x11) Nursery (Aug to mar = 8 Months) as per FSR 2021-22 | | | | | | | | | |
|------------------------------------------------------------------------------------------------------|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----------------|-------------|----------------------|--------|-----------------|----------------|
| Sl. No. | FSR Code No. | Item of work | Qty | | Rate in Rs. | | | Per | Amount |
| | | | | | As per FSR | Agency allowance 25% | Total | | |
| 1 | 2 | 3 | 4 | | 5 | 6 | 7 | 8 | 9 |
| | 1.05.00 | MAINTENANCE OF BAG NURSERY FROM SEPTEMBER ONWARDS TILL DISPOSAL | | | | | | | |
| 1 | 01.05.01 | Watering the plants for 10 m X 1 m size secondary bed | 1 x 8 | Beds x month | 195.29 | 48.82 | 244.11 | 1 Bed/ Month | 1953.00 |
| 2 | 01.05.02 | Shifting, grading and re-arranging in beds 1st shifting and grading after three months and consecutive shifting and grading after every two months till the nursery stock is lifted for 10 m X 1 m size bed - with prior written permission of Circle Head | 1 x 2 | Beds x shifting | 271.17 | 67.79 | 338.96 | 1 Bed/ shifting | 678.00 |
| 3 | 01.05.04 | Cost of Protection: One Nursery Watcher is allowed up to 1 lakh RT nursery or 100 secondary beds of polybags / 100 Teak beds of 10 x 1 m size or combination of both. One additional Nursery Watcher is permitted for nurseries having more than 1 lakh upto 3 lakh RT seedlings or more than 100 upto 300 secondary beds or Teak beds of 10 x 1 m size or combination of both. For more than 3 lakh RT or 300 secondary beds of Teak beds or combination of both another additional Nursery Watcher is allowed. While calculating the number of Nursery Watcher, care shall be taken to include the nursery raising under all Schemes at a particular site. No extra Nursery Watcher is allowed for primary beds of 1x1 m size. However, the above narrative is subject to the provisions cited under general instructions. | 1 No. | | 10137.32 | | | | 385.20 |
| S.TOTAL:: | | | | | | | | | 3016.20 |
| Unit Rate as per FSR 2021-22 | | | | | | | | | 3016.20 |
| Unit cost per Seedling | | | | | | | | | 6.03 |

12.07

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Superintendent

Unit Cost for Advance Operations under Labour Intensive Method as per FSR 2022-23

