

**DETAILS OF FINANCIAL OUTLAY FOR COMPENSATORY AFFORESTATION (WORKS TO BE CARRIED BY FOREST DEPARTMENT)**

Sl. No	Details	Area	Unit Cost	Amount	Remarks
1	<b>Compensatory Afforestation</b>				
a.	Raising Nursery and Planting	7.70 Ha	586080 /Ha	4512816	CA will be undertaken in the degraded Reserved Forests for 8470 seedlings in 7.70 Ha in Appur RF as per Government of India, MoEFCC, F.No.11-423/2011-FC Dt.08.11.2017.
			<b>Sub Total</b>	<b>4512816</b>	
b.	Maintenance of Plantation				
	1 <sup>st</sup> year	7.70 Ha	297060 /Ha	2287362	The CA Plantation will be maintained over a period of 10 years and accordingly provision has been made.
	2 <sup>nd</sup> year		304800 /Ha	2346960	
	3 <sup>rd</sup> year		335280 /Ha	2581656	
	4 <sup>th</sup> year		36240 /Ha	279048	
	5 <sup>th</sup> year		39860 /Ha	306922	
	6 <sup>th</sup> year		43850 /Ha	337645	
	7 <sup>th</sup> year		48230 /Ha	371371	
	8 <sup>th</sup> year		53050 /Ha	408485	
	9 <sup>th</sup> year		58360 /Ha	449372	
	10 <sup>th</sup> year		64190 /Ha	494263	
			<b>Sub Total</b>	<b>9863084</b>	
			<b>TOTAL</b>	<b>14375900</b>	
2	Contingency fund to meet out the special nature of works for restocking of plantation in the event of drought, protection of plantation etc., @ 5% of total scheme cost			718795	
	<b>GRAND TOTAL</b>			<b>15094695</b>	

**Rs.1,50,94,695/- (Rupees One Crore Fifty Lakhs Ninety Four Thousand Six Hundred and Ninety Five Only)**

*Ganpa Stalin*  
22/11/19

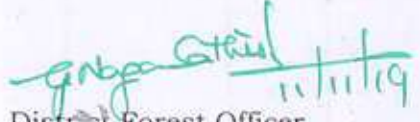
District Forest Officer,  
Chengalpattu Division,  
Kancheepuram.



*AD*  
22/11/19

**DETAILS OF COMPENSATORY AFFORESTATION WORK TO BE CARRIED BY USER AGENCY DIRECTLY.**

Sl. No	Details	Area	Unit Cost	Amount	Remarks
1	Planting dwarf species below the transmission line in the diverted forest area.				
a.	Raising dwarf species 3850 Seedlings	3.85 Ha	86100 /Ha	331485	The User Agency will be entrusted with raising of Dwarf species preferably medicinal plants @ 1000 seedlings per ha under the transmission line with maintenance of plantation over five years period under the guidance of Forest Department.
b.	Maintenance				
	1 <sup>st</sup> year		13300 /Ha	51205	
	2 <sup>nd</sup> year		13980 /Ha	53823	
	3 <sup>rd</sup> year		15370 /Ha	59175	
	4 <sup>th</sup> year		16110 /Ha	62024	
	5 <sup>th</sup> year		17720 /Ha	68222	
		<b>Sub-total</b>		<b>625933</b>	
2	<b>Engaging two mazdoors for 10 years to protect the area below the transmission line to avoid fire occurrence.</b>				
	Engaging a protection mazdoor for CA				
	1 <sup>st</sup> year.	7.70 Ha	430.9 / Day	258540	The User Agency will be entrusted with the task of providing two mazdoors under the control of District Forest Officer till the maintenance is completed for protection and maintenance of Dwarf species.
	2 <sup>nd</sup> year		473.99 / Day	284394	
	3 <sup>rd</sup> year		521.38 / Day	312828	
	4 <sup>th</sup> year		573.51 / Day	344106	
	5 <sup>th</sup> year		630.86 / Day	378516	
	6 <sup>th</sup> year		693.94 / Day	416364	
	7 <sup>th</sup> year		763.33 / Day	457998	
	8 <sup>th</sup> year		839.66 / Day	503796	
	9 <sup>th</sup> year		923.62 / Day	554172	
	10 <sup>th</sup> year		1015.98 / Day	609588	
	<b>Sub Total</b>			<b>4120302</b>	
	<b>GRAND TOTAL</b>			<b>4746235</b>	

