
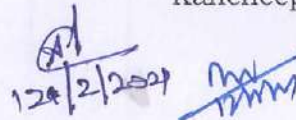


DETAILS OF FINANCIAL OUTLAY FOR COMPENSATORY AFFORESTATION

Sl. No	Details	Physical Target		Unit Cost		Amount	Remarks
1	Compensatory Afforestation						
a.	Raising Nursery	616	Nos	159	/ 1 No	97944	CA will be undertaken in the degraded Reserved Forests for 560 seedlings in 0.56 Ha in Kattur as per Government of India, MoEFCC, F.No.11-423/2011-FC Dt.08.11.2017.
	Planting	560	Nos	500.5	/ 1 No	280280	
						378224	
b.	Maintenance						
	1 st year			404.75	/ 1 No	226660	
	2 nd year			314.12	/ 1 No	175907	
	3 rd year			340.99	/ 1 No	190954	
	4 th year			21.74	/ 1 No	12174	
	5 th year			23.92	/ 1 No	13395	
	6 th year			26.31	/ 1 No	14734	
	7 th year			28.94	/ 1 No	16206	
	8 th year			31.83	/ 1 No	17825	
	9 th year			35.02	/ 1 No	19611	
	10 th year			38.52	/ 1 No	21571	
						709038	
						1087262	
4	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					54363	
	GRAND TOTAL					1141626	

Rs.11,41,626/- (Rupees Eleven Lakhs Forty One thousand Six hundred and Twenty Six Only)


 District Forest Officer,
 Chengalpattu Division,
 Kancheepuram.


 12/2/2021

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. 454.15

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	1099.04	200	824
3	2	kg	Cost of Seeds	LR		150	1	300.00
4	3	Cu.m	Formation of germination beds of size 10x1x3 m	PWD SSR item 62		73.10	1	219.30
5	1.0	Beds	Watering the Germination Beds twice daily with rose can (15days)	4.5.1	0.82	372.403	10 beds / day	558.60
6	1.0	Beds	Watering the germination beds once daily with rose can (15days)	4.5.2	0.41	186.20	10 beds / day	279.30
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	805.50
8	0.27	Cu.m	Collection and supply of farm yard manure filling bags 1/5th of total volume	LR		750.00	Cu.m	202.50
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	2034.59	1000	2238.05

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	104.45	1000	1723
11	1100	Nos	Watering the container plants once in daily with rose can 13x25 cm (30days)	4.11.4	0.115	52.23	1000	1723
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		454.15	10000 0/M	225
PART II - Bigger size bags : 30x45cmx600g								
14	1100	Nos	Cost of 30x45cmx600G polybags	Tender rate 2019-20		7.65	each	8415
13	9.230	M3	Collection and supply of sand silt and red soil according the requirement of prepartion of soil misture 4/5th of total volume (excluding volume of 10x20bags)	LR		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)	LR		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	12975.07	1000	14273
16	10.00	Maz	Labour cost of transplanting seedlings from 13x25 cm container bags into 30x45 cm containers 10maz/1000	NHAI ME		454.15	each	4542

Sl. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
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
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	1100	Nos	Cost of vertical strick of size 2.50 mts	NHAI ME		43.75	Each	48125
22	500	Mtrs	Cost of Horizontal strick			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			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	254.32	1000	16785
26	1100		Once daily - 210 days	4.10.7	0.28	127.16	1000	29374
27	1100		Shifting the container plants weeding grading and replacement of casualties in the bags -shifting to done once in 21dyas, 1shiting not before 45days after pricking out - 12 shifts	4.15.7	2.69	1221.66	1000	16126
28	1100		Cost of water for watering the container seedlings from private wells - 270 days			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

Sl. No	Qty	Details of Work	FSR Item No	FSL	Rate	Per	Amount
30	LS	Contingencies for application of pesticides etc., and unforeseen items if any					1361
TOTAL							175000

Rate calculated for 2020-21 Rs 175000

Rs. 175000
1100 Nos

Rs. 159 per seedling

District Forest Officer,
Chengalpattu Division,
Kancheepuram.