| Espacement 3 x 3 M | | | | Name of the Species : NTSH | | | | |
|--------------------|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------------------------------------------------|----------------------|----------|---------|-----------------|
| Sl. No. | FSR Code No. | Item of work | Qty | Rate in Rs. | | | Per | Amount |
| | | | | As per FSR | Agency allowance 25% | Total | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 1 | 02.01.01 | Survey with hand-held GPS (staff to carry out) and demarcation - one manday is allowed for assistance. The surveyed sketch with exact effective area statement will be uploaded in MIS platform by end of December. | 1 No. | 412.87 | 0.00 | 412.87 | 1 No. | 413 |
| 2 | 02.01.02 | Clearing unsalable unwanted jungle growth (leaving all the tree species of good form particularly the hardwood tree species like Teak, Nallamaddi, Yegisa, Narepa, Somi, Jitregi, Billudu, Chenangi etc. and NTFP species like Ippa, Morri, Tani, Karaka, Vepa, Maredu, Tapasi, Tuniki, Chinta, Usuri, Nallajeedi etc.); Spreading the cut material all over the site; and Burning the same twice till completely burnt. All the above operations should be completed before December. | | | | | | |
| | b | Very Light Jungle growth (>10% and up to 20% ground area covered with Jungle growth) | 0.5 Ha | 3449.20 | 862.30 | 4311.50 | 1 Ha | 2156 |
| | 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. | 0.5 Ha | 8103.38 | 2025.85 | 10129.23 | 1 Ha | 5065 |
| 3 | | ALIGNMENT & STACKING INCLUDING DEMARCATION OF BASE LINE | | | | | | |
| | 02.01.05 | (b) 3X3 m espacement = 1111 planting points | 1111 Nos | 98.51 | 24.63 | 123.14 | 100 Nos | 1368 |
| | 02.01.04 | Cost of preparation of stakes (0.45 m length) and transportation to site | 1111 Nos | 62.80 | 0.00 | 62.80 | 100 Nos | 698 |
| 4 | | Digging of Pits - Manual (As per RSSR): All efforts shall be made to complete pitting works before March-end. Under exceptional circumstances (if the target of plantation is given in the month of March-April), the pitting can be done during June and July. But any pitting done during June-July, plants can only be planted after the pits are verified by field inspections of FROs and DFOs of proper dimensions to avoid simultaneous pitting and planting which may result in higher percentage of casualties. | | | | | | |
| | | Between January - March | | | | | | |
| | | a) Hard Soil | | | | | | |
| | 02.01.06 | ii) 45 cm3 pits | 1111 Nos | 28.19 | 7.05 | 35.24 | 1 Nos | 39152 |
| | | Digging of Staggered Contour Trenches (SCTs) for impounding rain water - Manual - Size: 3m Length, 0.45 m top-width, 0.30 m bottom-width and 0.45 m depth; earthwork volume per trench: 0.506 cum - Max. of 100 no. per ha. If they are made with machine, the works can be done by calling for tender. However, if they are intended to be done through machine, it has to be informed in advance. All the SCTs shall be completed before January. | | | | | | |
| | 02.01.08 | Between January - March | | | | | | |
| | b | (b) Hard soils like gravel and morum | 50.6 Cum | 361.99 | 90.50 | 452.49 | 1 Cum | 22896 |
| | | | | Total unit rate arrived for the year 2022-23:: | | | | 71748.00 |
| | | | | Unit cost for the year 2022-23: | | | | 78922.80 |

//t.c.b.o//
Superintendent

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(FAC) District Forest Officer
Mahabubabad

Unit Cost for Raising of NTSH Plantations under Labour Intensive Method as per FSR 2022-23