**Rs.47,46,235/- (Rupees Forty Seven Lakhs Forty Six Thousand Two Hundred and Thirty Five Only)**

  
 District Forest Officer,  
 Chengalpattu Division,  
 Kancheepuram.

## Model Estimate for Raising Nursery

Size of Polybags : 30x45 cm

No of Seedlings : 1000 Nos

(+) Replacement casualties : 100 Nos

: 1100 Nos

Period of Nursery: 10 Months

Wages Rate: Rs. 430.90

Sl. No	Qty	Details of Work	FSR Item No	FSL	Rate	Per	Amount
<b>NURSERY OPERATIONS FOR 13x25cm</b>							
1	1100 Nos	Cost of 13x25cmx250G polybags	Tender rate 2018-19		944	1000	1038
2	150 M2	Preparation of Nursery site by Clearing and levelling the site for forming standard bed of size 10mx1m	4.1	2.42	1042.78	200	782
3	2 kg	Cost of Seeds	LR		150	1	300
4	3 Cu.m	Formation of germination beds of size 10x1x3 m	PWD SSR item 62		73.10	1	219
5	1.0 Beds	Watering the Germination Beds twice daily with rose can (15days)	4.5.1	0.82	353.34	10 beds / day	530
6	1.0 Beds	Watering the germination beds once daily with rose can (15days)	4.5.2	0.41	176.60	10 beds / day	265
7	1.074 Cu.m	Collection and supply of sand silt and red soil according the requirement of preparation of soil mixture 4/5th of total volume	MTP ME		750	Cu.m	806
8	0.27 Cu.m	Collection and supply of farm yard manure filling bags 1/5th of total volume	MTP ME		750	Cu.m	203
9	1100 Nos	Preparation of soil mixture by breaking clods, seiving, mixing fertile earth (including red soil, silt and sand according to requiements) and farmyard manure in the reation of 3.1.heaping at the filling site and filling in poly bags arranging bags in beds and pricking out the seedlings	4.6.4	4.48	1930.43	1000	2123

Sl. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
10	1100	Nos	Watering the container plants twice daily with rose can 13x25 cm (15days)	4.10.4	0.23	99.11	1000	1635
11	1100	Nos	Watering the container plants once in daily with rose can 13x25 cm (30days)	4.11.4	0.115	49.55	1000	1635
12	1100	Nos	Cost of water for watering the container seedlings from private wells - 45days	4.18 - FSR 1998/- 99		0.85	1000	42
13	1100	Nos	Nursery protection mazdoor 1 Nos 100000 Nos of 13x25 cm bags - 45days	wages rate		430.90	10000 0/M	213
<b>PART II - Bigger size bags : 30x45cmx600g</b>								
14	1100	Nos	Cost of 30x45cmx600G polybags	Tender rate 2018-19		9263	1000	10189
13	9.230	M3	Collection and supply of sand silt and red soil according the requirement of preparation of soil mixture 4/5th of total volume (excluding volume of 10x20bags)	MTP ME		750	M3	6923
14	2.31	M3	Cost of transport of Farmyard manure for filling bags 1/5th of total volume (excluding volume of 10x20 bags)	MTP ME		750	M3	1733
15	1100	Nos	Preparation of soil mixture by breaking clods,seiving, mixing fertile earth (including redsoil, silt and sand according to requiements) and farmyard manure in the reation of 4:1.heaping at the filling site and filling in poly bags 30x45cm arranging bags in beds and pricking out the seedling (excluding cost of soil mixture and FYM)	4.6.7	28.57	12310.81	1000	13542
16	10.00	Maz	Labour cost of transplanting seedlings from 13x25 cm container bags into 30x45 cm containers 10maz/1000	NHAI ME		430.90	each	4309