12/2/2021
12/2/21

Model Estimate for Planting

Size of Polybags

: 30x45 cm

No of Seedlings

: 1000

Wages Rate

: Rs. 454.15

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	4205.43	100 Nos	42054
2	15.625	Nos	Cost and transport of farmyard manure each plant (0.25x0.25x0.25=0.015625x1000=15.625 m3)	Local rate		975	1 M3	15234
3	1000	Nos	Cost of Gypsum including application charges	Local 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		975.00	1 M3	121875
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	1494.15	1000 Nos	1644
			Distribution of saplings from where seedlings are stocked to the planting spot upto 100mts.					
7	550	Nos	Upto 100 m	5.15.1	10	4541.50	1000 Nos	2498
8	550	Nos	Upto 200 m	5.15.2	17.5	7947.63	1000 Nos	4371
9	1000	Nos	Planting the Container plants by refilling pits of size 60 cm ³	as per based on FSR 5.22	1.71	776.60	100 Nos	7766
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


Sl. 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		2879.32	100 Nos	2879
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	558.60	100 Nos	5586
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	3106.39	100 Nos	31064
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	1200 0 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		454.15	200 Nos	34061
17	LS		Contingencies for application of pesticides etc. and unforeseen items if any					1217
TOTAL								455000

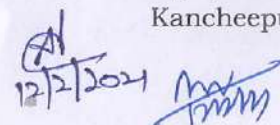
Rate calculated for 2020-21 455000

Cost of seedlings for 2020-21 455.00 per seedling

Add 10 % escalation for 2021-22 45.50

Cost of seedlings for 2021-22 500.50 per seedling


District Forest Officer,
Chengalpattu Division,
Kancheepuram.


12/12/2021

Model Estimate for 1st Year Maintenance

Size of Polybags

:30x45cm

Replacement of Casualties

: 10%

Wages Rate

Rs. 454.15

Sl. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
1	100	Nos	Cost of Taller seedlings			175.00	1 No	17500
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	1494.15	1000 Nos	149
4			Distribution of saplings from where seedlings are stocked to the planting spot upto 100mts.					
a	100	Nos	Upto 100mt	5.15.1	10	4541.50	1000 Nos	454
5	100	Nos	Replacement of casualties by reopening failed pits and planting the saplings (1/2 pitting rate + full planting rate)	5.23		2879.32	100 Nos	2879
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	1.23	558.60	100 Nos	11172
11	1000	Nos	Watering the plants once in 6 days during summer season April to Sept and Jan to Mar (45 days)			454.15	200 Nos	102184

SI. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
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	-	454.15	1 No / 100 seedlings	4542
14	LS		Contingencies for application of pesticides etc. and unforeseen items if any					2520
TOTAL								334500

Rate calculated for 2020-21 334500


Cost of seedlings for 2020-21 334.50 per seedling

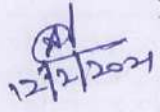

Add 10 % escalation for 2021-22 33.45

Cost of seedlings for 2021-22 367.95 per seedling

Add 10 % escalation for 2022-23 36.80

Cost of seedlings for 2022-23 404.75 per seedling


District Forest Officer,
Chengalpattu Division,
Kancheepuram.


12/2/2024 

Model Estimate for 2nd Year Maintenance

Size of Polybags

: 30x45 cm

Wages Rate

Rs. 454.15

Sl. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
1	1000	Nos	Cost of gypsum including application charges (2times)			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)	LR		0.50	each	1000
3	1000	Nos	Cost of DAP including application charges (per seedling 0.020 mg) (2 times)	LR		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	558.60	100 Nos	11172
5	1000	Nos	Watering the plants once in 6 days during summer season April to Sept and Jan to Mar (45 days)			454.15	200 Nos	102184
6	900000	Ltrs	Cost of water @ 20 liter per seedlings 45 watering days (20x1000x45=90000Ltrs)	As per ME		1200.00	12000 Ltrs	90000
7	1000	Nos	Pruning side branches twice in a year	LR		454.15	1 No / 100 seedlings	9083

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					1161
TOTAL								236000

Rate calculated for 2020-21 236000

Cost of seedlings for 2020-21 236.00 per seedling

Add 10 % escalation for 2021-22 23.60

Cost of seedlings for 2021-22 259.60 per seedling

Add 10 % escalation for 2022-23 25.96

Cost of seedlings for 2022-23 285.56 per seedling

Add 10 % escalation for 2023-24 28.56

Cost of seedlings for 2023-24 314.12 per seedling

District Forest Officer,
Chengalpattu Division,
Kancheepuram.

