

DETAILS OF FINANCIAL OUTLAY FOR COMPENSATORY AFFORESTATION

Sl. No	Details	Physcial Target		Unit Cost		Amount	Remarks
1	Plantation of (0.1 Ha) in the degraded forest area (Eco -4) as the non availability of non forest area. Number of seedlings 100 (at the rate of 1000 per Ha)						
a.	Raising	110	Nos	138	/ 1 No	15180	110 Seedlings and Maintenance 100 Seedlings are proposed to be planted in 0.1 Ha degraded forest area in Sengundram RF and it will be maintained for a period of 10 years
	planting	100	Nos	772		77200	
b.	Maintenance						
	1 st year	100	Nos	344.06	/ 1 No	34406	
	2 nd year			354.31	/ 1 No	35431	
	3 rd year			386.11	/ 1 No	38611	
	4 th year			27.22	/ 1 No	2722	
	5 th year			29.75	/ 1 No	2975	
	6 th year			33.01	/ 1 No	3301	
	7 th year			36.32	/ 1 No	3632	
	8 th year			39.95	/ 1 No	3995	
	9 th year			48.32	/ 1 No	4832	
	10 th year			48.32	/ 1 No	4832	
				Sub Total		134737	
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					11356	
	GRAND TOTAL					238473	

Rs.2,38,473/- (Rupees Two Lakhs Thirty Eight thousand Four hundred and Seventy Three Only)

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5/5/2023

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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

Total : 1100 Nos

Period of Nursery: 10 Months

Wages Rate: Rs. 488.25

SI. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
NURSERY OPERATIONS FOR 13x25cm								
1	1100	Nos	Cost of 13x25cmx250G polybags	Tender rate 2019-20		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	1181.57	200	886
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		80.41	1	241
5	1.0	Beds	Watering the Germination Beds twice daily with rose can (15days)	4.5.1	0.82	400.37	10 beds / day	601
6	1.0	Beds	Watering the germination beds once daily with rose can (15days)	4.5.2	0.41	200.18	10 beds / day	300
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		750	Cu.m	806
8	0.27	Cu.m	Collection and supply of farm yard manure filling bags 1/5th of total volume	LR		750.00	Cu.m	203
9	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 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	2187.36	1000	2406

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	112.30	1000	1853
11	1100	Nos	Watering the container plants once in daily with rose can 13x25 cm (30days)	4.11.4	0.115	56.15	1000	1853
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		488.25	100000 /M	242
PART II - Bigger size bags : 30x45cmx600g								
14	1100	Nos	Cost of 30x45cmx600G polybags	Tender rate 2019-20		7.65	each	8415
15	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		750	M3	6923
16	2.31	M3	Cost of transport of Farmyard manure for filling bags 1/5th of total volume (excluding volume of 10x20 bags)	LR		750	M3	1733
17	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	13949.30	1000	15344

SI. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
18	10.00	Maz	Labour cost of transplanting seedlings from 13x25 cm container bags into 30x45 cm containers 10maz/1000	NHAI ME		488.25	each	4883
19	30.00	Kg	Cost of Vermicasting @ 30gm / container			10.00	each	300
20	15.00	Kg	Cost of Vam@15gm/container			18.00	each	270
21	6.00	Kg	Cost of Azospirillum @ 6gm/ container			27.00	each	162
22	6.00	Kg	Cost of phosphobacteria @ 6gm/ container			27.00	each	162
23	1100	Nos	Cost of vertical strick	NHAI ME		6.00	Each	6600
24	500	Mtrs	Cost of Horizontal strick			17.50	Mtrs	8750
25	1100	Nos	Tying plants to vertical stick one in a month 2times			0.40	Each/ time	880
26	1100	Nos	Pruning side branches once in 8 months - 4 times			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					
27	1100		Twice daily - 60days	4.10.7	0.56	273.42	1000	18046
26	1100		Once daily - 210 days	4.11.7	0.28	136.71	1000	31580
27	1100		Shifting the container plants weeding grading and replacement of casualties in the bags -shifting to done once in 21dyas, 1shifting not before 45days after pricking out - 11 shifts	4.15.7	2.69	1313.39	1000	15892
28	1100		Cost of water for watering the container seedlings from private wells - 270 days			3.20	1000	950