Sl. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
17	30.00	Kg	Cost of Vermicasting @ 30gm / container	MTP ME 19-20		10.00	each	300
18	15.00	Kg	Cost of Vam@15gm/container	MTP ME 19-20		18.00	each	270
19	6.00	Kg	Cost of Azospirillum @ 6gm/ container	MTP ME 19-20		27.00	each	162
20	6.00	Kg	Cost of phosphobacteria @ 6gm/ container	MTP ME 19-20		27.00	each	162
21	1100	Nos	Cost of vertical strick of size 2.50 mts			43.75	Each	48125
22	500	Mtrs	Cost of Horizontal strick	NHAI ME		17.50	Mtrs	8750
23	1100	Nos	Tying plants to vertical stick one in a month 2times			0.40	Each/ time	880
24	1100	Nos	Pruning side branches once in 8 months - 4 times	MTP ME 19-20		1.00	Each/ time	4400
			Watering the container plants with rose can watering regime approved PCCF's Ref.No.J1/57395/2003, dt:12.12.2003					
25	1100		Twice daily - 60days	4.10.7	0.56	241.30	1000	15926
26	1100		Once daily - 210 days	4.10.7	0.28	120.65	1000	27871
27	1100		Shifting the container plants weeding grading and replacement of casualities in the bags -shifting to done once in 21dyas, 1shiting not before 45days after pricking out - 12 shifts	4.15.7	2.69	1159.12	1000	15300
28	1100		Cost of water for watering the container seedlings from private wells - 270 days	4.18 FSR 98-99		3.20	1000	950
29	60	sqm	Land rent for nursery in private lands for 10 months	4.17- FSR 1998-99		86.00	40 sqm	1290

SI. No	Qty	Details of Work	FSR Item No	FSL	Rate	Per	Amount
30	LS	Contingencies for application of pesticides etc., and unforeseen intems if any					1126
<b>TOTAL</b>							<b>172000</b>

Rate calculated for 2019-20 of Rs 172000

1 seedling Rate for 2019-20 Rs 172.00 per seedling

*G. Naga Satish*  
 District Forest Officer,  
 Chengalpattu Division,  
 Kancheepuram.

*22/11/19*

## Model Estimate for Planting

Size of Polybags : 30x45 cm  
 No of Seedlings : 1000  
 Wages Rate : Rs. 430.90

Sl. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
1	1000	Nos	Digging of 60cm <sup>3</sup> pits in hard gravelly soil / soft rock along the State Highway during rainy season	as per based on FSR 5.8.1	9.26	3990.13	100 Nos	39901
2	15.625	Nos	Cost and transport of farmyard manure each plant (0.25x0.25x0.25=0.015625x1000=15.625 m3)	MTP ME		750	1 M3	11719
3	1000	Nos	Cost of Gypsum including application charges	Wage rate		10	1 No	10000
4	125	M3	Collectoin and supply of sand silt and redsoil according to the requirement 1/3 of the pit (0.50x0.50x0.50=0.125x1000=125 m3)	MTP ME 18-19		750.00	1 M3	93750
5	1100	Nos	Transport of container seedlings in private vehicles upto a lead of 10Kms. Excluding load and unloading charges @ 2000/Load	NHAI & MTP PME		7.00	1 No	7700
6	1100	Nos	Loading & Unloading the Container plants charges	5.11.7	3.29	1417.66	1000 Nos	1559
			Distribution of saplings from where seedlings are stocked to the planting spot upto 100mts.					
7	550	Nos	Upto 100 m	5.15.1	10	4309.00	1000 Nos	2370
8	550	Nos	Upto 200 m	5.15.2	17.5	7540.75	1000 Nos	4147
9	1000	Nos	Planting the Container plants by refilling pits of size 60 cm <sup>3</sup>	as per based on FSR 5.22	1.71	736.84	100 Nos	7368
10	1000	RM	Provision of vertical casurina poles 5cm to 8cm girth and 2.50 m height per plant	PWD SSR 148 / d		43.75	each	43750


