

GOVERNMENT OF ANDHR PRADESH

FOREST DEPARTMENT

From

To

Sri M. Guru Prabhakar, SFS,
Divisional Forest Officer
Proddatur (WL) Division.

The Divisional Forest Officer,
Kadapa.

Rc. No. 3341 / 2015 - P8, Dt : 23/07/2018

Sir,

Sub :- APFD - Proposals for diversion of 1581.01 Ha in different RFs of Kadapa and Rajampet Divisions for Drinking Water, Irrigation Reservoirs and Canals under GNSS Phase - II scheme in favour of Chief Engineer (P), Irrigation, Kadapa - Proposals u/s 2 of FC Act 1980 - Revised CA Scheme proposals to an extent of 435.68 Ha pertains to Proddatur (WL) Division - Regarding

Ref :- 1) This office Rc. No. 3341 / 2015 - P8, Dt. 08-05-2018
2) Executive Engineer, SKD GNSS Divn, Proddatur, YSR Kadapa
District Lr. No. EE / GNSS / DVN / PDTR / DB / ATO /
300 M, Dt. 18-07-2018

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It is to inform that, in the reference 2nd cited, the Executive Engineer, SKD GNSS Division, Proddatur, YSR Kadapa was requested to submit the revised compensatory afforestation scheme proposals by excluding the Sy. No. 580 to an extent of 149.78 Ha of M. Kambaladinne Village for uploading the online information in the respective package 03/06. Further he also requested that the earlier submitted CA Scheme proposals in the reference 1st cited to an extent of 585.46 Ha may please be cancelled since the area for the package 03/06 is reduced to 435.68 Ha

Hence I am herewith furnishing the revised compensatory afforestation proposals to an extent of 435.68 Ha non forest land identified in the following villages of Proddatur (WL) Division in lieu of diversion of forest land in different Reserve Forests of Kadapa and Rajampet Divisions for Drinking Water, Irrigation Reservoirs and Canals under GNSS Phase - II scheme.


| Sl No. | Range | Name of the Village | Sy. No. | Area allotted for CA in Ha | DGPS Authenticated in Ha |
|--------|-------------|---------------------|---------|----------------------------|--------------------------|
| 1 | Porumamilla | Chinna Yerasala | 1914 | 182.23 | 186.81 |
| 2 | Porumamilla | Sancherla | 548 | 21.05 | 21.32 |
| 3 | Muddanur | M. Kambaladinne | 578 | 182.53 | 182.46 |
| 4 | Muddanur | M. Kambaladinne | 583 | 44.70 | 45.09 |
| | | TOTAL | | 430.51 | 435.68 |

Accordingly I have physically inspected the identified non forest lands and prepared the scheme proposals to an extent of 435.68 Ha as per DGPS authentication. The Compensatory Afforestation Scheme is prepared for implementation for 12 years period (including starting year) from 2019-20 to 2031-32 with an outlay of Rs. 3308.500 lakhs for treatment of 435.68 ha.

Further it is also to inform that the proposals, site inspection report and site suitability certificate of the Compensatory of the aforesaid areas are also enclosed herewith for further process.

Yours faithfully

Encl. :- As above.


23/7/18
Divisional Forest Officer
Proddatur (WL) Division

Copy to the Executive Engineer, SKD GNSS Division, Proddatur, YSR Kadapa District for information and necessary action.

Proposals for raising of 435.68 ha Compensatory Afforestation in non forest lands for Drinking Water, Irrigation Reservoirs and Canals under GNSS Phase - II scheme in Proddatur WL Division of YSR Kadapa District.

1. Object : To raise compensatory afforestation plantation with the funds of Irrigation Department, Andhra Pradesh in 435.68 Ha in lieu of diversion of forest land for Drinking Water, Irrigation Reservoirs and Canals under GNSS Phase - II Scheme in Proddatur (WL) Division in favour of Chief Engineer (P), Irrigation Kadapa.
2. Project Period : 13 years from the year of starting of the Project (2019 - 20 to 2031 - 32)
3. Location of C.A. land : The compensatory afforestation area (Non Forest land) proposed for raising plantations in Proddatur (WL) Division is as follows.

| Sl No. | Range | Name of the Village | Compt No. | Area proposed for CA in Ha |
|--------|-------------|---------------------|-----------|----------------------------|
| 1 | Porumamilla | Chinna Yerasala | 1914 | 186.81 |
| 2 | Porumamilla | Sancherla | 548 | 21.32 |
| 3 | Muddanur | M. Kambaladinne | 578 | 182.46 |
| 4 | Muddanur | M. Kambaladinne | 583 | 45.09 |
| | | TOTAL | | 435.68 |

4. Type of the CA land : The proposed compensatory afforestation areas are plain and hillocks. Soil composition is mainly shales mixed with quartz stone. In M. Kambaladinne Village, the area is hillock with soil composition is sheet rock mixed with boulders. The depth of the soil is varying from 50 cm to 1 mt. The area is degraded, impoverished and requires effective supplementation like imported soil etc.

5. Vegetation : The compensatory afforestation area consists of the following species like Hardwickia binata, Chloroxylon swietenia, Zyzyphus xylopyrus, Gardenia gummiferra, Terminalia pallida, Acacia sandra, Shorea robusta, Tarennia asiatica, Adina cordifolia, Soymania febrifuga, Carissa carandas, Gymnosporia spinosa, Grewia rotundifolia, Merremia aegyptica and Prosopis juliflora etc.

6. Treatment Proposed : **Semi Mechanical Method Planting**

An area of 151.32 ha is proposed for raising compensatory afforestation area under Semi Mechanical Method of Plantation depending upon the type of soil, density of vegetation in plain areas and Slope >30 degrees. Tall plants of size 8"x 12" are proposed for planting in 0.60 mt cube pits to facilitate quick establishment and growth. For loosening the top soil and to facilitate water absorption and good growth ploughing is preferred. Provision for imported soil is made to make up the hard red loamy and sandy loamy soil.

Soil & Moisture Conservation works are to be taken up mainly Continuous Peripheral Trench (CPT), Water Harvesting Structures etc., in the proposed compensatory afforestation areas. Fencing is proposed for protection from the biotic interference.

Trench cum Pit Method Planting

An area of 284.36 ha is proposed for raising compensatory afforestation area under Trench cum pit method of Plantation by digging of staggered trenches with central pit in the hillocks. Tall plants of size 8"x 12" are proposed for planting in 0.45 mt cube pits to facilitate quick establishment and growth. Provision for imported soil is made to make up the fertile soil. Water provision is also made during raising and 1st year maintenance of plantations.

One Minor Irrigation Tank (Big Percolation Tank) is proposed in Sy. No. 578 of M. Kambaladinne Village of Muddanur Range for impounding of 0.15 TMC of water.

The plantations so raised will be maintained for 11 years including year of raising.

7. Proposed species : Considering the terrain and condition of soil in the proposed area, the following species are proposed, keeping in view of the instructions issued by the Prl. Chief Conservator of Forests, AP. Hyderabad in Rc. No. 4775 / 2003 - F5, Dt : 21-02-2005.


| Sl. No. | Species | Type | Species |
|---------|---------|---------------------|---|
| 1 | NTFP | Large canopy plants | 1) Ficus benghalensis 2) Ficus religiosa 3) Hardwickia binata 4) Azadirachta indica 5) Madhuca latifolia 6) Terminalia tomentosa 7) Dalbergia latifolia 8) Pterocarpus marsupium 9) Soymida febrifuga 10) Emblica officinalis etc |

Planting tall plants of suitable species with a height not less than 2.00 Mts are proposed for planting.

8. Agency for funding : Irrigation Department, Andhra Pradesh.

9. Agency for implementation of compensatory afforestation : A. P. Forest Department

10. Cost of the scheme : Rs. 3308.500 Lakhs.


Divisional Forest Officer
Proddatur WL Division



**Site inspection notes of Compensatory Afforestation area
of 435.68 Ha proposed diversion of for Drinking Water,
Irrigation Reservoirs and Canals under GNSS Phase - II
scheme in Proddatur WL Division of YSR Kadapa District**

The compensatory afforestation area to an extent of 435.68 Ha proposed in lieu of diversion of forest land in Kadapa and Rajampet Divisions in different RFs for Drinking Water, Irrigation Reservoir and Canals under GNSS Phase - II Scheme in favour of Chief Engineer (P), Irrigation, Kadapa. Though the compensatory area allotted is 1063.36 acres (430.51 Ha) in the following villages, but the DGPS survey authenticated to an extent of 435.68 Ha in the same Villages with assigned survey numbers. Hence the same extent is considered as authenticated through DGPS survey for raising Compensatory Afforestation in Proddatur (WL) Division. The Range wise details of CA areas are as follows.

| Sl No. | Range | Name of the Village | Sy. No. | Area allotted for CA in Ha | DGPS Authenticated in Ha |
|---------------|--------------|----------------------------|----------------|-----------------------------------|---------------------------------|
| 1 | Porumamilla | Chinna Yerasala | 1914 | 182.23 | 186.81 |
| 2 | Porumamilla | Sancherla | 548 | 21.05 | 21.32 |
| 3 | Muddanur | M. Kambaladinne | 578 | 182.53 | 182.46 |
| 4 | Muddanur | M. Kambaladinne | 583 | 44.70 | 45.09 |
| | | TOTAL | | 430.51 | 435.68 |

1) Sy. No. 1914 of Chinna Yerasala Village of Porumamilla

The proposed area for raising of 186.81 ha compensatory afforestation in Sy. No. 1914, Chinna Yerasala Village, Porumamilla Mandal, Porumamilla Range in Proddatur Forest Division was inspected on 20/04/2018. The proposed area is abutting the compartment No. 250 of Kavalakuntla RF in Siddavaram Beat of Porumamilla Range. More than 50% of the area is plain, 30% of the area is undulating and remaining 20% of the area is comprising with hillocks having gradient more than 30%. The soil composition is mainly shale mixed with quartz stone. The depth of the soil is varying between 30 cm to 50 cm in 50% of the area and more than 1 mt. in the balance area.

The compensatory afforestation area falls under Southern Tropical Dry Deciduous Forests with the following species like Hardwickia binata, Chloroxylon swietenia, Zyzyphus xylopyrus, Gardenia gummiferra, Terminalia pallida, Acacia sandra, Tarenna asiatica, Adina cordifolia, Soymida febrifuga, Gymnosporia spinosa, Grewia rotundifolia etc. Trenches were dug up in the area under MGNREG and Neeru Chettu scheme by the Rural Development Department. This area is having viable root stock of thorny scrub growth.

Method of Treatment

Out of 186.81 Ha, 100 ha is suitable for raising CA under Semi Mechanical Method of Plantation and remaining area of 86.81 ha is suitable for taking up trench cu pit method. Based on site specific conditions compensatory afforestation scheme is proposed by planting of 8"x 12" size plants in 0.60 mt cube pits to facilitate quick establishment and growth in SMM plantations. For loosening the top soil and to facilitate water absorption and good growth, ploughing is preferred under SMM plantation. Under trench cum pit method, the plantation is proposed by digging of staggered trenches with central pit in the hillocks. Tall plants of size 8"x 12" are proposed for planting in 0.45 mt cube pits to facilitate quick establishment and growth. Provision for imported soil is made to make up the fertile soil. Water provision is also made during raising and 1st year maintenance of plantations. Soil & Moisture Conservation works mainly Continuous Peripheral Trench (CPT), Water Harvesting Structures etc., are proposed compensatory afforestation scheme. Fencing is proposed for protection from the biotic interference.

2) Sy. No. 548, Sancherla Village, Porumamilla Mandal

The proposed area for raising of 21.32 ha compensatory afforestation in Sy. No. 548, Sancherla Village, Porumamilla Mandal, Porumamilla Range in Proddatur Forest Division was inspected on 20/04/2018. The proposed area is abutting the compartment No. 237 of Sancherla Extn RF in Venkatapuram Beat of Porumamilla Range.

The proposed area is plain with laterite soil. The depth of the soil is more than 1 Mt. There is viable root stock of thorny scrub growth.

The compensatory afforestation area falls under Southern Tropical Dry Deciduous Forests with the following species.

- 1) Hardwickia binata
- 2) Carissa carandas
- 3) Gardenia gummiferra
- 4) Grewia rotundifolia
- 5) Zyzyphus xylopyrus

Method of Treatment

The treatment proposed for raising compensatory afforestation area is under Semi Mechanical Method of Plantation depending upon the type of soil, density of vegetation. Tall plants of size 8"x 12" are proposed for planting in 0.60 mt cube pits to facilitate quick establishment and growth. For loosening the top soil and to facilitate water absorption and good growth ploughing is preferred.

Soil & Moisture Conservation works are to be taken up to recharge the ground water in the proposed compensatory afforestation area. Fencing is proposed for protection from the biotic interference.

3) Sy. No. 578 and 583 of M. Kambaladinne Village of Mylavaram Mandal of Muddanur Range

The proposed compensatory afforestation area identified in Sy. No. 578 and 583 of M. Kambaladinne Village, Mylavaram Mandal of Muddanur Range was inspected on 27/04/2018. The survey number wise details are as follows.

a) Sy. No. 578 with an extent of 182.46 Ha

The proposed area is hillock, the top of the hill is plain and slopes with 30% to 40% and the soil composition is sheet rock or mixed with boulders. The depth of the soil is about 1 Mt.

The compensatory afforestation area falls under Southern Tropical Dry Deciduous Forests with the following species.

- 1) Carissa carandas
- 2) Zyzyphus xylopyrus
- 3) Merremia aegyptica
- 4) Tarenna asiatica
- 5) Prosopis juliflora etc.

Method of Treatment

The area is not fit for taking up ploughing, hence trench cum pit method of plantation is proposed depending upon the type of soil, density of vegetation. The proposed method of plantations is digging of staggered trenches with central pit in the hillocks. Tall plants of size 8"x 12" are proposed for planting in 0.45 mt cube pits to facilitate quick establishment and growth. Provision for imported soil is made to make up the fertile soil. Water provision is also made during raising and 1st year maintenance of plantations. Fencing is proposed for protection from the biotic interference.

One Minor Irrigation Tank (Big Percolation Tank) is proposed on south west aspect in Sy. No. 578 of M. Kambaladinne Village of Muddanur Range for impounding of 0.15 TMC of water.

b) Sy. No. 583 with an extent of 45.09 Ha

Most of the proposed area is undulating with gradient less than 30 degrees. 30% of the area is mixed with boulders and 70% of the area suitable for SMM plantation. The depth of the soil is varying between 30 cm to 50 cm in 50% of the area and more than 1 mt. in the balance area.

The compensatory afforestation area falls under Southern Tropical Dry Deciduous Forests with the following species.

- 1) Carissa carandas
- 2) Zyzyphus xylopyrus
- 3) Merremia aegyptica
- 4) Tarenna asiatica
- 5) Prosopis juliflora etc.

