

**TAMIL NADU FOREST DEPARTMENT**

**From**

Thiru.V.Subbiah I.F.S.,  
District Forest Officer,  
Tiruvallur Forest Division,  
Tiruvallur.

**To**

The Conservator of Forests,  
Chennai Circle,  
Chennai-06

**C.No.2067/2023/D, dated:08.10.2025**

Sir,

Sub: Forest (Conservation) Act - Chennai Circle - Tiruvallur Forest Division -  
Proposal for the Laying of OFC along the road side across the Egumadurai  
RF and Kondamanallur RF in Gummudipoondi Taluk, Thiruvallur District  
for diversion of 0.048 Ha of Reserved Forest land in Egumadurai Reserved  
Forest and Kondamanallur Reserved Forest under the jurisdiction of  
Gummidipoondi Range, Tiruvallur Forest Division- Online submission of  
proposal - Additional details called for -reply submitted - regarding.

- Ref: 1 Online application uploaded by the User agency The State Co-ordinate  
Officer, Jio-Digital Fibber Private Limited, Chennai-4 Ref.  
No. FP/TN/Others/40414/2019 Dt: 19.06.2019 and replied on  
23.08.2024
- 2 This office Ref No.2067/2023/D dt: 20.02.2025 and  
14.05.2025,02.08.2025 and 10.09.2025
- 3 The Chief Conservator of Forests, Chennai Circle, Ref No.01/2025/D  
dt: 07.03.2025 and 10.07.2025, 22.08.2025
- 4 State Co-ordinate Officer, Jio-Digital Fibber Private Limited, Chennai-4  
letter dt: 19.09.2025

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In continuation of this office reference 2<sup>nd</sup> cited dt: 02.08.2025 the  
clarification called for in the reference 3<sup>rd</sup> cited dt:22.08.2025is submitted  
as detailed below.

1. The Survey of India Topo sheet No. D4403 and D4404 showing the OFC cable passing through kondamanallur RF and Egumadurai RF received from the Forest Range Officer Gummidipoondi duly countersigned by me is submitted for kind perusal.
2. The Specific recommendation in the revised site inspection report has been incorporated and submitted for kind perusal.
3. In response to specific recommendation for the above project in the revised site inspection report it is submitted that the user agency was requested to furnish the Specific necessity for laying the OFC along the Forest road in Kondamanallur and Egumadurai RF, the user agency in the reference 4<sup>th</sup> cited furnished details with a request to recommend the proposal (copy enclosed). Based on the facts reported by the user agency I have submitted the revised site inspection report incorporating the details for the necessity for laying the OFC along the Forest road in Kondamanallur and Egumadurai RF.

The proposal for the diversion of the Forest area may kindly be considered.

Yours faithfully

District Forest Officer  
Tiruvallur Division  
Tiruvallur

## **Revised Site Inspection Report**

The State Co-ordinate Officer, Jio-Digital Fibre Private Limited, No.89, Dr. Radhakrishnan Salai, Mylapore, Chennai-4 has submitted a proposal for the Laying of OFC along the road side across the Egumadurai RF and Kondamanallur RF in Gummudipoondi Taluk, Thiruvallur District for diversion of 0.048 Ha of Reserved Forest land in Egumadurai Reserved Forest and Kondamanallur Reserved Forest under the jurisdiction of Gummidipoondi Range, Tiruvallur Forest Division, Tiruvallur District. The proposed project site was inspected on 08.10.2024 and re-inspected on 01.10.2025 along with Range Field Staff.

The user agency has proposed OFC corridor in two locations in Egumadurai and Kondamanallur Reserve Forest in this proposal.

1.The user agency proposed in Egumadurai Reserve Forest for the length of 910.00 m and width of 0.30 m an area of 0.027 ha. The Egumadurai Reserved Forest was notified as Reserved Forest under Section 16 of Tamil Nadu Forest Act, 1882 with an extent of 133.525 Ha. The Forest type of '*southern tropical thorn scrub Forest.*' is found distributed in the Reserve Forest area. The forest is found to be degraded with canopy density. The density class is Moderately Dense with eco-value IV. The wild animals such as wild boar, porcupine, hares, jackals etc., are found in the Forest area. The user agency proposed OFC corridor for Egumadurai Reserve Forest is passing through existing road of reserve forest for the length of 910.00 m and width of 0.30 m an area of 0.027 ha. The existing road is not approved Right of way. As the proposed OFC Laying is on the existing road there will be no felling/disturbance/loss to the vegetation. No felling of spontaneous tree is involved in the project area. The user agency has requested land transfer area for the proposed Transmission Corridor does not involve forest tribal rights.

2.The user agency proposed in Kondamanallur Reserve Forest for the length of 610.00 m and width of 0.30 m an area of 0.018 ha. The Kondamanallur Reserved Forest was notified as Reserved Forest under Section 16 of Tamil Nadu Forest Act, 1882 with an extent of 58.93 Ha. The Forest type of '*southern tropical thorn scrub Forest.*' is found distributed in the Reserve Forest area. The forest is found to be degraded with canopy density. The density class is Moderately Dense with eco-value IV. The wild animals such as wild boar, porcupine, hares, jackals etc., are found in the Forest area. The user agency proposed OFC corridor for Kondamanallur Reserve Forest is passing

through existing road of reserve forest for the length of 610.00 m and width of 0.30 m an area of 0.018 ha.. The existing road is not approved Right of way. As the proposed OFC Laying is on the existing road there will be no felling / disturbance/loss to the vegetation. No felling of spontaneous tree is involved in the project area.

The user agency has requested land transfer area for the proposed Transmission Corridor does not involve forest tribal rights.

The user agency has requested land transfer area for the proposed for OFC corridor details as follow.

Sl. No.	Location	Name of Reserve Forest	Length (M)	Width (M)	Area (sqm)	Area (Ha)
1	Egumadurai	Egumadurai RF	910.00	3.00	273.00	0.027
2	Kondamanallur	Kondamanallur RF	610.00	3.00	183.00	0.018
<b>Total</b>						<b>0.045</b>

The proposed work of laying optical Fibre cable in the Existing roads is not approved right of way in the Notification.

The proposed work of laying Optical Fibre Cable along the existing forest roads will bring immense benefits to the villages, industries, and educational institutions in and around Egumadurai and Kondamanallur in Gummidipoondi Taluk. This facility will also play a crucial role in supporting broadband-related telecom services such as work-from-home and online education, where high-speed data connectivity is essential.

Furthermore, these telecommunication cables carry communication for Government Offices (both State and Central), Defence and Strategic Establishments, various industrial organizations, and the general public, ensuring safety and confidentiality.

The State-coordinator Jio Cable Private Limited has submitted a letter dated 19.9.2025. The proposal has been examined with reference to the said letter, and since the work involves public interest on a larger scale by facilitating improved communication infrastructure benefiting the general public, industries, and government establishments, I am of the considered opinion that the proposal may be recommended.

District Forest Officer  
Tiruvallur Division  
Tiruvallur.

## **Recommendation of District Forest Officer**

The State Co-ordinate Officer, Jio-Digital Fibre Private Limited, No.89, Dr. Radhakrishnan Salai, Mylapore, Chennai-4 has submitted a proposal for the Laying of OFC along the road side across the Egumadurai RF and Kondamanallur RF in Gummudipoondi Taluk, Thiruvallur District for diversion of 0.045 Ha of Reserved Forest land in Egumadurai Reserved Forest and Kondamanallur Reserved Forest under the jurisdiction of Gummidipoondi Range, Tiruvallur Forest Division, Tiruvallur District..

