

DETAILS OF FINANCIAL OUTLAY FOR COMPENSATORY AFFORESTATION

Sl.No	Details	Physical Target		Unit Cost		Amount	Remarks
1	Plantation						1490 Seedlings are proposed to be planted in 1.28 Ha of Mannur RF of Sriperumbudur Range and it will be maintained for a period of 10 years. In case the planting area is not sufficient, adjoining areas in the same RF will be planted.
	Nursery	1490	Nos	255	/ 1 No	379950	
a.	Planting	1490	Nos	466	/ 1 No	694340	
b.	Maintenance						
	1 st year Maintenance	1490	Nos	417	/ 1 No	621330	
	2 nd year Maintenance	1490	Nos	359	/ 1 No	534910	
	3 rd year intenance	1490	Nos	302	/ 1 No	449980	
	4 th year	1490	Nos	290	/ 1 No	432100	
	5 th year	1490	Nos	319	/ 1 No	475310	
	6 th year	1490	Nos	351	/ 1 No	522990	
	7 th year	1490	Nos	386	/ 1 No	575140	
	8 th year	1490	Nos	130	/ 1 No	193700	
	9 th year	1490	Nos	143	/ 1 No	213070	
	10 th year	1490	Nos	157	/ 1 No	233930	
	Sub Total					5326750	
2	Engaging a protection mazdoor for CA plantation.						
	1 st year.	1	No.	430.9	/ Day	129270	One protection mazdoor has been proposed for a period of 10 years to protect the plantation. The wages proposed is as per District Collector, Kancheepuram, Ref.No.11043/18 T2 Dt.17.07.18.
	2 nd year			474.8	/ Day	142440	
	3 rd year			522.28	/ Day	156684	
	4 th year			574.5	/ Day	172350	
	5 th year			631.95	/ Day	189585	
	6 th year			695.14	/ Day	208542	
	7 th year			764.65	/ Day	229395	
	8 th year			841.11	/ Day	252333	
	9 th year			925.22	/ Day	277566	
	10 th year			1017.74	/ Day	305322	
	Sub Total					2063487	

Sl.No	Details	Physcial Target		Unit Cost		Amount	Remarks
3	Providing water harvesting trench along the boundary of Perunthandalam village of Chengalpattu Range over a length of 500 M	500	M	250	/ RM	125000	
4	Documentation and installing awareness board at the planted area	LS				50000	
5	Providing water trough with bore well and solar powered water pumping system.	1	No.	1100000	/1 No.	1100000	One water trough with bore well and solar water pumping system will be provided to meet out the requirement of Perunthandalam nursery.
	GRAND TOTAL					8665237	

Rs.86,65,237/- (Rupees Eighty Six Lakhs Sixty Five thousand Two hundred and Thirty Seven Only)

G. Nagaraj
District Forest Officer,
Chengalpattu Division,
Kancheepuram.

3/7/19

Model Estimate for Raising Nursery

Size of Polybags

: 30x45 cm

No of Seedlings

: 1000

Wages Rate

: Rs.430.90

Period of Nursery: 10 Months

Sl. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
NURSERY OPERATIONS FOR 13x25cm								
1	1000	Nos	Cost of 13x25cm size Jute Bags	Market Rate 2018-19		30	each	30000
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		57.86	1	174
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	176.67	10 beds / day	265
7	1.074	Cu.m	Collection and supply of sand silt and red soil according the requirement of prepartion of soil mixture 4/5th of total volume	LR		900	Cu.m	967
8	0.27	Cu.m	Collection and supply of farm yard manure filling bags 1/5th of total volume	LR		900.00	Cu.m	243
9	1000	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 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	1930
10	1000	Nos	Watering the container plants twice daily with rose can 13x25 cm (15days)	4.10.4	0.23	99.11	1000	1487