Method of Treatment

Out of 45.09 Ha, 30.00 ha is suitable for raising CA under Semi Mechanical Method of Plantation and remaining area of 15.09 ha is suitable for taking up trench cu pit method. Based on site specific conditions compensatory afforestation scheme is proposed by planting of 8"x 12" size plants in 0.60 mt cube pits to facilitate quick establishment and growth in SMM plantations. For loosening the top soil and to facilitate water absorption and good growth ploughing is preferred under SMM plantation. Under trench cum pit method, the plantation is proposed by digging of staggered trenches with central pit in the hillocks. Tall plants of size 8"x 12" are proposed for planting in 0.45 mt cube pits to facilitate quick establishment and growth. Provision for imported soil is made to make up the fertile soil. Water provision is also made during raising and 1st year maintenance of plantations. Soil & Moisture Conservation works mainly Continuous Peripheral Trench (CPT), Water Harvesting Structures etc., are proposed compensatory afforestation scheme. Fencing is proposed for protection from the biotic interference.




Divisional Forest Officer
Proddatur (WL) Division



**Details of Compensatory Afforestation areas allotted for
GNSS Phase - II Project in Proddatur (WL) Division**

| Sl No. | Range | Name of the Village | Sy. No. | Area allotted for CA (As per Meebhoomi Portal) in Ha | DGPS Authenticated in Ha | Compensatory Afforestation area details (Ha) (Proposed year of raising in Action Plan) | | | | | | | | |
|--------|-------------|---------------------|---------|--|--------------------------|--|----------|---------------|----------------|--------------|---------------|---------------|--------------|---------------|
| | | | | | | SMM | | | Trench cum pit | | | Total | | |
| | | | | | | 2020-21 | 2021-22 | Total | 2020-21 | 2021-22 | Total | 2020-21 | 2021-22 | Total |
| 1 | Porumamilla | Chinna Yerasala | 1914 | 182.23 | 186.81 | 100.00 | 0 | 100.00 | 86.81 | 0 | 86.81 | 186.81 | 0 | 186.81 |
| 2 | Porumamilla | Sancherla | 548 | 21.05 | 21.32 | 21.32 | 0 | 21.32 | 0 | 0 | 0 | 21.32 | 0 | 21.32 |
| 3 | Muddanur | M. Kambaladinne | 578 | 182.53 | 182.46 | 0 | 0 | 0 | 100.00 | 82.46 | 182.46 | 100.00 | 82.46 | 182.46 |
| 4 | Muddanur | M. Kambaladinne | 583 | 44.70 | 45.09 | 30.00 | 0 | 30.00 | 15.09 | 0 | 15.09 | 45.09 | 0 | 45.09 |
| | | TOTAL | | 430.51 | 435.68 | 151.32 | 0 | 151.32 | 201.90 | 82.46 | 284.36 | 353.22 | 82.46 | 435.68 |


 Divisional Forest Officer
 Proddatur (WL) Division


 23/7/12

Action Plan Proposals for Raising of 435.68 ha Compensatory Afforestation in non forest lands in lieu of proposed diversion of forest lands for Drinking Water, Irrigation Reservoirs and Canals under GNSS Phase - II scheme in favour of Chief Engineer (P), Irrigation, Kadapa from 2019 - 20 to 2031-32 - Proddatur Forest Division

| SI No. | Description | 2019-20 | | | 2020-21 | | | 2021-22 | | | 2022-23 | | | 2023-24 | | |
|--------|---|-----------|--------|--------|-----------|--------|---------|-----------|--------|--------|-----------|--------|--------|-----------|--------|--------|
| | | Unit rate | Phy | Fin | Unit rate | Phy | Fin | Unit rate | Phy | Fin | Unit rate | Phy | Fin | Unit rate | Phy | Fin |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| I | Action Plan for 186.81 Ha in Sy. No. 1914 of Chinna Yerasala Village, Porumamilla Range | | | | | | | | | | | | | | | |
| A | Semi Mechanical Method of Plantation (100 Ha) | | | | | | | | | | | | | | | |
| 1 | Raising of Nurseries | 14300 | 133500 | 19.091 | 15700 | 28000 | 4.396 | 17300 | 28000 | 4.844 | 0 | | 0 | | | 0 |
| 2 | Maintenance of Nurseries | | | 0 | 4800 | 133500 | 6.408 | 5300 | 28000 | 1.484 | 5800 | 28000 | 1.624 | 0 | | 0 |
| 3 | Advance operations | 78100 | 100.00 | 78.100 | | 0 | 0 | | | 0 | | | 0 | | | 0 |
| 4 | Raising of Plantations | | | 0 | 126400 | 100.00 | 126.400 | | | 0 | | | 0 | | | 0 |
| 5 | 1st year maintenance | | | 0 | | | 0 | 45900 | 100.00 | 45.900 | | | 0 | | | 0 |
| 6 | 2nd year maintenance | | | 0 | | | 0 | | | 0 | 50300 | 100.00 | 50.300 | | | 0 |
| 7 | 3rd year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | 29000 | 100.00 | 29.000 |
| 8 | 4th year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 9 | 5th year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 10 | 6th year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 11 | 7th year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 12 | 8th year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 13 | 9th year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 14 | 10th year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| | Total | | | 97.191 | | 100.00 | 137.204 | | 0 | 52.228 | | 0 | 51.924 | | 0 | 29.000 |

| SI No. | Description | 2024-25 | | | 2025-26 | | | 2026-27 | | | 2027-28 | | | 2028-29 | | |
|----------|--|-----------|----------|---------------|-----------|----------|---------------|-----------|----------|---------------|-----------|----------|---------------|-----------|----------|---------------|
| | | Unit rate | Phy | Fin | Unit rate | Phy | Fin | Unit rate | Phy | Fin | Unit rate | Phy | Fin | Unit rate | Phy | Fin |
| 1 | 2 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 |
| | | | | | | | | | | | | | | | | |
| A | Semi Mechanical Method of Plantation (100 Ha) | | | | | | | | | | | | | | | |
| 1 | Raising of Nurseries | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 2 | Maintenance of Nurseries | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 3 | Advance operations | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 4 | Raising of Plantations | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 5 | 1st year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 6 | 2nd year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 7 | 3rd year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 8 | 4th year maintenance | 30600 | 100.00 | 30.600 | | | 0 | | | 0 | | | 0 | | | 0 |
| 9 | 5th year maintenance | | | 0 | 23900 | 100.00 | 23.900 | | | 0 | | | 0 | | | 0 |
| 10 | 6th year maintenance | | | 0 | | | 0 | 26300 | 100.00 | 26.300 | | | 0 | | | 0 |
| 11 | 7th year maintenance | | | 0 | | | 0 | | | 0 | 28900 | 100.00 | 28.900 | | | 0 |
| 12 | 8th year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | 31800 | 100.00 | 31.800 |
| 13 | 9th year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 14 | 10th year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| | Total | | 0 | 30.600 | | 0 | 23.900 | | 0 | 26.300 | | 0 | 28.900 | | 0 | 31.800 |

| Sl No. | Description | 2029-30 | | | 2030-31 | | | 2031-32 | | | Total | |
|----------|--|-----------|--------|---------------|-----------|--------|---------------|-----------|-----|----------|---------------|----------------|
| | | Unit rate | Phy | Fin | Unit rate | Phy | Fin | Unit rate | Phy | Fin | Phy | Fin |
| 1 | 2 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 |
| | | | | | | | | | | | | |
| A | Semi Mechanical Method of Plantation (100 Ha) | | | | | | | | | | | |
| 1 | Raising of Nurseries | | | 0 | | | 0 | | | 0 | 189500 | 28.331 |
| 2 | Maintenance of Nurseries | | | 0 | | | 0 | | | 0 | 189500 | 9.516 |
| 3 | Advance operations | | | 0 | | | 0 | | | 0 | 100.00 | 78.100 |
| 4 | Raising of Plantations | | | 0 | | | 0 | | | 0 | 100.00 | 126.400 |
| 5 | 1st year maintenance | | | 0 | | | 0 | | | 0 | 100.00 | 45.900 |
| 6 | 2nd year maintenance | | | 0 | | | 0 | | | 0 | 100.00 | 50.300 |
| 7 | 3rd year maintenance | | | 0 | | | 0 | | | 0 | 100.00 | 29.000 |
| 8 | 4th year maintenance | | | 0 | | | 0 | | | 0 | 100.00 | 30.600 |
| 9 | 5th year maintenance | | | 0 | | | 0 | | | 0 | 100.00 | 23.900 |
| 10 | 6th year maintenance | | | 0 | | | 0 | | | 0 | 100.00 | 26.300 |
| 11 | 7th year maintenance | | | 0 | | | 0 | | | 0 | 100.00 | 28.900 |
| 12 | 8th year maintenance | | | 0 | | | 0 | | | 0 | 100.00 | 31.800 |
| 13 | 9th year maintenance | 35000 | 100.00 | 35.000 | | | 0 | | | 0 | 100.00 | 35.000 |
| 14 | 10th year maintenance | | | 0 | 38500 | 100.00 | 38.500 | 0 | 0 | 0 | 100.00 | 38.500 |
| | Total | | | 35.000 | | | 38.500 | | | 0 | 100.00 | 582.547 |

| SI No. | Description | 2019-20 | | | 2020-21 | | | 2021-22 | | | 2022-23 | | | 2023-24 | | |
|----------|--|-----------|--------|----------------|-----------|---------------|----------------|-----------|----------|----------------|-----------|----------|---------------|-----------|----------|---------------|
| | | Unit rate | Phy | Fin | Unit rate | Phy | Fin | Unit rate | Phy | Fin | Unit rate | Phy | Fin | Unit rate | Phy | Fin |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| B | Trench Cum Pit Method of Plantation (86.81 Ha) | | | | | | | | | | | | | | | |
| 1 | Raising of Nurseries | 14300 | 116000 | 16.588 | 15700 | 24200 | 3.799 | 17300 | 24200 | 4.187 | 0 | | 0 | | | 0 |
| 2 | Maintenance of Nurseries | | | 0 | 4800 | 116000 | 5.568 | 5300 | 24200 | 1.283 | 5800 | 24200 | 1.404 | 0 | | 0 |
| 3 | Advance operations | 253000 | 86.81 | 219.629 | | 0 | 0 | | | 0 | | | 0 | | | 0 |
| 4 | Raising of Plantations | | | 0 | 98000 | 86.81 | 85.074 | | | 0 | | | 0 | | | 0 |
| 5 | 1st year maintenance | | | 0 | | | 0 | 67900 | 86.81 | 58.944 | | | 0 | | | 0 |
| 6 | 2nd year maintenance | | | 0 | | | 0 | | | 0 | 33700 | 86.81 | 29.255 | | | 0 |
| 7 | 3rd year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | 24200 | 86.81 | 21.008 |
| 8 | 4th year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 9 | 5th year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 10 | 6th year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 11 | 7th year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 12 | 8th year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 13 | 9th year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 14 | 10th year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| | Total | | | 236.217 | | 86.81 | 94.441 | | 0 | 64.413 | | 0 | 30.659 | | 0 | 21.008 |
| C | Fencing the plantation area with chainlink fence (Rmt) | 968 | 5500 | 53.240 | | | 0 | | | 0 | | | 0 | | | 0 |
| D | Overheads (10% of plantation cost) | | | 33.341 | | | 23.165 | | | 11.664 | | | 8.258 | | | 5.001 |
| | Total (III to IV) | | | 86.581 | | | 23.165 | | | 11.664 | | | 8.258 | | | 5.001 |
| | | | | | | | | | | | | | | | | |
| | TOTAL (For 186.81 Ha) | | | 419.989 | | 186.81 | 254.810 | | | 128.305 | | | 90.841 | | | 55.009 |

| SI No. | Description | 2024-25 | | | 2025-26 | | | 2026-27 | | | 2027-28 | | | 2028-29 | | |
|----------|--|-----------|----------|---------------|-----------|----------|---------------|-----------|----------|---------------|-----------|----------|---------------|-----------|----------|---------------|
| | | Unit rate | Phy | Fin | Unit rate | Phy | Fin | Unit rate | Phy | Fin | Unit rate | Phy | Fin | Unit rate | Phy | Fin |
| 1 | 2 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 |
| B | Trench Cum Pit Method of Plantation (86.81 Ha) | | | | | | | | | | | | | | | |
| 1 | Raising of Nurseries | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 2 | Maintenance of Nurseries | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 3 | Advance operations | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 4 | Raising of Plantations | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 5 | 1st year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 6 | 2nd year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 7 | 3rd year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 8 | 4th year maintenance | 24900 | 86.81 | 21.616 | | | 0 | | | 0 | | | 0 | | | 0 |
| 9 | 5th year maintenance | | | 0 | 13600 | 86.81 | 11.806 | | | 0 | | | 0 | | | 0 |
| 10 | 6th year maintenance | | | 0 | | | 0 | 15000 | 86.81 | 13.022 | | | 0 | | | 0 |
| 11 | 7th year maintenance | | | 0 | | | 0 | | | 0 | 16500 | 86.81 | 14.324 | | | 0 |
| 12 | 8th year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | 18200 | 86.81 | 15.799 |
| 13 | 9th year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 14 | 10th year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| | Total | | 0 | 21.616 | | 0 | 11.806 | | 0 | 13.022 | | 0 | 14.324 | | 0 | 15.799 |
| C | Fencing the plantation area with chainlink fence (Rmt) | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| D | Overheads (10% of plantation cost) | | | 5.222 | | | 3.571 | | | 3.932 | | | 4.322 | | | 4.760 |
| | Total (III to IV) | | 0 | 5.222 | | 0 | 3.571 | | 0 | 3.932 | | 0 | 4.322 | | 0 | 4.760 |
| | TOTAL (For 186.81 Ha) | | | 57.437 | | | 39.277 | | | 43.254 | | | 47.546 | | | 52.359 |