The user agency has proposed OFC corridor in two locations in Egumadurai and Kondamanallur Reserve Forest in this proposal. The proposed Forest Land diversion for carrying out the Laying of OFC involves forest area to an extent 0.027 Ha of Egumadurai Reserved Forest and 0.018 Ha of Kondamanallur Reserved Forest for the total area of 0.045 Ha. The proposed diversion of Forest Land does not lie in the Protected Area. The proposed site is situated about 20km away from Pulicat wildlife sanctuary. The diversion of the forest land is found to be bare minimum area. The user agency has proposed OFC corridor in two locations in Egumadurai and Kondamanallur Reserve Forest area through existing road, it is not approved Right of way. As the proposed OFC Laying is on the existing road there will be no felling /disturbance/loss to the vegetation. No felling of spontaneous tree is involved in the project area. The user agency has requested land transfer area for the proposed Transmission Corridor does not involve forest tribal rights.

The user agency has requested land transfer area for the proposed for OFC corridor details as follow.

<b>Sl. No.</b>	<b>Location</b>	<b>Name of Reserve Forest</b>	<b>Length (M)</b>	<b>Width (M)</b>	<b>Area (sqm)</b>	<b>Area (Ha)</b>
1	Egumadurai	Egumadurai RF	910.00	3.00	273.00	0.027
2	Kondamanallur	Kondamanallur RF	610.00	3.00	183.00	0.018
			<b>Total</b>			<b>0.045</b>

Considering the above views, the diversion of 0.045 Ha. of Forest Land in Egumadurai and Kondamanallur Reserve Forest under the jurisdiction of Gummidipoondi range, Tiruvallur Forest Division is recommended, since the

Recommendation of District Forest Officer

proposed work of laying optical fibre cable in the Existing roads are below the ground, though the roads are not approved right of way in the Notification. This OFC network is essential as it enables the connection of larger number of villages thereby expanding the reach of high-speed internet and improved telecommunication services benefiting the general public.

Hence the proposal is recommended

District Forest Officer  
Tiruvallur Division  
Tiruvallur

Sl. No.	Location	Name of Reserve Forest	Length (km)	Width (m)	Area (hect)	Area (ha)
1	Egmondalur	Egmondalur RF	1.10	3.00	33.00	0.33
2	Kodambalur	Kodambalur RF	0.10	4.50	45.00	0.45
		Total				0.78

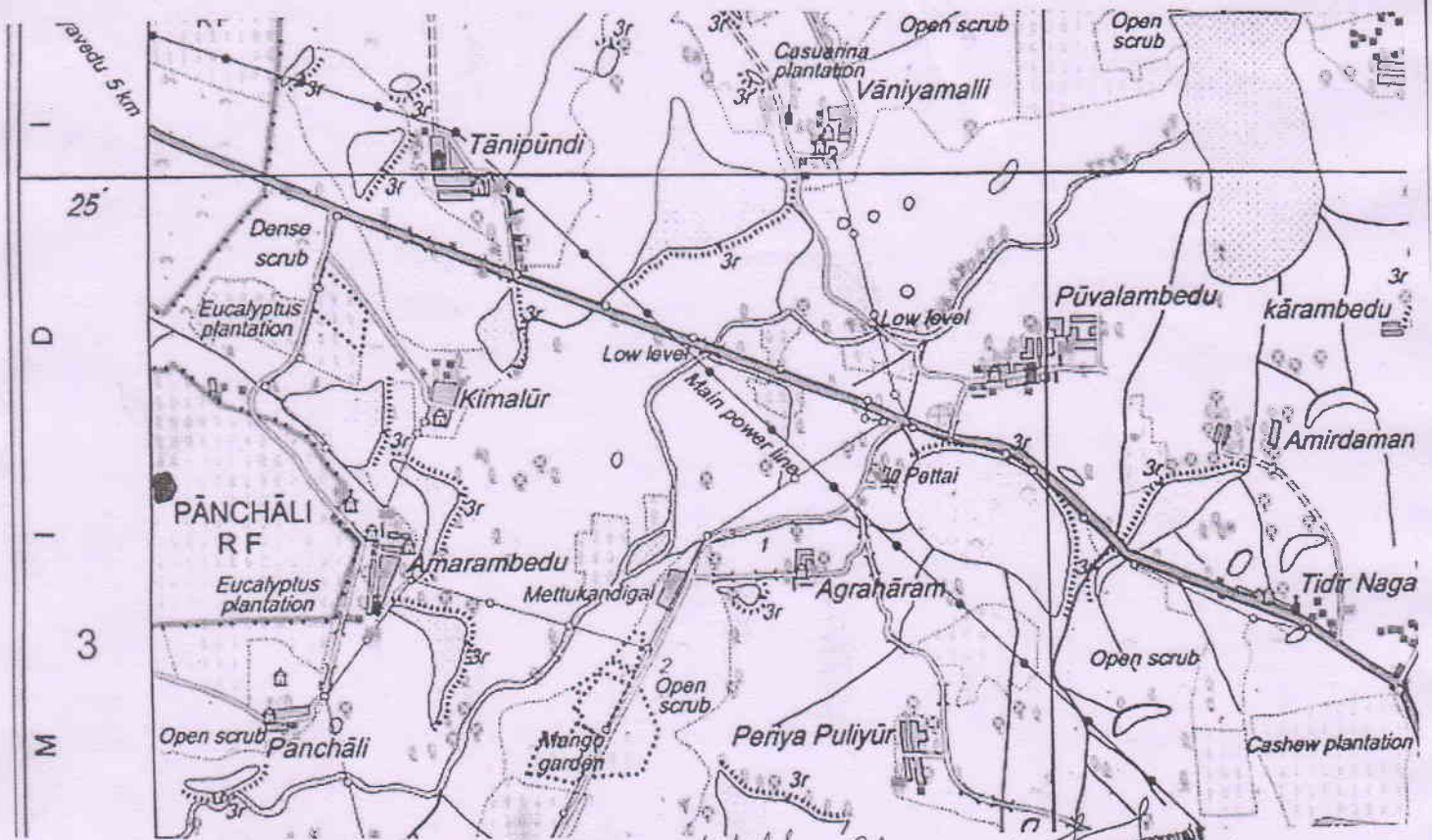
Considering the above given the diversion of 0.78 ha of forest land in Egmondalur and Kodambalur Reserve Forest under the jurisdiction of Tiruvallur Forest Division is recommended.

## **Site Suitability Certificate for Compensatory Afforestation**

Degraded forest area has been identified in panchalai Reserved Forest of Gummidipoondi Range for Planting 100 nos. of seedlings to be planted for compensatory Afforestation in panchalai RF for the proposed work of Laying of OFC along the road side across the Egumadurai RF and Kondamanallur RF in Gummidipoondi Taluk Thiruvllur District for diversion of 0.045 Ha of Reserve Forest land in Egumadurai RF and Kondamanallur RF under the jurisdiction of Gummidipoondi Range, Thiruvallur Forest Division, Thiruvllur District. It is Certified that the Degraded Forest Land Identified is fit for raising Compensatory Afforestation.

