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ABSTRACT

Forests Department - Massive Tree Planting Programme - Planting of 56 lakhs seedlings in 32 districts of Tamil Nadu for three years from 2013-2014 to 2015-2016 at a cost of Rs.49.18 crores in commemoration with the 66th Birth Day Celebration of Hon'ble Chief Minister - Orders - Issued.

Environment and Forests (FR.6) Department

G.O.(Ms) No.18

Dated: 11.02.2014

விஜய, தை 29,
திருவள்ளூர் ஆண்டு -2045

Read:

1. G.O.(Ms) No.144, Environment and Forests (FR.6) Department, dated 1.11.2011.
2. G.O.(Ms) No.18, Environment and Forests (FR.6) Department, dated 22.2.2013.
3. From the Principal Chief Conservator of Forests Letter No.J1/39100/2013, dated 13.1.2014.

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ORDER :

In the Government Order first read above, the Government permitted the Chairman, Tamil Nadu Pollution Control Board to release an amount of Rs. 29.44 crores in a phased manner to the Forest Department for planting 64 lakhs seedlings in Tamil Nadu in commemoration with the 64th Birthday celebration of the Hon'ble Chief Minister and the Principal Chief Conservator of Forests was requested to implement the scheme as per the guidelines laid down by the Tamil Nadu Pollution Control Board. The plantation of 64 lakhs seedlings has been completed.

2. In the Government Order second read above, the Government have accorded sanction for a sum of Rs.43.55 crores for the scheme of implementing the programme of planting 65 lakhs seedlings in 32 districts of Tamil Nadu for three years from 2012-2013 to 2014-2015 (two years planting + one year maintenance) at a cost by availing a sum of Rs.30 crores from the funds of Tamil Nadu Pollution Control Board and the Government have also accorded financial sanction for the remaining amount of Rs.13.55 crores from the State fund in commemoration with the 65th Birth Day Celebration of Hon'ble Chief Minister.

-P.T.O.

The Principal Chief Conservator of Forests has now proposed to plant seedlings during 2013-2014 to 2014-2016 and to be entirely maintained by Forest Department under Massive Tree Planting Programme in commemoration of 66th Birthday Celebration of the Hon'ble Chief Minister.

The Principal Chief Conservator of Forests has furnished the Objectives of the said programme are as follows:-

- To increase the green cover of Tamil Nadu through mass planting.
- To mitigate the adverse effects of various environmental pollutants like suspended particulate matter, gaseous pollutants, noise, radiation etc.
- To moderate the micro climatic factors like surface temperature, wind speed, soil moisture regime, ground water recharge etc.
- To improve the biodiversity and increase the population of birds and micro organisms.
- To enhance the aesthetic appearance of the urban environment and thereby improve the quality of human and animal life.

The Principal Chief Conservator of Forests has also furnished the Physical and Financial Target of the Massive Tree Planting Programme for planting .66 lakhs are as follows:-

For raising, planting maintenance of 16x30 cm seedlings @ 6,600 per district (2,11,200 in 32 districts) in commemoration of Hon'ble Chief Minister's 66th Birth Day commencing from 24.02.2014 to 28.02.2014. : Rs.162.67 lakhs

For raising, planting maintenance of 16x30 cm seedlings for 6,600 numbers (61,77,600 seedlings to be planted during monsoon period commencing from September 2014 to September 2014. :Rs.4043.06 lakhs

For raising, planting maintenance of 30x 45 cm @ 6,600 per district (2,11,200 in 32 Districts) for planting during monsoon period commencing from September 2014 to September 2014. :Rs.687.69 lakhs

For raising, planting maintenance of 30x 45 cm @ 6,600 per district (2,11,200 in 32 Districts) for planting during monsoon period commencing from September 2014 to September 2014. :Rs.24.58 lakhs

Total
: Rs.4918 lakhs
(or)
Rs.49.18 crore

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2. The Principal Chief Conservator of Forests has furnished the Objectives of the said programme are as follows:-

- To increase the green cover of Tamil Nadu through mass planting.
- To mitigate the adverse effects of various environmental pollutants like suspended particulate matter, gaseous pollutants, noise, radiation etc.
- To moderate the micro climatic factors like surface temperature, wind speed, soil moisture regime, ground water recharge etc.
- To improve the biodiversity and increase the population of birds and micro organisms.
- To enhance the aesthetic appearance of the urban environment and thereby improve the quality of human and animal life.