| SI No. | Description | 2029-30 | | | 2030-31 | | | 2031-32 | | | Total | |
|----------|--|-----------|-------|---------------|-----------|-------|---------------|-----------|-----|----------|---------------|-----------------|
| | | Unit rate | Phy | Fin | Unit rate | Phy | Fin | Unit rate | Phy | Fin | Phy | Fin |
| 1 | 2 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 |
| B | Trench Cum Pit Method of Plantation (86.81 Ha) | | | | | | | | | | | |
| 1 | Raising of Nurseries | | | 0 | | | 0 | | | 0 | 164400.00 | 24.574 |
| 2 | Maintenance of Nurseries | | | 0 | | | 0 | | | 0 | 164400.00 | 8.254 |
| 3 | Advance operations | | | 0 | | | 0 | | | 0 | 86.81 | 219.629 |
| 4 | Raising of Plantations | | | 0 | | | 0 | | | 0 | 86.81 | 85.074 |
| 5 | 1st year maintenance | | | 0 | | | 0 | | | 0 | 86.81 | 58.944 |
| 6 | 2nd year maintenance | | | 0 | | | 0 | | | 0 | 86.81 | 29.255 |
| 7 | 3rd year maintenance | | | 0 | | | 0 | | | 0 | 86.81 | 21.008 |
| 8 | 4th year maintenance | | | 0 | | | 0 | | | 0 | 86.81 | 21.616 |
| 9 | 5th year maintenance | | | 0 | | | 0 | | | 0 | 86.81 | 11.806 |
| 10 | 6th year maintenance | | | 0 | | | 0 | | | 0 | 86.81 | 13.022 |
| 11 | 7th year maintenance | | | 0 | | | 0 | | | 0 | 86.81 | 14.324 |
| 12 | 8th year maintenance | | | 0 | | | 0 | | | 0 | 86.81 | 15.799 |
| 13 | 9th year maintenance | 20000 | 86.81 | 17.362 | | | 0 | | | 0 | 86.81 | 17.362 |
| 14 | 10th year maintenance | | | 0 | 22000 | 86.81 | 19.098 | | 0 | 0 | 86.81 | 19.098 |
| | Total | | | 17.362 | | | 19.098 | | | 0 | 86.81 | 559.765 |
| C | Fencing the plantation area with chainlink fence (Rmt) | | | 0 | | | 0 | | | 0 | | 53.240 |
| D | Overheads (10% of plantation cost) | | | 5.236 | | | 5.760 | | | 0 | | 114.231 |
| | Total (III to IV) | | | 5.236 | | | 5.760 | | | 0 | | 167.471 |
| | TOTAL (For 186.81 Ha) | | | 57.598 | | | 63.358 | | | 0 | 186.81 | 1309.783 |

| SI No. | Description | 2019-20 | | | 2020-21 | | | 2021-22 | | | 2022-23 | | | 2023-24 | | |
|---|---|-----------|-------|---------------|-----------|--------------|---------------|-----------|----------|---------------|-----------|----------|---------------|-----------|----------|--------------|
| | | Unit rate | Phy | Fin | Unit rate | Phy | Fin | Unit rate | Phy | Fin | Unit rate | Phy | Fin | Unit rate | Phy | Fin |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| II Action Plan for 21.32 Ha in Sy. No. 548 of Sancherla Village, Porumamilla Range | | | | | | | | | | | | | | | | |
| A Semi Mechanical Method of Plantation (21.32 Ha) | | | | | | | | | | | | | | | | |
| 1 | Raising of Nurseries | 14300 | 28500 | 4.076 | 15700 | 6000 | 0.942 | 17300 | 6000 | 1.038 | 0 | | 0 | | | 0 |
| 2 | Maintenance of Nurseries | | | 0 | 4800 | 29000 | 1.392 | 5300 | 6000 | 0.318 | 5800 | 6000 | 0.348 | 0 | | 0 |
| 3 | Advance operations | 78100 | 21.32 | 16.651 | | 0 | 0 | | | 0 | | | 0 | | | 0 |
| 4 | Raising of Plantations | | | 0 | 126400 | 21.32 | 26.948 | | | 0 | | | 0 | | | 0 |
| 5 | 1st year maintenance | | | 0 | | | 0 | 45900 | 21.32 | 9.786 | | | 0 | | | 0 |
| 6 | 2nd year maintenance | | | 0 | | | 0 | | | 0 | 50300 | 21.32 | 10.724 | | | 0 |
| 7 | 3rd year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | 29000 | 21.32 | 6.183 |
| 8 | 4th year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 9 | 5th year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 10 | 6th year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 11 | 7th year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 12 | 8th year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 13 | 9th year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 14 | 10th year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| | Total | | | 20.726 | | 21.32 | 29.282 | | 0 | 11.142 | | 0 | 11.072 | | 0 | 6.183 |
| B | Fencing the plantation area with chainlink fence (Rmt) | 968 | 1800 | 17.424 | | | 0 | | | 0 | | | 0 | | | 0 |
| C | Overheads (10% of plantation cost) | | | 2.073 | | | 2.928 | | | 1.114 | | | 1.107 | | | 0.618 |
| | Total | | | 19.497 | | | 2.928 | | | 1.114 | | | 1.107 | | | 0.618 |
| | TOTAL (For 21.32 Ha) | | | 40.223 | | 21.32 | 32.211 | | | 12.256 | | | 12.179 | | | 6.801 |

| SI No. | Description | 2024-25 | | | 2025-26 | | | 2026-27 | | | 2027-28 | | | 2028-29 | | |
|----------|--|-----------|----------|--------------|-----------|----------|--------------|-----------|----------|--------------|-----------|----------|--------------|-----------|----------|--------------|
| | | Unit rate | Phy | Fin | Unit rate | Phy | Fin | Unit rate | Phy | Fin | Unit rate | Phy | Fin | Unit rate | Phy | Fin |
| 1 | 2 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| A | Semi Mechanical Method of Plantation (21.32 Ha) | | | | | | | | | | | | | | | |
| 1 | Raising of Nurseries | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 2 | Maintenance of Nurseries | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 3 | Advance operations | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 4 | Raising of Plantations | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 5 | 1st year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 6 | 2nd year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 7 | 3rd year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 8 | 4th year maintenance | 30600 | 21.32 | 6.524 | | | 0 | | | 0 | | | 0 | | | 0 |
| 9 | 5th year maintenance | | | 0 | 23900 | 21.32 | 5.095 | | | 0 | | | 0 | | | 0 |
| 10 | 6th year maintenance | | | 0 | | | 0 | 26300 | 21.32 | 5.607 | | | 0 | | | 0 |
| 11 | 7th year maintenance | | | 0 | | | 0 | | | 0 | 28900 | 21.32 | 6.161 | | | 0 |
| 12 | 8th year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | 31800 | 21.32 | 6.780 |
| 13 | 9th year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 14 | 10th year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| | Total | | 0 | 6.524 | | 0 | 5.095 | | 0 | 5.607 | | 0 | 6.161 | | 0 | 6.780 |
| B | Fencing the plantation area with chainlink fence (Rmt) | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| C | Overheads (10% of plantation cost) | | | 0.652 | | | 0.510 | | | 0.561 | | | 0.616 | | | 0.678 |
| | Total | | 0 | 0.652 | | 0 | 0.510 | | 0 | 0.561 | | 0 | 0.616 | | 0 | 0.678 |
| | | | | | | | | | | | | | | | | |
| | TOTAL (For 21.32 Ha) | | | 7.176 | | | 5.605 | | | 6.168 | | | 6.778 | | | 7.458 |

| SI No. | Description | 2029-30 | | | 2030-31 | | | 2031-32 | | | Total | |
|----------|--|-----------|-------|--------------|-----------|-------|--------------|-----------|-----|----------|--------------|----------------|
| | | Unit rate | Phy | Fin | Unit rate | Phy | Fin | Unit rate | Phy | Fin | Phy | Fin |
| 1 | 2 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| A | Semi Mechanical Method of Plantation (21.32 Ha) | | | | | | | | | | | |
| 1 | Raising of Nurseries | | | 0 | | | 0 | | | 0 | 40500 | 6.056 |
| 2 | Maintenance of Nurseries | | | 0 | | | 0 | | | 0 | 41000 | 2.058 |
| 3 | Advance operations | | | 0 | | | 0 | | | 0 | 21.32 | 16.651 |
| 4 | Raising of Plantations | | | 0 | | | 0 | | | 0 | 21.32 | 26.948 |
| 5 | 1st year maintenance | | | 0 | | | 0 | | | 0 | 21.32 | 9.786 |
| 6 | 2nd year maintenance | | | 0 | | | 0 | | | 0 | 21.32 | 10.724 |
| 7 | 3rd year maintenance | | | 0 | | | 0 | | | 0 | 21.32 | 6.183 |
| 8 | 4th year maintenance | | | 0 | | | 0 | | | 0 | 21.32 | 6.524 |
| 9 | 5th year maintenance | | | 0 | | | 0 | | | 0 | 21.32 | 5.095 |
| 10 | 6th year maintenance | | | 0 | | | 0 | | | 0 | 21.32 | 5.607 |
| 11 | 7th year maintenance | | | 0 | | | 0 | | | 0 | 21.32 | 6.161 |
| 12 | 8th year maintenance | | | 0 | | | 0 | | | 0 | 21.32 | 6.780 |
| 13 | 9th year maintenance | 35000 | 21.32 | 7.462 | | | 0 | | | 0 | 21.32 | 7.462 |
| 14 | 10th year maintenance | | | 0 | 38500 | 21.32 | 8.208 | 0 | 0 | 0 | 21.32 | 8.208 |
| | Total | | | 7.462 | | | 8.208 | | | 0 | 21.32 | 124.244 |
| B | Fencing the plantation area with chainlink fence (Rmt) | | | 0 | | | 0 | | | 0 | 1800 | 17.424 |
| C | Overheads (10% of plantation cost) | | | 0.746 | | | 0.821 | | | 0 | 0 | 12.424 |
| | Total | | | 0.746 | | | 0.821 | | | 0 | | 29.848 |
| | | | | | | | | | | | | |
| | TOTAL (For 21.32 Ha) | | | 8.208 | | | 9.029 | | | 0 | 21.32 | 154.092 |

| SI No. | Description | 2019-20 | | | 2020-21 | | | 2021-22 | | | 2022-23 | | | 2023-24 | | |
|--|---|-----------|--------|----------------|-----------|---------------|----------------|-----------|--------------|----------------|-----------|----------|----------------|-----------|----------|---------------|
| | | Unit rate | Phy | Fin | Unit rate | Phy | Fin | Unit rate | Phy | Fin | Unit rate | Phy | Fin | Unit rate | Phy | Fin |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| III Action Plan for 182.46 Ha in Sy. No. 578 of M. Kambaladinne Village, Muddanur Range | | | | | | | | | | | | | | | | |
| A | Trench Cum Pit Method of Plantation (182.46 Ha) | | | | | | | | | | | | | | | |
| 1 | Raising of Nurseries | 14300 | 133500 | 19.091 | 15700 | 138000 | 21.666 | 17300 | 51000 | 8.823 | 19000 | 23000 | 4.370 | | | 0 |
| 2 | Maintenance of Nurseries | | | 0 | 4800 | 133500 | 6.408 | 5300 | 138000 | 7.314 | 5800 | 51000 | 2.958 | 6400 | 23000 | 1.472 |
| 3 | Advance operations | 253000 | 100.00 | 253.000 | 278300 | 82.46 | 229.486 | | | 0 | | | 0 | | | 0 |
| 4 | Raising of Plantations | | | 0 | 98000 | 100.00 | 98.000 | 107800 | 82.46 | 88.892 | | | 0 | | | 0 |
| 5 | 1st year maintenance | | | 0 | | | 0 | 67900 | 100.00 | 67.900 | 74700 | 82.46 | 61.598 | | | 0 |
| 6 | 2nd year maintenance | | | 0 | | | 0 | | | 0 | 33700 | 100.00 | 33.700 | 37100 | 82.46 | 30.593 |
| 7 | 3rd year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | 24200 | 100.00 | 24.200 |
| 8 | 4th year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 9 | 5th year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 10 | 6th year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 11 | 7th year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 12 | 8th year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 13 | 9th year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 14 | 10th year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| | Total | | | 272.091 | | 100.00 | 355.560 | | 82.46 | 172.929 | | 0 | 102.626 | | 0 | 56.265 |
| B | Construction of Big Percolation Tank with water impounding capacity of 0.15 TMC | 110.000 | 1 | 110.000 | 0 | 0 | 0 | | 0 | 0 | | | 0 | | | 0 |
| C | Fencing the plantation area with chainlink fence (Rmt) | 968 | 5400 | 52.272 | | | 0 | | | 0 | | | 0 | | | 0 |
| D | Overheads (10% of plantation cost) | | | 27.209 | | | 35.556 | | | 17.293 | | | 10.263 | | | 5.626 |
| | Total | | | 189.481 | | | 35.556 | | | 17.293 | | | 10.263 | | | 5.626 |
| | | | | | | | | | | | | | | | | |
| TOTAL (For 182.46 Ha) | | | | 461.572 | | 100.00 | 391.116 | | 82.46 | 190.222 | | | 112.888 | | | 61.891 |

| SI No. | Description | 2024-25 | | | 2025-26 | | | 2026-27 | | | 2027-28 | | | 2028-29 | | |
|----------|---|-----------|----------|---------------|-----------|----------|---------------|-----------|----------|---------------|-----------|----------|---------------|-----------|----------|---------------|
| | | Unit rate | Phy | Fin | Unit rate | Phy | Fin | Unit rate | Phy | Fin | Unit rate | Phy | Fin | Unit rate | Phy | Fin |
| 1 | 2 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| A | Trench Cum Pit Method of Plantation (182.46 Ha) | | | | | | | | | | | | | | | |
| 1 | Raising of Nurseries | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 2 | Maintenance of Nurseries | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 3 | Advance operations | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 4 | Raising of Plantations | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 5 | 1st year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 6 | 2nd year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 7 | 3rd year maintenance | 26600 | 82.46 | 21.934 | | | 0 | | | 0 | | | 0 | | | 0 |
| 8 | 4th year maintenance | 24900 | 100.00 | 24.900 | 27400 | 82.46 | 22.594 | | | 0 | | | 0 | | | 0 |
| 9 | 5th year maintenance | | | 0 | 13600 | 100.00 | 13.600 | 15000 | 82.46 | 12.369 | | | 0 | | | 0 |
| 10 | 6th year maintenance | | | 0 | | | 0 | 15000 | 100.00 | 15.000 | 16500 | 82.46 | 13.606 | | | 0 |
| 11 | 7th year maintenance | | | 0 | | | 0 | | | 0 | 16500 | 100.00 | 16.500 | 18200 | 82.46 | 15.008 |
| 12 | 8th year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | 18200 | 100.00 | 18.200 |
| 13 | 9th year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 14 | 10th year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| | Total | | 0 | 46.834 | | 0 | 36.194 | | 0 | 27.369 | | 0 | 30.106 | | 0 | 33.208 |
| B | Construction of Big Percolation Tank with water impounding capacity of 0.15 TMC | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| C | Fencing the plantation area with chainlink fence (Rmt) | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| D | Overheads (10% of plantation cost) | | | 4.683 | | | 3.619 | | | 2.737 | | | 3.011 | | | 3.321 |
| | Total | | 0 | 4.683 | | 0 | 3.619 | | 0 | 2.737 | | 0 | 3.011 | | | 3.321 |
| | | | | | | | | | | | | | | | | |
| | TOTAL (For 182.46 Ha) | | | 51.518 | | | 39.813 | | | 30.106 | | | 33.116 | | | 36.528 |