SI. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
11	100	Nos	Replacement of casualties by reopening failed pits and planting the saplings (1/2 pitting rate + full planting rate)	5.23		2731.91	100 Nos	2732
12	1000	Nos	Scraping for 1 m dia and soil working 15 cm depth around each plants and removing the grass roots away from the site of upturning the soil - 2 times	5.24	1.23	530.01	100 Nos	5300
13	1000	Nos	Forming catch water drains for each plant in plains 90 cm x 45 cm x 30 cm size in hard gravelly soil	5.26	6.84	2947.36	100 Nos	29474
15	300000	Ltrs	Cost of water @ 20 liter per seedlings 15 watering days (20x1000x15=300000Ltrs)	As per MTP ME 18-19		1200.00	12000 Ltrs	30000
16	1000	Nos	Watering the plants once in 6 days during non rainy period (from January 2018 to March 2018) 200 Plants per mazdoor - 15 watering days	As per MTP ME 18-19		430.90	200 Nos	32318
17	LS		Contingencies for application of pesticides etc. and unforeseen items if any					5912
<b>TOTAL</b>								<b>328000</b>

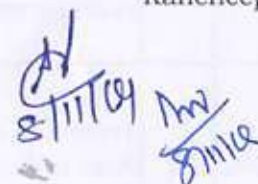
Rate calculated for 2019-20 328000

**Cost of seedlings for 2019-20 328.00 per seedling**

add 10 % escalation for 2020-21 32.80

**Cost of seedlings for 2020-21 360.80 per seedling**

  
 District Forest Officer,  
 Chengalpattu Division,  
 Kancheepuram.



## Model Estimate for I<sup>st</sup> Year Maintenance

Size of Polybags : 30x45cm

Replacement of Casualties : 10%

Wages Rate Rs. 430.90

Sl. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
1	100	Nos	Cost of Taller seedlings			161.00	1 No	16100
2	100	Nos	Transporting seedlings (transported to the radius of 42kms ) excluding loading and unloading	NHAI & MTP PME		7.00	1 No	700
3	100	Nos	Loading & Unloading the Container plants charges	5.11.7	3.29	1417.66	1000 Nos	142
4			Distribution of saplings from where seedlings are stocked to the planting spot upto 100mts.					
a	100	Nos	Upto 100mt	5.15.1	10	4309.00	1000 Nos	431
5	100	Nos	Replacement of casualties by reopening failed pits and planting the saplings (1/2 pitting rate + full planting rate)	5.23		2731.91	100 Nos	2732
6	1000	Nos	Cost of gypsum including application charges (2 times)	Wages Rate		10.00	each	20000
7	1000	Nos	Application of poultry manure @ 250 gm per plant by mixing in the pit before planting including cost & transport (2 times)	MTP ME 19-20		0.50	each	1000
8	1000	Nos	Cost of DAP including application charges (per seedling 0.020 mg) (2 times)	MTP ME 19-20		35.00		1400
9	1000	Nos	Scraping for 1m dia and soil working 15cm depth around each plants and removing the grass roots away from the site of upturning the soil - 2 times	FSR 5.24	1.23	530.01	100 Nos	10600
10	1000	Nos	Watering the plants once in 6 days during summer season April to Sept and Jan to Mar (45 days)	MTP ME 19-20		430.90	200 Nos	96953

Sl. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
11	900000	Ltrs	Cost of water @ 20 liter per seedling 45 watering days (20x1000x45=900000Ltrs)	MTP ME 19-20		1200.00	12000 Ltrs	90000
12	1000	Nos	Pruning side branches once in a year	LR		430.90	1 No / 100 seedlings	4309
13	LS		Contingencies for application of pesticides etc. and unforeseen items if any					1134
<b>TOTAL</b>								<b>245500</b>

Rate calculated for 2019-20 245500

Cost of seedlings for 2019-20 245.50 per seedling

add 10 % escalation for 2020-21 24.55

**Cost of seedlings for 2020-21 270.05 per seedling**

add 10 % escalation for 2021-22 27.01

**Cost of seedlings for 2021-22 297.06 per seedling**

*G. Nagarathin*  
 District Forest Officer,  
 Chengalpattu Division,  
 Kancheepuram.