12/2/2024 Mr. [Signature]

Model Estimate for 3rd Year Maintenance

Size of Polybags : 30x45 cm

Wages Rate : Rs 454.15

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)	LR		0.75	each	1500
3	1000	Nos	Cost of DAP including application charges (per seedling 0.020 mg) (2 times)	LR		38.00		1520
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	558.60	100 Nos	11172
5	1000	Nos	Watering the plants once in 6 days during summer season April to Sept and Jan to Mar (45 days)	Wages Rate		454.15	200 Nos	102184
6	900000	Ltrs	Cost of water @ 20 liter per seedling 45 watering days (20x1000x45=900000Ltrs)	As per ME		1200.00	12000 Ltrs	90000
7	1000	Nos	Pruning side branches twice in a year	MTP ME		1.00	1 No	2000

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					4524
TOTAL								232900

Rate calculated for 2020-21 232900

Cost of seedlings for 2020-21 232.90 per seedling

Add 10 % escalation for 2021-22 23.29

Cost of seedlings for 2021-22 256.19 per seedling

Add 10 % escalation for 2022-23 25.62

Cost of seedlings for 2022-23 281.81 per seedling

Add 10 % escalation for 2023-24 28.18

Cost of seedlings for 2023-24 309.99 per seedling

Add 10 % escalation for 2024-25 31.00

Cost of seedlings for 2024-25 340.99 per seedling

District Forest Officer,
Chengalpattu Division,
Kancheepuram.

12/2/2024

Model Estimate for 4th Year Maintenance

Size of Polybags : 30x45 cm

Wages Rate Rs 454.15

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	558.60	100 Nos	11172
2	1000 Nos	Pruning side branches twice in a year	MTP ME		1.00	1 No	2000
3	LS	Contingencies for application of pesticides etc. and unforeseen items if any					328
TOTAL							13500

Rate calculated for 2020-21 13500

Cost of seedlings for 2020-21 13.50 per seedling

Add 10 % escalation for 2021-22 1.35

Cost of seedlings for 2021-22 14.85 per seedling

Add 10 % escalation for 2022-23 1.49

Cost of seedlings for 2022-23 16.34 per seedling

Add 10 % escalation for 2023-24 1.63

Cost of seedlings for 2023-24 17.97 per seedling

Add 10 % escalation for 2024-25 1.80

Cost of seedlings for 2024-25 19.77 per seedling

Add 10 % escalation for 2025-26 1.98

Cost of seedlings for 2025-26 21.74 per seedling

District Forest Officer,
Chengalpattu Division,
Kancheepuram.

12/12/2021

Model Estimate for 5th Year Maintenance

Size of Polybags

:30x45cm

Wages Rate

Rs 454.15

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	558.60	100 Nos	11172
2	1000	Nos	Pruning side branches twice in a year	MTP ME		1.00	1 No	2000
3	LS		Contingencies for application of pesticides etc. and unforeseen items if any					328
TOTAL								13500

Rate calculated for 2020-21

13500

Cost of seedlings for 2020-21

13.50 per seedling

Add 10 % escalation for 2021-22

1.35

Cost of seedlings for 2021-22

14.85 per seedling

Add 10 % escalation for 2022-23

1.49

Cost of seedlings for 2022-23

16.34 per seedling

Add 10 % escalation for 2023-24

1.63

Cost of seedlings for 2023-24

17.97 per seedling

Add 10 % escalation for 2024-25

1.80

Cost of seedlings for 2024-25

19.77 per seedling

Add 10 % escalation for 2025-26

1.98

Cost of seedlings for 2025-26

21.74 per seedling

Add 10 % escalation for 2026-27

2.17

Cost of seedlings for 2026-27

23.92 per seedling

District Forest Officer,
Chengalpattu Division,
Kancheepuram.

