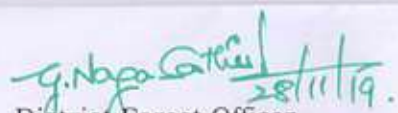


DETAILS OF FINANCIAL OUTLAY FOR COMPENSATORY AFFORESTATION

Sl.No	Details	Area	Unit Cost		Amount	Remarks
1	Compensatory Afforestation					
a.	Raising Nursery and Planting	0.192 Ha	586080	/Ha	112527	CA will be undertaken in the degraded Reserved Forests for 211 seedlings in 0.192 Ha in Sonalur RF as per Government of India, MoEFCC, F.No.11-423/2011-FC Dt.08.11.2017.
	Sub Total				112527	
b.	Maintenance of Plantation					
	1 st year	0.192 Ha	297060	/Ha	57036	The CA Plantation will be maintained over a period of 10 years and accordingly provision has been made.
	2 nd year		304800	/Ha	58522	
	3 rd year		335280	/Ha	64374	
	4 th year		36240	/Ha	6958	
	5 th year		39860	/Ha	7653	
	6 th year		43850	/Ha	8419	
	7 th year		48230	/Ha	9260	
	8 th year		53050	/Ha	10186	
	9 th year		58360	/Ha	11205	
	10 th year		64190	/Ha	12324	
	Sub Total				245937	
			Sub-total		358464	
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				17923	
	GRAND TOTAL				376387	

Rs.3,76,387/- (Rupees Three Lakhs Seventy Six thousand Three hundred and Eighty Seven Only)


 District Forest Officer,
 Chengalpattu Division,
 Kancheepuram.


 28/11/19

Model Estimate for Raising Nursery

Size of Polybags : 30x45 cm

No of Seedlings : 1000 Nos

(+) Replacement casualties : 100 Nos

: 1100 Nos

Period of Nursery: 10 Months

Wages Rate: Rs. 430.90

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

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

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

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					1126
TOTAL							172000

Rate calculated for 2019-20 of Rs 172000

1 seedling Rate for 2019-20 Rs 172.00 per seedling

G. R. Sathish
28/11/19
District Forest Officer,
Chengalpattu Division,
Kancheepuram.

Ad
28/11/19

Model Estimate for Planting

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

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

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		2731.91	100 Nos	2732
12	1000	Nos	Scraping for 1 m dia and soil working 15 cm depth around each plants and removing the grass roots away from the site of upturning the soil - 2 times	5.24	1.23	530.01	100 Nos	5300
13	1000	Nos	Forming catch water drains for each plant in plains 90 cm x 45 cm x 30 cm size in hard gravelly soil	5.26	6.84	2947.36	100 Nos	29474
15	300000	Ltrs	Cost of water @ 20 liter per seedlings 15 watering days (20x1000x15=300000Ltrs)	As per MTP ME 18-19		1200.00	12000 Ltrs	30000
16	1000	Nos	Watering the plants once in 6 days during non rainy period (from January 2018 to March 2018) 200 Plants per mazdoor - 15 watering days	As per MTP ME 18-19		430.90	200 Nos	32318
17	LS		Contingencies for application of pesticides etc. and unforeseen items if any					5912
TOTAL								328000

Rate calculated for 2019-20 328000

Cost of seedlings for 2019-20 328.00 per seedling

add 10 % escalation for 2020-21 32.80

Cost of seedlings for 2020-21 360.80 per seedling

Ganga Sathish
28/11/19
District Forest Officer,
Chengalpattu Division,
Kancheepuram.