| Sl No. | Description | 2029-30 | | | 2030-31 | | | 2031-32 | | | Total | |
|----------|---|-----------|--------|---------------|-----------|--------|---------------|-----------|-------|---------------|---------------|-----------------|
| | | Unit rate | Phy | Fin | Unit rate | Phy | Fin | Unit rate | Phy | Fin | Phy | Fin |
| 1 | 2 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| A | Trench Cum Pit Method of Plantation (182.46 Ha) | | | | | | | | | | | |
| 1 | Raising of Nurseries | | | 0 | | | 0 | | | 0 | 345500 | 53.950 |
| 2 | Maintenance of Nurseries | | | 0 | | | 0 | | | 0 | 345500 | 18.152 |
| 3 | Advance operations | | | 0 | | | 0 | | | 0 | 182.46 | 482.486 |
| 4 | Raising of Plantations | | | 0 | | | 0 | | | 0 | 182.46 | 186.892 |
| 5 | 1st year maintenance | | | 0 | | | 0 | | | 0 | 182.46 | 129.498 |
| 6 | 2nd year maintenance | | | 0 | | | 0 | | | 0 | 182.46 | 64.293 |
| 7 | 3rd year maintenance | | | 0 | | | 0 | | | 0 | 182.46 | 46.134 |
| 8 | 4th year maintenance | | | 0 | | | 0 | | | 0 | 182.46 | 47.494 |
| 9 | 5th year maintenance | | | 0 | | | 0 | | | 0 | 182.46 | 25.969 |
| 10 | 6th year maintenance | | | 0 | | | 0 | | | 0 | 182.46 | 28.606 |
| 11 | 7th year maintenance | | | 0 | | | 0 | | | 0 | 182.46 | 31.508 |
| 12 | 8th year maintenance | 20000 | 82.46 | 16.492 | | | 0 | | | 0 | 182.46 | 34.692 |
| 13 | 9th year maintenance | 20000 | 100.00 | 20.000 | 22000 | 82.46 | 18.141 | | | 0 | 182.46 | 38.141 |
| 14 | 10th year maintenance | | | 0 | 22000 | 100.00 | 22.000 | 24200 | 82.46 | 19.955 | 182.46 | 41.955 |
| | Total | | | 36.492 | | | 40.141 | | | 19.955 | 182.46 | 1229.769 |
| B | Construction of Big Percolation Tank with water impounding capacity of 0.15 TMC | | | 0 | | | 0 | | | 0 | 1 | 110.000 |
| C | Fencing the plantation area with chainlink fence (Rmt) | | | 0 | | | 0 | | | 0 | 5400 | 52.272 |
| D | Overheads (10% of plantation cost) | | | 3.649 | | | 4.014 | | | 1.996 | | 122.977 |
| | Total | | | 3.649 | | | 4.014 | | | 1.996 | | 285.249 |
| | | | | | | | | | | | | |
| | TOTAL (For 182.46 Ha) | | | 40.141 | | | 44.155 | | | 21.951 | 182.46 | 1515.018 |

| SI No. | Description | 2019-20 | | | 2020-21 | | | 2021-22 | | | 2022-23 | | | 2023-24 | | |
|--|--------------------------|-----------|-------|---------------|-----------|--------------|---------------|-----------|----------|---------------|-----------|----------|---------------|-----------|----------|--------------|
| | | Unit rate | Phy | Fin | Unit rate | Phy | Fin | Unit rate | Phy | Fin | Unit rate | Phy | Fin | Unit rate | Phy | Fin |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| IV Action Plan for 45.09 Ha in Sy. No. 583 of M. Kambaladinne Village, Muddanur Range | | | | | | | | | | | | | | | | |
| A Semi Mechanical Method of Plantation (30.00 Ha) | | | | | | | | | | | | | | | | |
| 1 | Raising of Nurseries | 14300 | 40000 | 5.720 | 15700 | 8500 | 1.335 | 17300 | 8500 | 1.471 | 0 | | 0 | | | 0 |
| 2 | Maintenance of Nurseries | | | 0 | 4800 | 40000 | 1.920 | 5300 | 8500 | 0.451 | 5800 | 8500 | 0.493 | 0 | | 0 |
| 3 | Advance operations | 78100 | 30.00 | 23.430 | | 0 | 0 | | | 0 | | | 0 | | | 0 |
| 4 | Raising of Plantations | | | 0 | 139000 | 30.00 | 41.700 | | | 0 | | | 0 | | | 0 |
| 5 | 1st year maintenance | | | 0 | | | 0 | 45900 | 30.00 | 13.770 | | | 0 | | | 0 |
| 6 | 2nd year maintenance | | | 0 | | | 0 | | | 0 | 50300 | 30.00 | 15.090 | | | 0 |
| 7 | 3rd year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | 29000 | 30.00 | 8.700 |
| 8 | 4th year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 9 | 5th year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 10 | 6th year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 11 | 7th year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 12 | 8th year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 13 | 9th year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 14 | 10th year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| | Total | | | 29.150 | | 30.00 | 44.955 | | 0 | 15.691 | | 0 | 15.583 | | 0 | 8.700 |
| B Trench Cum Pit Method of Plantation (15.09 Ha) | | | | | | | | | | | | | | | | |
| 1 | Raising of Nurseries | 14300 | 20200 | 2.889 | 15700 | 4200 | 0.659 | 17300 | 4200 | 0.727 | 0 | | 0 | | | 0 |
| 2 | Maintenance of Nurseries | | | 0 | 4800 | 20200 | 0.970 | 5300 | 4200 | 0.223 | 5800 | 4200 | 0.244 | 0 | | 0 |
| 3 | Advance operations | 253000 | 15.09 | 38.178 | | 0 | 0 | | | 0 | | | 0 | | | 0 |

| Sl No. | Description | 2024-25 | | | 2025-26 | | | 2026-27 | | | 2027-28 | | | 2028-29 | | |
|----------|--|-----------|----------|--------------|-----------|----------|--------------|-----------|----------|--------------|-----------|----------|--------------|-----------|----------|--------------|
| | | Unit rate | Phy | Fin | Unit rate | Phy | Fin | Unit rate | Phy | Fin | Unit rate | Phy | Fin | Unit rate | Phy | Fin |
| 1 | 2 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| A | Semi Mechanical Method of Plantation (30.00 Ha) | | | | | | | | | | | | | | | |
| 1 | Raising of Nurseries | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 2 | Maintenance of Nurseries | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 3 | Advance operations | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 4 | Raising of Plantations | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 5 | 1st year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 6 | 2nd year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 7 | 3rd year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 8 | 4th year maintenance | 30600 | 30.00 | 9.180 | | | 0 | | | 0 | | | 0 | | | 0 |
| 9 | 5th year maintenance | | | 0 | 23900 | 30.00 | 7.170 | | | 0 | | | 0 | | | 0 |
| 10 | 6th year maintenance | | | 0 | | | 0 | 26300 | 30.00 | 7.890 | | | 0 | | | 0 |
| 11 | 7th year maintenance | | | 0 | | | 0 | | | 0 | 28900 | 30.00 | 8.670 | | | 0 |
| 12 | 8th year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | 31800 | 30.00 | 9.540 |
| 13 | 9th year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 14 | 10th year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| | Total | | 0 | 9.180 | | 0 | 7.170 | | 0 | 7.890 | | 0 | 8.670 | | 0 | 9.540 |
| B | Trench Cum Pit Method of Plantation (15.09 Ha) | | | | | | | | | | | | | | | |
| 1 | Raising of Nurseries | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 2 | Maintenance of Nurseries | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 3 | Advance operations | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |

| SI No. | Description | 2029-30 | | | 2030-31 | | | 2031-32 | | | Total | |
|----------|--|-----------|-------|---------------|-----------|-------|---------------|-----------|-----|----------|--------------|----------------|
| | | Unit rate | Phy | Fin | Unit rate | Phy | Fin | Unit rate | Phy | Fin | Phy | Fin |
| 1 | 2 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| A | Semi Mechanical Method of Plantation (30.00 Ha) | | | | | | | | | | | |
| 1 | Raising of Nurseries | | | 0 | | | 0 | | | 0 | 57000 | 8.525 |
| 2 | Maintenance of Nurseries | | | 0 | | | 0 | | | 0 | 57000 | 2.864 |
| 3 | Advance operations | | | 0 | | | 0 | | | 0 | 30.00 | 23.430 |
| 4 | Raising of Plantations | | | 0 | | | 0 | | | 0 | 30.00 | 41.700 |
| 5 | 1st year maintenance | | | 0 | | | 0 | | | 0 | 30.00 | 13.770 |
| 6 | 2nd year maintenance | | | 0 | | | 0 | | | 0 | 30.00 | 15.090 |
| 7 | 3rd year maintenance | | | 0 | | | 0 | | | 0 | 30.00 | 8.700 |
| 8 | 4th year maintenance | | | 0 | | | 0 | | | 0 | 30.00 | 9.180 |
| 9 | 5th year maintenance | | | 0 | | | 0 | | | 0 | 30.00 | 7.170 |
| 10 | 6th year maintenance | | | 0 | | | 0 | | | 0 | 30.00 | 7.890 |
| 11 | 7th year maintenance | | | 0 | | | 0 | | | 0 | 30.00 | 8.670 |
| 12 | 8th year maintenance | | | 0 | | | 0 | | | 0 | 30.00 | 9.540 |
| 13 | 9th year maintenance | 35000 | 30.00 | 10.500 | | | 0 | | | 0 | 30.00 | 10.500 |
| 14 | 10th year maintenance | | | 0 | 38500 | 30.00 | 11.550 | 0 | 0 | 0 | 30.00 | 11.550 |
| | Total | | | 10.500 | | | 11.550 | | | 0 | 30.00 | 178.579 |
| B | Trench Cum Pit Method of Plantation (15.09 Ha) | | | | | | | | | | | |
| 1 | Raising of Nurseries | | | 0 | | | 0 | | | 0 | 28600.00 | 4.275 |
| 2 | Maintenance of Nurseries | | | 0 | | | 0 | | | 0 | 28600.00 | 1.436 |
| 3 | Advance operations | | | 0 | | | 0 | | | 0 | 15.09 | 38.178 |

| SI No. | Description | 2019-20 | | | 2020-21 | | | 2021-22 | | | 2022-23 | | | 2023-24 | | |
|--------|--|-----------|------|-----------------|-----------|---------------|----------------|-----------|--------------|----------------|-----------|----------|----------------|-----------|----------|----------------|
| | | Unit rate | Phy | Fin | Unit rate | Phy | Fin | Unit rate | Phy | Fin | Unit rate | Phy | Fin | Unit rate | Phy | Fin |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 4 | Raising of Plantations | | | 0 | 98000 | 15.09 | 14.788 | | | 0 | | | 0 | | | 0 |
| 5 | 1st year maintenance | | | 0 | | | 0 | 67900 | 15.09 | 10.246 | | | 0 | | | 0 |
| 6 | 2nd year maintenance | | | 0 | | | 0 | | | 0 | 33700 | 15.09 | 5.085 | | | 0 |
| 7 | 3rd year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | 24200 | 15.09 | 3.652 |
| 8 | 4th year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 9 | 5th year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 10 | 6th year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 11 | 7th year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 12 | 8th year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 13 | 9th year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 14 | 10th year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| | Total | | | 41.066 | | 15.09 | 16.417 | | 0 | 11.195 | | 0 | 5.329 | | 0 | 3.652 |
| C | Fencing the plantation area with chainlink fence (Rmt) | 968 | 2700 | 26.136 | | | 0 | | | 0 | | | 0 | | | 0 |
| D | Overheads (10% of plantation cost) | | | 7.022 | | | 6.137 | | | 2.689 | | | 2.091 | | | 1.235 |
| | Total | | | 33.158 | | | 6.137 | | | 2.689 | | | 2.091 | | | 1.235 |
| | TOTAL (For 45.09 Ha) | | | 103.374 | | 45.09 | 67.509 | | | 29.575 | | | 23.003 | | | 13.587 |
| | GRAND TOTAL | | | 1025.157 | | 353.22 | 745.646 | | 82.46 | 360.358 | | | 238.911 | | | 137.288 |

| SI No. | Description | 2024-25 | | | 2025-26 | | | 2026-27 | | | 2027-28 | | | 2028 | | |
|--------|--|-----------|----------|----------------|-----------|----------|---------------|-----------|----------|---------------|-----------|----------|---------------|-----------|----------|----------------|
| | | Unit rate | Phy | Fin | Unit rate | Phy | Fin | Unit rate | Phy | Fin | Unit rate | Phy | Fin | Unit rate | Phy | Fin |
| 1 | 2 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 |
| 4 | Raising of Plantations | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 5 | 1st year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 6 | 2nd year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 7 | 3rd year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 8 | 4th year maintenance | 24900 | 15.09 | 3.757 | | | 0 | | | 0 | | | 0 | | | 0 |
| 9 | 5th year maintenance | | | 0 | 13600 | 15.09 | 2.052 | | | 0 | | | 0 | | | 0 |
| 10 | 6th year maintenance | | | 0 | | | 0 | 15000 | 15.09 | 2.264 | | | 0 | | | 0 |
| 11 | 7th year maintenance | | | 0 | | | 0 | | | 0 | 16500 | 15.09 | 2.490 | | | 0 |
| 12 | 8th year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | 18200 | 15.09 | 2.746 |
| 13 | 9th year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| 14 | 10th year maintenance | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| | Total | | 0 | 3.757 | | 0 | 2.052 | | 0 | 2.264 | | 0 | 2.490 | | 0 | 2.746 |
| C | Fencing the plantation area with chainlink fence (Rmt) | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 |
| D | Overheads (10% of plantation cost) | | | 1.294 | | | 0.922 | | | 1.015 | | | 1.116 | | | 1.229 |
| | Total | | 0 | 1.294 | | 0 | 0.922 | | 0 | 1.015 | | 0 | 1.116 | | | 1.229 |
| | TOTAL (For 45.09 Ha) | | | 14.231 | | | 10.144 | | | 11.169 | | | 12.276 | | | 13.515 |
| | GRAND TOTAL | | | 130.363 | | | 94.840 | | | 90.696 | | | 99.716 | | | 109.861 |

| Sl No. | Description | 2029-30 | | | 2030-31 | | | 2031-32 | | | Total | |
|----------|--|-----------|-------|----------------|-----------|-------|----------------|-----------|-----|---------------|---------------|-----------------|
| | | Unit rate | Phy | Fin | Unit rate | Phy | Fin | Unit rate | Phy | Fin | Phy | Fin |
| | | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 |
| 1 | 2 | | | | | | | | | | | |
| 4 | Raising of Plantations | | | 0 | | | 0 | | | 0 | 15.09 | 14.788 |
| 5 | 1st year maintenance | | | 0 | | | 0 | | | 0 | 15.09 | 10.246 |
| 6 | 2nd year maintenance | | | 0 | | | 0 | | | 0 | 15.09 | 5.085 |
| 7 | 3rd year maintenance | | | 0 | | | 0 | | | 0 | 15.09 | 3.652 |
| 8 | 4th year maintenance | | | 0 | | | 0 | | | 0 | 15.09 | 3.757 |
| 9 | 5th year maintenance | | | 0 | | | 0 | | | 0 | 15.09 | 2.052 |
| 10 | 6th year maintenance | | | 0 | | | 0 | | | 0 | 15.09 | 2.264 |
| 11 | 7th year maintenance | | | 0 | | | 0 | | | 0 | 15.09 | 2.490 |
| 12 | 8th year maintenance | | | 0 | | | 0 | | | 0 | 15.09 | 2.746 |
| 13 | 9th year maintenance | 20000 | 15.09 | 3.018 | | | 0 | | | 0 | 15.09 | 3.018 |
| 14 | 10th year maintenance | | | 0 | 22000 | 15.09 | 3.320 | | 0 | 0 | 15.09 | 3.320 |
| | Total | | | 3.018 | | | 3.320 | | | 0 | 15.09 | 97.307 |
| C | Fencing the plantation area with chainlink fence (Rmt) | | | 0 | | | 0 | | | 0 | 2700 | 26.136 |
| D | Overheads (10% of plantation cost) | | | 1.352 | | | 1.485 | | | 0 | 0 | 27.587 |
| | Total | | | 1.352 | | | 1.485 | | | 0 | | 53.723 |
| | TOTAL (For 45.09 Ha) | | | 14.870 | | | 16.355 | | | 0 | 45.09 | 329.608 |
| | GRAND TOTAL | | | 120.817 | | | 132.897 | | | 21.951 | 435.68 | 3308.500 |