3. The Principal Chief Conservator of Forests has also furnished the Physical and Financial Target of the Massive Tree Planting Programme for planting .66 lakhs are as follows:-

4. For raising, planting maintenance of 16x30 cm seedlings @ 6,600 per district (2,11,200 in 32 districts) in commemoration of Hon'ble Chief Minister's 66th Birth Day commencing from 24.02.2014 to 28.02.2014. : Rs.162.67 lakhs

5. For raising, planting maintenance of 16x30 cm seedlings for 6,600 numbers (61,77,600 seedlings to be planted during monsoon period commencing from September 2014 to September 2014. :Rs.4043.06 lakhs

6. For raising, planting maintenance of 30x 45 cm @ 6,600 per district (2,11,200 in 32 Districts) for planting during monsoon period commencing from September 2014 to September 2014. :Rs.687.69 lakhs

7. For raising, planting maintenance of 30x 45 cm @ 6,600 per district (2,11,200 in 32 Districts) for planting during monsoon period commencing from September 2014 to September 2014. :Rs.24.58 lakhs

8. Total : Rs.4918 lakhs (or) Rs.49.18 crore

9. The Principal Chief Conservator of Forests has also furnished the Physical and Financial Target of the Massive Tree Planting Programme for planting .66 lakhs are as follows:-

10. For raising, planting maintenance of 16x30 cm seedlings @ 6,600 per district (2,11,200 in 32 districts) in commemoration of Hon'ble Chief Minister's 66th Birth Day commencing from 24.02.2014 to 28.02.2014. : Rs.162.67 lakhs

11. For raising, planting maintenance of 16x30 cm seedlings for 6,600 numbers (61,77,600 seedlings to be planted during monsoon period commencing from September 2014 to September 2014. :Rs.4043.06 lakhs

12. For raising, planting maintenance of 30x 45 cm @ 6,600 per district (2,11,200 in 32 Districts) for planting during monsoon period commencing from September 2014 to September 2014. :Rs.687.69 lakhs

13. For raising, planting maintenance of 30x 45 cm @ 6,600 per district (2,11,200 in 32 Districts) for planting during monsoon period commencing from September 2014 to September 2014. :Rs.24.58 lakhs

14. Total : Rs.4918 lakhs (or) Rs.49.18 crore

The Principal Chief Conservator of Forests has stated that the outcome expected from the above project are as follows:-

- By the end of the project period, planted tree will improve the greenery to a considerable extent.
- It will result in considerable increase in the Bio-diversity of the urban areas especially the bird's population.
- The air pollutants in air will be absorbed / adsorbed by tree crowns, thereby improving the quality of life.
- A total number of about 15 lakh mandays will be generated for employment during the project period.

5. The cost table for raising planting the seedlings and maintenance are given in Annexure-I of this Government Order.

6. The Principal Chief Conservator of Forests has also furnished the model estimate for raising plantations during 2013-2014 to 2015-2016 and the tentative list of species recommended in this project. The species recommended for the above project are given in Annexure-II of this Government Order.

7. The Principal Chief Conservator of Forests has therefore requested to issue orders for planting 66 lakh seedlings under Massive Tree Planting Programme for the years 2013-2014 to 2015-2016 at a cost of Rs.49.18 crores.

8. The Principal Chief Conservator of Forests was suggested to explore the possibility of undertaking the labour intensive activities in the project through Mahatma Gandhi National Rural Employment Guarantee Scheme funds. The Principal Chief Conservator of Forests informed that the activities like pitting, transport of seedlings by head load, distribution to respective pits, planting, scrap weeding / soil working and watering can be done for seedlings proposed to be planted outside Reserved Forest areas for 31.00 lakh seedlings through Mahatma Gandhi National Rural Employment Guarantee Scheme fund. Hence the expenditure other than that under Mahatma Gandhi National Rural Employment Guarantee Scheme would work out to about Rs. 42.20 crore. Of this, Rs. 30.00 crore can be sourced from the Tamil Nadu Pollution Control Board and Rs.12.40 crore from state funds. Against last year's provision of 25% planting in Reserved Forests, this year 50% is proposed in the Reserved Forests which will be only compact planting in blocks and will be easy to monitor as suggested by Finance Department. Further the planting outside Reserved Forests will also be done in blocks (concentrated areas) as far as possible.