12/2/2024

Model Estimate for 6th Year Maintenance

Size of Polybags

: 30x45 cm

Wages Rate

454.15

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	558.60	100 Nos	11172
2	1000 Nos	Pruning side branches twice in a year	MTP ME		1.00	1 No	2000
3	LS	Contingencies for application of pesticides etc. and unforeseen items if any					328
TOTAL							13500

Rate calculated for 2020-21 13500

Cost of seedlings for 2020-21 13.50 per seedling

Add 10 % escalation for 2021-22 1.35

Cost of seedlings for 2021-22 14.85 per seedling

Add 10 % escalation for 2022-23 1.49

Cost of seedlings for 2022-23 16.34 per seedling

Add 10 % escalation for 2023-24 1.63

Cost of seedlings for 2023-24 17.97 per seedling

Add 10 % escalation for 2024-25 1.80

Cost of seedlings for 2024-25 19.77 per seedling

Add 10 % escalation for 2025-26 1.98

Cost of seedlings for 2025-26 21.74 per seedling

Add 10 % escalation for 2026-27 2.17

Cost of seedlings for 2026-27 23.92 per seedling

Add 10 % escalation for 2027-28 2.39

Cost of seedlings for 2027-28 26.31 per seedling

District Forest Officer,
Chengalpattu Division,
Kancheepuram.

12/12/2024

Model Estimate for 7th Year Maintenance

Size of Polybags

: 30x45 cm

Wages Rate

454.15

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	558.60	100 Nos	11172
2	1000	Nos	Pruning side branches twice in a year	MTP ME		1.00	1 No	2000
3	LS		Contingencies for application of pesticides etc. and unforeseen items if any					328
TOTAL								13500

Rate calculated for 2020-21 13500

Cost of seedlings for 2020-21 13.50 per seedling

Add 10 % escalation for 2021-22 1.35

Cost of seedlings for 2021-22 14.85 per seedling

Add 10 % escalation for 2022-23 1.49

Cost of seedlings for 2022-23 16.34 per seedling

Add 10 % escalation for 2023-24 1.63

Cost of seedlings for 2023-24 17.97 per seedling

Add 10 % escalation for 2024-25 1.80

Cost of seedlings for 2024-25 19.77 per seedling

Add 10 % escalation for 2025-26 1.98

Cost of seedlings for 2025-26 21.74 per seedling

Add 10 % escalation for 2026-27 2.17


Cost of seedlings for 2026-27 23.92 per seedling

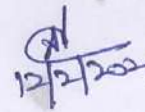

Add 10 % escalation for 2027-28 2.392

Cost of seedlings for 2027-28 26.31 per seedling

Add 10 % escalation for 2028-29 2.63

Cost of seedlings for 2028-29 28.94 per seedling


 District Forest Officer,
 Chengalpattu Division,
 Kancheepuram.

 12/2/2021 

Model Estimate for 8th Year Maintenance

Size of Polybags :30x45 cm

Wages Rate 454.15

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	558.60	100 Nos	11172
2	1000	Nos	Pruning side branches twice in a year	MTP ME		1.00	1 No	2000
3	LS		Contingencies for application of pesticides etc. and unforeseen items if any					328
TOTAL								13500

Rate calculated for 2020-21 13500

Cost of seedlings for 2020-21 13.50 r seedling

Add 10 % escalation for 2021-22 1.35

Cost of seedlings for 2021-22 14.85 r seedling

Add 10 % escalation for 2022-23 1.49

Cost of seedlings for 2022-23 16.34 r seedling

Add 10 % escalation for 2023-24 1.63

Cost of seedlings for 2023-24 17.97 r seedling

Add 10 % escalation for 2024-25 1.80

Cost of seedlings for 2024-25 19.77 r seedling

Add 10 % escalation for 2025-26 1.98

Cost of seedlings for 2025-26 21.74 r seedling

Add 10 % escalation for 2026-27 2.17

Cost of seedlings for 2026-27 23.92 r seedling

Add 10 % escalation for 2027-28 2.39

Cost of seedlings for 2027-28 26.31 r seedling

Add 10 % escalation for 2028-29 2.63

Cost of seedlings for 2028-29 28.94 r seedling

Add 10 % escalation for 2029-30 2.89

Cost of seedlings for 2029-30 31.83 r seedling

District Forest Officer,
Chengalpattu Division,
Kancheepuram.