District Forest Officer  
Thiruvallur

SI. sheet No. DA403 - 66C3

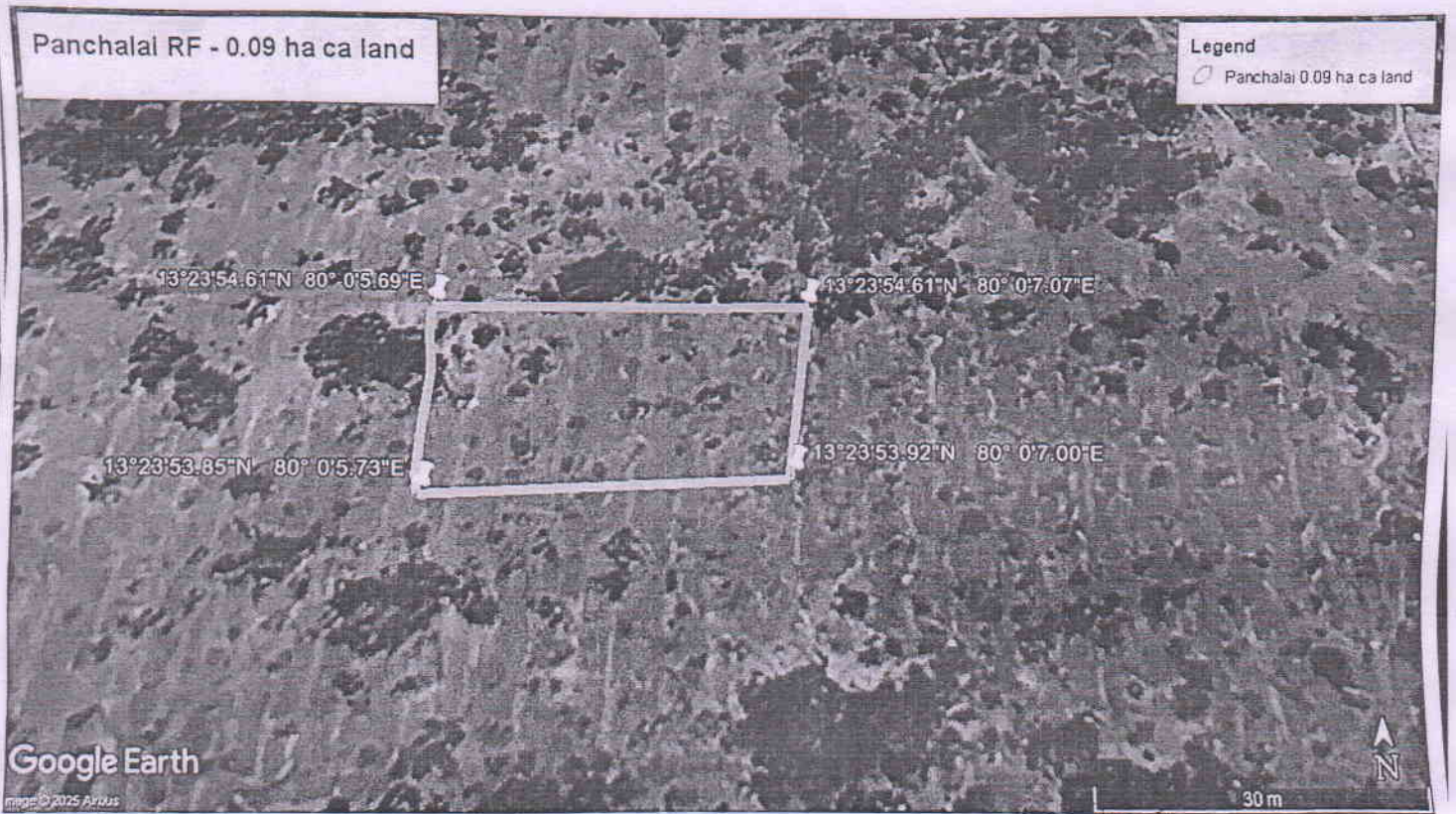


■ Degraded forest areas selected for CA

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കുമ്പളപ്പുഴ റെവന്യൂ  
(C) 1981