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 8/11/19*

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 8/11/19*

## Model Estimate for 2<sup>nd</sup> Year Maintenance

Size of Polybags

: 30x45 cm

Wages Rate

Rs. 430.90

Sl. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
1	1000	Nos	Cost of gypsum including application charges (2times)	Wages Rate		10.00	each	20000
2	1000	Nos	Application of poultry manure @ 250 gm per plant by mixing in the pit before planting including cost & transport (2 times)	MTP ME 19-20		0.50	each	1000
3	1000	Nos	Cost of DAP including application charges (per seedling 0.020 mg) (2 times)	MTP ME 19-20		35.00		1400
4	1000	Nos	Scraping for 1m dia and soil working 15cm depth around each plants and removing the grass roots away from the site of upturning the soil - 2 times	5.24	1.23	530.01	100 Nos	10600
5	1000	Nos	Watering the plants once in 6 days during summer season April to Sept and Jan to Mar (45 days)	MTP ME 19-20		430.90	200 Nos	96953
6	900000	Ltrs	Cost of water @ 20 liter per seedlings 45 watering days (20x1000x45=90000Ltrs)	As per MTP ME		1200.00	12000 Ltrs	90000
7	1000	Nos	Pruning side branches twice in a year	LR		430.90	1 No / 100 seedlings	8618

SI. No	Qty	Details of Work	FSR Item No	FSL	Rate	Per	Amount
8	LS	Contingencies for application of pesticides etc. and unforeseen items if any	LS				429
<b>TOTAL</b>							<b>229000</b>

Rate calculated for 2019-20 229000

**Cost of seedlings for 2019-20 229.00 per seedling**

add 10 % escalation for 2020-21 22.90

**Cost of seedlings for 2020-21 251.90 per seedling**

add 10 % escalation for 2021-22 25.19

**Cost of seedlings for 2021-22 277.09 per seedling**

add 10 % escalation for 2022-23 27.71

**Cost of seedlings for 2022-23 304.80 per seedling**

*G. N. Sathish*  
 District Forest Officer,  
 Chengalpattu Division,  
 Kancheepuram.

*M. S. Sathish*  
*M. S. Sathish*

## Model Estimate for 3<sup>rd</sup> Year Maintenance

Size of Polybags : 30x45 cm

Wages Rate : Rs 430.90

Sl. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
1	1000	Nos	Cost of gypsum including application charges (2 times)	LR		10.00	each	20000
2	1000	Nos	Application of poultry manure @ 250 gm per plant by mixing in the pit before planting including cost & transport (2 times)	MTP ME 19-20		0.50	each	1000
3	1000	Nos	Cost of DAP including application charges (per seedling 0.020 mg) (2 times)	MTP ME 19-20		35.00		1400
4	1000	Nos	Scraping for 1 m dia and soil working 15 cm depth around each plants and removing the grass roots away from the site of upturning the soil 2 times	5.24	1.23	530.01	100 Nos	10600
5	1000	Nos	Watering the plants once in 6 days during summer season April to Sept and Jan to Mar (45 days)	MTP ME 19-20		430.90	200 Nos	96953
6	900000	Ltrs	Cost of water @ 20 liter per seedling 45 watering days (20x1000x45=900000Ltrs)	MTP ME 19-20		1200.00	12000 Ltrs	90000
7	1000	Nos	Pruning side branches twice in a year	LR		430.90	1 No / 100 seedlings	8618

Sl. No	Qty	Details of Work	FSR Item No	FSL	Rate	Per	Amount
8	LS	Contingencies for application of pesticides etc. and unforeseen items if any					429
<b>TOTAL</b>							<b>229000</b>