Sl. No	Qty	Details of Work	FSR Item No	FSL	Rate	Per	Amount
29	60 sqm	Land rent for nursery in private lands for 10 months	4.17-FSR 1998-99		86.00	40 sqm	1290
30	LS	Contingencies for application of pesticides etc., and unforeseen items if any					651
TOTAL							138000

Rate calculated for 2022-23 Rs 138000

1 seedling Rate for 2022-23 Rs 125.45 Per seedling

Add 10 % escalation for 2023-24 12.54

Cost of seedlings for 2023-24 138

Ramshetty
District Forest Officer,
Chengalpattu Division,
Kancheepuram.

At
3/5/2023

Model Estimate for Planting

Size of Polybags : 30x45 cm
No of Seedlings : 1000
Wages Rate : Rs. 472.75

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 5.8.1	9.26	4377.67	100 Nos	43777
2	72	M3	Cost and transport of farmyard manure each plant (0.60x0.60x0.20=0.072x1000= 72 m3)	Local rate		975	1 M3	70200
3	1000	Nos	Cost of Gypsum including application charges	Local rate		10	1 No	10000
4	72	M3	Collectoin and supply of sand silt and redsoil according to the requirement 1/3 of the pit (0.60x0.60x0.20=0.72x1000=72 m3)	MTP ME		975.00	1 M3	70200
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		10.00	1 No	11000
6	1100	Nos	Loading & Unloading the Container plants charges	5.11.7	3.29	1555.35	1000 Nos	1711
			Distribution of saplings from where seedlings are stocked to the planting spot upto 100mts.					
7	550	Nos	Upto 100 m	5.15.1	10	4727.50	1000 Nos	2600
8	550	Nos	Upto 200 m	5.15.2	17.5	8273.13	1000 Nos	4550
9	1000	Nos	Planting the Container plants by refilling pits of size 60 cm ³	as per based on FSR 5.22	1.71	808.40	100 Nos	8084
10	2500	RM	Provision of vertical casurina poles 5cm to 8cm girth and 2.50 m height per plant	PWD SSR 148/ d		17.50	each	43750
11	100	Nos	Replacement of casualties by reopening failed pits and planting the saplings (1/2 pitting rate + full planting rate)	5.23		2997.24	100 Nos	2997

SI. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
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	581.48	100 Nos	5815
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	3233.61	100 Nos	32336
14	1000	Nos	Providing each plant protection by nylon green shade net of 1.5m x 3m size with there casurina poles	LS		200.00	each	200000
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 2018 to March 2018) 200 Plants per mazdoor - 15 watering days	As per ME		472.75	200 Nos	35456
18	LS		Contingencies for application of pesticides etc. and unforeseen items if any					7524
TOTAL								580000

Rate calculated for 2021-22 580000

Cost of seedlings for 2021-22 580.00 per seedling

Add 10 % escalation for 2022-23 58.00

Cost of seedlings for 2022-23 638.00 per seedling

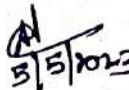
Add 10 % escalation for 2023-24 63.80

Cost of seedlings for 2023-24 701.80 per seedling

Add 10 % escalation for 2024-25 70.18

Cost of seedlings for 2024-25 772 per seedling


District Forest Officer
Chengalpattu Division,
Kancheepuram.


5/5/2023

Model Estimate for 1st Year Maintenance

Size of Polybags

:30x45cm

Replacement of Casualties

: 10%

Wages Rate

Rs. 472.75

Sl. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
1	100	Nos	Cost of Taller seedlings			125.45	1 No	12545
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	1555.35	1000 Nos	156
4			Distribution of saplings from where seedlings are stocked to the planting spot upto 100mts.					
a	100	Nos	Upto 100mt	5.15.1	10	4727.50	1000 Nos	473
5	100	Nos	Replacement of casualties by reopening failed pits and planting the saplings (1/2 pitting rate + full planting rate)	5.23		2997.24	100 Nos	2997
6	1000	Nos	Cost of DAP including application charges (per seedling 0.020 mg) (2 times) - 40 Kgs	LR		35.00	Kg	1400
7	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	581.48	100 Nos	11630
8	1000	Nos	Watering the plants once in 6 days during summer season April to Sept and Jan to Mar (45 days)			472.75	200 Nos	106369
9	900000	Ltrs	Cost of water @ 20 liter per seedling 45 watering days (20x1000x45=900000Ltrs)	As per ME		1200.00	12000 Ltrs	90000
10	1000	Nos	Pruning side branches once in a year	LR	-	472.75	1 No / 100 seedlings	4728