AD
28/11/19

Model Estimate for 1st Year Maintenance

Size of Polybags : 30x45cm

Replacement of Casualties : 10%

Wages Rate Rs. 430.90

Sl. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
1	100	Nos	Cost of Taller seedlings			172.00	1 No	17200
2	100	Nos	Transporting seedlings (transported to the radius of 42kms) excluding loading and unloading	NHAI & MTP PME		7.00	1 No	700
3	100	Nos	Loading & Unloading the Container plants charges	5.11.7	3.29	1417.66	1000 Nos	142
4			Distribution of saplings from where seedlings are stocked to the planting spot upto 100mts.					
a	100	Nos	Upto 100mt	5.15.1	10	4309.00	1000 Nos	431
5	100	Nos	Replacement of casualties by reopening failed pits and planting the saplings (1/2 pitting rate + full planting rate)	5.23		2731.91	100 Nos	2732
6	1000	Nos	Cost of gypsum including application charges (2 times)	Wages Rate		10.00	each	20000
7	1000	Nos	Application of poultry manure @ 250 gm per plant by mixing in the pit before planting including cost & transport (2 times)	MTP ME 19-20		0.50	each	1000
8	1000	Nos	Cost of DAP including application charges (per seedling 0.020 mg) (2 times)	MTP ME 19-20		35.00		1400
9	1000	Nos	Scraping for 1m dia and soil working 15cm depth around each plants and removing the grass roots away from the site of upturning the soil - 2 times	FSR 5.24	1.23	530.01	100 Nos	10600
10	1000	Nos	Watering the plants once in 6 days during summer season April to Sept and Jan to Mar (45 days)	MTP ME 19-20		430.90	200 Nos	96953

Sl. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
11	900000	Ltrs	Cost of water @ 20 liter per seedling 45 watering days (20x1000x45=900000Ltrs)	MTP ME 19-20		1200.00	12000 Ltrs	90000
12	1000	Nos	Pruning side branches once in a year	LR		430.90	1 No / 100 seedlings	4309
13	LS		Contingencies for application of pesticides etc. and unforeseen items if any					1134
TOTAL								246600