12/3/2024

Model Estimate for 9th Year Maintenance

Size of Polybags :30x45 cm

Wages Rate 454.15

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	558.60	100 Nos	11172
2	1000	Nos	Pruning side branches twice in a year	MTP ME		1.00	1 No	2000
3	LS		Contingencies for application of pesticides etc. and unforeseen items if any					328
TOTAL								13500

Rate calculated for 2020-21 13500

Cost of seedlings for 2020-21 13.50 per seedling

Add 10 % escalation for 2021-22 1.35

Cost of seedlings for 2021-22 14.85 per seedling

Add 10 % escalation for 2022-23 1.49

Cost of seedlings for 2022-23 16.34 per seedling

Add 10 % escalation for 2023-24 1.63

Cost of seedlings for 2023-24 17.97 per seedling

Add 10 % escalation for 2024-25 1.80

Cost of seedlings for 2024-25 19.77 per seedling

Add 10 % escalation for 2025-26 1.98

Cost of seedlings for 2025-26 21.74 per seedling

Add 10 % escalation for 2026-27 2.17

Cost of seedlings for 2026-27 23.92 per seedling

Add 10 % escalation for 2027-28 2.39

Cost of seedlings for 2027-28 26.31 per seedling

Add 10 % escalation for 2028-29 2.63

Cost of seedlings for 2028-29 28.94 per seedling

Add 10 % escalation for 2029-30 2.89

Cost of seedlings for 2029-30 31.83 per seedling

Add 10 % escalation for 2030-31 3.18

Cost of seedlings for 2030-31 35.02 per seedling

District Forest Officer,
Chengalpattu Division,
Kancheepuram.

12/1/2024

Model Estimate for 10th Year Maintenance

Size of Polybags

: 30x45 cm

Wages Rate : Rs. 454.15

SI. 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	558.60	100 Nos	11172
2	1000	Nos	Pruning side branches twice in a year	MTP ME		1.00	1 No	2000
3	LS		Contingencies for application of pesticides etc. and unforeseen items if any					328
TOTAL								13500

Rate calculated for 2020-21

13500

Cost of seedlings for 2020-21

13.50 per seedling

add 10 % escalation for 2021-22

1.35

Cost of seedlings for 2021-22

14.85 per seedling

Add 10 % escalation for 2022-23

1.49

Cost of seedlings for 2022-23

16.34 per seedling

Add 10 % escalation for 2023-24

1.63

Cost of seedlings for 2023-24

17.97 per seedling

Add 10 % escalation for 2024-25

1.80

Cost of seedlings for 2024-25

19.77 per seedling

Add 10 % escalation for 2025-26

1.98

Cost of seedlings for 2025-26

21.74 per seedling

Add 10 % escalation for 2026-27

2.17

Cost of seedlings for 2026-27

23.92 per seedling

Add 10 % escalation for 2027-28

2.39

Cost of seedlings for 2027-28

26.31 per seedling

Add 10 % escalation for 2028-29

2.63

Cost of seedlings for 2028-29

28.94 per seedling

Add 10 % escalation for 2029-30

2.89

Cost of seedlings for 2029-30

31.83 per seedling

Add 10 % escalation for 2030-31

3.18

Cost of seedlings for 2030-31

35.02 per seedling

Add 10 % escalation for 2031-32

3.50

Cost of seedlings for 2031-32

38.52 per seedling

District Forest Officer,
Chengalpattu Division,
Kancheepuram.

12/2/2021