-P.T.O.

9. The Government have examined the proposal of the Principal Chief Conservator of Forests in detail and accord sanction for implementing the Massive Tree Planting Programme of planting 66 lakh seedlings in 32 districts of Tamil Nadu for three years from 2013-2014 to 2015-2016 (2 years planting + one year maintenance) at a cost of Rs.49.18 crores (Rupees Forty nine crores and eighted lakhs only) by availing a sum of Rs.30 crores (Rupees thirty crores only) from the funds of Tamil Nadu Pollution Control Board, Rs.12.38 crore from the State fund and Rs.6.80 crores to be allocated for the year 2014 - 2015 onwards and Rs.6.80 crores to meet out the labour activities through the Mahatma Gandhi National Rural Employment Guarantee Scheme. Detailed in the Annexure-I to this order.

10. The State fund of Rs.12.38 crore sanctioned in para 9 above shall be debited to the following head of account :-

3345 ECOLOGY AND ENVIRONMENT - 60. Others - 800. Other Expenditure - Schemes in the Twelfth Five Year Plan - II. State Plan - JA. Environment Protection - 09. Grants - in - Aid - 01. Grants for Current Expenditure
3345 60 800 JA 0913)

11. The Chairman, Tamil Nadu Pollution Control Board is requested to release a sum of Rs.7.86 crore from its share amount of Rs.30.00 crore as first instalment for the commencement planting programme of the above said scheme during the year 2013-2014 and is also requested to release the balance amount in a phased manner based on the progress of the scheme.

12. The Director of Environment is also requested to arrange to release a sum of Rs.12.38 crore from the Environment Protection and Renewable Energy Development Fund for the year 2014-2015 onwards for the implementation of the above said scheme. Further planting and maintenance should be closely monitored. Release of state fund shall be made over three equal instalments according to the following instalments of Rs.4.13 crore each in 2014-2015 and one instalment in 2015-2016 (at Rs.4.12 crore).

13. The Principal Chief Conservator of Forests is permitted to meet out the labour intensive activities such as pitting, transport of seedlings by head load, distribution to respective pitta, planting, scrap weeding / soil working and watering in reserved Forest areas for 31.00 lakh seedlings to the tune of about 6.80 crores for implementing the above said scheme through the works under the Mahatma Gandhi National Rural Employment Guarantee Scheme, in coordination with the Rural Development and Panchayat Raj Department.

14. The expenditure sanctioned in para 9 above should be brought to the notice of Legislature by specific inclusion in the Supplementary Estimates 2013-2014. The Director of Environment is directed to send necessary draft Explanatory Notes

for including the Finance Department

15. This order No.7359/Fin Ledger No:2806 (

To
The Principal Chief Conservator of Forests,
Tamil Nadu Pollution Control Board,
The Director of Environment,
The Director of Forests,
The Accountant General,
The Pay and Accounts Officer,
The Treasury Officer,
(through Principal Chief Conservator of Forests),
All District Collectors

Copy to:
The Principal Secretary,
The Special Secretary,
The Special Secretary,
Court,
The Special Secretary,
The Special Secretary,
The Senior Private Secretary,
Environment,
The Private Secretary,
Rural Development,
The Environment,
The Finance (General),
The Resident Secretary,
etc./etc.

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for including the above expenditure in the Supplementary Estimates 2013-2014 to Finance Department immediately without fail.

15. This order issues with the concurrence of Finance Department vide its U.O.No.7559/Finance (AH&F)/2014, dated 11.02.2014 and with Additional Sanction Ledger No:2806 (Two thousand eight hundred and six).

