

DETAILS OF FINANCIAL OUTLAY FOR COMPENSATORY AFFORESTATION

Sl. No	Details	Physical Target		Unit Cost		Amount	Remarks
1	Plantation of 2 times area 28.00 Ha in the degraded forest area (Eco -4) as the non availability of non forest area. Number of seedlings 1000 per Ha						
a.	Raising	28000	Nos	198.00	/ 1 No	5544000	1000 Seedlings are proposed to be planted in 28.00 Ha degraded forest area in Mylarvada RF, Konasamuthiram RF, Konasamuthiram Extention RF and it will be maintained for a period of 10 years
b.	Maintenance of Nurusury			18.15	/ 1 No	508200	
c.	Planting			670.00	/ 1 No	18760670	
d.	1 st year			297.66	/ 1 No	8334480	
e.	2 nd year			300.81	/ 1 No	8422680	
f.	3 rd year			323.09	/ 1 No	9046520	
g.	4 th year			22.99	/ 1 No	643720	
h.	5 th year			24.66	/ 1 No	690480	
i.	6 th year			27.28	/ 1 No	763840	
k.	7 th year			30.01	/ 1 No	840280	
l.	8 th year			33.01	/ 1 No	924280	
m.	9 th year			36.31	/ 1 No	1016680	
n.	10 th year			39.94	/ 1 No	1118320	
				Sub Total		56614150	
2	Creation of Fire line in width of 3M						
a.	Creation of Fire line in width of 3 m	10	KM	9079.64	/ 1 KM	90796	During the 2023-24 (planting year)
b.	Maint.of Fire line in width of 3 m	10	KM	9987.60	/ 1 KM	99876	During the 2024-25
c.	Maint.of Fire line in width of 3 m	10	KM	10986.36	/ 1 KM	109864	During the 2025-26
d.	Maint.of Fire line in width of 3 m	10	KM	12085.00	/ 1 KM	120850	During the 2026-27
				Sub Total		421386	
3	Removal of Lemon Grass						
a.	Removal of Lemon Grass Yearly twice daily for the months of june and December	28	Ha	24763.59	Per Ha	693381	The invasive grass has covered most of the areas and this has degraded the grazing ground for herbivore animals and the fodder for herbivorous animals. It is proposed to maintain the habitat with indigenous species by clearing the grass in a phased manner. This will also create better conditions for the herbivorous and improve the environment. The work proposed during the 2023-24

Sl. No	Details	Physcial Target		Unit Cost		Amount	Remarks
b.	Removal of Lemon Grass Yearly twice times for the month of june and	28	Ha	20020.87	Per Ha	560584	During the 2024-25
c.	Removal of Lemon Grass Yearly twice times for the month of june and	28	Ha	16577.57	Per Ha	464172	During the 2025-26
d.	Removal of Lemon Grass Yearly twice times for the month of june and	28	Ha	18234.77	Per Ha	510574	During the 2026-27
				Sub Total		2228710	
4	Providing Water Harvesting Structure for Construction of Percolation Pond-21nos and CheckDam -1 nos in each RF in Mylarvada RF, Konasamuthiram Extention RF	2	No.	10.00	No	20.00	The Geographical location of the district made the soil very dry and less moisture content zone, which leads to the low density of the forests and poor survival of plantation. Hence providing the water recharge structures are essential. The work proposed During the 2024-25
	GRAND TOTAL					59264266	

Rs.5,92,64,266/- (Rupees Five Crore Ninety two Lakhs Seventy Sixty four thousand two hundred and sixty Six Only)


 District Forest Officer,
 Tiruvallur Division,
 Tiruvallur
 30/5/24

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

Sl. 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		73.10	1	219
5	1.0 Beds	Watering the Germination Beds twice daily with rose can (15days)	4.5.1	0.82	387.66	10 beds / day	581
6	1.0 Beds	Watering the germination beds once daily with rose can (15days)	4.5.2	0.41	193.83	10 beds / day	291
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	LR		1500.00	Cu.m	1611
8	0.27 Cu.m	Collection and supply of farm yard manure filling bags 1/5th of total volume	LR		1500.00	Cu.m	405
9	1100 Nos	Preparation of soil mixture by breaking clods, sieving, mixing fertile earth (including red soil, silt and sand according to requirements) 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