*Countersign*

**District Forest Officer  
Thiruvallur Division  
Thiruvallur**

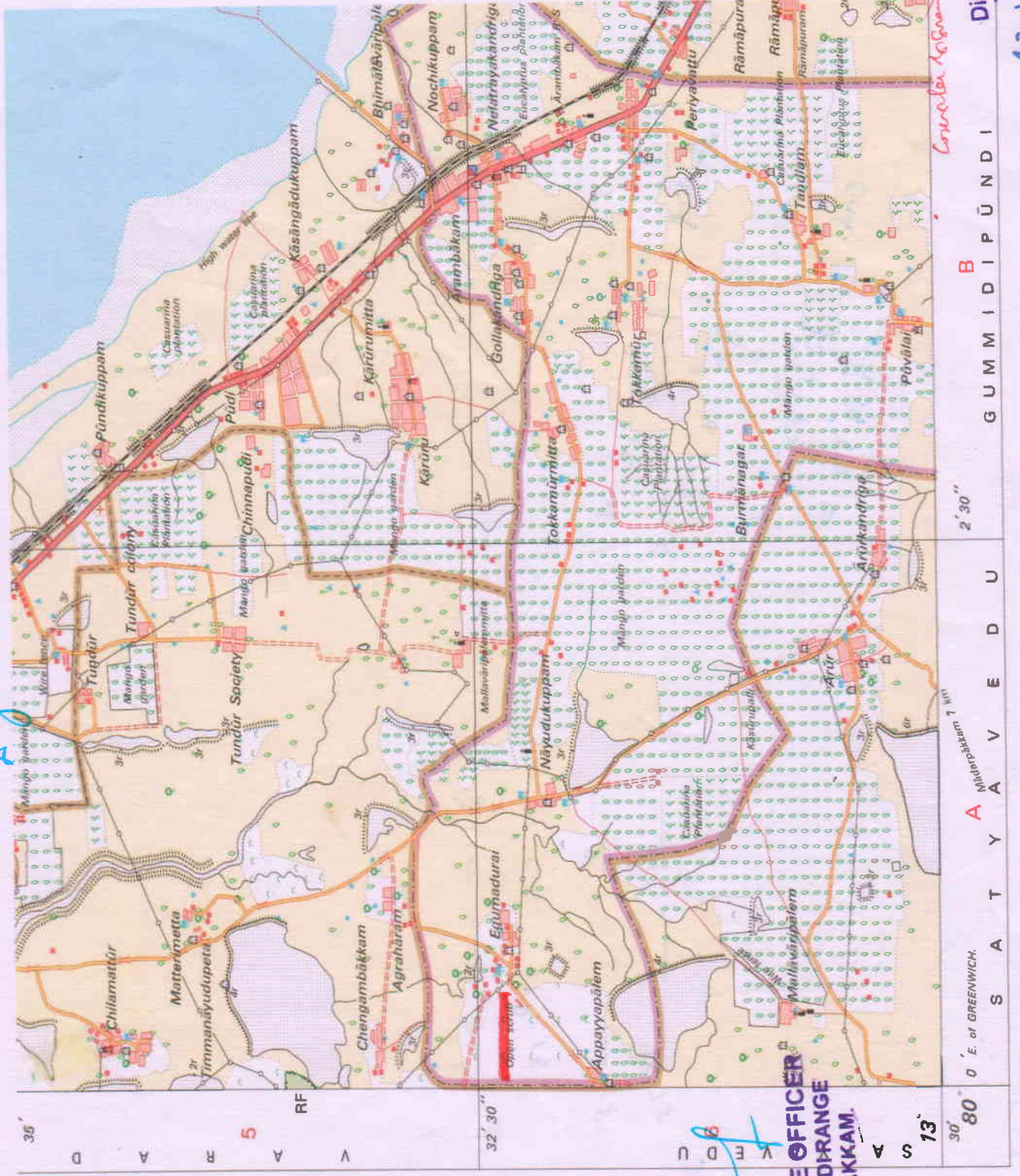


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*Chenbittan*

*h*  
 District Forest Officer  
 Thiruvallur Division  
 Thiruvallur

J10 OFC cable laying project Runing through Egnandurasi RF



J10 OFC cable laying project Run

**FOREST RANGE OFFICER**  
**GUMMIDIPOONDURANGE**  
**MADARPAKKAM.**

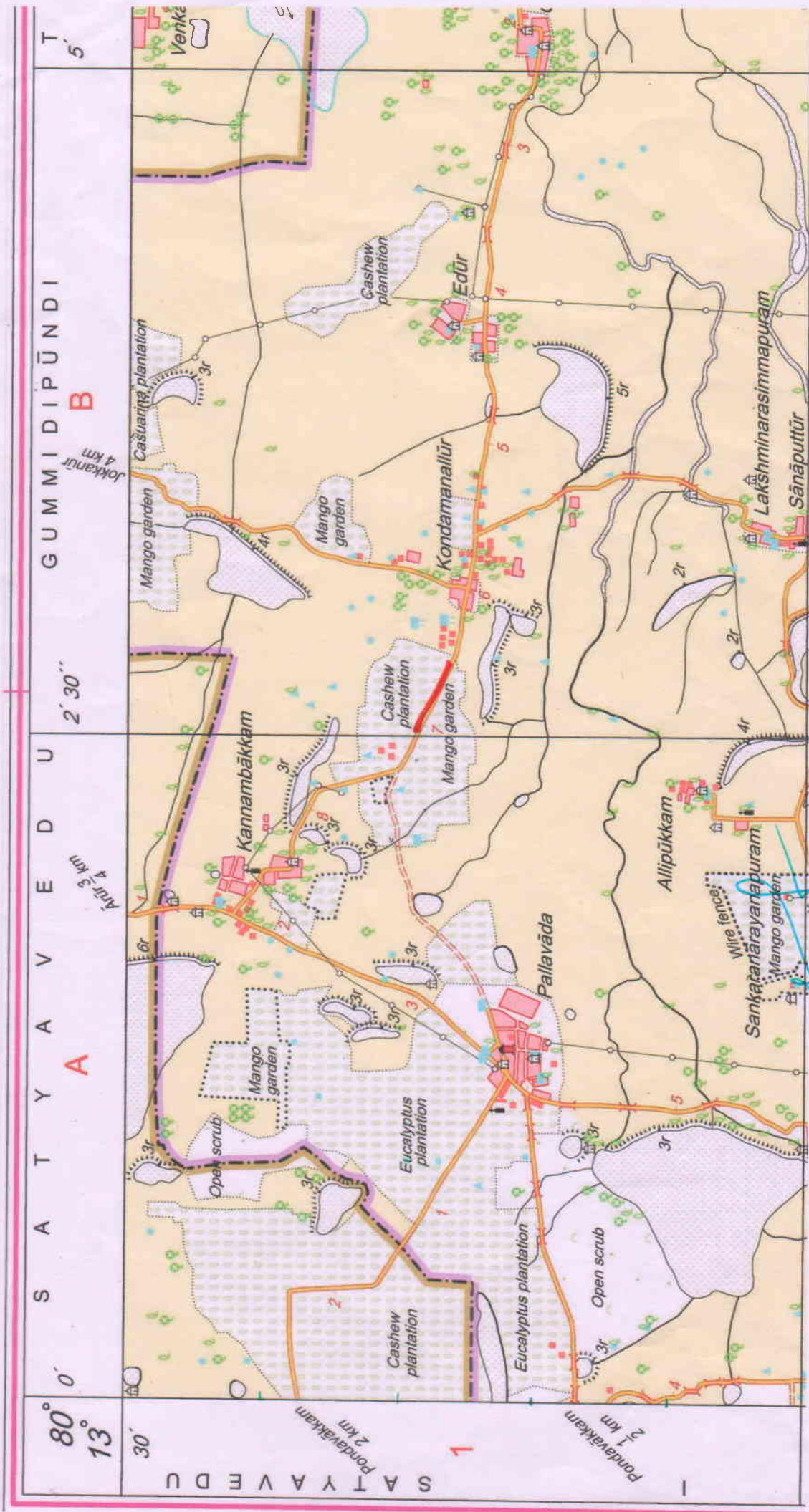
District Forest Officer  
 Tiruvallur Division  
 Tiruvallur

S A T Y A V E D U 2' 30" G U M M I D I P U N D I

36° 30' 00" E. of GREENWICH.

S1 map Series - D4403

Jio Otc cable laying project through Kondamanallur R.R.



FOREST RANGE OFFICER  
 GUMMIDIPOONDI RANGE  
 @ MADARIPAKKAM.

Jio otc cable laying project  
 project trees  
 District Forest Officer  
 Tiruvallur Division  
 Tiruvallur

**DETAILS OF FINANCIAL OUTLAY FOR COMPENSATORY AFFORESTATION**

Sl. No	Details	Physcial Target	Unit Cost	Amount	Remarks			
1	CA SCHEME FOR PLANTING 100 NOS.OF SAPLINGS IN THE DEGRADED FOREST AREA AT PANCHALI RESERVE FOREST 0.09 Ha FOR THE REGENERATION							
a.	Raising (2026-27)	100 Nos	172.66	/ 1 No	17266	100 Seedlings are proposed to be planted in Panchali RF degraded forest area and it will be maintained for a period of 10 years		
c.	Planting(2027-28)		815.40	/ 1 No	81540			
d.	1 <sup>st</sup> year(2028-29)		435.07	/ 1 No	43507			
e.	2 <sup>nd</sup> year(2029-30)		338.78	/ 1 No	33878			
f.	3 <sup>rd</sup> year(2030-31)		372.66	/ 1 No	37266			
g.	4 <sup>th</sup> year (2031-32)		16.10	/ 1 No	1610			
h.	5 <sup>th</sup> year(2032-33)		17.71	/ 1 No	1771			
i.	6 <sup>th</sup> year (2033-34)		19.49	/ 1 No	1949			
k.	7 <sup>th</sup> year (2034-35)		21.43	/ 1 No	2143			
l.	8 <sup>th</sup> year(2035-36)		23.58	/ 1 No	2358			
m.	9 <sup>th</sup> year (2036-37)		25.94	/ 1 No	2594			
n.	10 <sup>th</sup> year (2037-38)		28.53	/ 1 No	2853			
				<b>Sub Total</b>			<b>228735</b>	

District Forest Officer,  
Tiruvallur Division,  
Tiruvallur

## Model Estimate for Raising Nursery

**Size of Polybags**

**No of Seedlings**

**1000**

**(+) Replacement casualties**

**100**

**Total**

**1100**

**Period of Nursery: 10 Months**

**Wages Rate 2025-26: Rs.**

**676.45**

Sl. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Unit	Amount
<b>NURSERY OPERATIONS FOR 13x25cm</b>									
1	150	M2	Preparation of Nursery site by Clearing and levelling the site for forming standard bed of size 10mx1m	FSR 2025-26 4.1	2.42	1637.01	200.00	M2	1228
2	2.2	kg	Cost of Seeds (2Kgs/1000 Nos)	Campa M.E 2022-23		250	1	kg	550
3	1100	Nos	Cost of 13x25cmx250G polybags( inclu.GST 18%)	Tender rate 2022-23		962	1000	Nos	1058
4	1.00	Bed	Formation of germination beds of size 10x1x3 m	FSR 2025-26 4.4	2	1352.90	1.00	NO	1353
5	1.0	Beds	Watering the Germination Beds twice daily with rose can (15days)	4.5.1	0.82	554.69	10	Beds	832
6	1.0	Beds	Watering the germination beds once daily with rose can (15days)	4.5.2	0.41	277.34	10.00	Beds	416
7	0.903	Cu.m	Collection and supply of sand silt and red soil according the requirement of preparation of soil mixture 3/4th of total volume (0.84 M3/1000 Nos)	Nabard M.E 2022-23		1500.00	1 CUM	Cu.m	1355
8	0.308	Cu.m	Collection and transport of farm yard manure filling bags 1/4th of total volume (0.28M3/1000 Nos)	Nabard M.E 2022-23		1500.00	1 CUM	Cu.m	462
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(excluding cost of soil mixture and FYM)	4.6.4	4.48	3030.50	1000.00	Nos	3334
10	28.00	Kgs	Cost of Vermicasting @ per 25gm /seedlings	As per Research Wing Rate	-	10.00	1.00	Kgs	280
11	11.00	Kgs	Cost of VAM @ 10gm per /seedlings		-	18.00	1.00	Kgs	198