(BY ORDER OF THE GOVERNOR)

MOHAN VERGHESE CHUNKATH
ADDITIONAL CHIEF SECRETARY TO GOVERNMENT

To
The Principal Chief Conservator of Forests, Chennai-15.
The Chairman,
Tamil Nadu Pollution Control Board, Chennai-32.
The Director of Environment, Chennai-15.
The Director of Rural Development and Panchayat Raj Department, Chennai-15.
The Accountant General, Chennai-18/35.
The Pay and Accounts Officer, Chennai.
The Treasury Officers (Concerned District),
(through Principal Chief Conservator of Forests, Chennai-15).
The Chief Conservator of Forests / Conservator of Forests concerned
(through Principal Chief Conservator of Forests, Chennai-15)
All District Collectors.

Copy to:

The Principal Secretary II to the Hon'ble Chief Minister, Chennai-9.
The Special Personal Assistant to Hon'ble Minister (Finance & Public Works), Chennai-9.
The Special Personal Assistant to Hon'ble Minister (MAWS, Rural Development, Court, Law & Prison), Chennai-9.
The Special Personal Assistant to the Hon'ble Minister (Forests), Chennai-9.
The Special Personal Assistant to the Hon'ble Minister (Environment), Chennai-9.
The Senior Private Secretary to the Additional Chief Secretary to Government, Environment and Forests Department, Chennai-9.
The Private Secretary to the Principal Secretary to Government, Rural Development and Panchayat Raj Department, Chennai-9.
The Environment and Forests (EC-2) Department, Chennai-9.
The Finance (AH&F/BPE/BG.I/BG.II/W&M) Department, Chennai-9.
The Resident Audit Officer, Secretariat, Chennai-9.
SF/SCs.

// FORWARDED: BY ORDER //

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ANNEXURE - I

G.O.(Ms) No.18, Environment and Forests (FR.6) Department, dated 11.2.2014

The works proposed to be undertaken under Massive Tree Planting Programme for the year 2013-2014

Activity	Quantity in Numbers	Rate per Seedlings (in Rs.)	Amount (Rs. in Lakh)
Commemoration of Hon'ble Chief Minister's Birthday Planting (16X30 cm) (24th Feb.2014 to 28th Feb.2014)			
Raising 16X30 cm container seedlings @ 600 per district. (including 10% casualty)	2,32,320	14.00	32.52
Planting 16X30 cm seedlings during the last week of February (6 watering)	2,11,200	32.50	68.64
Preparatory works for raising 16 x 30 cm container seedlings for replacement of casualty	21,120	8.00	1.69
Sub-Total (I)			102.85
Planting 16X30 cm seedlings during monsoon period			
Preparatory works for raising 16X30 cm container seedlings @ 1,93,050 seedlings per district (including casualty replacement - 67,95,360 seedlings).	67,95,360	8.00	543.63
Planting 30X45 cm seedlings during monsoon period			
Preparatory works for raising 30 x 45 cm container seedlings @ 6,600 seedlings per district (including casualty replacement).	2,32,320	58.30	135.44
Preparation of project report, monitoring and documentation @ 0.5% of the total project cost			4.08
Total (I+II+III+IV)			786.00

-P.T.O.

B. The works proposed to be undertaken under Massive Tree Planting Programme for the year 2014-2015

C. The wor Programme

Sr No	Activity	Quantity in Numbers	Rate per Seedlings (in Rs.)	Amount (Rs. in Lakh)
I	Commemoration of Hon'ble Chief Ministers Birthday Planting (16X30 cm)			
I	Maintenance of 16 x 30 cm container seedlings raised for replacement of casualty	21,120	6.27	1.32
I	1 year Maintenance of 16 x 30 cm seedlings 2,11,200 Nos. (replacement & watering)	2,11,200	27.70	58.50
	Sub total			59.82
II	Planting 16X30 cm. seedling during Mansoon period			
I	Maintenance of 16 x 30 cm container seedlings raised for Mansoon planting including replacement of casualty.	67,95,360	6.27	426.07
I	Planting 16 x 30 cm container seedlings during Mansoon (including watering during summer)			
I	Outside Reserved Forest - 50% of the total seedlings @ 96,525 seedlings per district.	30,88,800	47.30	1461.00
I	Enrichment planting in RFs- 50% of the total seedlings @ 96,525 seedlings per district.	30,88,800	38.06	1175.60
I	Preparatory works for raising 16x30 cm. container seedlings for replacement of casualty to be done during 2015-2016.	6,17,760	8.80	54.36
	Sub total			3117.03
III	Planting 30X45 cm seedling during Mansoon period			
I	Maintenance of 30 x 45 cm container seedlings raised during 2013-2014 including for replacement of casualty	2,32,320	19.80	46.00
I	Planting 30X45 cm seedlings during Mansoon period (including watering during summer).	2,11,200	133.10	281.11
I	Preparatory works for raising 30x45 cm. container seedlings for replacement of casualty to be done during 2015-2016.	21,120	64.13	13.54
	Sub total			340.65
IV	Preparation of project report, Monitoring and documentation @ 0.5% of the total project cost			17.50
	Sub total			3535.00