| Espacement 3 x 3 M | | | | Name of the Species : NTSH | | | | |
|--------------------|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------------------------|----------------------|---------|---------|--------|
| Sl. No. | FSR Code No. | Item of work | Qty | Rate in Rs. | | | Per | Amount |
| | | | | Asper FSR | Agency allowance 25% | Total | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| | 02.02.00 | PLANTING OPERATIONS DURING RAISING YEAR | | | | | | |
| | 02.02.01 | Transportation of Planting Stock (including loading and unloading) up to a distance of 5 km | | | | | | |
| | | (d) 23 X 28 cm (9"X11") bag plants | 1111 Nos | 294.83 | 0 | 294.83 | 100 Nos | 3276 |
| 6 | 02.02.02 | Transportation of Planting Stock (including loading and unloading) Total :: 30 KMs | | | | | | |
| | b | (d) 23 X 28 cm (9"X11") bag plants | 1111 Nos | 10.36 | 0 | 10.36 | 100 Nos | 2875 |
| 7 | 02.02.04 | Internal transportation to planting points on head loads | | | | | | |
| | b | (d) 23 X 28 cm (9"X11") bag plants | 1111 Nos | 181.73 | 45.43 | 227.16 | 100 Nos | 2524 |
| 8 | 02.02.05 | Application of 50 gm of SSP per pit (1 day before planting) for root growth and early establishment of plant after planting. ii) Similarly, the bag plants to be planted will be dipped inside Chloropyriphos solution (5ml Chloropyriphos in 1 lit water) either at nursery site before transport or at plantation site before planting | 1111 Nos | 43.29 | 10.82 | 54.11 | 100 Nos | 601 |
| 9 | 02.02.06 | Cost of SSP, Chloridine dust (50 gm) or Chloropyriphos | 56 Kgs | 15.00 | 0.00 | 15.00 | 1 Kg | 840 |
| 10 | | Planting | | | | | | |
| | 02.02.07 | 45 cm ³ | 1111 Nos | 482.33 | 120.58 | 602.91 | 100 Nos | 6698 |
| | 02.02.09 | a) One critical watering after planting if planting takes place on non-rainy days with the prior written permission of DFO / FDO. | 1111 Nos | 292.02 | 73.01 | 365.03 | 100 Nos | 4055 |
| | | b) 2nd watering if dry spell is more than 5-6 days after first watering on the day of planting with the prior written permission of Circle Head. | 1111 Nos | 292.02 | 73.01 | 365.03 | 100 Nos | 4055 |
| 11 | 02.02.10 | Replacement of Casualties: 20% during Raising Year. (In case of Eucalyptus: 10% during raising and no casualty replacement for further maintenance). The casualty replacement should be done in 3 stages at an interval of 15 days immediately after planting during raising year. | | | | | | |
| a) | | Digging of Pits in Ploughed Areas in June - July by adopting 50% of original rate of digging of pits of ordinary soil | | | | | | |
| | 02.01.06 | 45 cm ³ pits | 222 Nos | 28.19 | 7.05 | 35.24 | 1 No | 7823 |
| | 02.02.01 | Transportation of Planting Stock (including loading and unloading) up to a distance of 5 km | | | | | | |
| | | (d) 23 X 28 cm (9"X11") bag plants | 222 Nos | 294.83 | 0 | 294.83 | 100 Nos | 655 |
| 6 | 02.02.02 | Transportation of Planting Stock (including loading and unloading) Total :: 30 KMs | | | | | | |
| | b | (d) 23 X 28 cm (9"X11") bag plants | 222 Nos | 10.36 | 0 | 10.36 | 100 Nos | 575 |
| c) | 02.02.04 | Internal transportation to planting points on head loads | | | | | | |
| | b | (d) 23 X 28 cm (9"X11") bag plants | 222 Nos | 181.73 | 45.43 | 227.16 | 100 Nos | 504 |
| d) | | Planting | | | | | | |
| | 02.02.07 | 45 cm ³ | 222 Nos | 482.33 | 120.58 | 602.91 | 100 Nos | 1338 |
| 12 | | Fertilizer Application for boosting growth | | | | | | |
| | 02.02.11 | Cost of DAP @ 25 gm / planting point | 28 Kgs | 25.00 | 0.00 | 25.00 | 1 Kg | 700 |
| 13 | 02.02.12 | 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 and closing. Ensure that the soil is really wet at the time of DAP application. | 1111 Nos | 43.29 | 10.82 | 54.11 | 100 Nos | 601 |
| 14 | | WEEDING & SOIL WORKING | | | | | | |
| | 02.02.13 | Weeding and saucer formation to a radius of 0.5 mts around the plant immediately after planting (i.e) during June. | 1111 Nos | 137.76 | 34.44 | 172.20 | 100 Nos | 1913 |
| | 02.02.14 | Circular Weeding to a radius of 0.50 m around the plant (i.e., Aug - Sept) | 1111 Nos | 137.76 | 34.44 | 172.20 | 100 Nos | 1913 |
| | 02.02.15 | Deep soil working to a radius of 0.5 m and to a depth of 10 cm (to be done by pick-axe only) without damaging the plant (to be carried out during Nov - Dec) Ordinary Soils | 1111 Nos | 723.51 | 180.88 | 904.39 | 100 Nos | 10048 |
| 15 | 02.02.16 | Cutting of coppice growth flush to the ground to reduce the competition over the entire area duly retaining useful species after planting and placing the cut material in between the planting rows (to be undertaken during July - August) | | | | | | |
| | b | High rainfall zone > 800 mm (for Warangal, Khammam & Adilabad Circle.) | 1 Ha | 1613.26 | 403.32 | 2016.58 | 1 Ha. | 2017 |
| 16 | 02.02.17 | Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be done during October) | 1111 Nos | 137.00 | 34.25 | 171.25 | 100 Nos | 1903 |