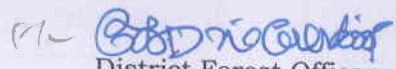
Sl. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
10	1100	Nos	Watering the container plants twice daily with rose can 13x25 cm (15days)	4.10.4	0.23	112.30	1000	1853
11	1100	Nos	Watering the container plants once in daily with rose can 13x25 cm (30days)	4.11.4	0.115	56.15	1000	1853
12	1100	Nos	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 prepartion of soil misture 4/5th of total volume (excluding volume of 10x20bags)	LR		1500	M3	13845
16	2.31	M3	Cost of transport of Farmyard manure for filling bags 1/5th of total volume (excluding volume of 10x20 bags)	LR		1500	M3	3465
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 (Casurina poles 5 cm -8 cm girth and 2.50 m height for each plants)	PWD SSR - 2021-22 item No.122-d		19.20	RM	52800
24	500	Mtrs	Cost of Horizontal strick			19.20	RM	9600
25	1100	Nos	Tying plants to vertical stick one in a month 2times	NHAI ME		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 weedling grading and replacement of casualities in the bags -shifting to done once in 21dyas, 1shiting not before 45days after pricking out - 11 shifts	4.15.7	2.69	1313.39	1000	15892

SI. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
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
30	1100	Nos	Nursery protection mazdoor 1 Nos 100000 Nos of 30x45 cm bags - 45days	wages rate		488.25	20000/ M	1208
31	LS		Contingencies for application of pesticides etc., and unforeseen intems if any					2780
TOTAL								198000

Rate calculated for 2022-23 Rs 198000

1 seedling Rate for 2022-23 Rs 198.00 Per seedling


 District Forest Officer,
 Tiruvallur Division,
 Tiruvallur

Model Estimate for Planting

Size of Polybags,

: 30x45 cm

No of Seedlings

: 1000

Wages Rate

Rs. 488.25

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	4521.2	100 Nos	45212
2	72.00	M3	Cost and transport of farmyard manure each plant (0.60x0.60x0.20=0.072x1000= 72 m3)	Local rate		1500.00	1 M3	108000
3	1000	Nos	Cost of Gypsum including application charges	Local rate		10.00	1 No	10000
4	72.00	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)	Local rate		1500.00	1 M3	108000
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	1606.34	1000 Nos	1767
			Distribution of saplings from where seedlings are stocked to the planting spot upto 100mts.					
7	550	Nos	Upto 100 m	5.15.1	10.00	4882.50	1000 Nos	2685
8	550	Nos	Upto 200 m	5.15.2	17.5	8544.38	1000 Nos	4699
9	1000	Nos	Planting the Container plants by refilling pits of size 60 cm ³	as per based on FSR 5.22	1.71	834.91	100 Nos	8349
10	2500	RM	Provision of vertical casurina poles 5cm to 8cm girth and 2.50 m height per plant	PWD SSR 148/ d		19.50	Rm	48750
11	100	Nos	Replacement of casualties by reopening failed pits and planting the saplings (1/2 pitting rate + full planting rate)	5.23		3095.51	100 Nos	3096


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	600.55	100 Nos	6005
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	3339.63	100 Nos	33396
14	1000	Nos	Providing each plant protection by nylon green 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 NHAI 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 NHAI ME		488.25	200 Nos	36619
17	LS		Contingencies for application of pesticides etc. and unforeseen items if any					12421
TOTAL								670000

Rate calculated for 2022-23 670000

Cost of seedlings for 2022-23 670.00 per seedling

Add 10 % escalation for 2023-24 67.00

Cost of seedlings for 2023-24 737.00 per seedling


 District Forest Officer,
 Tiruvallur Division,
 Tiruvallur
 30/5/22


Estimate for maintainance of nursery for 30x45cm seedlings (nursury raising 2022-23) during 2023-24

Size of polybags :30x45cm
 No of seedlings 1000 Nos
 (+) 10% cas 100 Nos
Total 1100 Nos
 Wages rate Rs. 488.25 per day

SI. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
MAINTANANCE OF NURSERY OPERATIONS 30X 45 CM BAG SIZE SEEDLINGS								
1			Watering the container plants with rose can watering regime approved PCCF's Ref.No.J1/57395/2003, dt:12.12.2003					
	1100		Once daily - 180 days	4.10.7	0.28	132.37	1000	146
2	1100		Shifting the container plants weedling grading and replacement of casualities in the bags -shifting to done once in 21dyas, 1shiting not before 45days after pricking out - 8 shifts	4.15.7	2.69	1271.7	1000	11191
3	1100	Nos	Nursery protection mazdoors 1 No /20000 Nos of 30 X 45cm bags - 180 days	wages rate		488.25	20000/M	4834
4	LS		Contingencies for application of pesticides etc., and unforeseen intems if any					329
						Total		16500