Rate calculated for 2019-20 246600

Cost of seedlings for 2019-20 246.60 per seedling

add 10 % escalation for 2020-21 24.66

Cost of seedlings for 2020-21 271.26 per seedling

add 10 % escalation for 2021-22 27.13

Cost of seedlings for 2021-22 298.39 per seedling

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

AH
28/11/19

Model Estimate for 2nd Year Maintenance

Size of Polybags

: 30x45 cm

Wages Rate

Rs. 430.90

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

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

Rate calculated for 2019-20 229000

Cost of seedlings for 2019-20 229.00 per seedling

add 10 % escalation for 2020-21 22.90

Cost of seedlings for 2020-21 251.90 per seedling

add 10 % escalation for 2021-22 25.19

Cost of seedlings for 2021-22 277.09 per seedling

add 10 % escalation for 2022-23 27.71

Cost of seedlings for 2022-23 304.80 per seedling

G. Nagarathin
28/11/19
District Forest Officer,
Chengalpattu Division,
Kancheepuram.

AD
28/11/19

Model Estimate for 3rd Year Maintenance

Size of Polybags : 30x45 cm

Wages Rate : Rs 430.90

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

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

Rate calculated for 2018-19 229000

Cost of seedlings for 2019-20 229.00 per seedling

add 10 % escalation for 2020-21 22.90

Cost of seedlings for 2020-21 251.90 per seedling

add 10 % escalation for 2021-22 25.19

Cost of seedlings for 2021-22 277.09 per seedling

add 10 % escalation for 2022-23 27.71

Cost of seedlings for 2022-23 304.80 per seedling

add 10 % escalation for 2023-24 30.48

Cost of seedlings for 2023-24 335.28 per seedling

G. Nagaraj
28/11/19
District Forest Officer,
Chengalpattu Division,
Kancheepuram.

Ad
28/11/19

Model Estimate for 4th Year Maintenance

Size of Polybags : 30x45 cm

Wages Rate Rs 430.90

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

Rate calculated for 2019-20 22500

Cost of seedlings for 2019-20 22.50 per seedling

add 10 % escalation for 2020-21 2.25

Cost of seedlings for 2020-21 24.75 per seedling

add 10 % escalation for 2021-22 2.47

Cost of seedlings for 2021-22 27.22 per seedling

add 10 % escalation for 2022-23 2.72

Cost of seedlings for 2022-23 29.95 per seedling

add 10 % escalation for 2023-24 2.99

Cost of seedlings for 2023-24 32.94 per seedling

add 10 % escalation for 2024-25 3.29

Cost of seedlings for 2024-25 36.24 per seedling

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

28/11/19

Model Estimate for 5th Year Maintenance

Size of Polybags

:30x45cm

Wages Rate

Rs 430.90

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

Rate calculated for 2019-20

22500

Cost of seedlings for 2019-20

22.50 per seedling

add 10 % escalation for 2020-21

2.25

Cost of seedlings for 2020-21

24.75 per seedling

add 10 % escalation for 2021-22

2.47

Cost of seedlings for 2021-22

27.22 per seedling

add 10 % escalation for 2022-23

2.72

Cost of seedlings for 2022-23

29.95 per seedling

add 10 % escalation for 2023-24

2.99

Cost of seedlings for 2023-24

32.94 per seedling

add 10 % escalation for 2024-25

3.29

Cost of seedlings for 2024-25

36.24 per seedling

add 10 % escalation for 2025-26

3.62

Cost of seedlings for 2025-26

39.86 per seedling


 District Forest Officer,
 Chengalpattu Division,
 Kancheepuram.


 28/11/24

Model Estimate for 6th Year Maintenance

Size of Polybags

: 30x45 cm

Wages Rate

430.90

Sl. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
1	1000	Nos	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	Pruning side branches twice in a year	LR		430.90	1 No / 75 seedlings	11491
3	LS		Contingencies for application of pesticides etc. and unforeseen items if any					409
TOTAL								22500

Rate calculated for 2019-20 22500

Cost of seedlings for 2019-20 22.50 per seedling

add 10 % escalation for 2020-21 2.25

Cost of seedlings for 2020-21 24.75 per seedling

add 10 % escalation for 2021-22 2.47

Cost of seedlings for 2021-22 27.22 per seedling

add 10 % escalation for 2022-23 2.72

Cost of seedlings for 2022-23 29.95 per seedling

add 10 % escalation for 2023-24 2.99

Cost of seedlings for 2023-24 32.94 per seedling

add 10 % escalation for 2024-25 3.29

Cost of seedlings for 2024-25 36.24 per seedling

add 10 % escalation for 2025-26 3.62

Cost of seedlings for 2025-26 39.86 per seedling

add 10 % escalation for 2025-26 3.99

Cost of seedlings for 2026-27 43.85 per seedling

G. Nagaraj
District Forest Officer, 28/11/19
Chengalpattu Division,
Kancheepuram.

Ad
28/11/19

Model Estimate for 7th Year Maintenance

Size of Polybags : 30x45 cm

Sl. No	Qty		Details of Work	Wages Rate				Amount
				FSR Item No	FSL	Rate	Per	
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	530.01	100 Nos	10600
2	1000	Nos	Pruning side branches twice in a year	LR		430.90	1 No / 75 seedlings	11491
3	LS		Contingencies for application of pesticides etc. and unforeseen items if any					409
TOTAL								22500

Rate calculated for 2018-19 22500

Cost of seedlings for 2019-20 22.50 per seedling

add 10 % escalation for 2020-21 2.25

Cost of seedlings for 2020-21 24.75 per seedling

add 10 % escalation for 2021-22 2.47

Cost of seedlings for 2021-22 27.22 per seedling

add 10 % escalation for 2022-23 2.72

Cost of seedlings for 2022-23 29.95 per seedling

add 10 % escalation for 2023-24 2.99

Cost of seedlings for 2023-24 32.94 per seedling

add 10 % escalation for 2024-25 3.29

Cost of seedlings for 2024-25 36.24 per seedling

add 10 % escalation for 2025-26 3.62

Cost of seedlings for 2025-26 39.86 per seedling

add 10 % escalation for 2026-27 3.986

Cost of seedlings for 2026-27 43.85 per seedling

add 10 % escalation for 2027-28 4.38

Cost of seedlings for 2027-28 48.23 per seedling

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

28/11/19

Model Estimate for 8th Year Maintenance

Size of Polybags :30x45 cm

Wages Rate 430.90

Sl. No	Qty	Details of Work	FSR Item No	FSL	Rate	Per	Amount
1	1000 Nos	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	Pruning side branches twice in a year	LR		430.90	1 No / 75 seedlings	11491
3	LS	Contingencies for application of pesticides etc. and unforeseen items if any					409
TOTAL							22500