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| | | | | | | | | |
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| 17 | 02.02.18 | Brush-wood Fencing around the Plantation area: Thorny fencing with sturdy thorn material of 10 cm. girth (at the butt end) and fixing in crow bar holes and strengthening with stone packing. The average height of fence should be 1.5 m and fencing material should be fixed in 2 rows (staggered) at 60 cm. apart. The fence should be tightened horizontally by tying with thorny reepers on both sides. | 150 rmt | 32.07 | 8.02 | 40.09 | 1 rmt | 6014 |
| 18 | 02.02.20 | Contingencies provision for Raising of plantaitons: | | | | | | |
| | | i) Fixing of Plantation Boards and Corner Stones | Aa | | | 500.00 | | 500 |
| | | ii) Contingencies and Miscellaneous (with in 5% of the estimate cost subject to ceiling of Rs. 5,000/-) | Aa | | | | | 3046 |
| 19 | 03.01.04 | Formation of New Fire lines of 5.00 m width and cleaning of old fire lines if not maintained for last 5 years including burning. | 400 Rmt | 906.59 | 226.65 | 1133.24 | 100 Rmt | 4533 |
| 20 | 02.02.21 | Cost of Protection: (b) For un-fenced area: One Casual labour is allowed for the plantation of 10.00 ha and above area but less than 20.00 ha.in extent and one more Casual labour are allowed for multiples of 20.00 ha.. | 1 Nos | 10137.32 | 0 | 10137.32 | 1 Month | 4562 |
| Total unit rate arrived for the year 2022-23:: | | | | | | | | 73569.40 |
| | | | | | | | | 61263.00 |

//t.c.b.o//


Superintendent

Sd/- T.Ravi Kiran,
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1587847/2022/O/o PRINCIPAL CHIEF CONSERVATOR OF FORESTS TELANGANA

Unit Cost for 1st year maintenance of NTSH Plantations Raised under Labour Intensive Method as per FSR
2022-23

| Sl. No. | FSR Code No. | Item of work | Qty | Rate in Rs. | | | Per | Amount |
|---------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------------------------------------------------|----------------------|----------|---------|-----------------|
| | | | | As per FSR | Agency allowance 25% | Total | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 1 | 02.03.01 | Replacement of Casualties: 25% in 1st year (In case of Eucalyptus: no casualty replacement). The list of all casualty points shall be prepared by concerned FRO by and made a report to DFO latest by end of May. The pitting of all such casualty points shall be over by end of June. The casualty replacement shall be completed by end of July. | | | | | | |
| 2 | | Digging of Pits - Manual (As per RSSR): All efforts shall be made to complete pitting works before March-end. Under exceptional circumstances (if the target of plantation is given in the month of March-April), the pitting can be done during June and July. But any pitting done during June-July, plants can only be planted after the pits are verified by field inspections of FROs and DFOs of proper dimensions to avoid simultaneous pitting and planting which may result in higher percentage | | | | | | |
| | | Between June - July | | | | | | |
| | | a) Hard Soil | | | | | | |
| | 02.01.06 | ii) 45 cm ³ pits | 278 Nos | 28.19 | 7.05 | 35.24 | 1 Nos | 9797 |
| 3 | 02.02.01 | Transportation of Planting Stock (including loading and unloading) up to a distance of 5 km | | | | | | |
| | | (d) 23 X 28 cm (9"X11") bag plants | 278 Nos | 294.83 | 0 | 294.83 | 100 Nos | 820 |
| 4 | 02.02.02 | Transportation of Planting Stock (including loading and unloading) Total :: 30 KMs | | | | | | |
| | b | (d) 23 X 28 cm (9"X11") bag plants | 278 Nos | 10.36 | 0 | 10.36 | 100 Nos | 725 |
| 4 | 02.02.04 | Internal transportation to planting points on head loads | | | | | | |
| | b | (d) 23 X 28 cm (9"X11") bag plants | 278 Nos | 181.73 | 45.43 | 227.16 | 100 Nos | 632 |
| 6 | | Planting | | | | | | |
| | 02.02.08 | 45 cm ³ | 278 Nos | 482.33 | 120.58 | 602.91 | 100 Nos | 1676 |
| 7 | 02.02.05 | Application of 50 gm of SSP per pit (1 day before planting) for root growth and early establishment of plant after planting. ii) Similarly, the bag plants to be planted will be dipped inside Chloropyriphos solution (5ml Chloropyriphos in 1 lit water) either at nursery site before transport or at plantation site before planting | 278 Nos | 43.29 | 10.82 | 54.11 | 100 Nos | 150 |
| 8 | 02.02.06 | Cost of SSP, Chloridine dust (50 gm) or Chloropyriphos | 14 Kgs | 15.00 | 0.00 | 15.00 | 1 Kg | 210 |
| 9 | 02.03.03 | Weeding and saucer formation to a radius of 0.50 mts around the plant during June. | 1111 Nos | 137.76 | 34.44 | 172.20 | 100 Nos | 1913 |
| 10 | 02.03.04 | Circular Weeding to a radius of 0.50 mts around the plant (i.e., Aug - Sept) | 1111 Nos | 137.76 | 34.44 | 172.20 | 100 Nos | 1913 |
| 11 | 02.03.05 | Deep soil working to a radius of 0.5 m and to a depth of 10 cm (to be done by pick-axe only) without damaging the plant (to be carried out during Nov - Dec) Hard Soils | 1111 Nos | 723.51 | 180.88 | 904.39 | 100 Nos | 10048 |
| 12 | 02.03.06 | Cutting of coppice growth flush to the ground to reduce the competition over the entire area duly retaining useful species after planting and placing the cut material in between the planting rows High rainfall Zone | 1 Ha | 1613.26 | 0.00 | 1613.26 | 1 Ha. | 1613 |
| 14 | 02.03.09 | Contingencies provision for Raising of plantaitons: | | | | | | |
| | | i) Maintenance of Plantation Boards and Corner Stones | Aa | | | 500.00 | | 500 |
| | | ii) Contingencies and Miscellaneous (with in 3% of the estimate cost subject to ceiling of Rs. 3,000/-) | Aa | | | | | 1475 |
| 15 | 03.03.01 | 1Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning | 400 Rmt | 670.61 | 167.65 | 838.26 | 100 Rmt | 3353 |
| 16 | 02.03.10 | Cost of Protection: (b) For un-fenced area: One Casual labour is allowed for the plantation of 10.00 ha and above area but less than 20.00 ha.in extent and one more Casual labour are allowed for multiples of 20.00 ha.. | 1 Nos | 10137.32 | 0 | 10137.32 | 1 Month | 4562 |
| | | | | Total unit rate arrived for the year 2022-23:: | | | | 39386.85 |
| | | | | | | | | 31677.00 |