10000
Divisional Forest Officer
Proddatur (WL) Division

Data sheet for Laying of Chain Link Mesh

| Sl No. | Description of work | Nos | Measurements in Mts | | | Quantity | Rate / Per | Amount |
|--------|---|----------|---------------------|---------|--------|----------|------------|------------|
| | | | Length | Breadth | Height | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 1 | Earth work excavation for structures as per drawing and technical specifications clause 305.1 in Hard Soils including setting out construction of shoring and bracing removal of stumps and other deleterious material and disposal up to a lead of 50m includi | | | | | | | |
| | For CC Poles Pillars | 1 x 2000 | 0.45 | 0.45 | 0.45 | 182.25 | | |
| | For Gate Pillars | 1 x 2 | 0.45 | 0.45 | 0.90 | 0.36 | | |
| | | | | | | 182.61 | 134.68 | 24594.52 |
| | | | | | | Cum | / Cum | |
| 2 | Cement Concret (1: 2: 4) by using 20 mm HBG Metal including cost and conveyance of all materials and labour chares etc. | | | | | | | |
| | CC Poles | 1x 2000 | 0.45 | 0.45 | 0.45 | 182.25 | | |
| | Gate pillars | 1 x 2 | 0.45 | 0.45 | 0.90 | 0.36 | | |
| | | | | | | 182.61 | | |
| | | | | | | Cum | | |
| | Deduct CC Pole | 1 x 2002 | 0.45 | 0.15 | 0.1 | 13.51 | | |
| | | | | | | 169.10 | 5989.70 | 1012864.26 |
| | | | | | | Cum | / Cum | |
| 3 | Cost of concrete fencing poles over a size of 2x1.5x0.10 | | | | | | | |
| | | 1 x 2000 | 0 | 0 | 0 | 2000.00 | | |
| | | | | | | 2000.00 | 700.00 | |
| | | | | | | Nos | / No | 1400000.00 |
| 4 | Transportation of concrete fencing poles over a size of 2x1.5x0.10 | 1 x 2000 | | | | | Actuals | 250000.00 |
| 5 | Hot dipped galvanized iron chain link mesh 8 guage (4.0 MM) 4"x 4" | 1 x 1 | 4600.00 | 0 | 1.50 | 6900.00 | | |
| | | | | | | 6900.00 | 239.00 | 1649100.00 |
| | | | | | | Sq. Mt | / Sq. Mt | |
| 6 | Fixing of 16 guage chain link mesh duly pulling tightening welding the chain link to the "L" Angle frame duly welding Horizontally allround the angles with 1"x3"mm size 21/2 small clips, and chain link at the middle over the "L" angular frame and wel | | | | | | | |
| | | | | | | 6000.00 | 68.00 | 408000.00 |
| | | | | | | Sq. mts | / Sq. Mt | |
| 7 | Cost of GI Wire for fixing of chain link mesh | | | | | 8.00 | 180.00 | 1440.00 |
| | | | | | | Sqmt | per Sq. Mt | |
| 8 | Cost of Iron Gate | | | | | 1.00 | 25000.00 | 25000.00 |
| | | | | | | No | Each | |
| 9 | Contingencies for unforeseen items and Labour charges | | | | | | | 1001.22 |
| | | | | | | TOTAL | | 4772000.00 |

For 1 Rmt = 4772000 / 6000 = 795 per Rmt or 800 per Rmt

for 6000 Rmt

Add 10% escalation on unit rate of every year

Unit Rate for 2018 - 19

Unit Rate for 2019 - 20

Unit Rate for 2020 - 21

880 per Rmt

968 per Rmt

1065 per Rmt

Divisional Forest Officer
Proddatur (WL) Division

23/7/19

DATA SHEET FOR PRIMARY BED SIZE 1.00 Mt X 1.00 Mt X 0.30 Mt

Unit - 1 Bed @ 250 Nos.


| Qty. | Details of works | 2018 - 19 FSR Item No. | Rate | Unit | Amount |
|------------------|--|---------------------------|--------|------------|----------------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1 No. | Preparation of New site - by clearing misceleneous unvaible Jungle growth, uprootal of stumps and removal of surface stones, pebbles etc., | 01-02-001 | 5.37 | Bed | 5.37 |
| 1 No. | Digging soil to a depth of 30 cm. (as per CSSR) | 01-02-003 | 39.78 | Bed | 39.78 |
| 1 No. | Cost of sandy soil 50% of dugged quantity and transportation taken from private lands, with 5 kms lead loading and unloading charges by mannual means (Sandy soil and FYM. in 5:1 proprtion) 0.125 cum per bed. (as per CSSR) | 01-02-004 | 32.61 | Bed | 32.61 |
| 1 No. | Cost and transport of Farm yard manure (Sandy soil and FYM. in 5:1 proprtion) 0.025 cum per bed. | 01-02-005 | 100.00 | Bed | 100.00 |
| 1 No. | Preparation of soil mixture of red earth/sand and farm yard manure in 5:1 proportion and formation of bed by refilling the excavated portion of the bed and filling of bed. | 01-02-006 | 11.11 | Bed | 11.11 |
| 1 No. | Cost of seed | 01-02-007 | 134.09 | Bed | 134.09 |
| 1 No. | Sowing of seed and covering the bed with hay including cost and conveyance to a thickness of 2.5 cm. | 01-02-008 | 12.63 | Bed | 12.63 |
| 1 No. / 2 months | Watering the primary nursery beds with rose water cans for a maximum period of 2 months. | 01-02-009 | 14.17 | Bed/ month | 28.34 |
| 1 No. / 2 times | Weeding the primary beds. Maximum of 2 times | 01-02-010 | 2.10 | Bed/ month | 4.20 |
| | Contingencies | | | | 31.87 |
| | TOTAL | | | | 400.00 |
| | | | | | Per Bed |

Divisional Forest Officer
Proddatur (WL) Division

DATA SHEET FOR RAISING OF 4"x7"x200 guage Nursery

Unit - 1000 Nos

| Qty. | Details of works | 2018-19 FSR Item No. | Rate | Unit | Amount |
|--------|--|-------------------------|--------|----------------------|----------------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1 Bed | Site preparation for old site- Clearing of growth, weeds, grass etc. | 01.03.002 | 13.60 | Bed | 13.6 |
| | Cost and transport of ingradient for Potting mixture Red Soil and Clayey Soil in 2:1 ratio. (as per CSSR 2011-12) | | | | |
| 1100 | 10 cm X 17.5 cm (4" X 7") - 0.56 cum. | 01-03-003 | 146.33 | 1000.00 | 160.96 |
| | Preparation of potting mixture Red Soil and Clayey Soil in 2:1 ratio by powdering of various ingradient, sieving and mixing them in the prescribed proporation, Opening the bags and filling with potting mixture and gently pressing the same with finger tip and arranging in beds. | | | | |
| 1100 | 10 cm X 17.5 cm (4" X 7") - 0.56 cum. | 01-03-008 | 444.68 | 1000.00 | 489.15 |
| 2 Kgs | Cost of polythene bags | 01-03-013 | 159.00 | Kg | 318.00 |
| 4 Beds | Cost of Primary Bed | As per data | 400.00 | Per Bed | 1600.00 |
| 1100 | Picking out seedlings from primary beds and transplanting in bags. | 01-03-014 | 144.12 | 1000.00 | 158.53 |
| 1000 | Cost of Cow dung slurry | 01.03.023 | 250.00 | 1000.00 | 250.00 |
| 1000 | Application of Cow dung slurry once in Raising year | 01.03.024 | 213.32 | 1000.00 per time | 213.32 |
| 0.4 | Watering the plants twice a day for 10 m X 1 m size bed (2600 4" X 7" bags; 1700 5" X9" bags ; 1100 6"X12" bags and 800 8"X12" bags) (For 2 Months) | 01-03-016 | 266.41 | Per bed/ month | 213.13 |
| 0.4 | Weeding only two times for 10 m X 1 m size bed (2600 4" X 7" bags; 1700 5" X9" bags ; 1100 6"X12" bags and 800 8"X12" bags) (For 2 Months) | 01-03-017 | 51.36 | Per bed / weeding | 41.09 |
| 0.4 | Shifting and grading and re-arranging in beds for 10 m X 1 m size bed (2600 4" X 7" bags; 1700 5" X9" bags ; 1100 6"X12" bags and 800 8"X12" bags) Only once. | 01-03-018 | 235.44 | Per bed/ shifting | 94.18 |
| 1000 | Cost of chemicals, insecticides, pesticides etc., | 01-03-019 | 250.00 | LS | 250.00 |
| 14 | <u>Brush wood fencing around the Nursery Site:</u> 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 1.5m and fenceing material should be fixed in 2 rows (staggered) at 30 cms apart. The fence should be tightened horizontally by tying with thorny reepers on both sides. | 01-03-028 | 27.12 | Rmt | 379.68 |
| | Cost of Protection (One watcher is allowed upto 100 beds nursery under all the schemes and more than 100 beds one more watcher is allowed.) (as per proceedings of Dist. Collector, Kadapa Rc. No. A / 1098 / 2016, Dt. 07-12-2016) | 01-03-030 | 68.00 | Bed / PM | 306.00 |
| | Contingencies / Cost of Pipes / Nursery Board / Nursery implements / Electricity Bill/ Running and Maintenance Charges of Oil Engine etc. | 01-03-027 | | LS | 112.36 |
| | | | | TOTAL | 4600.00 |


 Divisional Forest Officer
 Proddatur (WL) Division


DATA SHEET FOR RAISING OF 8" x 12" X 400G PPS

Unit - 1000 Nos

| Qty. | Details of works | 2018-19 FSR Item No. | Rate | Unit | Amount |
|----------|--|-------------------------|---------|----------------------|--------------------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 13.00 | Cost of Polythene Bags | 01.03.013 | 159.00 | Kg | 2067.00 |
| | Cost and transport of ingredients for Potting mixture Red Soil and Clayey Soil in 2:1 ratio. (as per CSSR 2011-12) | | | | |
| 1100 | 20 cm X 30 cm (8" X 12") - (3.82-0.56) cum. Conversion from 4"x7 to 8"x12" bag | 01-03-007 | 852.43 | 1000.00 | 937.67 |
| | Preparation of potting mixture Red Soil and Clayey Soil in 2:1 ratio by powdering of various ingredients, sieving and mixing them in the prescribed proportion, Opening the bags and filling with potting mixture and gently pressing the same with finger tip and arranging in beds. | | | | |
| 1100 | 20 cm X 30 cm (8" X 12") - (3.82-0.56) cum. Conversion from 4"x7 to 8"x12" bag | 01-03-012 | 2451.59 | 1000.00 | 2696.75 |
| 1100 Nos | Cost of 4" x 7" size bag plants | As per Data | 4600.00 | 1000 Nos | 5060.00 |
| 1.3 | Watering the plants twice a day for 10 m X 1 m size bed (2600 4" X 7" bags; 1700 5" X9" bags ; 1100 6"X12" bags and 800 8"X12" bags) (for 3 months) | 01-03-016 | 266.41 | Per bed/ month | 1039.00 |
| 1.3 | Weeding only two times for 10 m X 1 m size bed (2600 4" X 7" bags; 1700 5" X9" bags ; 1100 6"X12" bags and 800 8"X12" bags) (For 3 Months) | 01-03-017 | 51.36 | Per bed / weeding | 200.30 |
| 1.3 | Shifting and grading and re-arranging in beds for 10 m X 1 m size bed (2600 4" X 7" bags; 1700 5" X9" bags ; 1100 6"X12" bags and 800 8"X12" bags) Only once. | 01-03-018 | 235.44 | Per bed/ shifting | 306.07 |
| 1000 | Cost of chemicals, insecticides, pesticides etc., | 01-03-019 | 300.00 | LS | 300.00 |
| | Cost of Protection (One watcher is allowed upto 100 beds nursery under all the schemes and more than 100 beds one more watcher is allowed.) (as per proceedings of Dist. Collector, Kadapa Rc. No. A / 1098 / 2016, Dt. 07-12-2016) | 01-03-030 | 68.00 | Bed / PM | 306.00 |
| | Contingencies / Cost of Pipes / Nursery Board / Nursery implements / Electricity Bil I/ Running and Maintenance Charges of Oil Engine etc. | 01-03-027 | | LS | 87.20 |
| | | | | TOTAL | 13000.00 |
| | | | | | / 1000 Nos. |

Add 10% escalation on unit rate of every year

| | |
|-----------------------|-------|
| Unit rate per 2019-20 | 14300 |
| Unit rate per 2020-21 | 15700 |
| Unit rate per 2021-22 | 17300 |
| Unit rate per 2022-23 | 19000 |
| Unit rate per 2023-24 | 20900 |