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C. The works proposed to be undertaken under Massive Tree Planting Programme for the year 2015-2016

Sl. No.	Activity	Quantity in Numbers	Rate per Seedlings (in Rs.)	Amount (Rs. in Lakh)
I	Commemoration of Hon'ble Chief Minister's Birthday Planting	-	-	-
II	Planting 16X30 cm seedling during Mansoon period			
1	Maintenance of 16 x 30 cm container seedlings raised for replacement of casualty from April 2015 to September 2015.	6,17,760	6.90	42.63
2	1 year Maintenance of 16 x 30 cm seedlings 61,77,600 number of seedlings (replacement of casualty).	61,77,600	5.50	339.77
Sub Total				382.40
III	Planting 30X45 cm. seedling during Mansoon period			
1	Maintenance of 30 x 45 cm container seedlings raised for replacement of casualty.	21,120	21.78	4.60
2	1 year Maintenance of 30 x 45 cm seedlings (2,11,200 number of seedlings) (replacement casualties)	2,11,200	98.01	207.00
Sub total				211.60
IV	Preparation of project report, Monitoring and documentation @ 0.5% of the total project cost			3.00
Total (I+II+III+IV)				597.00

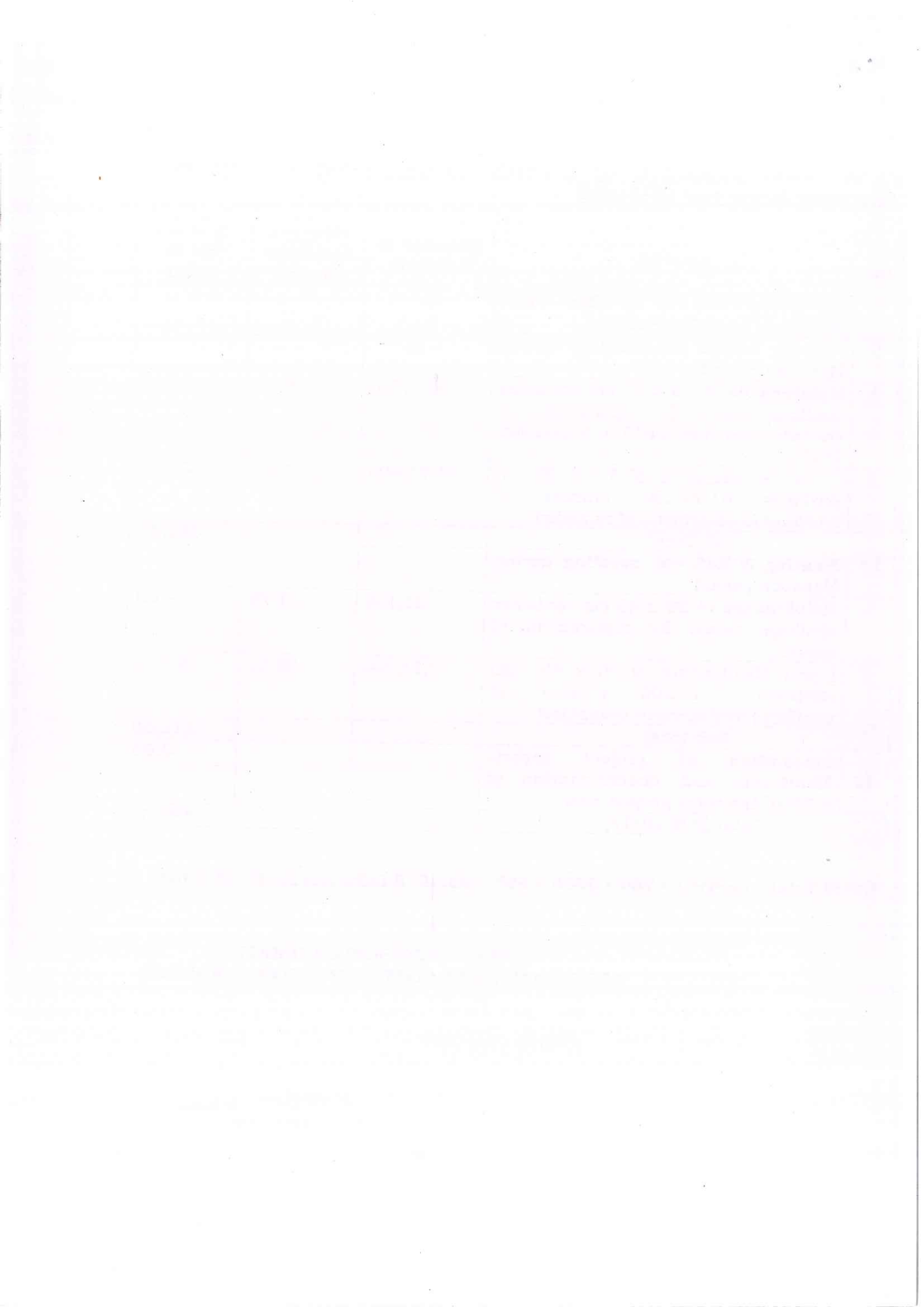
Grand Total = (A+B+C) = 786 + 3535 + 597 = Rs.4918 Lakh (or) Rs.49.18 Crore