Rate calculated for 2018-19 229000

**Cost of seedlings for 2019-20 229.00 per seedling**  
add 10 % escalation for 2020-21 22.90

**Cost of seedlings for 2020-21 251.90 per seedling**  
add 10 % escalation for 2021-22 25.19

**Cost of seedlings for 2021-22 277.09 per seedling**  
add 10 % escalation for 2022-23 27.71

**Cost of seedlings for 2022-23 304.80 per seedling**  
add 10 % escalation for 2023-24 30.48

**Cost of seedlings for 2023-24 335.28 per seedling**

*G. N. Sathish*  
11/11/24  
District Forest Officer,  
Chengalpattu Division,  
Kancheepuram.

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## Model Estimate for 4<sup>th</sup> Year Maintenance

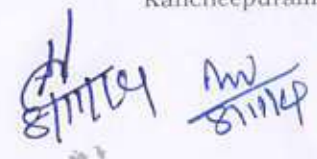
Size of Polybags : 30x45 cm

Wages Rate Rs 430.90

Sl. No	Qty	Details of Work	FSR Item No	FSL	Rate	Per	Amount
1	1000 Nos	Scraping for 1m dia and soil working 15cm depth around each plants and removing the grass roots away from the site of upturning the soil - 2 times	5.24	1.23	530.01	100 Nos	10600
2	1000 Nos	Pruning side branches twice in a year	LR		430.90	1 No / 75 seedlings	11491
3	LS	Contingencies for application of pesticides etc. and unforeseen items if any					409
<b>TOTAL</b>							<b>22500</b>

Rate calculated for 2019-20	22500
<b>Cost of seedlings for 2019-20</b>	<b>22.50 per seedling</b>
add 10 % escalation for 2020-21	2.25
<b>Cost of seedlings for 2020-21</b>	<b>24.75 per seedling</b>
add 10 % escalation for 2021-22	2.47
<b>Cost of seedlings for 2021-22</b>	<b>27.22 per seedling</b>
add 10 % escalation for 2022-23	2.72
<b>Cost of seedlings for 2022-23</b>	<b>29.95 per seedling</b>
add 10 % escalation for 2023-24	2.99
<b>Cost of seedlings for 2023-24</b>	<b>32.94 per seedling</b>
add 10 % escalation for 2024-25	3.29
<b>Cost of seedlings for 2024-25</b>	<b>36.24 per seedling</b>

  
 District Forest Officer,  
 Chengalpattu Division,  
 Kancheepuram.



## Model Estimate for 5<sup>th</sup> Year Maintenance


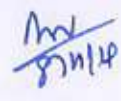
Size of Polybags  
Wages Rate

:30x45cm  
Rs 430.90

Sl. No	Qty	Details of Work	FSR Item No	FSL	Rate	Per	Amount
1	1000 Nos	Scraping for 1m dia and soil working 15cm depth around each plants and removing the grass roots away from the site of upturning the soil - 2 times	5.24	0	530.01	100 Nos	10600
2	1000 Nos	Pruning side branches twice in a year	LR		430.90	1 No / 75 seedlings	11491
3	LS	Contingencies for application of pesticides etc. and unforeseen items if any					409
<b>TOTAL</b>							<b>22500</b>

Rate calculated for 2019-20	22500
Cost of seedlings for 2019-20	22.50 per seedling
add 10 % escalation for 2020-21	2.25
Cost of seedlings for 2020-21	24.75 per seedling
add 10 % escalation for 2021-22	2.47
Cost of seedlings for 2021-22	27.22 per seedling
add 10 % escalation for 2022-23	2.72
Cost of seedlings for 2022-23	29.95 per seedling
add 10 % escalation for 2023-24	2.99
Cost of seedlings for 2023-24	<b>32.94 per seedling</b>
add 10 % escalation for 2024-25	<b>3.29</b>
Cost of seedlings for 2024-25	<b>36.24 per seedling</b>
add 10 % escalation for 2025-26	<b>3.62</b>
Cost of seedlings for 2025-26	<b>39.86 per seedling</b>

  
 District Forest Officer,  
 Chengalpattu Division,  
 Kancheepuram.