SI. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Unit	Amount
12	6.00	Kgs	Cost of Azospirillum @ 5 per 5gm/ seedlings	As per Research Wing Rate		27.00	1.00	Kgs	162
13	6.00	Kgs	Cost of Phosphobacteria @ per 5gm/ seedlings			27.00	1.00	Kgs	162
14			Watering the container plants with rose cans						
a	1100	Nos	Twice daily 15 days	4.10.4	0.23	155.58	1000.00	Nos	2567
b	1100	Nos	Once daily 30days	4.11.4	0.115	77.79		Nos	2567
c	1100	Nos	Alternate days spread over 30 days (Effective days -15)		0.115	77.79		Nos	1284
15	1100	Nos	Cost of water for watering the container seedlings - 60 watering days	4.18 -FSR 1998-99		0.85	1000.00	Nos	56
16	1100	Nos	Land rent @ 3000 bags/40 sq.m - 3 Months	4.17	LR	100.00	40 sq.m/months		568
	73.33	M2/ 3 Months							
17	1100	Nos	Shifting the container plants weeding grading and replacement of casualities in the bags (shifting to done once in 21dyas, first shiting not before 45days after pricking out )2 shifts	4.15.4	0.51	344.99	1000.00	Nos	759
<b>PART II - Bigger size bags : 30x45cmx600g</b>									
18	1100	Nos	Cost of 30x45cmx600G polybags( inclu.GST 18%)	Tender rate - 2022-23		9257.00	1000	Nos	10183
19	10.15	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 earth in 13x25 cm container)( @9.23 Cu.m/1000 Nos )	Nabard M.E 2022-23		1500.00	1	M3	15225
20	2.541	M3	Cost of transport of Farm yard manure for filling bags 1/5th of total volume. (@2.31 Cu.m/m 1000 Nos )			1500.00	1	M3	3812
21	1100	Nos	Preparation of soil mixture by breaking clods,seiving, mixing redsoil, silt and sand according to requiements and farmyard manure in the ratio of 4:1.heaping at the filling site and filling site in poly bags, arranging bags in beds and pricking out the seedling (excluding cost of soil mixture and FYM)	4.6.7	28.57	19326.18	1000	Nos	21259

Sl. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Unit	Amount
22	39.00	Kgs	Cost of Vermicasting @ 35gm / seedlings	As per Research Wing Rate	-	10.00	1.0	Kgs	390
23	17.00	Kgs	Cost of VAM @ 15 gm / seedlings		-	18.00	1.0	Kgs	306
24	7.00	Kg	Cost of Azospirillum @ 6gm/ seedlings	As per Research Wing Rate	-	27.00	1.0	Kg	189
25	7.00	Kg	Cost of phosphobacteria @ 6gm/seedlings		-	27.00	1.0	Kg	189
26	11.00	Maz	Labour cost of transplanting seedlings from 13x25 cm container bags into 30x45 cm containers 10maz/1000	CAMPA ME-2022-23	-	676.45	1.0	Maz	7441
27	1100	Nos	Cost of vertical strick ( Casurina poles 5 cm - 8 cm girth and 1.00 m Height for each plants)	PWD SOR 2024-25	-	17.50	1.0	Nos	19250
28	550	Nos	Cost of Horizontal strick ( Casurina poles 5 cm - 8 cm girth and 1.00 m Height for each plants)	PWD SOR 2024-25	-	17.50	1.0	Rm	9625
29	1100	Nos	Tying plants to vertical stick once in a month - 2 times	CAMPA ME-2022-23	-	0.40	1.00	Nos	440
30	1100	Nos	Pruning side branches once in 2 months - 2 times	CAMPA ME-2022-23	-	1.00		Nos	1100
31			Watering the container plants with rose can						
a	1100	Nos	Twice daily - 15days	4.10.7	0.56	378.81	1000	Nos	6250
b	1100	Nos	Once daily - 30 days	4.11.7	0.28	189.41	1000	Nos	6250
c	1100	Nos	Once in alternate days - spread over 60 days (Effective days - 30days)	4.11.7	0.28	189.41	1000	Nos	6251
d	1100	Nos	Twice in a week spread over 105 days (Effective days - 30days)	4.11.7	0.28	189.41	1000	Nos	6251
32	1100	Nos	Land rent @ 500 bags/40 sq.m - 7 Months	4.17	LR	100.00	40 sq.m/months		1324
		M2/7 months							
33	1100	Nos	Shifting the container plants weeding grading and replacement of casualities in the bags -shifting to done once in 21days - 7 shifts	4.15.7	2.69	1819.65	1000	Nos	14011
34	1100	Nos	Cost of water for watering the container - 105 watering days	4.18 - FSR 1998-99	-	1.60	1000	Nos	185

Sl. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Unit	Amount
35	1	Nos	Nursery protection mazdoors 1 No / 100000 Nos of 30 x 45 cm bags - 300 days.(90d+210d)	4.17-FSR 1998-99	1	676.45	100000/M	Nos	2232
36	5	Months	Provision for cost of pesticides and fungasides and Labour charges for application of pesticides - 2 times / month	LR	-	200	1	Months	3000
37	LS		Photo & Documentations ect			LS			1100
38	LS		Contingencies unforeseen items			LS			1510
<b>TOTAL</b>									<b>156962</b>