//t.c.b.a//

 Superintendent

(FAC) District Forest Officer
 Mahabubabad

1587847/2022/O/o PRINCIPAL CHIEF CONSERVATOR OF FORESTS TELANGANA

Unit Cost for 2nd year maintenance of NTSH Plantations Raised under Labour Intensive Method as per FSR
2022-23

| Sl. No. | FSR Code No. | Item of work | Qty | Rate in Rs. | | | Per | Amount |
|-------------------------------------------------------|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------|----------------------|----------|---------|-----------------|
| | | | | As per FSR | Agency allowance 25% | Total | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 1 | 02.04.02 | Weeding and saucer formation to a radius of 0.50 mts around the plant during June. | 1111 Nos | 137.76 | 34.44 | 172.20 | 100 Nos | 1913 |
| 2 | 02.04.03 | Circular weeding to a radius of 0.50 m around the plant (i.e. Aug - Sept) | 1111 Nos | 137.76 | 34.44 | 172.20 | 100 Nos | 1913 |
| 3 | 02.04.04 | Deep soil working to a radius of 0.5 m and to a depth of 10 cm (to be done by pick-axe only) without damaging the plant during Nov. - Dec. | 1111 Nos | 723.51 | 180.88 | 904.39 | 100 Nos | 10048 |
| 4 | 02.04.05 | Cutting of coppice growth flush to the ground to reduce the competition over the entire area duly retaining useful species after planting and placing the cut material in between the planting rows (to be undertaken during July - August) High rainfall Zone | 1 Ha | 1613.26 | 403.32 | 2016.58 | 1 Ha | 2017 |
| 5 | 02.04.07 | Contingencies provision for maintainence of plantaitons: | | | | | | |
| | | i) Maintenance of Plantation Boards and Corner Stones | Aa | | | 500.00 | | 500 |
| | | ii) Contingencies and Miscellaneous (with in 3% of the estimate cost subject to ceiling of Rs. 3,000/-) | Aa | | | | | 795 |
| 6 | 03.03.01 | Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning | 400 Rmt | 670.61 | 167.65 | 838.26 | 100 Rmt | 3353 |
| 7 | 02.04.08 | Cost of Protection: (b) For un-fenced area: One Casual labour is allowed for the plantation of 10.00 ha and above area but less than 20.00 ha.in extent and one more Casual labour are allowed for multiples of 20.00 ha.. | 1 Nos | 10137.32 | 0 | 10137.32 | 1 Month | 4562 |
| Total unit rate arrived for the year 2022-23:: | | | | | | | | 25100.55 |