Sl. No	Qty	Details of Work	FSR Item No	FSL	Rate	Per	Amount
11	LS	Contingencies for application of pesticides etc. and unforeseen items if any					3820
TOTAL							235000

Rate calculated for 2021-22 235000

Cost of seedlings for 2021-22	235.00	per seedling
Add 10 % escalation for 2022-23	23.50	
Cost of seedlings for 2022-23	258.50	per seedling
Add 10 % escalation for 2023-24	25.85	
Cost of seedlings for 2023-24	284.35	per seedling
Add 10 % escalation for 2024-25	28.44	
Cost of seedlings for 2024-25	312.79	per seedling
Add 10 % escalation for 2025-26	31.27	
Cost of seedlings for 2025 - 26	344.06	per seedling

Rang
District Forest Officer,
Chengalpattu Division,
Kancheepuram.

5/5/2023

Model Estimate for 2nd Year Maintenance

Size of Polybags

: 30x45 cm

Wages Rate

Rs. 472.75

Sl. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
1	1000	Nos	Cost of DAP including application charges (per seedling 0.020 mg) (2 times) - 40 Kgs	LR		35.00	Kg	1400
2	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	581.48	100 Nos	11630
3	1000	Nos	Watering the plants once in 6 days during summer season April to Sept and Jan to Mar (45 days)			472.75	200 Nos	106369
4	900000	Ltrs	Cost of water @ 20 liter per seedlings 45 watering days (20x1000x45=90000Ltrs)	As per ME		1200.00	12000 Ltrs	90000
5	1000	Nos	Pruning side branches twice in a year	LR		472.75	1 No / 100 seedlings	9455
6	LS		Contingencies for application of pesticides etc. and unforeseen items if any					1148
TOTAL								220000

Rate calculated for 2021-22	220000
Cost of seedlings for 2021-22	220.00 per seedling
Add 10 % escalation for 2022-23	22.00
Cost of seedlings for 2022-23	242.00 per seedling
Add 10 % escalation for 2023-24	24.20
Cost of seedlings for 2023-24	266.20 per seedling
Add 10 % escalation for 2024-25	26.62
Cost of seedlings for 2024-25	292.82 per seedling
Add 10 % escalation for 2025-26	29.28
Cost of seedlings for 2025-26	322.10 per seedling
Add 10 % escalation for 2026-27	32.21
Cost of seedlings for 2026-27	354.31 per seedling

District Forest Officer,
Chengalpattu Division,
Kancheepuram.

5/5/2023

Model Estimate for 3rd Year Maintenance

Size of Polybags : 30x45 cm

Wages Rate : Rs 472.75

Sl. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
1	1000	Nos	Cost of DAP including application charges (per seedling 0.020 mg) (2 times) - 40 Kgs	LR		35.00	Kg	1400
2	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	581.48	100 Nos	11630
3	1000	Nos	Watering the plants once in 6 days during summer season April to Sept and Jan to Mar (45 days)	Wages Rate		472.75	200 Nos	106369
4	900000	Ltrs	Cost of water @ 20 liter per seedling 45 watering days (20x1000x45=900000Ltrs)	As per ME		1200.00	12000 Ltrs	90000
5	1000	Nos	Pruning side branches twice in a year (2 times)	MTP ME		1.00	1 No	2000
6	LS		Contingencies for application of pesticides etc. and unforeseen items if any					4601
TOTAL								216000

Rate calculated for 2021-22 216000

Cost of seedlings for 2021-22 216.00 per seedling

Add 10 % escalation for 2022-23 21.60

Cost of seedlings for 2022-23 237.60 per seedling

Add 10 % escalation for 2023-24 23.76

Cost of seedlings for 2023-24 261.36 per seedling

Add 10 % escalation for 2024-25 28.73

Cost of seedlings for 2024-25 290.09 per seedling

Add 10 % escalation for 2025-26 29.01

Cost of seedlings for 2025-26 319.10 per seedling

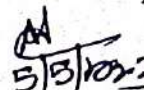
Add 10 % escalation for 2026-27 31.91

Cost of seedlings for 2026-27 351.01 per seedling

Add 10 % escalation for 2027-28 35.1

Cost of seedlings for 2027-28 386.11 per seedling


 District Forest Officer,
 Chengalpattu Division,
 Kancheepuram.