Rate calculated for 2024-25 for 1000 nos for Rs 156962

**1 seedling Rate for 2025-26 Rs 156.96 Per seedling**

Add 10% for 2026-27 **15.70**

**1 seedling Rate for 2026-27 Rs 172.66 Per seedling**

District Forest Officer,  
Tiruvallur Division,  
Tiruvallur

### Model Estimate for Planting

**Size of Polybags** : 30x45 cm  
**No of Seedlings** : 1000  
**Wages Rate-2025-26** : Rs. 676.45

Sl. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
1	1000	Nos	Aligning and Marking in plantation area	5.2.4	1.38	933.5	100	9335
2	1000	Nos	Digging of 60cm <sup>3</sup> pits in all types of soil during non rainy season	as per based on FSR 5.8.1	9.26	6263.93	100 Nos	62639
3	72	M3	Cost and transport of farmyard manure each plant (0.60x0.60x0.20=0.072x1000= 72 m3)	Nabard M.E 2022-23	-	1500	1 M3	108000
4	1000	Nos	Application of Farm yard manure by mixing in the pit before planting - 1 mazdoor for 200 Nos	FSL wage rate	1	676.45	200 Nos	3382
5	1000	Nos	Cost of Bio fertilizer including cost of application - Vermicompost - 1kg, Bio Fertilizer - 100 gms, VAM - 100 gms	NHAI ME	-	7.70	1 No	7700
6	1100	Nos	Transport of saplings (transported to the radius of 40 kms) Excluding load and unloading charges by Private Vehicle	NHAI ME	-	7.00	1 No	7700
7	1100	Nos	Loading & Unloading the Container seedlings(30 x45cm ) in private lorry upto a lead of 2kms excluding hire charges for the vehicles	5.11.7	3.29	2225.52	1000 Nos	2448
8			Distribution of saplings from where seedlings are stocked to the planting spot upto 500mts.					
a	550	Nos	Upto 100 m	5.15.1	10	6764.50	1000 Nos	3720
b	550	Nos	Upto 200 m	5.15.2	17.5	11837.88	1000 Nos	6511
c	275	Nos	Upto 500 m	5.15.3	41	27734.45	1000 Nos	7627
9	1000	Nos	Planting the Container plants by refilling pits of size 60 cm <sup>3</sup>	as per based on FSR 5.22	1.71	1156.73	100 Nos	11567
10	2500	RM	Provision of vertical casurina poles 5cm to 8cm girth and 2.50 m height per plant	PWD SSR 2025-26		17.50	each	43750
11	100	Nos	Replacement of casualities by reopening failed pits and planting the saplings (1/2 pitting rate on rainy days + full planting rate)	5.23	6.34	4288.70	100 Nos	4289
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.	5.24	1.23	832.03	100 Nos	8320
13	1000	Nos	Forming catch water drains for each plant in plains 90 cm x 45 cm x 30 cm size in hillocks and hard gravelly soil	5.26	6.84	4626.92	100 Nos	46269
14	1000	Nos	Providing Brush wood fencing around each plants	-	0.25	169.11	1	169110

Sl. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
15	1000	Nos	Watering the plants once in 6 days during non rainy period (from January to March ) 200 Plants per mazdoor - 15 watering days	NHAI ME		488.25	200 Nos	36619
16	300000	Ltrs	Cost of water @ 20 liter per seedlings 15 watering days (1000x20x15=300000Ltrs)	NHAI ME		1200.00	12000 Ltrs	30000
17	1	Nos	Plantation Protection mazdoor from Octeber to March - 180m days.	Wages rate	1	676.45	1M	87885
18	1000	Nos	Removing /scrapping vizal monsoon or bothai grass for one meter dia around the plants	5.27	0.21	142.05	100 Nos	1421
19	5	Months	Provision for cost of pesticides and fungaside and labour charges for application of pesticides - 2 times /month	LR		200.00	1 time	2000
20		LS	Photo and Documentation ect.,				LS	1500
21		LS	Contingencies and unforeseen expenditure to be restricted to as per actual.				LS	12095
<b>TOTAL</b>								<b>673888</b>

Rate calculated for 2025-26 for 1000 nos for Rs 673888

**Cost of seedlings for 2025-26 673.89 per seedling**

Add 10 % escalation for 2026-27 67.39

**Cost of seedlings for 2026-27 741.28 per seedling**

Add 10 % escalation for 2027-28 74.13

**Cost of seedlings for 2027-28 815.40 per seedling**

District Forest Officer,  
Tiruvallur Division,  
Tiruvallur

## Model Estimate for 1<sup>st</sup> Year Maintenance

Size of Polybags :30x45cm

Raising Target                      1000 Nos

Replacement of Casualties : 10%                      100 Nos

Wages Rate-2025-26                      Rs. 676.45

SI. No	Qty	Details of Work	FSR Item No	FSL	Rate	Per	Amount
<b>A. NUSERY OPERATION</b>							
1	100 Nos	Raising cost of seedlings in 30 x 45 size polythene bags(As per nursery estimate)	As per nursery estimate	-	156.96	1 No	15696
<b>B.PLANTING OPERATION</b>							
1	100 No 7.2 M3	Cost and transport of Farm yard manure each plants 0.60x0.60x0.20=0.072m3/pit	Nabard M.E 2022-23		1500.00	1 m3	10800
2	250 Nos	Application of Farm yard manure by mixing in the pit before planting - 1 mazdoor for 200 Nos	FSL wages rate	-	676.45	200 Nos	846
3	100 Nos	Transporting saplings( transported in the radius of 40 kms )excluding loading and unloading in Private vehicle	NHAI ME	-	7.00	1	700
4	100 Nos	Loading and Unloading the container seedlings (30x45cm) in private lorry upto a lead of 2kms (excluding hire charges for the vehicles)	5.11.7	3.29	2225.52	1000 Nos	223
5		Distribution of seedlings in the site C. plants upto 500mtrs - in plains					
a	100 Nos	Upto 100mt	5.15.1	10	6764.50	1000 Nos	676
b	100 Nos	Upto 200mt	5.15.2	17.5	11837.88	1000 Nos	1184
c	100 Nos	Upto 500mt	5.15.3	41	27734.45	1000 Nos	2773
6	100 Nos	Replacement of casualties by reopening failed pits and planting the seedlings	5.23	5.57	4288.70	100 Nos	4289
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	5.24	1.23	832.03	100 Nos	8320

SI. No	Qty	Details of Work	FSR Item No	FSL	Rate	Per	Amount
8	1000 Nos	Cost of Bio Fertilizers including cost of application Vermi-compose 1 kg, Bio fertilizer 100 gms VAM 100 gms	NHAI ME		7.70	1	7700
9	600000 Ltrs	Cost of water @ 20 liter per seedling 30 watering days (5000x20x30=600000Ltrs)	NHAI ME		1200.00	12000 Ltrs	60000
10	1000 Nos	Watering the plants once in 6 days (excluding rainy days) from April to June & January to March @ one mazdoor for 200 plants/watering day- (15+15 = 30 watering days)	4.11.7	0.28	676.45	200	6765
11	1 No	Engaging protection Mazdoor @1 Mazdoor from April to March -12 months(25days /month)	FSR wage rate		676.45	1	202935
12	LS	Contingencies and unforeseen expenditure to be restricted to as per actual.					3969
<b>TOTAL</b>							<b>326875</b>

Rate calculated for 2025-26 for 1000 nos for Rs **326875**  
 Cost of seedlings for 2025-26 **326.88 per seedling**  
 Add 10 % escalation for 2026-27 32.69  
**Cost of seedlings for 2026-27 359.56 per seedling**  
 Add 10 % escalation for 2027-28 35.96  
**Cost of seedlings for 2027-28 395.52 per seedling**  
 Add 10 % escalation for 2028-29 39.55  
**Cost of seedlings for 2028-29 435.07 per seedling**

District Forest Officer,  
 Tiruvallur Division,  
 Tiruvallur

## Model Estimate for 2<sup>nd</sup> Year Maintenance

Size of Polybags :30x45cm

Raising Target                      1000 Nos

Replacement of Casulaties : 10%                      100 Nos

Wages Rate-2025-26                      Rs. 676.45

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	5.24	1.23	832.03	100 Nos	8320
2	1000 Nos	Cost of Bio Fertilizers including cost of application Vermi-compose 1 kg, Bio fertilizer 100 gms VAM 100 gms	NHAI ME	-	7.70	1kg	7700
3	600000 Ltrs	Cost of water @ 20 liter per seedlings 30 watering days (1000x20x30=600000Ltrs)	NHAI ME	-	1200.00	12000 Ltrs	60000
4	1000 Nos	Watering the plants once in 6 days (excluding rainy days) from April to June & January to March @ one mazdoor for 200 plants/watering day- (15+15 = 30 watering days)	4.11.7		676.45	200 Shift	101468
5	1 Nos	Engaging protection Mazdoor @1 Mazdoor (3 months) (25days /month)	FSR wage rate-2025-26	-	676.45	1	50734
6	LS	Contingencies for application of pesticides etc. and unforeseen items if any			LS		3169
<b>TOTAL</b>							<b>231391</b>