## Model Estimate for 6<sup>th</sup> Year Maintenance

Size of Polybags

: 30x45 cm

Wages Rate

430.90

Sl. No	Qty	Details of Work	FSR Item No	FSL	Rate	Per	Amount
1	1000 Nos	Scraping for 1m dia and soil working 15cm depth around each plants and removing the grass roots away from the site of upturning the soil - 2 times	5.24	1.23	530.01	100 Nos	10600
2	1000 Nos	Pruning side branches twice in a year	LR		430.90	1 No / 75 seedlings	11491
3	LS	Contingencies for application of pesticides etc. and unforeseen items if any					409
<b>TOTAL</b>							<b>22500</b>

Rate calculated for 2019-20	22500	
Cost of seedlings for 2019-20	22.50	per seedling
add 10 % escalation for 2020-21	2.25	
Cost of seedlings for 2020-21	24.75	per seedling
add 10 % escalation for 2021-22	2.47	
Cost of seedlings for 2021-22	27.22	per seedling
add 10 % escalation for 2022-23	2.72	
Cost of seedlings for 2022-23	29.95	per seedling
add 10 % escalation for 2023-24	2.99	
Cost of seedlings for 2023-24	32.94	per seedling
add 10 % escalation for 2024-25	3.29	
Cost of seedlings for 2024-25	36.24	per seedling
add 10 % escalation for 2025-26	3.62	
Cost of seedlings for 2025-26	39.86	per seedling
add 10 % escalation for 2025-26	3.99	
Cost of seedlings for 2026-27	43.85	per seedling

*G. Nagarathar*  
11/11/19

District Forest Officer,  
Chengalpattu Division,  
Kancheepuram.

*AD*  
*8/11/19*  
*mv*  
*8/11/19*

**Model Estimate for 7<sup>th</sup> Year Maintenance**

Size of Polybags : 30x45 cm

Wages Rate 430.90

Sl. No	Qty	Details of Work	FSR Item No	FSL	Rate	Per	Amount
1	1000 Nos	Scraping for 1 m dia and soil working 15 cm depth around each plants and removing the grass roots away from the site of upturning the soil - 2 times	5.24	1.2	530.01	100 Nos	10600
2	1000 Nos	Pruning side branches twice in a year	LR		430.90	1 No / 75 seedlings	11491
3	LS	Contingencies for application of pesticides etc. and unforeseen items if any					409
<b>TOTAL</b>							<b>22500</b>

Rate calculated for 2018-19 22500

Cost of seedlings for 2019-20 22.50 per seedling

add 10 % escalation for 2020-21 2.25

Cost of seedlings for 2020-21 24.75 per seedling

add 10 % escalation for 2021-22 2.47

Cost of seedlings for 2021-22 27.22 per seedling

add 10 % escalation for 2022-23 2.72

Cost of seedlings for 2022-23 29.95 per seedling

add 10 % escalation for 2023-24 2.99

Cost of seedlings for 2023-24 32.94 per seedling

add 10 % escalation for 2024-25 3.29

Cost of seedlings for 2024-25 36.24 per seedling

add 10 % escalation for 2025-26 3.62

Cost of seedlings for 2025-26 39.86 per seedling

add 10 % escalation for 2026-27 3.986

Cost of seedlings for 2026-27 43.85 per seedling

add 10 % escalation for 2027-28 4.38

Cost of seedlings for 2027-28 48.23 per seedling

*G. R. Srinivas*  
11/11/19

District Forest Officer,  
Chengalpattu Division,  
Kancheepuram

*AD Srinivas*      *Mr. Srinivas*



## Model Estimate for 9<sup>th</sup> Year Maintenance

Size of Polybags :30x45 cm



Wages Rate 430.90

Sl. No	Qty	Details of Work	FSR Item No	FSL	Rate	Per	Amount
1	1000 Nos	Scraping for 1 m dia and soil working 15 cm depth around each plants and removing the grass roots away from the site of upturning the soil - 2 times	5.24	1.23	530.01	100 Nos	10600
2	1000 Nos	Pruning side branches twice in a year	LR		430.90	1 No / 75 seedlings	11491
3	LS	Contingencies for application of pesticides etc. and unforeseen items if any					409
<b>TOTAL</b>							<b>22500</b>