 5/3/2023

Model Estimate for 4th Year Maintenance

Size of Polybags : 30x45 cm

Wages Rate Rs 472.75

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	581.48	100 Nos	11630
2	1000	Nos	Pruning side branches twice in a year (2 times)	MTP ME		1.00	1 No	2000
3	LS		Contingencies for application of pesticides etc. and unforeseen items if any					370
TOTAL								14000

Rate calculated for 2021-22	14000
Cost of seedlings for 2021-22	14.00 per seedling
Add 10 % escalation for 2022-23	1.40
Cost of seedlings for 2022-23	15.40 per seedling
Add 10 % escalation for 2023-24	1.54
Cost of seedlings for 2023-24	16.94 per seedling
Add 10 % escalation for 2024-25	1.69
Cost of seedlings for 2024-25	18.63 per seedling
Add 10 % escalation for 2025-26	1.87
Cost of seedlings for 2025-26	20.50 per seedling
Add 10 % escalation for 2026-27	2.05
Cost of seedlings for 2026-27	22.55 per seedling
Add 10 % escalation for 2027-28	2.26
Cost of seedlings for 2027-28	24.81 per seedling
Add 10 % escalation for 2028-29	2.41
Cost of seedlings for 2028-29	27.22 per seedling

Ramprasad
District Forest Officer,
Chengalpattu Division,
Kancheepuram.

5/5/2023

Model Estimate for 5th Year Maintenance

Size of Polybags

:30x45cm

Wages Rate

Rs 472.75

SI. 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	581.48	100 Nos	11630
2	1000	Nos	Pruning side branches twice in a year (2 times)	MTP ME		1.00	1 No	2000
3	LS		Contingencies for application of pesticides etc. and unforeseen items if any					370
TOTAL								14000

Rate calculated for 2021-22	14000
Cost of seedlings for 2021-22	14.00 per seedling
Add 10 % escalation for 2022-23	1.40
Cost of seedlings for 2022-23	15.40 per seedling
Add 10 % escalation for 2023-24	1.54
Cost of seedlings for 2023-24	16.94 per seedling
Add 10 % escalation for 2024-25	1.69
Cost of seedlings for 2024-25	18.63 per seedling
Add 10 % escalation for 2025-26	1.87
Cost of seedlings for 2025-26	20.50 per seedling
Add 10 % escalation for 2026-27	2.05
Cost of seedlings for 2026-27	22.55 per seedling
Add 10 % escalation for 2027-28	2.25
Cost of seedlings for 2027-28	24.80 per seedling
Add 10 % escalation for 2028-29	2.25
Cost of seedlings for 2028-29	27.05 per seedling
Add 10 % escalation for 2029-30	2.70
Cost of seedlings for 2029-30	29.75 per seedling


 District Forest Officer,
 Chengalpattu Division,
 Kancheepuram.


 5/5/2023

Model Estimate for 6th Year Maintenance

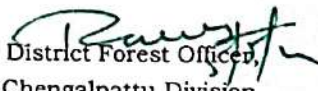
Size of Polybags

: 30x45 cm

Wages Rate: 472.75

SI. No	Qty		Details of Work	FSR Item No	FSL	Rate	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	581.48	11630
2	1000	Nos	Pruning side branches twice in a year (2 times)	MTP ME		1.00	2000
3	LS		Contingencies for application of pesticides etc. and unforeseen items if any				370
TOTAL							14000