//t.c.b.o//

Superintendent

Sd/- T.Ravi Kiran,
(FAC) District Forest Officer
Mahabubabad

1587847/2022/O/o PRINCIPAL CHIEF CONSERVATOR OF FORESTS TELANGANA

Unit Cost for 3rd year maintenance of NTSH Plantations Raised under Labour Intensive Method as per FSR 2022-23

| Sl. No. | FSR Code No. | Item of work | Qty | Rate in Rs. | | | Per | Amount |
|---------|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------------------------------------------------|----------------------|----------|---------|-----------------|
| | | | | As per FSR | Agency allowance 25% | Total | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 1 | 02.04.02 | Weeding and saucer formation to a radius of 0.50 mts around the plant during June. | 1111 Nos | 137.76 | 34.44 | 172.20 | 100 Nos | 1913 |
| 2 | 02.04.03 | Circular weeding to a radius of 0.50 m around the plant (i.e. Aug - Sept) | 1111 Nos | 137.76 | 34.44 | 172.20 | 100 Nos | 1913 |
| 3 | 02.04.04 | Deep soil working to a radius of 0.5 m and to a depth of 10 cm (to be done by pick-axe only) without damaging the plant during Nov. - Dec. | 1111 Nos | 723.51 | 180.88 | 904.39 | 100 Nos | 10048 |
| 4 | 02.04.05 | Cutting of coppice growth flush to the ground to reduce the competition over the entire area duly retaining useful species after planting and placing the cut material in between the planting rows (to be undertaken during July - August) High rainfall Zone | 1 Ha | 1613.26 | 403.32 | 2016.58 | 1 Ha | 2017 |
| 5 | 02.04.07 | Contingencies provision for maintainence of plantaitons: | | | | | | |
| | | i) Maintenance of Plantation Boards and Corner Stones | Aa | | | 500.00 | | 500 |
| | | ii) Contingencies and Miscellaneous (with in 3% of the estimate cost subject to ceiling of Rs. 3,000/-) | Aa | | | | | 795 |
| 6 | 03.03.01 | 1Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning | 400 Rmt | 670.61 | 167.65 | 838.26 | 100 Rmt | 3353 |
| 7 | 02.04.08 | Cost of Protection: (b) For un-fenced area: One Casual labour is allowed for the plantation of 10.00 ha and above area but less than 20.00 ha.in extent and one more Casual labour are allowed for multiples of 20.00 ha.. | 1 Nos | 10137.32 | 0 | 10137.32 | 1 Month | 4562 |
| | | | | Total unit rate arrived for the year 2022-23:: | | | | 25100.55 |

//t.c.b.o//


Superintendent


Sd/- T.Ravi Kiran,
(FAC) District Forest Officer
Mahabubabad


Government of Telangana
FOREST DEPARTMENT

Site Suitability Certificate

This is to certify that the following degraded Forest land to the extent of 30.60 Ha is identified for Compensatory purpose. The site is found to be suitable for raising of Compensatory Afforestation plantation (DFL) duly following the practices as proposed in the scheme. This C.A land is in lieu of area proposed for diversion of 124.00 Ha. Forest land GK OC Project Phase-II at Kothagudem Division in Bhadradri Kothagudem District in favour of M/s. Singareni Collieries Company Limited, General Manager, Yellandu Area, Bhadradri Kothagudem District. It is also certified that in this identified degraded RF area, no Compensatory Afforestation has been raised in the past as on date of inspection.

| Sl. No. | Range | Beat | Section | Block | Compt. No. | Net area available |
|---------|----------|-------------------------------------|-------------|-------------|----------------|--------------------|
| 1 | Gangaram | Jangalapally (N) & Jangalapally (E) | Komatlaguda | Chinthaguda | 895 & 913 | 30.60 |
| | | | | | Total : | 30.60 |


Forest Range Officer,
Gangaram.