Rate calculated for 2025-26 for 1000 nos for Rs 231391

**Cost of seedlings for 2025-26    231.39 per seedling**

Add 10 % escalation for 2026-27    23.14

**Cost of seedlings for 2026-27    254.53 per seedling**

Add 10 % escalation for 2027-28    25.45

**Cost of seedlings for 2027-28    279.98 per seedling**

Add 10 % escalation for 2028-29    28.00

**Cost of seedlings for 2028-29    307.98 per seedling**

Add 10 % escalation for 2029-30    30.80

**Cost of seedlings for 2029-30    338.78 per seedling**

District Forest Officer,  
Tiruvallur Division,  
Tiruvallur

## Model Estimate for 3<sup>rd</sup> Year Maintenance

Size of Polybags :30x45cm


Raising Target      1000 Nos

Replacement of Casualties : 10%      100 Nos

Wages Rate 2025-26      Rs. 676.45

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	832.03	100 Nos	8320	
2	1000 Nos	Cost of Bio Fertilizers including cost of application Vermi-compost 1 kg, Bio fertilizer 100 gms VAM 100 gms	NHAI ME	-	7.70	1kg	7700	
3	600000 Ltrs	Cost of water @ 20 liter per seedling 45 watering days (20x1000x30=600000Ltrs)	As per ME	-	1200.00	12000 Ltrs	60000	
4	1000 Nos	Watering the plants once in 6 days (excluding rainy days) from April to June & January to March @ one mazdoor for 200 plants/watering day- (15+15 = 30 watering days)	4.11.7	0.28	676.45	200 shift	101468	
5	1 Nos	Engaging protection Mazdoor @1 Mazdoor (3 months) (25days /month)	FSR wage rate 2025-26	-	676.45	1 Nos	50734	
6	LS	Contingencies for application of pesticides etc. and unforeseen items if any	LS				-	3169
<b>TOTAL</b>							<b>231391</b>	

Rate calculated for 2025-26 for 1000 nos for Rs	231391
<b>Cost of seedlings for 2025-26</b>	<b>231.39 per seedling</b>
Add 10 % escalation for 2026-27	23.14
<b>Cost of seedlings for 2026-27</b>	<b>254.53 per seedling</b>
Add 10 % escalation for 2027-28	25.45
<b>Cost of seedlings for 2027-28</b>	<b>279.98 per seedling</b>
Add 10 % escalation for 2028-29	28.00
<b>Cost of seedlings for 2028-29</b>	<b>307.98 per seedling</b>
Add 10 % escalation for 2029-30	30.80
<b>Cost of seedlings for 2029-30</b>	<b>338.78 per seedling</b>
Add 10 % escalation for 2030-31	33.88
<b>Cost of seedlings for 2030-31</b>	<b>372.66 per seedling</b>

  
 District Forest Officer,  
 Tiruvallur Division,  
 Tiruvallur

## Model Estimate for 4<sup>th</sup> Year Maintenance

Size of Polybags :30x45cm

Raising Target 1000 Nos

Replacement of Casualties : 10% 100 Nos

Wages Rate-2025-26 Rs. 676.45

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	5.24	1.23	832.03	100 Nos	8320	
2	LS	Contingencies for application of pesticides etc. and unforeseen items if any	LS					770
<b>TOTAL</b>							<b>9090</b>	

Rate calculated for 2025-26 for  
1000 nos for Rs 9090

**Cost of seedlings for 2025-26 9.09 per seedling**

Add 10 % escalation for 2026-27 0.91

**Cost of seedlings for 2026-27 10.00 per seedling**

Add 10 % escalation for 2027-28 1.00

**Cost of seedlings for 2027-28 11.00 per seedling**

Add 10 % escalation for 2028-29 1.10

**Cost of seedlings for 2028-29 12.10 per seedling**

Add 10 % escalation for 2029-30 1.21

**Cost of seedlings for 2029-30 13.31 per seedling**

Add 10 % escalation for 2030-31 1.33

**Cost of seedlings for 2030-31 14.64 per seedling**

Add 10 % escalation for 2031-32 1.46

**Cost of seedlings for 2031-32 16.10 per seedling**

District Forest Officer,  
Tiruvallur Division,  
Tiruvallur

## Model Estimate for 5<sup>th</sup> Year Maintenance

Size of Polybags :30x45cm

Raising Targat            1000 Nos

Replacement of Casualties : 10%            100 Nos

Wages Rate-2025-26            Rs. 676.45

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	5.24	0.28	832.03	100 Nos	8320
2	LS	Contingencies for application of pesticides etc. and unforeseen items if any					770
<b>TOTAL</b>							<b>9090</b>

Rate calculated for 2025-26 for 1000 nos for Rs

9090

**Cost of seedlings for 2025-26**

**9.09 per seedling**

Add 10 % escalation for 2026-27

0.91

**Cost of seedlings for 2026-27**

**10.00 per seedling**

Add 10 % escalation for 2027-28

1.00

**Cost of seedlings for 2027-28**

**11.00 per seedling**

Add 10 % escalation for 2028-29

1.10

**Cost of seedlings for 2028-29**

**12.10 per seedling**

Add 10 % escalation for 2029-30

1.21

**Cost of seedlings for 2029-30**

**13.31 per seedling**

Add 10 % escalation for 2030-31

1.33

**Cost of seedlings for 2030-31**

**14.64 per seedling**

Add 10 % escalation for 2031-32

1.46

**Cost of seedlings for 2031-32**

**16.10 per seedling**

Add 10 % escalation for 2032-33

1.61

**Cost of seedlings for 2032-33**

**17.71 per seedling**

District Forest Officer,  
Tiruvallur Division,  
Tiruvallur

## Model Estimate for 6<sup>th</sup> Year Maintenance

Size of Polybags :30x45cm

Raising Target        1000

Replacement of Casualties : 10%        100

Wages Rate-2025-26 676.45

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	5.24	1.23	832.03	100 Nos	8320
2	LS	Contingencies for application of pesticides etc. and unforeseen items if any					770
<b>TOTAL</b>							<b>9090</b>

Rate calculated for 2025-26 for  
1000 nos for Rs

**9090**

**Cost of seedlings for 2025-26**

**9.09 per seedling**

Add 10 % escalation for 2026-27

0.91

**Cost of seedlings for 2026-27**

**10.00 per seedling**

Add 10 % escalation for 2027-28

1.00

**Cost of seedlings for 2027-28**

**11.00 per seedling**

Add 10 % escalation for 2028-29

1.10

**Cost of seedlings for 2028-29**

**12.10 per seedling**

Add 10 % escalation for 2029-30

1.21

**Cost of seedlings for 2029-30**

**13.31 per seedling**

Add 10 % escalation for 2030-31

1.33

**Cost of seedlings for 2030-31**

**14.64 per seedling**

Add 10 % escalation for 2031-32

1.46

**Cost of seedlings for 2031-32**

**16.10 per seedling**

Add 10 % escalation for 2032-33

1.61

**Cost of seedlings for 2032-33**

**17.71 per seedling**

Add 10 % escalation for 2033-34

1.77

**Cost of seedlings for 2033-34**

**19.49 per seedling**

District Forest Officer,  
Tiruvallur Division,  
Tiruvallur.