Rate calculated for 2022-23 16500
 Cost of seedlings for 2022-23 16.50 per seedling
 Add 10 % escalation for 2023-24 1.65
 Cost of seedlings for 2023-24 18.15 per seedling

P/c


 District Forest Officer,
 Tiruvallur Division,
 Tiruvallur
 30/5/24

Model Estimate for 1st Year Maintenance

Size of Polybags

:30x45cm

Replacement of Casualties

: 10%

Wages Rate

Rs. 488.25

SI. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
1	100	Nos	Cost of Taller seedlings			198.00	1 No	19800
2	100	Nos	Transporting seedlings (transported to the radius of 42kms) excluding loading and unloading	NHAI & MTP M.E		7.00	1 No	700
3	100	Nos	Loading & Unloading the Container plants charges	5.11.7	3.29	1606.34	1000 Nos	161
4			Distribution of saplings from where seedlings are stocked to the planting spot upto 100mts.					
a	100	Nos	Upto 100mt	5.15.1	10	4882.50	1000 Nos	488
5	100	Nos	Replacement of casualties by reopening failed pits and planting the saplings (1/2 pitting rate + full planting rate)	5.23		3095.51	100 Nos	3096
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	600.55	100 Nos	12011
8	1000	Nos	Watering the plants once in 6 days during summer season April to Sept and Jan to Mar (45 days)	As per NHAI ME		488.25	200 Nos	109856
9	900000	Ltrs	Cost of water @ 20 liter per seedling 45 watering days (20x1000x45=900000Ltrs)	As per NHAI ME		1200.00	12000 Ltrs	90000
10	1000	Nos	Pruning side branches once in a year	LR	-	488.25	1 No / 100 seedlings	4883
11	LS		Contingencies for application of pesticides etc. and unforeseen items if any					3606
TOTAL								246000

Rate calculated for 2022-23 246000

Cost of seedlings for 2022-23 246.00 per seedling

Add 10 % escalation for 2023-24 24.60

Cost of seedlings for 2023-24 270.60 per seedling

Add 10 % escalation for 2024-25 27.06

Cost of seedlings for 2024-25 297.66 per seedling

District Forest Officer,

Tiruvallur Division,

Tiruvallur
20/5/20

Model Estimate for 2nd Year Maintenance

Size of Polybags

: 30x45 cm

Wages Rate

Rs. 488.25

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	600.55	100 Nos	12011
3	1000	Nos	Watering the plants once in 6 days during summer season April to Sept and Jan to Mar (45 days)	As per NHAI ME		488.25	200 Nos	109856
4	900000	Ltrs	Cost of water @ 20 liter per seedlings 45 watering days (20x1000x45=90000Ltrs)	As per NHAI ME		1200.00	12000 Ltrs	90000
5	1000	Nos	Pruning side branches twice in a year	LR		488.25	1 No / 100 seedlings	9765
6	LS		Contingencies for application of pesticides etc. and unforeseen items if any					2968
TOTAL								226000

Rate calculated for 2022-23 226000

Cost of seedlings for 2022-23 226.00 per seedling

Add 10 % escalation for 2023-24 22.60


Cost of seedlings for 2023-24 248.60 per seedling

Add 10 % escalation for 2024-25 24.86

Cost of seedlings for 2024-25 273.46 per seedling

Add 10 % escalation for 2025-26 27.35

Cost of seedlings for 2025-26 300.81 per seedling


 District Forest Officer,
 Tiruvallur Division,
 Tiruvallur
 30/5/22

Model Estimate for 3rd Year Maintenance

Size of Polybags : 30x45 cm

Wages Rate : Rs 488.25

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	600.55	100 Nos	12011
3	1000 Nos	Watering the plants once in 6 days during summer season April to Sept and Jan to Mar (45 days)	As per NHAI ME		488.25	200 Nos	109856
4	900000 Ltrs	Cost of water @ 20 liter per seedling 45 watering days (20x1000x45=900000Ltrs)	As per NHAI 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					3733
TOTAL							219000