 Divisional Forest Officer
 Proddatur (WL) Division



Data sheet for Maintenance of Nursery of 8"x12"X400G PPS

Unit - 1000 Nos

| Qty. | Details of works | 2018-19 FSR Item No. | Rate | Unit | Amount |
|------|---|-------------------------|--------|-------------------|--------------------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1.3 | Watering the plants twice a day for 10 m X 1 m size bed (2600 4" X 7" bags; 1700 5" X9" bags ; 1100 6"X12" bags and 800 8"X12" bags) (for 5 months) | 01-03-020 | 266.41 | Per bed / month | 1731.67 |
| 1.3 | Weeding only two times for 10 m X 1 m size bed (2600 4" X 7" bags; 1700 5" X9" bags ; 1100 6"X12" bags and 800 8"X12" bags) (For 5 Months) | 01-03-021 | 51.36 | Per bed / weeding | 333.84 |
| 1.3 | Shifting and grading and re-arranging in beds for 10 m X 1 m size bed (2600 4" X 7" bags; 1700 5" X9" bags ; 1100 6"X12" bags and 800 8"X12" bags) - 2 times | 01-03-022 | 235.44 | Per bed/ shifting | 612.14 |
| 1000 | Cost of Cow dung slurry for 2 times | 01-03-023 | 250.00 | 1000 Nos per time | 500.00 |
| 1000 | Application of cow dung slurry at the rate of 100 MI to 200 MI per plant - 2 times | 01.03.024 | 213.32 | 1000.00 per time | 426.64 |
| | Cost of Protection (One watcher is allowed upto 100 beds nursery under all the schemes and more than 100 beds one more watcher is allowed.) (as per proceedings of Dist. Collector, Kadapa Rc. No. A / 1098 / 2016, Dt. 07-12-2016) | 01-03-030 | 68.00 | Bed / PM | 306.00 |
| | Contingencies / Cost of Pipes / Nursery Board / Nursery implements / Electricity Bil / Running and Maintenance Charges of Oil Engine etc. | 01-03-027 | | LS | 89.71 |
| | | | | TOTAL | 4000.00 |
| | | | | | / 1000 Nos. |

Add 10% escalation on unit rate of every year

| | |
|-----------------------|------|
| Unit rate per 2019-20 | 4400 |
| Unit rate per 2020-21 | 4800 |
| Unit rate per 2021-22 | 5300 |
| Unit rate per 2022-23 | 5800 |
| Unit rate per 2023-24 | 6400 |


 Divisional Forest Officer
 Proddatur (WL) Division


 23/11/23


Data Sheet for Advance operations - SMM

Espacement : 3 Mt x 3 Mt, Unit - 1 Ha

| Quantity | Unit | Item of Work | 2018-19 FSR Item No. | Rate | Per | Amount |
|----------|------|--|----------------------------|----------|------------|----------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 1 | Ha | Survey with GPS (Only staff to carry out) one manday is allowed for assistance | 02-02-001 | 207.85 | Plantation | 207.85 |
| | | Preparation of site for planting by clearing thorny unsaleable, unusable jungle growth, creepers, bushes etc. spreading the cut material all over the site and burning the same. | | | | |
| 1 | Ha | Light Jungle growth (> 20% and upto 30% ground area covered with Jungle growth) | 02-02-004 | 6114.59 | Ha. | 6114.59 |
| | | Uprootal of stumps to a depth of 45 cm (excluding unsuitable patches) with heavy machinery fitted with 0.90 cum and above capacity bucket, filling the pits caused by uprootal and leveling. | | | | |
| 1 | Ha | Light Jungle growth (> 20% and upto 30% ground area covered with Jungle growth) | 02-02-009 | 16312.25 | Ha. | 16312.25 |
| | | Collection and removal of uprooted stumps of all sizes, other debris etc to outside the plantation site. | | | | |
| 1 | Ha | Light Jungle growth (> 20% and upto 30% ground area covered with Jungle growth) | 02-02-013 | 10024.17 | Ha. | 10024.17 |
| 1 | Ha | Deep ploughing the plantation area to a depth of 30 cm with heavy duty tractor of 45 HP and above across the slope with mould board plough. (untilled Areas) - HG soils | 02.02.020 | 5479.28 | Ha | 5479.28 |
| 1 | Ha | Removing congestion of root suckers and other uprooted material hindering the effective ploughing (For Non-tilled Areas Only) | 02.02.024 | 1023.56 | Ha | 1023.56 |
| 1111 | Nos | Alignment and staking including laying base line for Misc. species with espacement 3mX3m (1111 Nos) | 02.03.003 | 81.59 | 100 Nos | 906.46 |
| 240 | Cum | Digging of 0.60 mt cube pit in HG Soils (Half of the original rate since ploughing is provided) - $205 / 2 = 102.50$ | As per RSSR 7 e | 102.50 | per Cum | 24600.00 |
| 30 | Cmt | Soil and moisture Conservation works | Actuals | 205.00 | per Cum | 6150.00 |
| LS | Nos | Contingencies for unforescene items like plantation Boards, stationery etc. | | | | 181.84 |
| | | | TOTAL | | | 71000.00 |

Add 10% escalation on unit rate of every year

| | |
|-------------------------|--------|
| Unit Rate for 2019 - 20 | 78100 |
| Unit Rate for 2020 - 21 | 85900 |
| Unit Rate for 2021 - 22 | 94500 |
| Unit Rate for 2022 - 23 | 104000 |
| Unit Rate for 2023 - 24 | 114400 |
| Unit Rate for 2024 - 25 | 125800 |



 Divisional Forest Officer
 Proddatur (WL) Division

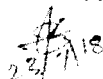
Data Sheet for Raising of Plantation - SMM

| Quantity | Unit | Item of Work | 2018-19 FSR Item No. | Rate | Per | Amount |
|----------|------|--|---|---------|----------|----------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| | | Raising of Plantations | | | | |
| 1111 | Nos | Transport of 8"x 12" size bag plants from nursery site to plantation site including loading and unloading over a lead of 25 Km | 02-03-010 & 02-03-015 | 445.62 | 100 Nos. | 4950.84 |
| 1111 | Nos | Internal Transport of seedlings to planting points | 02.03.020 | 138.48 | 100 Nos. | 1538.51 |
| 120 | cum | Cost of imported soil (50% on volume of pit = $0.60 \times 0.6 \times 0.6$ = $0.216/2$ Cum x 1111 Nos = 120 Cum) | As per CSSR (M-092) | 50.00 | cum | 6000.00 |
| 120 | cum | Transport of imported soil (upto 35 Km lead) | As per CSSR | 451.50 | cum | 54180.00 |
| 22 | Kgs | Cost of Chemical fertilizers / organic fertilizers at 20 gms per plant | 02.03.031 | 30.00 | Per Kg | 660.00 |
| 1111 | Nos | Application of fertilizers after planting by making 3 holes of 10 cmts depth with crow bar. 10 cmts away from plant and putting fertilizer and closing | 02.03.032 | 38.31 | 100 Nos. | 425.62 |
| 1111 | Nos | Planting and Refilling of pits, staking stick in 0.60 mt cube pits | As per RSSR Sl. No. 20 Cat. No. e (iii) | 7.63 | Each | 8476.93 |
| | | Replacement of casualties - 20% | | | | |
| 48 | Cum | Digging of 0.60 mt cube pit in HG Soils (Half of the original rate) - $205 / 2 = 102.50$ | As per RSSR 7 (e) | 102.50 | per Cum | 4920.00 |
| 222 | Nos | Transport of 8"x 12" size bag plants from nursery site to plantation site including loading and unloading over a lead of 25 Km | 02-03-010 & 02-03-015 | 445.62 | 100 Nos. | 989.28 |
| 222 | Nos | Internal Transport of seedlings to planting points | 02.03.020 | 138.48 | 100 Nos. | 307.43 |
| 222 | Nos | Planting and Refilling of pits, staking stick in 0.60 mt cube pits | As per RSSR Sl. No. 20 Cat. No. e (iii) | 7.63 | Each | 1693.86 |
| 1 | Ha | Inter ploughing with heavy duty tractor of 45 HP to a depth of 30 cm | 02-03-045 | 3652.30 | Ha | 3652.30 |

| Quantity | Unit | Item of Work | 2018-19 FSR Item No. | Rate | Per | Amount |
|----------|-------------------|--|----------------------------|--------|--------------|-----------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 1111 | Nos | Circular Weeding cum deep soil working to a radius of 0.5 m. and to a depth of 15 cm around the plant to be done with pick axes for the plants planted in pits without disturbing the soil around the plant to 10cm wide but weeding that part of area by hand and formation of saucer | 02-03-039 | 639.93 | 100 Nos. | 7109.62 |
| 100 | Rmt | Creation of Fire lines 3 mts wide | 02-03-049 | 5.95 | RMT | 595.00 |
| 1111 | Nos | Enumeration of survivals 10% to survivals and 5% height once in November after growing season and once in March in dry season. | 02.03.054 | 22.85 | 100 Nos. | 253.86 |
| 1111 | Nos | Pruning of lower foliage/ branches of NTFP species like kanuga, Neem, Usiri, Seethaphal etc., plants upto 1/3 rd height. | 02.03.050 | 121.12 | 100 Nos. | 1345.64 |
| 1 | Ha | Cutting of coppice growth flush to the ground over the entire area including retaining useful species just after planting and placing the cut material in between the planting rows. Low rainfall zone < 800 mm | 02.03.047 | 951.30 | Ha | 951.30 |
| 1 | Nos / 9 Months | Cost of Protection (One watcher is allowed for 20 ha plantation. If the area is less prior approval of CCF / CF is required) | 02-03-053 | 263.00 | Each / PM | 3077.10 |
| 100 | Rmt | Brush wood fencing around the planting 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 1.5m and fencing materials | 02-03-051 | 27.12 | Rmt | 2712.00 |
| LS | Nos | Contingencies for unforeseen items | | | | 660.70 |
| TOTAL | | | | | | 104500.00 |

| | |
|-------------------------|--------|
| Unit Rate for 2019 - 20 | 114900 |
| Unit Rate for 2020 - 21 | 126400 |
| Unit Rate for 2021 - 22 | 139000 |
| Unit Rate for 2022 - 23 | 152900 |
| Unit Rate for 2023 - 24 | 168200 |


 Divisional Forest Officer
 Proddatur (WL) Division


 23/11/18


Data Sheet for 1st year maintenance of Plantation - SMM

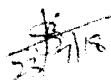
| Quantity | Unit | Item of Work | 2018-19 FSR Item No. | Rate | Per | Amount |
|----------|------|--|---|---------|----------|----------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| | | Replacement of casualties - 25% | | | | |
| 60 | Cum | Digging of 0.60 mt cube pit in HG Soils | As per RSSR 7 (e) | 205.00 | per Cum | 12300.00 |
| 278 | Nos | Transport of 8"x 12" size bag plants from nursery site to plantation site including loading and unloading over a lead of 25 Km | 02-03-010 & 02-03-015 | 445.62 | 100 Nos. | 1238.82 |
| 278 | Nos | Internal Transport of seedlings to planting points | 02.03.020 | 138.48 | 100 Nos. | 384.97 |
| 278 | Nos | Planting and Refilling of pits, staking stick in 0.60 mt cube pits | As per RSSR Sl. No. 20 Cat. No. e (iii) | 7.63 | Each | 2121.14 |
| 1 | HA | Inter ploughing with heavy duty tractor of 45 HP to a depth of 30 cm | 02-04-004 | 3652.30 | Ha | 3652.30 |
| 1111 | Nos | Circular Weeding cum deep soil working to a radius of 0.5 m. and to a depth of 15 cm around the plant to be done with pick axes for the plants planted in pits without disturbing the soil around the plant to 10cm wide but weeding that part of area by hand and formation of saucer | 02-04-007 | 639.93 | 100 Nos. | 7109.62 |
| 100 | Rmt | Creation of Fire lines 3 mts wide | 02-04-008 | 5.95 | RMT | 595.00 |
| 1111 | Nos | Enumeration of survivals 10% to survivals and 5% height once in November after growing season and once in March in dry season. | 02.04.011 | 22.85 | 100 Nos. | 253.86 |
| 1111 | Nos | Pruning of lower foliage/ branches of NTFP species like kanuga, Neem, Usiri, Seethaphal etc., plants upto 1/3 rd height. | 02.04.010 | 121.12 | 100 Nos. | 1345.64 |

| Quantity | Unit | Item of Work | 2018-19 FSR Item No. | Rate | Per | Amount |
|----------|-----------------------|--|----------------------------|--------|--------------|----------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 1 | Ha | Cutting of coppice growth flush to the ground over the entire area including retaining useful species just after planting and placing the cut material in between the planting rows. Low rainfall zone < 800 mm | 02.03.047 | 951.30 | Ha | 951.30 |
| 1 | Nos / 12 Months | Watch & ward for 12 months (One watcher is allowed for 20 ha plantation. If the area is less prior approval of CCF / CF is required) | 02-04-008 | 263.00 | Each / PM | 4102.80 |
| LS | Nos | Contingencies for unforeseen items | | | | 444.53 |
| | | | TOTAL | | | 34500.00 |

Add 10% escalation on unit rate of every year

| | |
|-------------------------|-------|
| Unit Rate for 2019 - 20 | 37900 |
| Unit Rate for 2020 - 21 | 41700 |
| Unit Rate for 2021 - 22 | 45900 |
| Unit Rate for 2022 - 23 | 50500 |
| Unit Rate for 2023 - 24 | 55600 |
| Unit Rate for 2024 - 25 | 61200 |


Divisional Forest Officer
Proddatur (WL) Division



22/7/18

Data Sheet for 2nd year maintenance of Plantation - SMM

| Quantity | Unit | Item of Work | 2018-19 FSR Item No. | Rate | Per | Amount |
|----------|------|--|---|---------|----------|----------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| | | Replacement of casualties - 25% | | | | |
| 60 | Cum | Digging of 0.60 mt cube pit by machine | As per RSSR 7 (e) | 205.00 | per Cum | 12300.00 |
| 278 | Nos | Transport of 8"x 12" size bag plants from nursery site to plantation site including loading and unloading over a lead of 25 Km | 02-03-010 & 02-03-015 | 445.62 | 100 Nos. | 1238.82 |
| 278 | Nos | Internal Transport of seedlings to planting points | 02.03.020 | 138.48 | 100 Nos. | 384.97 |
| 278 | Nos | Refilling of pits and plantings, staking stick in 0.60 mt cube pits | As per RSSR Sl. No. 20 Cat. No. e (iii) | 7.63 | Each | 2121.14 |
| 1 | Ha | Inter ploughing with heavy duty tractor of 45 HP to a depth of 30 cm | 02.05.006 | 3652.30 | Ha | 3652.30 |
| 1111 | Nos | Circular Weeding cum deep soil working to a radius of 0.5 m. and to a depth of 15 cm around the plant to be done with pick axes for the plants planted in pits without disturbing the soil around the plant to 10cm wide but weeding that part of area by hand and formation of saucer | 02.05.002 | 639.93 | 100 Nos. | 7109.62 |
| 100 | Rmt | Creation of Fire lines 3 mts wide | 02.05.010 | 5.95 | RMT | 595.00 |
| 1111 | Nos | Enumeration of survivals 10% to survivals and 5% height once in November after growing season and once in March in dry season. | 02-04-011 | 22.85 | 100 Nos. | 253.86 |
| 1111 | Nos | Pruning of lower foliage/ branches of NTFP species like kanuga, Neem, Usiri, Seethaphal etc., plants upto 1/3 rd height. | 02-04-010 | 121.12 | 100 Nos. | 1345.64 |

| Quantity | Unit | Item of Work | 2018-19 FSR Item No. | Rate | Per | Amount |
|----------|-----------------------|--|----------------------------|--------|--------------|----------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 1 | Ha | Cutting of coppice growth flush to the ground over the entire area including retaining useful species just after planting and placing the cut material in between the planting rows. Low rainfall zone < 800 mm | 02.05.008 | 951.30 | Ha | 951.30 |
| 1 | Nos / 12 Months | Watch & ward for 12 months (One watcher is allowed for 20 ha plantation. If the area is less prior approval of CCF / CF is required) | 02-05.011 | 263.00 | Each / PM | 4102.80 |
| LS | Nos | Contingencies for unforeseen items | | | | 244.53 |
| | | | TOTAL | | | 34300.00 |

| | |
|-------------------------|-------|
| Unit Rate for 2019 - 20 | 37700 |
| Unit Rate for 2020 - 21 | 41500 |
| Unit Rate for 2021 - 22 | 45700 |
| Unit Rate for 2022 - 23 | 50300 |
| Unit Rate for 2023 - 24 | 55300 |
| Unit Rate for 2024 - 25 | 60800 |