(FAC) Forest Divisional Officer,
Gudur (WLM).

1587847/2022/O/o PRINCIPAL CHIEF CONSERVATOR OF FORESTS TELANGANA

Unit Cost for 4th year maintenance of NTS Plantations Raised under Labour Intensive Method as per FSR 2022-23

| Sl. N | FSR Code No. | Item of work | Qty | Rate in Rs. | | | Per | Amount |
|-------|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------------------------------------------|----------------------|----------|---------|----------|
| | | | | As per FSR | Agency allowance 25% | Total | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 1 | 02.04.02 | Weeding and saucer formation to a radius of 0.50 mts around the plant during June. | 1111 Nos | 137.76 | 34.44 | 172.20 | 100 Nos | |
| 2 | 02.04.03 | Circular weeding to a radius of 0.50 m around the plant (i.e. Aug - Sept) | 1111 Nos | 137.76 | 34.44 | 172.20 | 100 Nos | |
| 3 | 02.04.04 | Deep soil working to a radius of 0.5 m and to a depth of 10 cm (to be done by pick-axe only) without damaging the plant during Nov. - Dec. | 1111 Nos | 723.51 | 180.88 | 904.39 | 100 Nos | 10048 |
| 4 | 02.04.05 | Cutting of coppice growth flush to the ground to reduce the competition over the entire area duly retaining useful species after planting and placing the cut material in between the planting rows (to be undertaken during July - August) High rainfall Zone | 1 Ha | 1613.26 | 403.32 | 2016.58 | 1 Ha | 2017 |
| 5 | 02.04.07 | Contingencies provision for maintainence of plantaitons: | | | | | | |
| | | i) Maintenance of Plantation Boards and Corner Stones | Aa | | | 500.00 | | 500 |
| | | ii) Contingencies and Miscellaneous (with in 3% of the estimate cost subject to ceiling of Rs. 3,000/-) | Aa | | | | | 603 |
| 6 | 03.03.01 | 1Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning | 400 Rmt | 670.61 | 167.65 | 838.26 | 100 Rmt | 3353 |
| 7 | 02.04.08 | Cost of Protection: (b) For un-fenced area: One Casual labour is allowed for the plantation of 10.00 ha and above area but less than 20.00 ha.in extent and one more Casual labour are allowed for multiples of 20.00 ha.. | 1 Nos | 10137.32 | 0 | 10137.32 | 1 Month | 4562 |
| | | | | Total unit rate arrived for the year 2022-23:: | | | | 21083.25 |


//t.c.b.o//
Superintendent

Sd/- T.Ravi Kiran,
(FAC) District Forest Officer
Mahabubabad

1587847/2022/O/o PRINCIPAL CHIEF CONSERVATOR OF FORESTS TELANGANA

Unit Cost for 5th year to 10th Year maintenance of NTSH Plantations Raised under Labour Intensive Method as per FSR 2022-23

| Sl. No. | FSR Code No. | Item of work | Qty | Rate in Rs. | | | Per | Amount |
|---------|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|-------------|----------------------|----------|---------|---------|
| | | | | As per FSR | Agency allowance 25% | Total | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 1 | 03.03.01 | 1Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning | 400 Rmt | 670.61 | 167.65 | 838.26 | 100 Rmt | 3353 |
| 2 | 02.04.08 | Cost of Protection: (b) For un-fenced area: One Casual labour is allowed for the plantation of 10.00 ha and above area but less than 20.00 ha.in extent and one more Casual labour are allowed for multiples of 20.00 ha.. | 1 Nos | 10137.32 | 0 | 10137.32 | 1 Month | 4562 |
| | | | Total unit rate arrived for the year 2022-23:: | | | | | 7915.00 |

//t.c.b.o//

Superintendent

Sd/- T.Ravi Kiran,
(FAC) District Forest Officer
Mahabubabad