Rate calculated for 2022-23 219000

Cost of seedlings for 2022-23 219.00 per seedling

Add 10 % escalation for 2023-24 21.90

Cost of seedlings for 2023-24 240.90 per seedling

Add 10 % escalation for 2024-25 24.09


Cost of seedlings for 2024-25 264.99 per seedling

Add 10 % escalation for 2025-26 28.73

Cost of seedlings for 2025-26 293.72 per seedling

Add 10 % escalation for 2026-27 29.37

Cost of seedlings for 2026-27 323.09 per seedling

F/C 
District Forest Officer,
Tiruvallur Division,
Tiruvallur
2/20/22

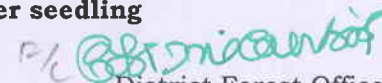
Model Estimate for 4th Year Maintenance

Size of Polybags : 30x45 cm

Wages Rate Rs 488.25

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	600.55	100 Nos	12011
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					289
TOTAL								14300

Rate calculated for 2022-23	14300
Cost of seedlings for 2022-23	14.30 per seedling
Add 10 % escalation for 2023-24	1.43
Cost of seedlings for 2023-24	15.73 per seedling
Add 10 % escalation for 2024-25	1.57
Cost of seedlings for 2024-25	17.30 per seedling
Add 10 % escalation for 2025-26	1.73
Cost of seedlings for 2025-26	19.03 per seedling
Add 10 % escalation for 2026-27	1.87
Cost of seedlings for 2026-27	20.90 per seedling
Add 10 % escalation for 2027-28	2.09
Cost of seedlings for 2027-28	22.99 per seedling


 District Forest Officer,
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 Tiruvallur

Model Estimate for 5th Year Maintenance

Size of Polybags

:30x45cm

Wages Rate

Rs 488.25

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	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					270
TOTAL								13900

Rate calculated for 2022-23

13900

Cost of seedlings for 2022-23

13.90 per seedling

Add 10 % escalation for 2023-24

1.39

Cost of seedlings for 2023-24

15.29 per seedling

Add 10 % escalation for 2024-25

1.53

Cost of seedlings for 2024-25

16.82 per seedling

Add 10 % escalation for 2025-26

1.68

Cost of seedlings for 2025-26

18.50 per seedling

Add 10 % escalation for 2026-27

1.87

Cost of seedlings for 2026-27

20.37 per seedling

Add 10 % escalation for 2027-28

2.04

Cost of seedlings for 2027-28

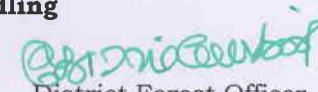
22.41 per seedling

Add 10 % escalation for 2028-29

2.25

Cost of seedlings for 2028-29

24.66 per seedling


 District Forest Officer,
 Tiruvallur Division,
 Tiruvallur
 2/30/22

Model Estimate for 6th Year Maintenance

Size of Polybags

: 30x45 cm

Wages Rate Rs.

488.25

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 2022-23 **14000**

Cost of seedlings for 2022-23 14.00 per seedling

Add 10 % escalation for 2023-24 1.40

Cost of seedlings for 2023-24 15.40 per seedling

Add 10 % escalation for 2024-25 1.54

Cost of seedlings for 2024-25 16.94 per seedling

Add 10 % escalation for 2025-26 1.69

Cost of seedlings for 2025-26 18.63 per seedling

Add 10 % escalation for 2026-27 1.87

Cost of seedlings for 2026-27 20.50 per seedling

Add 10 % escalation for 2027-28 2.05


Cost of seedlings for 2027-28 22.55 per seedling

Add 10 % escalation for 2028-29 2.25

Cost of seedlings for 2028-29 24.80 per seedling

Add 10 % escalation for 2029-30 2.48

Cost of seedlings for 2029-30 27.28 per seedling


 District Forest Officer,
 Tiruvallur Division,
 Tiruvallur
 20/5/22

Model Estimate for 7th Year Maintenance

Size of Polybags : 30x45 cm

Wages Rate Rs 488.25

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	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 2022-23 **14000**

Cost of seedlings for 2022-23 14.00 per seedling

Add 10 % escalation for 2023-24 1.40

Cost of seedlings for 2023-24 15.40 per seedling

Add 10 % escalation for 2024-25 1.54

Cost of seedlings for 2024-25 16.94 per seedling

Add 10 % escalation for 2025-26 1.69

Cost of seedlings for 2025-26 18.63 per seedling

Add 10 % escalation for 2026-27 1.87

Cost of seedlings for 2026-27 20.50 per seedling

Add 10 % escalation for 2027-28 2.05

Cost of seedlings for 2027-28 22.55 per seedling

Add 10 % escalation for 2028-29 2.25


Cost of seedlings for 2028-29 24.80 per seedling

Add 10 % escalation for 2029-30 2.480

Cost of seedlings for 2029-30 27.28 per seedling

Add 10 % escalation for 2030-31 2.73

Cost of seedlings for 2030-31 30.01 per seedling


 District Forest Officer,
 Tiruvallur Division,
 Tiruvallur
 20/5/22

Model Estimate for 8th Year Maintenance

Size of Polybags :30x45 cm

Wages Rate 488.25

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	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 2022-23 **13999.6**