 Divisional Forest Officer
 Proddatur (WL) Division


 23/11/23

Data Sheet for 3rd year maintenance of Plantation - SMM

| Quantity | Unit | Item of Work | 2018-19 FSR Item No. | Rate | Per | Amount |
|--------------|-----------------------|--|----------------------------|---------|--------------|-----------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 1111 | Nos | Circular Weeding cum deep soil working to a radius of 0.5 m. and to a depth of 15 cm around the plant to be done with pick axes for the plants planted in pits without disturbing the soil around the plant to 10cm wide but weeding that part of area by hand and formation of saucer | 02.06.001 | 639.93 | 100 Nos. | 7109.62 |
| 1 | Ha | Inter ploughing with heavy duty tractor of 45 HP to a depth of 30 cm | 02.06.004 | 3652.30 | Ha | 3652.30 |
| 1 | Ha | Enumeration of survivals, pest control, labour amenities, sharpening of tools, etc. | 02.06.008 | 124.41 | Ha | 124.41 |
| 1111 | Nos | Pruning of lower foliage/ branches of NTFP species like kanuga, Neem, Usiri, Seethaphal etc., plants upto 1/3 rd height. | 02.06.007 | 121.12 | 100 Nos. | 1345.64 |
| 1 | Ha | Cutting of coppice growth flush to the ground over the entire area including retaining useful species just after planting and placing the cut material in between the planting rows. Low rainfall zone < 800 mm | 02.06.002 | 951.30 | Ha | 951.30 |
| 100 | Rmt | Creation of Fire lines 3 mts wide | 02.06.005 | 5.95 | RMT | 595.00 |
| 1 | Nos / 12 Months | Watch & ward for 12 months (One watcher is allowed for 20 ha plantation. If the area is less prior approval of CCF / CF is required) | 02.06.006 | 263.00 | Each / PM | 4102.80 |
| LS | Nos | Contingencies for unforeseen items | | | | 118.92 |
| TOTAL | | | | | | 18000.00 |


| | |
|-------------------------|-------|
| Unit Rate for 2019 - 20 | 19800 |
| Unit Rate for 2020 - 21 | 21800 |
| Unit Rate for 2021 - 22 | 24000 |
| Unit Rate for 2022 - 23 | 26400 |
| Unit Rate for 2023 - 24 | 29000 |
| Unit Rate for 2024 - 25 | 31900 |
| Unit Rate for 2025 - 26 | 35100 |
| Unit Rate for 2026 - 27 | 38600 |


 Divisional Forest Officer
 Proddatur (WL) Division

Data Sheet for 4th year maintenance of Plantation - SMM

| Quantity | Unit | Item of Work | 2018-19 FSR Item No | Rate | Per | Amount |
|----------|-----------------------|--|---------------------------|---------|--------------|----------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 1111 | Nos | Circular Weeding cum deep soil working to a radius of 0.5 m. and to a depth of 15 cm around the plant to be done with pick axes for the plants planted in pits without disturbing the soil around the plant to 10cm wide but weeding that part of area by hand and formation of saucer | 02.07.002 | 639.93 | 100 Nos. | 7109.62 |
| 1 | Ha | Inter ploughing with heavy duty tractor of 45 HP to a depth of 30 cm | 02.07.006 | 3652.30 | Ha | 3652.30 |
| 1 | Ha | Enumeration of survivals, pest control, labour amenities, sharpening of tools, etc. | 02.07.005 | 124.41 | Ha | 124.41 |
| 1111 | Nos | Pruning of lower foliage/ branches of NTFP species like kanuga, Neem, Usiri, Seethaphal etc., plants upto 1/3 rd height. | 02.07.004 | 121.12 | 100 Nos. | 1345.64 |
| 100 | Rmt | Creation of Fire lines 3 mts wide | 02.07.001 | 5.95 | RMT | 595.00 |
| 1 | Nos / 12 Months | Watch & ward for 12 months (One watcher is allowed for 20 ha plantation. If the area is less prior approval of CCF / CF is required) | 02.07.003 | 263.00 | Each / PM | 4102.80 |
| LS | Nos | Contingencies for unforeseen items | | | | 370.22 |
| | | | TOTAL | | | 17300.00 |

| | |
|-------------------------|-------|
| Unit Rate for 2019 - 20 | 19000 |
| Unit Rate for 2020 - 21 | 20900 |
| Unit Rate for 2021 - 22 | 23000 |
| Unit Rate for 2022 - 23 | 25300 |
| Unit Rate for 2023 - 24 | 27800 |
| Unit Rate for 2024 - 25 | 30600 |
| Unit Rate for 2025 - 26 | 33700 |
| Unit Rate for 2026 - 27 | 37100 |


 Divisional Forest Officer
 Proddatur (WL) Division


 23/7/24

Data Sheet for 5th to 10th year of maintenance of Plantation - SMM

| Quantity | Unit | Item of Work | 2018-19 FSR Item No. | Rate | Per | Amount |
|----------|-----------------------|--|----------------------------|--------|--------------|----------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 1111 | Nos | Circular Weeding cum deep soil working to a radius of 0.5 m. and to a depth of 15 cm around the plant to be done with pick axes for the plants planted in pits without disturbing the soil around the plant to 10cm wide but weeding that part of area by hand and formation of saucer | 02.08.002 | 639.93 | 100 Nos. | 7109.62 |
| 1 | Ha | Enumeration of survivals, pest control, labour amenities, sharpening of tools, etc. | 02.08.005 | 124.41 | Ha | 124.41 |
| 1111 | Nos | Pruning of lower foliage/ branches of NTFP species like kanuga, Neem, Usiri, Seethaphal etc., plants upto 1/3 rd height. | 02.08.004 | 121.12 | 100 Nos. | 1345.64 |
| 100 | Rmt | Creation of Fire lines 3 mts wide | 02.08.001 | 5.95 | RMT | 595.00 |
| 1 | Nos / 12 Months | Watch & ward for 12 months (One watcher is allowed for 20 ha plantation. If the area is less prior approval of CCF / CF is required) | 02.08.003 | 263.00 | Each / PM | 4102.80 |
| LS | Nos | Contingencies for unforeseen items | | | | 222.52 |
| TOTAL | | | | | | 13500.00 |

| | |
|-------------------------|-------|
| Unit Rate for 2019 - 20 | 14800 |
| Unit Rate for 2021 - 22 | 16300 |
| Unit Rate for 2022 - 23 | 17900 |
| Unit Rate for 2023 - 24 | 19700 |
| Unit Rate for 2024 - 25 | 21700 |
| Unit Rate for 2025 - 26 | 23900 |
| Unit Rate for 2026 - 27 | 26300 |
| Unit Rate for 2027 - 28 | 28900 |
| Unit Rate for 2028 - 29 | 31800 |
| Unit Rate for 2029 - 30 | 35000 |
| Unit Rate for 2030 - 31 | 38500 |
| Unit Rate for 2031 - 32 | 42400 |
| Unit Rate for 2032 - 33 | 46600 |
| Unit Rate for 2033 - 34 | 51300 |
| Unit Rate for 2034 - 35 | 56400 |

Divisional Forest Officer
Proddatur (WL) Division


Data sheet for Advance Operation under Trench cum Pit Method

Unit : 1 Ha

| Quantity | Unit | Description of work | 2018-19 FSR Item No. | Rate Rs./Ps. | Per / Unit | Amount |
|----------|------------|---|-------------------------|-----------------|---------------|------------------|
| 1 | 1 | 2 | 3 | 4 | 5 | 6 |
| | | Alignment & Staking | | | | |
| 1 | Plantation | Survey with GPS (Only staff to carry out. One manday is allowed for assistance) | 02-02-001 | 207.85 | Plantation | 207.85 |
| 1 | Ha | Preparation of site for planting by clearing thorny unsalable, unusable jungle growth, creepers, bushes etc. spreading the cut material all over the site and burning the same Light Jungle growth (> 20% and upto 30% ground area covered with Jungle growth) | 02-02-004 | 6114.59 | Ha. | 6114.59 |
| 1111 | Nos | Alignment and staking including laying base line for Misc species (1111 Nos) | 02.03.003 | 81.59 | 100 Nos. | 906.46 |
| 1111 | Nos | Cost of 0.45M Stake preparation and transportation to site. | 02.03.005 | 53.13 | 100 Nos. | 590.27 |
| 2497.50 | Cum | Staggered trench of size 10m x (1.5m + 1.20) / 2 x 0.5m = 6.75 cum per each for 1111 Nos. @ 3 Nos. in a trench = 6.75 x 370 = 2497.5 Cum - By Machine | As per RSSR (Data) | 85.04 | Cum | 212387.40 |
| 101.25 | Cum | Digging of 45 cm cube pits by machine (0.45 x 0.45 x 0.45 = 0.091 cum per pit) for 1111 Nos. (0.091 x 1111 = 101.25 cum) | As per RSSR (Data) | 85.04 | Cum | 8610.30 |
| 7 | LS | Contingencies for fixing 10th line stones, cost of numbering with paint, plantation boards, journals etc. | | | | 1183.12 |
| | | GRAND TOTAL:- | | | | 230000.00 |

Add 10% escalation on unit rate of every year


| | |
|-----------------------|--------|
| Unit rate per 2019-20 | 253000 |
| Unit rate per 2020-21 | 278300 |
| Unit rate per 2021-22 | 306100 |
| Unit rate per 2022-23 | 336700 |
| Unit rate per 2023-24 | 370400 |


Divisional Forest Officer
Proddatur (WL) Division

Data for Earth Work Excavation by Machine

| Quantity | Unit | Item of Work | SSR Item | Rate | Per | Amount |
|----------|-------|---|----------------------------|---------|------|----------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| | | a) Labour | | | | |
| 8.32 | Days | Mazdoor (Unskilled) | SSR | 370.00 | Day | 3078.40 |
| | | b) Machinery | | | | |
| 6 | hours | Hydraulic Excavator 1 cum bucket capacity | SSR | 2888.60 | Hour | 17331.60 |
| | | | TOTAL (Output for 240 cum) | | | 20410.00 |

For 1 cum 85.04


 Divisional Forest Officer
 Proddatur (WL) Division



Data sheet for Creation or Raising of plantation under Trench cum Pit Method

Unit : 1 Ha

| Quantity | Unit | Description of work | 2018-19 FSR Item No. | Rate Rs./Ps. | Per / Unit | Amount |
|----------|------|---|-----------------------------|-----------------|---------------|----------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 1111 | Nos | Transport of 8"x 12" size bag plants from nursery site to plantation site including loading and unloading over a lead of 25 Km | 02-03-010 & 02-03-015 | 445.62 | 100 Nos. | 4950.84 |
| 1111 | Nos | Internal Transport of seedlings to planting points | 02.03.020 | 138.48 | 100 Nos. | 1538.51 |
| 50.62 | Cum | Cost of tank silt @ 50% on volume of 45 cm cube pit ($0.45 \times 0.45 \times 0.45 = 0.091 / 2 \times 1111 = 50.62$ Cum) including transportation and all other labour charges etc. Complete | Actuals | 418.04 | Cum | 21161.18 |
| | | Cost of chemical fertilizers (50 gram SSP for basal dressing, 20 gram DAP after planting | 02.03.031 | | | |
| 55 | KG | a) Cost of SSP @ 50 gms / Pit - 10 Kg / Ha | Actuals | 20.00 | Per Kg | 1100.00 |
| 22 | KG | b) Cost of DAP @ 20 gms / Pit - 8 Kg / Ha | Actuals | 30.00 | Per Kg | 660.00 |
| 1111 | Nos | Application of fertilizers after planting by making 3 holes of 10 cms depth with crow bar, 10 cms away from plant and putting fertilizer and closing | 02.03.032 | 38.31 | 100 Nos. | 425.62 |
| 1111 | Nos | Planting of bag plants in 45 cm cube pit including refilling of pits | 02.03.034 | 426.62 | 100 Nos. | 4739.75 |
| | | Replacement of casualties @ 20% | | | | |
| 222 | Nos | Reopening of 45 Cum pits (50% of original rate) | 02.03.025 | 10.15 | Each | 2253.30 |
| 222 | Nos | Transport of 8"x 12" bag plants from Nursery to plantation site over a lead of 25Km | 02-03-010 & 02-03-015 | 445.62 | 100 Nos. | 989.28 |
| 222 | Nos | Internal Transport of 8"x12" bag plants to planting points on head loads | 02.03.020 | 138.48 | 100 Nos. | 307.43 |
| 222 | Nos | Planting and refilling in 45 cm cube pit | 02.03.034 | 426.62 | 100 Nos. | 947.10 |
| 1111 | Nos | Provision for watering during planting year as per PCCF, Circle No. 6 B / 2006 - G1 (Rc. No. 17309 / 2000 - G1, Dt. 16-08-2005) prior instructions of Chief Conservator of Forests) - 3 Waterings / Month (From January to March - 9 waterings) | 02-03-055 | 2.83 | Plant | 28297.17 |
| 1111 | Nos | Circular Weeding cum deep soil working to a radius of 0.5 m. and to a depth of 15 cm around the plant to be done with pick axes for the plants planted in pits without disturbing the soil around the plant to 10cm wide but weeding that part of area by hand and formation of saucer in Hard Gravelly Soils | 02-03-039 | 639.93 | 100 Nos. | 7109.62 |
| 100 | Rmt | Creation of Fire lines 3 mts wide | 02-03-049 | 5.95 | RMT | 595.00 |

| Quantity | Unit | Description of work | 2018-19 FSR Item No. | Rate Rs./Ps. | Per / Unit | Amount |
|----------|-----------|--|-------------------------|-----------------|-------------------|----------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 1 | Ha | Cutting of coppice growth flush to the ground over the entire area including retaining useful species just after planting and placing the cut material in between the planting rows. Low Rainfall zone < 800 mm | 02-03-047 | 951.30 | Ha | 951.30 |
| 1111 | Nos | Enumeration of survivals 10% to survivals and 5% height once in November after growing season and once in March in dry season | 02-03-054 | 22.85 | 100 Nos. | 253.86 |
| 1 No | 10 Months | Cost of protection (one watcher is allowed for 20 ha plantation, if the area is less prior approval of Chief Conservator of Forests is required) @ Rs. 263/- per day for 30 days | 02-03-053 | 263.00 | Each / per day | 3945.00 |
| LS | LS | Contingencies for fixing 10th line stones, cost of numbering with paint, plantation boards, journals etc. | | | | 775.04 |
| | | GRAND TOTAL:- | | | | 81000.00 |