Rate calculated for 2021-22	14000	
Cost of seedlings for 2021-22	14.00	per seedling
Add 10 % escalation for 2022-23	1.40	
Cost of seedlings for 2022-23	15.40	per seedling
Add 10 % escalation for 2023-24	1.54	
Cost of seedlings for 2023-24	16.94	per seedling
Add 10 % escalation for 2024-25	1.69	
Cost of seedlings for 2024-25	18.63	per seedling
Add 10 % escalation for 2025-26	1.87	
Cost of seedlings for 2025-26	20.50	per seedling
Add 10 % escalation for 2026-27	2.05	
Cost of seedlings for 2026-27	22.55	per seedling
Add 10 % escalation for 2027-28	2.25	
Cost of seedlings for 2027-28	24.80	per seedling
Add 10 % escalation for 2028-29	2.48	
Cost of seedlings for 2028-29	27.28	per seedling
Add 10 % escalation for 2029-30	2.73	
Cost of seedlings for 2029-30	30.01	per seedling
Add 10 % escalation for 2030-31	3.00	
Cost of seedlings for 2030-31	33.01	per seedling


District Forest Officer,
Chengalpattu Division,
Kancheepuram.


5/5/2023

Model Estimate for 7th Year Maintenance

Size of Polybags : 30x45 cm

Wages Rate 472.75

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	1.2	581.48	100 Nos	11630
2	1000	Nos	Pruning side branches twice in a year (2 times)	MTP ME		1.00	1 No	2000
3	LS		Contingencies for application of pesticides etc. and unforeseen items if any					370
TOTAL								14000

Rate calculated for 2021-22 14000

Cost of seedlings for 2021-22 14.00 per seedling

Add 10 % escalation for 2022-23 1.40

Cost of seedlings for 2022-23 15.40 per seedling

Add 10 % escalation for 2023-24 1.54

Cost of seedlings for 2023-24 16.94 per seedling

Add 10 % escalation for 2024-25 1.69

Cost of seedlings for 2024-25 18.63 per seedling

Add 10 % escalation for 2025-26 1.87

Cost of seedlings for 2025-26 20.50 per seedling

Add 10 % escalation for 2026-27 2.05

Cost of seedlings for 2026-27 22.55 per seedling

Add 10 % escalation for 2027-28 2.25

Cost of seedlings for 2027-28 24.80 per seedling

Add 10 % escalation for 2028-29 2.480

Cost of seedlings for 2028-29 27.28 per seedling

Add 10 % escalation for 2029-30 2.73

Cost of seedlings for 2029-30 30.01 per seedling

Add 10 % escalation for 2030-31 3.00

Cost of seedlings for 2030-31 33.01 per seedling

Add 10 % escalation for 2031-32 3.30

Cost of seedlings for 2031-32 36.32 per seedling

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

[Signature]
5/5/2023

Model Estimate for 8th Year Maintenance

Size of Polybags :30x45 cm

Wages Rate 472.75

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	581.48	100 Nos	11630
2	1000	Nos	Pruning side branches twice in a year (2 times)	MTP ME		1.00	1 No	2000
3	LS		Contingencies for application of pesticides etc. and unforeseen items if any					370
TOTAL								14000

Rate calculated for 2021-22 13999.6

Cost of seedlings for 2021-22	14.00	per seedling
Add 10 % escalation for 2022-23	1.40	
Cost of seedlings for 2022-23	15.40	per seedling
Add 10 % escalation for 2023-24	1.54	
Cost of seedlings for 2023-24	16.94	per seedling
Add 10 % escalation for 2024-25	1.69	
Cost of seedlings for 2024-25	18.63	per seedling
Add 10 % escalation for 2025-26	1.87	
Cost of seedlings for 2025-26	20.50	per seedling
Add 10 % escalation for 2026-27	2.05	
Cost of seedlings for 2026-27	22.55	per seedling
Add 10 % escalation for 2027-28	2.25	
Cost of seedlings for 2027-28	24.80	per seedling
Add 10 % escalation for 2028-29	2.48	
Cost of seedlings for 2028-29	27.28	per seedling
Add 10 % escalation for 2029-30	2.73	
Cost of seedlings for 2029-30	30.01	per seedling
Add 10 % escalation for 2030-31	3.00	
Cost of seedlings for 2030-31	33.01	per seedling
Add 10 % escalation for 2031-32	3.30	
Cost of seedlings for 2031-32	36.32	per seedling
Add 10 % escalation for 2032-33	3.63	
Cost of seedlings for 2032-33	39.95	per seedling

District Forest Officer
Chengalpattu Division,
Kancheepuram.