Cost of seedlings for 2022-23 14.00 r seedling

Add 10 % escalation for 2023-24 1.40

Cost of seedlings for 2023-24 15.40 r seedling

Add 10 % escalation for 2024-25 1.54

Cost of seedlings for 2024-25 16.94 r seedling

Add 10 % escalation for 2025-26 1.69

Cost of seedlings for 2025-26 18.63 r seedling

Add 10 % escalation for 2026-27 1.87

Cost of seedlings for 2026-27 20.50 r seedling

Add 10 % escalation for 2027-28 2.05

Cost of seedlings for 2027-28 22.55 r seedling

Add 10 % escalation for 2028-29 2.25

Cost of seedlings for 2028-29 24.80 r seedling

Add 10 % escalation for 2029-30 2.48

Cost of seedlings for 2029-30 27.28 r seedling

Add 10 % escalation for 2030-31 2.73

Cost of seedlings for 2030-31 30.01 r seedling

Add 10 % escalation for 2031-32 3.00

Cost of seedlings for 2031-32 33.01 r seedling


 District Forest Officer,
 Tiruvallur Division,
 Tiruvallur
 2/20/2022

Model Estimate for 9th Year Maintenance

Size of Polybags :30x45 cm

Wages Rate

488.25

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 2022-23 **14000**

Cost of seedlings for 2022-23 14.00 per seedling

Add 10 % escalation for 2023-24 1.40

Cost of seedlings for 2023-24 15.40 per seedling

Add 10 % escalation for 2024-25 1.54

Cost of seedlings for 2024-25 16.94 per seedling

Add 10 % escalation for 2025-26 1.69

Cost of seedlings for 2025-26 18.63 per seedling

Add 10 % escalation for 2026-27 1.87

Cost of seedlings for 2026-27 20.50 per seedling

Add 10 % escalation for 2027-28 2.05

Cost of seedlings for 2027-28 22.55 per seedling

Add 10 % escalation for 2028-29 2.25

Cost of seedlings for 2028-29 24.80 per seedling

Add 10 % escalation for 2029-30 2.48

Cost of seedlings for 2029-30 27.28 per seedling

Add 10 % escalation for 2030-31 2.72

Cost of seedlings for 2030-31 30.00 per seedling

Add 10 % escalation for 2031-32 3.00

Cost of seedlings for 2031-32 33.00 per seedling

Add 10 % escalation for 2032-33 3.30

Cost of seedlings for 2032-33 36.31 per seedling

FIC 

District Forest Officer,

Tiruvallur Division,

2/2015/12 Tiruvallur


Model Estimate for 10th Year Maintenance

Size of Polybags, : 30x45 cm

Wages Rate : Rs. 488.25

SI. 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 2022-23	14000
Cost of seedlings for 2022-23	14.00 per seedling
Add 10 % escalation for 2023-24	1.40
Cost of seedlings for 2023-24	15.40 per seedling
Add 10 % escalation for 2024-25	1.54
Cost of seedlings for 2024-25	16.94 per seedling
Add 10 % escalation for 2025-26	1.69
Cost of seedlings for 2025-26	18.63 per seedling
Add 10 % escalation for 2026-27	1.87
Cost of seedlings for 2026-27	20.50 per seedling
Add 10 % escalation for 2027-28	2.05
Cost of seedlings for 2027-28	22.55 per seedling
Add 10 % escalation for 2028-29	2.25
Cost of seedlings for 2028-29	24.80 per seedling
Add 10 % escalation for 2029-30	2.48
Cost of seedlings for 2029-30	27.28 per seedling
Add 10 % escalation for 2030-31	2.72
Cost of seedlings for 2030-31	30.00 per seedling
Add 10 % escalation for 2031-32	3.00
Cost of seedlings for 2031-32	33.00 per seedling
Add 10 % escalation for 2032-33	3.30
Cost of seedlings for 2032-33	36.31 per seedling
Add 10 % escalation for 2033-34	3.63
Cost of seedlings for 2033-34	39.94 per seedling


 District Forest Officer,
 Tiruvallur Division,
 Tiruvallur
 20/5/22