SI. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
11	1000	Nos	Watering the container plants once in daily with rose can 13x25 cm (30days)	4.11.4	0.115	49.55	1000	1487
12	1000	Nos	Cost of water for watering the container seedlings from private wells - 45days	4.18 - FSR 1998/- 99		0.85	1000	38
13	1000	Nos	Nursery protection mazdoor 1 Nos 100000 Nos of 13x25 cm bags - 45days	wages rate		430.90	100000 /M	194
PART II - Bigger size bags : 30x45cmx600g								
14	1000	Nos	Cost of 30x45cmx600G polybags	Market Rate 2018-19		76	each	76000
13	9.230	M3	Collection and supply of sand silt and red soil according the requirement of preparation of soil misture 4/5th of total volume (excluding volume of 10x20bags)	LR		900	M3	8307
14	2.31	M3	Cost of transport of Farmyard manure for filling bags 1/5th of total volume (excluding volume of 10x20 bags)	LR		900	M3	2079
15	1000	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	12311
16	10.00	Maz	Labour cost of transplanting seedlings from 13x25 cm container bags into 30x45 cm containers 10maz/1000	NHAI ME		430.9	each	4309
17	30.00	Kg	Cost of Vermicasting @ 30gm / container			10.00	each	300
18	15.00	Kg	Cost of Vam@15gm/container			18.00	each	270

Sl. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
19	6.00	Kg	Cost of Azospirillum @ 6gm/ container			27.00	each	162
20	6.00	Kg	Cost of phosphobacteria @ 6gm/ container			27.00	each	162
21	1000	Nos	Cost of vertical strick of size 2.50 mts	NHAI ME		13.00	Each	13000
22	500	Mtrs	Cost of Horizontal strick			3.00	Mtrs	1500
23	1000	Nos	Tying plants to vertical stick one in a month 2times			0.40	Each/ time	800
24	1000	Nos	Pruning side branches once in 8 months - 4 times			1.00	Each/ time	4000
			Watering the container plants with rose can watering regime approved PCCF's Ref.No.J1/ 57395/2003, dt:12.12.2003					
25	1000	Nos	Twice daily - 60days	4.10.7	0.56	241.30	1000	14478
26	1000	Nos	Once daily - 210 days	4.10.7	0.28	241.30	1000	50673
27	1000	Nos	Shifting the container plants weeding grading and replacement of casualties in the bags -shifting to done once in 21dys, 1shiting not before 45days after pricking out - 12 shifts	4.15.7	2.69	1159.12	1000	13909
28	1000	Nos	Cost of water for watering the container seedlings from private wells - 270 days			3.20	1000	864
29	60	sqm	Land rent for nursery in private lands for 10 months	4.17-FSR 1998-99		86.00	40 sqm	1290
30	1000	Nos	Nursery protection mazdoors 1 No /100000 Nos of 16x30cm bags - 300 days	wages rate		430.90	20000/ M	6464
			GST 18% (Item No.1, 14)					1465
31	LS		Contingencies for application of pesticides etc., and unforeseen intems if any					4261
TOTAL								255000

Rate calculated for 2019-20

255000

Rs.255/- per seedling

G. Naga Sathish
 District Forest Officer,
 Chengalpattu Division,
 Kancheepuram - 631 501.

3/7/19

Model Estimate for Planting

Size of Polybags : 30x45 cm

No of Seedlings : 1000

Wages Rate : Rs.430.90

Period of Nursery: 10 Months

Sl. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
1	1000	Nos	Digging of 60cm ³ pits in hard gravelly soil / soft rock along the State Highway during rainy season	as per based on FSR 5.8.2		3326.55	100 Nos	33266
2	15.625	Nos	Cost and transport of farmyard manure each plant (0.25x0.25x0.25=0.015625x1000= 15.625 m3)	Local rate		900	1 M3	14063
3	1000	Nos	Cost of Gypsum including application charges	Wage rate		10	1 No	10000
4	125	Nos	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		900.00	1 M3	112500
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

Sl. No	Qty	Details of Work	FSR Item No	FSL	Rate	Per	
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 ³	as per based on FSR 5.22		736.84	100 Nos	7368
10	2500 RM	Provision of vertical casurina poles 5cm to 8cm girth and 2.50 m height per plant	PWD SSR		15.72	1 RM	39300
11	100 Nos	Replacement of casualities by reopening failed pits and planting the saplings (1/2 pitting rate + full planting rate)	5.23	3.11	2400.12	100 Nos	2400
12	1000 Nos	Scrapping 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
14	1000 Nos	Providing each plant protection by nylon green shade net of 1.5m x 3m size	LS		90.00	each	90000
15	300000 Ltrs	Cost of water @ 20 liter per seedlings 15 watering days (20x1000x15=300000Ltrs)	As per ME		1200.00	12000 Ltrs	30000
16	1000 Nos	Watering the plants once in 6 days during non rainy period (from January to March) 200 Plants per mazdoor - 15 watering days	As per ME		430.90	200 Nos	32318