Add 10% escalation on unit rate of every year

| | |
|-----------------------|--------|
| Unit rate per 2019-20 | 89100 |
| Unit rate per 2020-21 | 98000 |
| Unit rate per 2021-22 | 107800 |
| Unit rate per 2022-23 | 118600 |
| Unit rate per 2023-24 | 130500 |

new
Divisional Forest Officer
Proddatur (WL) Division

23/7/18


**Data sheet for 1st year maintenance of Plantation
under Trench cum Pit Method**

Unit : 1 Ha

| Quantity | Unit | Description of work | 2018-19 FSR Item No. | Rate Rs./Ps. | Per / Unit | Amount |
|----------------------|-----------|---|-----------------------------|-----------------|-------------------|-----------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| | | Replacement of casualties @ 25% | | | | |
| 278 | Nos | Digging of 45 cm cube pits in unploughed areas | 02.03.025 | 20.30 | Each | 5643.40 |
| 278 | Nos | Transport of 8"x 12" bag plants from Nursery to plantation site over a lead of 25Km | 02-03-010 & 02-03-015 | 445.62 | 100 Nos. | 1238.82 |
| 278 | Nos | Internal Transport of 8"x12" bag plants to planting points on head loads | 02.03.020 | 138.48 | 100 Nos. | 384.97 |
| 278 | Nos | Planting of bag plants in 45 cm cube pit including refilling of pits | 02.03.034 | 426.62 | 100 Nos. | 1186.00 |
| 1111 | Nos | Provision for watering during planting year as per PCCF, Circle No. 6 B / 2006 - G1 (Rc. No. 17309 / 2000 - G1, Dt. 16-08-2005) prior instructions of Chief Conservator of Forests) - 3 Waterings / Month (From April to June - 9 waterings) | 02-03-055 | 2.83 | Plant | 28297.17 |
| 1111 | Nos | Circular Weeding cum deep soil working to a radius of 0.5 m. and to a depth of 15 cm around the plant to be done with pick axes for the plants planted in pits without disturbing the soil around the plant to 10cm wide but weeding that part of area by hand and formation of saucer in Hard Gravelly Soils | 02-04-007 | 639.93 | 100 Nos. | 7109.62 |
| 1111 | Nos | Pruning of lower foliage / branches of species like Kanuga, Neem, Usiri, Seethaphal etc. plants upto 1/3 rd height | 02.04.010 | 121.12 | 100 Nos. | 1345.64 |
| 100 | Rmt | Creation of Fire lines 3 mts wide | 02-04-008 | 5.95 | RMT | 595.00 |
| 1111 | Nos | Enumeration of survivals, pest control, labour amenities, sharpening of tools etc. | 02-04-011 | 22.85 | 100 Nos. | 253.86 |
| 1 Nos | 12 Months | Cost of protection (one watcher is allowed for 20 ha plantation, if the area is less prior approval of Chief Conservator of Forests is required) @ Rs. 263/- per day for 30 days | 02-04-009 | 263.00 | Each / per day | 4734.00 |
| LS | LS | Contingencies for fixing 10th line stones, cost of numbering with paint, plantation boards, journals etc. | LS | LS | LS | 211.50 |
| GRAND TOTAL:- | | | | | | 51000.00 |

Add 10% escalation on unit rate of every year

| | |
|-----------------------|-------|
| Unit rate per 2019-20 | 56100 |
| Unit rate per 2020-21 | 61700 |
| Unit rate per 2021-22 | 67900 |
| Unit rate per 2022-23 | 74700 |
| Unit rate per 2023-24 | 82200 |
| Unit rate per 2024-25 | 90400 |
| Unit rate per 2025-26 | 99400 |


Divisional Forest Officer
Proddatur (WL) Division


**Data sheet for 2nd year maintenance of Plantation
under Trench cum Pit Method**

Unit : 1 Ha

| Quantity | Unit | Description of work | 2018-19 FSR Item No. | Rate Rs./Ps. | Per / Unit | Amount |
|----------|-----------|---|-----------------------------|-----------------|-------------------|-----------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| | | Replacement of casualties @ 25% (With approval of CCF) | | | | |
| 278 | Nos | Digging of 45 cm cube pits in unploughed areas | 02.03.025 | 20.30 | Each | 5643.40 |
| 278 | Nos | Transport of 8"x 12" bag plants from Nursery to plantation site over a lead of 25Km | 02-03-010 & 02-03-015 | 445.62 | 100 Nos. | 1238.82 |
| 278 | Nos | Internal Transport of 8"x12" bag plants to planting points on head loads | 02.03.020 | 138.48 | 100 Nos. | 384.97 |
| 278 | Nos | Planting of bag plants in 45 cm cube pit including refilling of pits | 02.03.034 | 426.62 | 100 Nos. | 1186.00 |
| 1111 | Nos | Circular Weeding cum deep soil working to a radius of 0.5 m. and to a depth of 15 cm around the plant to be done with pick axes for the plants planted in pits without disturbing the soil around the plant to 10cm wide but weeding that part of area by hand and formation of saucer in Hard Gravelly Soils | 02-05-002 | 639.93 | 100 Nos. | 7109.62 |
| 1111 | Nos | Pruning of lower foliage / branches of species like Kanuga, Neem, Usiri, Seethaphal etc. plants upto 1/3 rd height | 02-04-010 | 121.12 | 100 Nos. | 1345.64 |
| 100 | Rmt | Creation of Fire lines 3 mts wide | 02-05-010 | 5.95 | RMT | 595.00 |
| 1 | Ha | Enumeration of survivals, pest control, labour amenities, sharpening of tools etc. | 02-04-011 | 124.41 | Ha | 124.41 |
| 1 No. | 12 Months | Cost of protection (one watcher is allowed for 20 ha plantation, if the area is less prior approval of Chief Conservator of Forests is required) @ Rs. 263/- per day for 30 days | 02-05-011 | 263.00 | Each / per day | 4734.00 |
| LS | LS | Contingencies for fixing 10th line stones, cost of numbering with paint, plantation boards, journals etc. | | LS | LS | 638.12 |
| | | GRAND TOTAL:- | | | | 23000.00 |

Add 10% escalation on unit rate of every year

| | |
|-----------------------|-------|
| Unit rate per 2019-20 | 25300 |
| Unit rate per 2020-21 | 27800 |
| Unit rate per 2021-22 | 30600 |
| Unit rate per 2022-23 | 33700 |
| Unit rate per 2023-24 | 37100 |
| Unit rate per 2024-25 | 40800 |
| Unit rate per 2025-26 | 44900 |
| Unit rate per 2026-27 | 49400 |


Divisional Forest Officer
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**Data sheet for 3rd year maintenance of Plantation
under Trench cum Pit Method**

Unit : 1 Ha

| Quantity | Nos | Description of work | 2018-19 FSR Item No. | Rate Rs./Ps. | Per / Unit | Amount |
|----------------------|-----------|---|-------------------------|-----------------|-------------------|-----------------|
| 1 | 1 | 2 | 3 | 4 | 5 | 6 |
| 1111 | Nos | Circular Weeding cum deep soil working to a radius of 0.5 m. and to a depth of 15 cm around the plant to be done with pick axes for the plants planted in pits without disturbing the soil around the plant to 10cm wide but weeding that part of area by hand and formation of saucer in Hard Gravelly Soils | 02-06-001 | 639.93 | 100 Nos. | 7109.62 |
| 1111 | Nos | Pruning of lower foliage / branches of species like Kanuga, Neem, Usiri, Seethaphal etc. plants upto 1/3 rd height | 02-06-007 | 121.12 | 100 Nos. | 1345.64 |
| 100 | Rmt | Creation of Fire lines 3 mts wide | 02-06-005 | 5.95 | RMT | 595.00 |
| 1 | Ha | Enumeration of survivals, pest control, labour amenities, sharpening of tools etc. | 02-06-008 | 124.41 | Ha | 124.41 |
| 1 | Ha | Cutting of coppice growth flush to the ground over the entire area including retaining useful species just after planting and placing the cut material in between the planting rows. Low Rainfall zone < 800 mm | 02-06-002 | 951.30 | Ha | 951.30 |
| 1 No | 12 Months | Cost of protection (one watcher is allowed for 20 ha plantation, if the area is less prior approval of Chief Conservator of Forests is required) @ Rs. 263/- per day for 30 days | 02-06-006 | 263.00 | Each / per day | 4734.00 |
| LS | LS | Contingencies for fixing 10th line stones, cost of numbering with paint, plantation boards, journals etc. | LS | LS | LS | 140.02 |
| GRAND TOTAL:- | | | | | | 15000.00 |

Add 10% escalation on unit rate of every year

| | |
|-----------------------|-------|
| Unit rate per 2019-20 | 16500 |
| Unit rate per 2020-21 | 18200 |
| Unit rate per 2021-22 | 20000 |
| Unit rate per 2022-23 | 22000 |
| Unit rate per 2023-24 | 24200 |
| Unit rate per 2024-25 | 26600 |
| Unit rate per 2025-26 | 29300 |
| Unit rate per 2026-27 | 32200 |
| Unit rate per 2027-28 | 35400 |
| Unit rate per 2028-29 | 38900 |
| Unit rate per 2029-30 | 42800 |
| Unit rate per 2030-31 | 47100 |
| Unit rate per 2031-32 | 51800 |


 Divisional Forest Officer
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**Data sheet for 4th year maintenance of Plantation
under Trench cum Pit Method**

Unit : 1 Ha

| Quantity | Unit | Description of work | 2018-19 FSR Item No. | Rate Rs./Ps. | Per / Unit | Amount |
|----------------------|-----------|---|-------------------------|-----------------|----------------|-----------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 1111 | Nos | Circular Weeding cum deep soil working to a radius of 0.5 m. and to a depth of 15 cm around the plant to be done with pick axes for the plants planted in pits without disturbing the soil around the plant to 10cm wide but weeding that part of area by hand and formation of saucer in Hard Gravelly Soils | 02-07-002 | 639.93 | 100 Nos. | 7109.62 |
| 1111 | Nos | Pruning of lower foliage / branches of species like Kanuga, Neem, Usiri, Seethaphal etc. plants upto 1/3 rd height | 02-07-004 | 121.12 | 100 Nos. | 1345.64 |
| 100 | Rmt | Creation of Fire lines 3 mts wide | 02-07-001 | 5.95 | RMT | 595.00 |
| 1 | Ha | Enumeration of survivals, pest control, labour amenities, sharpening of tools etc. | 02-07-005 | 124.41 | Ha | 124.41 |
| 1 No | 12 Months | Cost of protection (one watcher is allowed for 20 ha plantation, if the area is less prior approval of Chief Conservator of Forests is required) @ Rs. 263/- per day for 30 days | 02-07-003 | 263.00 | Each / per day | 4734.00 |
| LS | LS | Contingencies for fixing 10th line stones, cost of numbering with paint, plantation boards, journals etc. | | | Ls | 91.32 |
| GRAND TOTAL:- | | | | | | 14000.00 |

Add 10% escalation on unit rate of every year

| | |
|-----------------------|-------|
| Unit rate per 2019-20 | 15400 |
| Unit rate per 2020-21 | 16900 |
| Unit rate per 2021-22 | 18600 |
| Unit rate per 2022-23 | 20500 |
| Unit rate per 2023-24 | 22600 |
| Unit rate per 2024-25 | 24900 |
| Unit rate per 2025-26 | 27400 |
| Unit rate per 2026-27 | 30100 |
| Unit rate per 2027-28 | 33100 |
| Unit rate per 2028-29 | 36400 |
| Unit rate per 2029-30 | 40000 |
| Unit rate per 2030-31 | 44000 |
| Unit rate per 2031-32 | 48400 |

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Divisional Forest Officer
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Data sheet for 5th to 10th year maintenance of Plantation under Trench cum Pit Method

| Unit : 1 Ha | | | | | | |
|---------------|-----------|--|-------------------------|-----------------|-------------------|---------|
| Quantity | Unit | Description of work | 2018-19 FSR Item No. | Rate Rs./Ps. | Per / Unit | Amount |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 1111 | Nos | Pruning of lower foliage / branches of species like Kanuga, Neem, Usiri, Seethaphal etc. plants upto 1/3 rd height | 02-08-004 | 121.12 | 100 Nos. | 1345.64 |
| 100 | Rmt | Creation of Fire lines 3 mts wide | 02-08-001 | 5.95 | RMT | 595.00 |
| 1 | Ha | Enumeration of survivals, pest control, labour amenities, sharpening of tools etc. | 02-08-005 | 124.41 | Ha | 124.41 |
| 1 No | 12 Months | Cost of protection (one watcher is allowed for 20 ha plantation, if the area is less prior approval of Chief Conservator of Forests is required) @ Rs. 263/- per day for 30 days | 02-08-003 | 263.00 | Each / per day | 4734.00 |
| LS | LS | Contingencies for fixing 10th line stones, cost of numbering with paint, plantation boards, journals etc. | | | LS | 200.95 |
| GRAND TOTAL:- | | | | | | 7000.00 |

Add 10% escalation on unit rate of every year

| | |
|-----------------------|-------|
| Unit rate per 2019-20 | 7700 |
| Unit rate per 2020-21 | 8500 |
| Unit rate per 2021-22 | 9400 |
| Unit rate per 2022-23 | 10300 |
| Unit rate per 2023-24 | 11300 |
| Unit rate per 2024-25 | 12400 |
| Unit rate per 2025-26 | 13600 |
| Unit rate per 2026-27 | 15000 |
| Unit rate per 2027-28 | 16500 |
| Unit rate per 2028-29 | 18200 |
| Unit rate per 2029-30 | 20000 |
| Unit rate per 2030-31 | 22000 |
| Unit rate per 2031-32 | 24200 |
| Unit rate per 2032-33 | 26600 |
| Unit rate per 2033-34 | 29300 |
| Unit rate per 2034-35 | 32200 |

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