Rate calculated for 2019-20 22500

Cost of seedlings for 2019-20 22.50 per seedling

add 10 % escalation for 2020-21 2.25

Cost of seedlings for 2020-21 24.75 per seedling

add 10 % escalation for 2021-22 2.47

Cost of seedlings for 2021-22 27.22 per seedling

add 10 % escalation for 2022-23 2.72

Cost of seedlings for 2022-23 29.95 per seedling

add 10 % escalation for 2023-24 2.99

Cost of seedlings for 2023-24 32.94 per seedling

add 10 % escalation for 2024-25 3.29

Cost of seedlings for 2024-25 36.24 per seedling

add 10 % escalation for 2025-26 3.62

Cost of seedlings for 2025-26 39.86 per seedling

add 10 % escalation for 2026-27 3.99

Cost of seedlings for 2026-27 43.85 per seedling

add 10 % escalation for 2027-28 4.38

Cost of seedlings for 2027-28 48.23 per seedling

add 10 % escalation for 2028-29 4.82

Cost of seedlings for 2028-29 53.05 per seedling

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

[Signature]
28/11/19

Model Estimate for 9th Year Maintenance

Size of Polybags :30x45 cm

Wages Rate 430.90

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

Rate calculated for 2019-20 22500

Cost of seedlings for 2019-20 22.50 per seedling

add 10 % escalation for 2020-21 2.25

Cost of seedlings for 2020-21 24.75 per seedling

add 10 % escalation for 2021-22 2.47

Cost of seedlings for 2021-22 27.22 per seedling

add 10 % escalation for 2022-23 2.72

Cost of seedlings for 2022-23 29.95 per seedling

add 10 % escalation for 2023-24 2.99

Cost of seedlings for 2023-24 32.94 per seedling

add 10 % escalation for 2024-25 3.29

Cost of seedlings for 2024-25 36.24 per seedling

add 10 % escalation for 2025-26 3.62

Cost of seedlings for 2025-26 39.86 per seedling

add 10 % escalation for 2026-27 3.99

Cost of seedlings for 2026-27 43.85 per seedling

add 10 % escalation for 2027-28 4.38

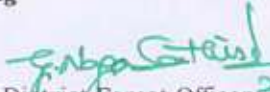
Cost of seedlings for 2027-28 48.23 per seedling

add 10 % escalation for 2028-29 4.82

Cost of seedlings for 2028-29 53.05 per seedling

add 10 % escalation for 2029-30 5.31

Cost of seedlings for 2029-30 58.36 per seedling


 District Forest Officer,
 Chengalpattu Division,
 Chengalpattu.


 28/11/19

Model Estimate for 10th Year Maintenance

Size of Polybags

: 30x45 cm

Wages Rate : Rs. 430.90

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

Rate calculated for 2019-20 22500

Cost of seedlings for 2019-20 22.50 per seedling

add 10 % escalation for 2020-21 2.25

Cost of seedlings for 2020-21 24.75 per seedling

add 10 % escalation for 2021-22 2.47

Cost of seedlings for 2021-22 27.22 per seedling

add 10 % escalation for 2022-23 2.72

Cost of seedlings for 2022-23 29.95 per seedling

add 10 % escalation for 2023-24 2.99

Cost of seedlings for 2023-24 32.94 per seedling

add 10 % escalation for 2024-25 3.29

Cost of seedlings for 2024-25 36.24 per seedling

add 10 % escalation for 2025-26 3.62

Cost of seedlings for 2025-26 39.86 per seedling

add 10 % escalation for 2026-27 3.99

Cost of seedlings for 2026-27 43.85 per seedling

add 10 % escalation for 2027-28 4.38

Cost of seedlings for 2027-28 48.23 per seedling

add 10 % escalation for 2028-29 4.82

Cost of seedlings for 2028-29 53.05 per seedling

add 10 % escalation for 2029-30 5.31

Cost of seedlings for 2029-30 58.36 per seedling

add 10 % escalation for 2030-31 5.84

Cost of seedlings for 2030-31 64.19 per seedling

G. Nagaraj
28/11/19
District Forest Officer,
Chengalpattu Division,
Kancheepuram.

Ad
28/11/19