SI. No	Qty	Details of Work	FSR Item No	FSL	Rate	Per	Amount
17	LS	Contingencies for application of pesticides etc. and unforeseen items if any					10235
TOTAL							432000

Rate calculated for 2019-20

Add annual 10% escalation for subsequent years

Rate for 2020-21

432000

43200

466000

Rs.466/- per seedling

G. Nagarathin
3/7/19
District Forest Officer,
Chengalpattu Division,
Kancheepuram.

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3/7/19

Model Estimate for 1st Year Maintenance

Period of Nursery: 10 Months

Size of Polybags

: 30x45 cm

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			255.00	1 No	25500
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	3.11	2400.12	100 Nos	2400
6	1000	Nos	Providing each plant protection by nylon green shade net of 1.5m x 3m size	LS		80.00	each	80000
7	1000	Nos	Cost of gypsum including application charges (2 times)			10.00	each	20000
8	1000	Nos	Application of poultry manure @ 250 gm per plant by mixing in the pit before planting including cost & transport (2 times)	LR		0.50	each	1000
9	1000	Nos	Cost of DAP including application charges (per seedling 0.020 mg) (2 times)	LR		35.00		1400
10	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		530.01	100 Nos	10600

Sl. No	Qty	Details of Work	FSR Item No	FSL	Rate	Per	Amount
11	1000 Nos	Watering the plants once in 6 days during summer season April to Sept and Jan to Mar (45 days)			430.90	200 Nos	96953
12	900000 Ltrs	Cost of water @ 20 liter per seedling 45 watering days (20x1000x45=900000Ltrs)	As per ME		1200.00	12000 Ltrs	90000
13	1000 Nos	Pruning side branches once in a year	LR	-	430.90	1 No / 100 seedlings	4309
14	LS	Contingencies for application of pesticides etc. and unforeseen items if any					11566
TOTAL							345000

Rate calculated for 2019-20

Add annual 10% escalation for subsequent years

Rate for 2021-22

345000

72450

417450

Rs.417/- per seedling

G. Nagaraj
3/7/19
District Forest Officer,
Chengalpattu Division,
Kancheepuram.

3/7/19

Model Estimate for 2nd Year Maintenance

Period of Nursery: 10 Months

Size of Polybags : 30x45 cm

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			255.00	1 No	25500
2	100	Nos	Transporting seedlings (transported to the radius) 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 100 meters.					
a	100	Nos	Upto 100 m	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	3.11	2400.12	100 Nos	2400
6	1000	Nos	Cost of gypsum including application charges (2times)			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)	LR		0.50	each	1000
8	1000	Nos	Cost of DAP including application charges (per seedling 0.020 mg) (2 times)	LR		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	5.24		530.01	100 Nos	10600

SI. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
10	1000	Nos	Watering the plants once in 6 days during summer season April to Sept and Jan to Mar (45 days)			430.90	200 Nos	96953
11	900000	Ltrs	Cost of water @ 20 liter per seedlings 45 watering days (20x1000x45=90000Ltrs)	As per ME		1200.00	12000 Ltrs	90000
12	1000	Nos	Pruning side branches twice in a year	LR		430.90	1 No / 100 seedlings	8618
13	LS		Contingencies for application of pesticides etc. and unforeseen items if any					12257
TOTAL								270000

Rate calculated for 2019-20

Add annual 10% escalation for subsequent years

Rate for 2022-23

270000

89370

359370

Rs.359/- per seedling

G. Naga Sathish
3/7/19
District Forest Officer,
Chengalpattu Division,
Kancheepuram.

Ad
3/7/19

Model Estimate for 3rd Year Maintenance

Period of Nursery: 10 Months

Size of Polybags : 30x45 cm

Replacement of Casualties 10%

Wages Rate : Rs. 430.90

SI. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
1	100	Nos	Cost of Taller seedlings			255.00	1 No	25500
2	100	Nos	Transporting seedlings (transported to the radius) 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 100 meters.					
a	100	Nos	Upto 100 m	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	3.11	2400.12	100 Nos	2400
6	1000	Nos	Cost of gypsum including application charges (2 times)			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)	LR		0.50	each	1000
8	1000	Nos	Cost of DAP including application charges (per seedling 0.020 mg) (2 times)	LR		35.00		1400