Rate calculated for 2019-20 22500

Cost of seedlings for 2019-20	22.50	per seedling
add 10 % escalation for 2020-21	2.25	
Cost of seedlings for 2020-21	24.75	per seedling
add 10 % escalation for 2021-22	2.47	
Cost of seedlings for 2021-22	27.22	per seedling
add 10 % escalation for 2022-23	2.72	
Cost of seedlings for 2022-23	29.95	per seedling
add 10 % escalation for 2023-24	2.99	
Cost of seedlings for 2023-24	32.94	per seedling
add 10 % escalation for 2024-25	3.29	
Cost of seedlings for 2024-25	36.24	per seedling
add 10 % escalation for 2025-26	3.62	
Cost of seedlings for 2025-26	39.86	per seedling
add 10 % escalation for 2026-27	3.99	
Cost of seedlings for 2026-27	43.85	per seedling
add 10 % escalation for 2027-28	4.38	
Cost of seedlings for 2027-28	48.23	per seedling
add 10 % escalation for 2028-29	4.82	
Cost of seedlings for 2028-29	53.05	per seedling
add 10 % escalation for 2029-30	5.31	
Cost of seedlings for 2029-30	58.36	per seedling

  
 District Forest Officer,  
 Chengalpattu Division,  
 Kanchipuram - 631501.


**Model Estimate for 10<sup>th</sup> Year Maintenance**

Size of Polybags : 30x45 cm

Wages Rate : Rs. 430.90

Sl. No	Qty	Details of Work	FSR Item No	FSL	Rate	Per	Amount
1	1000 Nos	Scraping for 1 m dia and soil working 15 cm depth around each plants and removing the grass roots away from the site of upturning the soil - 2 times	5.24	1.23	530.01	100 Nos	10600
2	1000 Nos	Pruning side branches twice in a year	LR		430.90	1 No / 75 seedlings	11491
3	LS	Contingencies for application of pesticides etc. and unforeseen items if any					409
<b>TOTAL</b>							<b>22500</b>

Rate calculated for 2019-20	22500
<b>Cost of seedlings for 2019-20</b>	<b>22.50 per seedling</b>
add 10 % escalation for 2020-21	2.25
<b>Cost of seedlings for 2020-21</b>	<b>24.75 per seedling</b>
add 10 % escalation for 2021-22	2.47
<b>Cost of seedlings for 2021-22</b>	<b>27.22 per seedling</b>
add 10 % escalation for 2022-23	2.72
<b>Cost of seedlings for 2022-23</b>	<b>29.95 per seedling</b>
add 10 % escalation for 2023-24	2.99
<b>Cost of seedlings for 2023-24</b>	<b>32.94 per seedling</b>
add 10 % escalation for 2024-25	3.29
<b>Cost of seedlings for 2024-25</b>	<b>36.24 per seedling</b>
add 10 % escalation for 2025-26	3.62
<b>Cost of seedlings for 2025-26</b>	<b>39.86 per seedling</b>
add 10 % escalation for 2026-27	3.99
<b>Cost of seedlings for 2026-27</b>	<b>43.85 per seedling</b>
add 10 % escalation for 2027-28	4.38
<b>Cost of seedlings for 2027-28</b>	<b>48.23 per seedling</b>
add 10 % escalation for 2028-29	4.82
<b>Cost of seedlings for 2028-29</b>	<b>53.05 per seedling</b>
add 10 % escalation for 2029-30	5.31
<b>Cost of seedlings for 2029-30</b>	<b>58.36 per seedling</b>
add 10 % escalation for 2030-31	5.84
<b>Cost of seedlings for 2030-31</b>	<b>64.19 per seedling</b>

  
 District Forest Officer,  
 Chengalpattu Division,  
 Kancheepuram.