MOHAN VERGHESE CHUNKATH
ADDITIONAL CHIEF SECRETARY TO GOVERNMENT

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2013/12/2/114
SECTION OFFICER

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ANNEXURE - II

The G.O.(Ms) No.18, Environment and Forests (FR.6) Department, dated 11.2.2014

The species recommended for Avenue Plantation

1. <i>Azadirachta indica</i>	வேம்பு
2. <i>Bassia latifolia</i>	இலுப்பை
3. <i>Bauhinia purpurea</i>	மந்தாரை
4. <i>Bauhinia racemosa</i>	ஆத்தி
5. <i>Bauhinia retusa</i>	மந்தாரை
6. <i>Bauhinia variegata</i>	மந்தாரை
7. <i>Calophyllum inophyllum</i>	புன்னை
8. <i>Cassia fistula</i>	மஞ்சள் கொன்றை
9. <i>Cassia marginata</i>	கொன்றை
10. <i>Erythrina indica</i>	முள் முருங்கை
11. <i>Gousima tementosa</i>	நாட்டு ருத்ராட்சம்
12. <i>Guaicum officinale</i>	கரியிலை
13. <i>Hibiscus tiliaceus</i>	நாட்டு பூவரசு
14. <i>Jacaranda mimosifolia</i>	ஐகரெண்டா
15. <i>Khaya senegalensis</i>	காயா
16. <i>Kigelia pinnata</i>	சிவகுண்டலம்
17. <i>Lagerstroemia speciosa (Flosregina)</i>	லெகஸ்டோமியா
18. <i>Michelia champaca</i>	செண்பகம்
19. <i>Millingtonia hortensis</i>	மரமல்லி
20. <i>Mimusops elengi</i>	மகிழம்
21. <i>Peltophorum ferrugineum</i>	இயல்வாகை
22. <i>Samania saman</i>	தூங்குமுஞ்சி வாகை
23. <i>Spathodium companulatum</i>	ஸ்பெத்தோடியம்
24. <i>Tamarindus indica</i>	புளி
25. <i>Tebubia rosea</i>	தபிபியா
26. <i>Tecoma stans</i>	தங்க அரளி
27. <i>Terminalia catapa</i>	வாதுமை