Sl. No	Qty	Details of Work	FBR Item No	FBL	Rate	Per	
9	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		530.01	100 Nos	10600
10	1000 Nos	Watering the plants once in 6 days during summer season April to Sept (30 days)			430.90	200 Nos	64635
11	600000 Ltrs	Cost of water @ 20 liter per seedlings 30 watering days (20x1000x30=600000Ltrs)	As per ME		1200.00	12000 Ltrs	60000
12	1000 Nos	Pruning side branches twice in a year	LR		430.90	1 No / 100 seedlings	8618
13	LS	Contingencies for application of pesticides etc. and unforeseen items if any					10574
TOTAL							206000

Rate calculated for 2019-20

Add annual 10% escalation for subsequent years

Rate for 2023-24

206000

95604

301604

Rs.302/- per seedling

G. Nagaraj
31/7/19
District Forest Officer,
Chengalpattu Division,
Kancheepuram.

Ad
31/7/19

Model Estimate for 4th Year Maintenance

Period of Nursery: 10 Months

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	Scrapping 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	Cost of gypsum including application charges (2 times)			10.00	each	20000
3	1000	Nos	Application of poultry manure @ 250 gm per plant by mixing in the pit before planting including cost & transport (2 times)	LR		0.50	each	1000
4	1000	Nos	Cost of DAP including application charges (per seedling 0.020 mg) (2 times)	LR		35.00	each	1400
	1000	Nos.	Watering the plants once in 6 days during summer season April to Sept (30 days)			430.90	200 Nos.	64635
	600000	L	Cost of water @ 20 liter per seedlings 30 watering days (20x1000x30=600000 L)	As per ME		1200.00	12000 L	60000
5	1000	Nos	Pruning side branches twice in a year	LR		430.90	1 No / 50 seedlings	17236
6	LS		Contingencies for application of pesticides etc. and unforeseen items if any					5129
TOTAL								180000

Rate calculated for 2019-20

180000

Add annual 10% escalation for subsequent years

109891

Rate for 2024-25

289891

Rs.290/- per seedling

G. Nagaraj
District Forest Officer,
Chengalpattu Division,
Kancheepuram - 631 501.

3/7/19

Model Estimate for 5th Year Maintenance

Period of Nursery: 10 Months

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	Cost of gypsum including application charges (2 times)			10.00	each	20000
3	1000	Nos	Application of poultry manure @ 250 gm per plant by mixing in the pit before planting including cost & transport (2 times)	LR		0.50	each	1000
4	1000	Nos	Cost of DAP including application charges (per seedling 0.020 mg) (2 times)	LR		35.00	each	1400
5	1000	Nos.	Watering the plants once in 6 days during summer season April to Sept (30 days)			430.90	200 Nos.	64635
6	600000	L	Cost of water @ 20 liter per seedlings 30 watering days (20x1000x30=600000 L)	As per ME		1200.00	12000 L	60000
7	1000	Nos	Pruning side branches twice in a year	LR		430.90	1 No / 50 seedlings	17236
8	LS		Contingencies for application of pesticides etc. and unforeseen items if any					5129
TOTAL								180000

Rate calculated for 2019-20

180000

Add annual 10% escalation for subsequent years


138880

Rate for 2025-26

318880

Rs.319/- per seedling


G. Naga Sathish
 District Forest Officer,
 Chengalpattu Division,
 Kancheepuram - 631 501.


 5/7/19

Model Estimate for 6th Year Maintenance

Size of Polybags : 30x45 cm

Period of Nursery: 10 Months

Wages Rate : Rs.430.90

Sl. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
1	1000	Nos	Scrapping 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	Cost of gypsum including application charges (2times)			10.00	each	20000
3	1000	Nos	Application of poultry manure @ 250 gm per plant by mixing in the pit before planting including cost & transport (2 times)	LR		0.50	each	1000
4	1000	Nos	Cost of DAP including application charges (per seedling 0.020 mg) (2times)	LR		35.00	each	1400
5	1000	Nos.	Watering the plants once in 6 days during summer season April to Sept (30 days)			430.90	200 Nos.	64635
6	600000	L	Cost of water @ 20 liter per seedlings 30 watering days (20x1000x30=600000 L)	As per ME		1200.00	12000 L	60000
7	1000	Nos	Pruning side branches twice in a year	LR		430.90	1 No / 50 seedlings	17236
8	LS		Contingencies for application of pesticides etc. and unforeseen items if any					5129
TOTAL								180000

Rate calculated for 2019-20

180000

Add annual 10% escalation for subsequent years

170769

Rate for 2026-27

350769

Rs.351/- per seedling


 District Forest Officer
 Chengalpattu Division,
 Kancheepuram - 631 501.