5/5/2023

Model Estimate for 9th Year Maintenance

Size of Polybags :30x45 cm

Wages Rate 472.75

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	581.48	100 Nos	11630
2	1000 Nos	Pruning side branches twice in a year (2 times)	MTP ME		1.00	1 No	2000
3	LS	Contingencies for application of pesticides etc. and unforeseen items if any					370
TOTAL							14000

Rate calculated for 2021-22 14000

Cost of seedlings for 2021-22 14.00 per seedling

Add 10 % escalation for 2022-23 1.40

Cost of seedlings for 2022-23 15.40 per seedling

Add 10 % escalation for 2023-24 1.54

Cost of seedlings for 2023-24 16.94 per seedling

Add 10 % escalation for 2024-25 1.69

Cost of seedlings for 2024-25 18.63 per seedling

Add 10 % escalation for 2025-26 1.87

Cost of seedlings for 2025-26 20.50 per seedling

Add 10 % escalation for 2026-27 2.05

Cost of seedlings for 2026-27 22.55 per seedling

Add 10 % escalation for 2027-28 2.25

Cost of seedlings for 2027-28 24.80 per seedling

Add 10 % escalation for 2028-29 2.48

Cost of seedlings for 2028-29 27.28 per seedling

Add 10 % escalation for 2029-30 2.72

Cost of seedlings for 2029-30 30.00 per seedling

Add 10 % escalation for 2030-31 3.00

Cost of seedlings for 2030-31 33.00 per seedling

Add 10 % escalation for 2031-32 3.30

Cost of seedlings for 2031-32 36.31 per seedling

Add 10 % escalation for 2032-33 3.63

Cost of seedlings for 2032-33 39.94 per seedling

Add 10 % escalation for 2032-33 3.99

Cost of seedlings for 2032-33 43.93 per seedling

Add 10 % escalation for 2033-34 4.39

Cost of seedlings for 2033-34 48.32 per seedling

Ram
District Forest Officer,
Chengalpattu Division,
Kancheepuram-631501.

5/5/2023

Model Estimate for 10th Year Maintenance

Size of Polybags

: 30x45 cm

Wages Rate : Rs. 472.75

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	581.48	100 Nos	11630
2	1000 Nos	Pruning side branches twice in a year (2 times)	MTP ME		1.00	1 No	2000
3	LS	Contingencies for application of pesticides etc. and unforeseen items if any					370
TOTAL							14000

Rate calculated for 2021-22

14000

Cost of seedlings for 2021-22

14.00 per seedling

Add 10 % escalation for 2022-23

1.40

Cost of seedlings for 2022-23

15.40 per seedling

Add 10 % escalation for 2023-24

1.54

Cost of seedlings for 2023-24

16.94 per seedling

Add 10 % escalation for 2024-25

1.69

Cost of seedlings for 2024-25

18.63 per seedling

Add 10 % escalation for 2025-26

1.87

Cost of seedlings for 2025-26

20.50 per seedling

Add 10 % escalation for 2026-27

2.05

Cost of seedlings for 2026-27

22.55 per seedling

Add 10 % escalation for 2027-28

2.25

Cost of seedlings for 2027-28

24.80 per seedling

Add 10 % escalation for 2028-29

2.48

Cost of seedlings for 2028-29

27.28 per seedling

Add 10 % escalation for 2029-30

2.72

Cost of seedlings for 2029-30

30.00 per seedling

Add 10 % escalation for 2030-31

3.00

Cost of seedlings for 2030-31

33.00 per seedling

Add 10 % escalation for 2031-32

3.30

Cost of seedlings for 2031-32

36.31 per seedling

Add 10 % escalation for 2032-33

3.63

Cost of seedlings for 2032-33

39.94 per seedling

Add 10 % escalation for 2033-34

3.99

Cost of seedlings for 2033-34

43.93 per seedling

Add 10 % escalation for 2034-35

4.39

Cost of seedlings for 2034-35

48.32 per seedling

District Forest Officer,

Chengalpattu Division,

Kancheepuram-631501.

3/10/2023