The species recommended for Institutions, Industrial Complex etc., plantation

1. <i>Adenanthera pavonica</i>	ஆனை குண்டுமணி
2. <i>Albizia lebbek</i>	வாகை
3. <i>Aniropsophalus cadamba</i>	கடம்பம்
4. <i>Aradrachta indica</i>	வேம்பு
5. <i>Butea monosperma</i>	பொரசு
6. <i>Calophyllum inophyllum</i>	புள்ளை
7. <i>Casearupita gulanensis</i>	நாகலிங்கம்
8. <i>Berbergia latifolia</i>	தோதகத்தி
9. <i>Camelina arborea</i>	மலை பூவரசு
10. <i>Casearuma tomentosa</i>	நாட்டு ருத்ராட்சம்
11. <i>Crewia tillaeifolia</i>	தடசு
12. <i>Cligelia pinnata</i>	சிவகுண்டலம்
13. <i>Basia latifolia</i>	இலுப்பை
14. <i>Alchelia champaca</i>	செண்பகம்
15. <i>Moringtonia hortensis</i>	மரமல்லி
16. <i>Mimusops elengi</i>	மகிழும்
17. <i>Brevilea robusta</i>	கிரிவிலியா
18. <i>Peltiopherum ferrugineum</i>	இயல்வாகை
19. <i>Fongamia pinnata</i>	புங்கம்
20. <i>Pterocarpus marsupium</i>	வேங்கை
21. <i>Swietenia mahogani</i>	மகாகனி
22. <i>Sesuyghum cumini</i>	நாவல்
23. <i>Spathodea companulata</i>	ஸ்பெத்தோடியா
24. <i>Thespesia populnea</i>	பூவரசு
25. <i>Tamarindus indica</i>	புளி
26. <i>Tectona grandis</i>	தேக்கு
27. <i>Terminalia arjuna</i>	ஆத்து மருது
28. <i>Terminalia catappa</i>	கடம்ப மரம்
29. <i>Terminalia bellarica</i>	கடுக்காய்

species recomm

1. Terminalia
2. Emblica o,
3. Syzygium
4. Hardwic
5. Dulbergi
6. Bassia l.
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8. Terminal
9. Strychn
10. Saplu
11. Alangi
12. Bamb
13. Wilgh
14. Holop
15. Pong
16. Azad
17. Anno
18. Acar
19. Aca
20. Aca
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22. All
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Species recommended for planting in Reserve Forest/Reserve Land areas.

1. <i>Terminalia arjuna</i>	ஆத்து மருது
2. <i>Emblica officinalis</i>	நெல்லி
3. <i>Syzygium cumini</i>	நாவல்
4. <i>Hardwica binata</i>	ஆச்சான்
5. <i>Dulbergia sissoo</i>	சிக
6. <i>Bassia latifolia</i>	இலுப்பை
7. <i>Terminalia chebula</i>	தாணாரி
8. <i>Terminalia bellerica</i>	கடுக்காய்
9. <i>Strychnos nux-vomica</i>	எட்டி
10. <i>Sapindus emarginatus</i>	பூச்சிக்காய்
11. <i>Alangium salviifolium</i>	அழிஞ்சி
12. <i>Bambusa bambos</i>	மூங்கில்
13. <i>Wrightia tinctoria</i>	வெப்பாலை
14. <i>Holoptelea integrifolia</i>	ஆயா
15. <i>Pongamia pinnata</i>	புங்கம்
16. <i>Azadirachta indica</i>	வேம்பு
17. <i>Annona squamosa</i>	சீத்தா
18. <i>Acacia chundra</i>	கருங்காலி
19. <i>Acacia leucophloea</i>	வெல்வேல்
20. <i>Acacia ferruginea</i>	பரம்பை
21. <i>Albizzia lebbek</i>	வாகை
22. <i>Albizzia amara</i>	உசில்
23. <i>Pterocarpus santalinus</i>	செம்மரம்
23. <i>Pterocarpus marsupium</i>	வேங்கை
24. <i>Morinda tinctoria</i>	நுனா
25. <i>Dendrocalamus strictus</i>	கல் மூங்கில்.

MOHAN VERGHESE CHUNKATH
ADDITIONAL CHIEF SECRETARY TO GOVERNMENT

// True Copy //

சுமந்தர் 12/2/14
SECTION OFFICER

12.2.14