 3/7/19

Model Estimate for 7th Year Maintenance

Period of Nursery: 10 Months

Size of Polybags
Wages Rate

: 30x45 cm
: Rs.430.90

Sl. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
1	1000	Nos	Scrapping 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	Cost of gypsum including application charges (2 times)			10.00	each	20000
3	1000	Nos	Application of poultry manure @ 250 gm per plant by mixing in the pit before planting including cost & transport (2 times)	LR		0.50	each	1000
4	1000	Nos	Cost of DAP including application charges (per seedling 0.020 mg) (2 times)	LR		35.00	each	1400
5	1000	Nos.	Watering the plants once in 6 days during summer season April to Sept (30 days)			430.90	200 Nos.	64635
6	600000	L	Cost of water @ 20 liter per seedlings 30 watering days (20x1000x30=600000 L)	As per ME		1200.00	12000 L	60000
7	1000	Nos	Pruning side branches twice in a year	LR		430.90	1 No / 50 seedlings	17236
8	LS		Contingencies for application of pesticides etc. and unforeseen items if any					5129
TOTAL								180000

Rate calculated for 2019-20

Add annual 10% escalation for subsequent years

Rate for 2027-28

180000

205845

385845

Rs.386/- per seedling

G. Nagaraj
District Forest Officer
Chengalpattu Division,
Kancheepuram - 631 501.

Ad
5/7/19

Model Estimate for 8th Year Maintenance

Period of Nursery: 10 Months

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	Cost of gypsum including application charges (2 times)			10.00	each	20000
3	1000	Nos	Application of poultry manure @ 250 gm per plant by mixing in the pit before planting including cost & transport (2 times)	LR		0.50	each	1000
4	1000	Nos	Cost of DAP including application charges (per seedling 0.020 mg) (2 times)	LR		35.00	each	1400
5	1000	Nos	Pruning side branches twice in a year	LR		430.90	1 No / 50 seedlings	17236
6	LS		Contingencies for application of pesticides etc. and unforeseen items if any					4764
TOTAL								55000

Rate calculated for 2019-20

55000


Add annual 10% escalation for subsequent years

74687

Rate for 2028-29

129687

Rs.130/- per seedling


 District Forest Officer,
 Chengalpattu Division,
 Kancheepuram.


 3/7/19

Model Estimate for 9th Year Maintenance

Size of Polybags : 30x45 cm

Period of Nursery: 10 Months

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	Cost of gypsum including application charges (2 times)			10.00	each	20000
3	1000	Nos	Application of poultry manure @ 250 gm per plant by mixing in the pit before planting including cost & transport (2 times)	LR		0.50	each	1000
4	1000	Nos	Cost of DAP including application charges (per seedling 0.020 mg) (2 times)	LR		35.00	each	1400
5	1000	Nos	Pruning side branches twice in a year	LR		430.90	1 No / 50 seedlings	17236
6	LS		Contingencies for application of pesticides etc. and unforeseen items if any					4764
TOTAL								55000

Rate calculated for 2019-20

55000

Add annual 10% escalation for subsequent years

87655

Rate for 2029-30

142655

Rs.143/- per seedling


 District Forest Officer, 3/7/19
 Chengalpattu Division,
 Kancheepuram.


 3/7/19

Model Estimate for 10th Year Maintenance

Size of Polybags : 30x45 cm

Period of Nursery: 10 Months

Wages Rate : Rs.430.90

Sl. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
1	1000	Nos	Scrapping 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	Cost of gypsum including application charges (2 times)			10.00	each	20000
3	1000	Nos	Application of poultry manure @ 250 gm per plant by mixing in the pit before planting including cost & transport (2 times)	LR		0.50	each	1000
4	1000	Nos	Cost of DAP including application charges (per seedling 0.020 mg) (2 times)	LR		35.00	each	1400
5	1000	Nos	Pruning side branches twice in a year	LR		430.90	1 No / 50 seedlings	17236
6	LS		Contingencies for application of pesticides etc. and unforeseen items if any					4764
TOTAL								55000

Rate calculated for 2019-20

55000

Add annual 10% escalation for subsequent years

101921

Rate for 2030-31

156921

Rs.157/- per seedling

[Signature]
District Forest Officer,
Chengalpattu Division,
Kancheepuram.

[Signature]
3/7/19