## Model Estimate for 7<sup>th</sup> Year Maintenance

Size of Polybags :30x45cm

Raising Target      1000 Nos

Replacement of Casualties : 10%      100 Nos

Wages Rate 2025-26      Rs. 676.45

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	5.24	1.23	832.03	100 Nos	8320
2	LS	Contingencies for application of pesticides etc. and unforeseen items if any					770
<b>TOTAL</b>							<b>9090</b>

Rate calculated for 2025-26 for 1000 nos for Rs      **9090**

**Cost of seedlings for 2025-26      9.09 per seedling**

Add 10 % escalation for 2026-27      0.91

**Cost of seedlings for 2026-27      10.00 per seedling**

Add 10 % escalation for 2027-28      1.00

**Cost of seedlings for 2027-28      11.00 per seedling**

Add 10 % escalation for 2028-29      1.10

**Cost of seedlings for 2028-29      12.10 per seedling**

Add 10 % escalation for 2029-30      1.21

**Cost of seedlings for 2029-30      13.31 per seedling**

Add 10 % escalation for 2030-31      1.33

**Cost of seedlings for 2030-31      14.64 per seedling**

Add 10 % escalation for 2031-32      1.46

**Cost of seedlings for 2031-32      16.10 per seedling**

Add 10 % escalation for 2032-33      1.610

**Cost of seedlings for 2032-33      17.71 per seedling**

Add 10 % escalation for 2033-34      1.77

**Cost of seedlings for 2033-34      19.49 per seedling**

Add 10 % escalation for 2034-35      1.95

**Cost of seedlings for 2034-35      21.43 per seedling**

District Forest Officer,  
Tiruvallur Division,  
Tiruvallur.

## Model Estimate for 8<sup>th</sup> Year Maintenance

Size of Polybags :30x45cm

Raising Target            1000 Nos

Replacement of Casualties : 10%            100 Nos

Wages Rate 2025-26            Rs. 676.45

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	5.24	1.23	832.03	100 Nos	8320
2	LS		Contingencies for application of pesticides etc. and unforeseen items if any					770
<b>TOTAL</b>								<b>9090</b>

Rate calculated for 2025-26 for 1000 nos for Rs            **9090**

<b>Cost of seedlings for 2025-26</b>	<b>9.09</b>	<b>per seedling</b>
Add 10 % escalation for 2026-27	0.91	
<b>Cost of seedlings for 2026-27</b>	<b>10.00</b>	<b>per seedling</b>
Add 10 % escalation for 2027-28	1.00	
<b>Cost of seedlings for 2027-28</b>	<b>11.00</b>	<b>per seedling</b>
Add 10 % escalation for 2028-29	1.10	
<b>Cost of seedlings for 2028-29</b>	<b>12.10</b>	<b>per seedling</b>
Add 10 % escalation for 2029-30	1.21	
<b>Cost of seedlings for 2029-30</b>	<b>13.31</b>	<b>per seedling</b>
Add 10 % escalation for 2030-31	1.33	
<b>Cost of seedlings for 2030-31</b>	<b>14.64</b>	<b>per seedling</b>
Add 10 % escalation for 2031-32	1.46	
<b>Cost of seedlings for 2031-32</b>	<b>16.10</b>	<b>per seedling</b>
Add 10 % escalation for 2032-33	1.61	
<b>Cost of seedlings for 2032-33</b>	<b>17.71</b>	<b>per seedling</b>
Add 10 % escalation for 2033-34	1.77	
<b>Cost of seedlings for 2033-34</b>	<b>19.49</b>	<b>per seedling</b>
Add 10 % escalation for 2034-35	1.95	
<b>Cost of seedlings for 2034-35</b>	<b>21.43</b>	<b>per seedling</b>
Add 10 % escalation for 2035-36	2.14	
<b>Cost of seedlings for 2035-36</b>	<b>23.58</b>	<b>per seedling</b>

District Forest Officer,  
Tiruvallur Division,  
Tiruvallur.

## Model Estimate for 9<sup>th</sup> Year Maintenance

Size of Polybags :30x45cm

Raising Target 1000 Nos

Replacement of Casulaties : 10% 100 Nos

Wages Rate 2025-26

Rs. 676.45

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	5.24	1.23	832.03	100 Nos	8320
2	LS	Contingencies for application of pesticides etc. and unforeseen items if any					770
<b>TOTAL</b>							<b>9090</b>

Rate calculated for 2025-26 for 1000 nos for Rs **9090**

<b>Cost of seedlings for 2025-26</b>	<b>9.09</b>	per seedling
Add 10 % escalation for 2026-27	0.91	
<b>Cost of seedlings for 2026-27</b>	<b>10.00</b>	per seedling
Add 10 % escalation for 2027-28	1.00	
<b>Cost of seedlings for 2027-28</b>	<b>11.00</b>	per seedling
Add 10 % escalation for 2028-29	1.10	
<b>Cost of seedlings for 2028-29</b>	<b>12.10</b>	per seedling
Add 10 % escalation for 2029-30	1.21	
<b>Cost of seedlings for 2029-30</b>	<b>13.31</b>	per seedling
Add 10 % escalation for 2030-31	1.33	
<b>Cost of seedlings for 2030-31</b>	<b>14.64</b>	per seedling
Add 10 % escalation for 2031-32	1.46	
<b>Cost of seedlings for 2031-32</b>	<b>16.10</b>	per seedling
Add 10 % escalation for 2032-33	1.61	
<b>Cost of seedlings for 2032-33</b>	<b>17.71</b>	per seedling
Add 10 % escalation for 2033-34	1.77	
<b>Cost of seedlings for 2033-34</b>	<b>19.49</b>	per seedling
Add 10 % escalation for 2034-35	1.95	
<b>Cost of seedlings for 2034-35</b>	<b>21.43</b>	per seedling
Add 10 % escalation for 2035-36	2.14	
<b>Cost of seedlings for 2035-36</b>	<b>23.58</b>	per seedling
Add 10 % escalation for 2036-37	2.36	
<b>Cost of seedlings for 2036-37</b>	<b>25.94</b>	per seedling

District Forest Officer,  
Tiruvallur Division,  
Tiruvallur

## Model Estimate for 10<sup>th</sup> Year Maintenance

Size of Polybags :30x45cm

Raising Target      1000 Nos

Replacement of Casualties : 10%      100 Nos

Wages Rate 2025-26      Rs. 676.45

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	5.24	1.23	832.03	100 Nos	8320
2	LS	Contingencies for application of pesticides etc. and unforeseen items if any					770
<b>TOTAL</b>							<b>9090</b>

Rate calculated for 2025-26 for 1000 nos for Rs

9090

**Cost of seedlings for 2025-26**

**9.09 per seedling**

Add 10 % escalation for 2026-27

0.91

**Cost of seedlings for 2026-27**

**10.00 per seedling**

Add 10 % escalation for 2027-28

1.00

**Cost of seedlings for 2027-28**

**11.00 per seedling**

Add 10 % escalation for 2028-29

1.10

**Cost of seedlings for 2028-29**

**12.10 per seedling**

Add 10 % escalation for 2029-30

1.21

**Cost of seedlings for 2029-30**

**13.31 per seedling**

Add 10 % escalation for 2029-30

1.33

**Cost of seedlings for 2029-30**

**14.64 per seedling**

Add 10 % escalation for 2030-31

1.46

**Cost of seedlings for 2030-31**

**16.10 per seedling**

Add 10 % escalation for 2031-32

1.61

**Cost of seedlings for 2031-32**

**17.71 per seedling**

Add 10 % escalation for 2032-33

1.77

**Cost of seedlings for 2032-33**

**19.49 per seedling**

Add 10 % escalation for 2033-34

1.95

**Cost of seedlings for 2033-34**

**21.43 per seedling**

Add 10 % escalation for 2034-35

2.14

**Cost of seedlings for 2034-35**

**23.58 per seedling**

Add 10 % escalation for 2035-36

2.36

**Cost of seedlings for 2035-36**

**25.94 per seedling**

Add 10 % escalation for 2036-37

2.59

**Cost of seedlings for 2036-37**

**28.53 per seedling**

District Forest Officer,  
Tiruvallur Division,  
Tiruvallur.