

TAMIL NADU FOREST DEPARTMENT

From:

Thiru.N.Satheesh,I.F.S.,
Chief Conservator of Forests,
Tiruchirappalli Circle,
Tiruchirappalli - 620 023.
E.mail: ccftrichycircle@gmail.com

To:

The Principal Chief Conservator of Forests,
[Head of Forest Force],
Forest Head Quarters,
Guindy Velachery main road,
Near Kannigapuram Check post,
Guindy, Chennai - 600 032.

C. No. 14268/2022/D, Dated: 05.03.2024.

Sir,

Sub :- Forests - Van (Sanrakshan Evam samvardhan Adhiniyam, 1980 (previously Forest (Conservation) Act, 1980) - Trichy Circle / Thanjavur Division - Proposal for diversion of 0.36 ha of forest land for up gradation of Kappukkadu Earthen Road in Periyannayagipuram Panchayat to join the sand road of the small village North Thulukkaviduthi, Avanam, Periyannayagipuram, Thanjavur District - Thar road and street light facilities - requested - regarding.

- Ref :- 1. Government letter No.1747/FR-10/2023-1, dated. 03.04.2023.
2. Principal Conservator of Forests, (Head of Forest Force), Chennai ref.no.TS4/37305/2021, dated 12.02.2024.
3. District Forest Officer, Thanjavur Ref.No.7032/2021/D, dated. 29.02.2024.

With reference to the above, I submit that the additional details submitted by the District Forest Officer Thanjavur for the revised Compensatory Afforestation scheme in Thanjavur Division along with its enclosures vide reference 3rd cited are enclosed herewith for kind perusal.

This is for favour of kind information.

Encl : As stated above

Yours faithfully,
Sd/- N.Satheesh
Chief Conservator of Forests,
Trichirappalli

/T.c.b.o./

31/3/24
Senior Draughting Officer

Tamil Nadu



Forest Department

From
Thiru. Akhil Thampi, I.F.S.,
District Forest Officer,
Thanjavur Division,
Thanjavur.

To
The Principal Chief Conservator of Forests,
(Head of Forest Force),
Chennai.

(Through Chief Conservator of Forests,
Trichy)

C.No. 7032/ 2021/D,

Dt. 29 .02.2024

Sir,

Sub: Forests – Van (Sanrakshan Evam samvardhan Adhiniyam, 1980 (previously Forest (Conservation) Act. 1980) – Trichy Circle/Thanjavur Forest Division – Proposal for division of 0.36 Ha. of Forest land for Upgradation of Kappukadu Earthen road in Periyanaayagaipuram Panchayat to join the sand road of the small village North – Thulukkaviduthi, Avanam, Periyanaagipuram, Thanjavur District – Thar Road and street light facilities – Regarding.

- Ref: 1) Revised Online application uploaded by the User Agency on 13.08.2022 (FP/TN/ROAD/147896/2021)
2) Block Development Officer, Pearvurani @ Avanam, Avanam Post, Peravurani Taluk, Thanjavur – 614 623 C.No.4408/2020/A.2, Dated: 16.09.2022
3) Principal Chief Conservator of Forests (Head of Forest Force), Chennai-32 Ref.No: TS4/37305/2021 dt: 07.12.2022
4) This Office ref.no. 7032/2021/D, dt: 26.12.2022
5) Chief Conservator of Forests, Trichirappalli Circle, Trichirappalli C.No.14268/2022/D dt: 25.01.2023.
6) Principal Chief Conservator of Forests (Head of Forest Force), Chennai-32 Ref.No: TS4/37305/2021 dt: 24.04.2023 & 12.02.2024.
7) Government Letter No. 1747/F.R.10/2023-1, Dt. 03.04.2023.
8) District Forest Officer, Thanajvur Ref.No.7032/2021/D dt.04.07.2023 & 01.11.2023.
9) Chief Conservator of Forests, Trichy Ref.No.14268/2022/D dt.14.02.2024.

With reference to the above subject and the letter cited in the 6th reference, I submit herewith the Compensatory Afforestation Scheme for raising 100 Nos. Plants inside Avanam R.F., Certificate from Competent authority has also been uploaded in section 13 of Part-II.

// t.c.b.o//

Yours faithfully,
Sd./ Akhil Thampi,
District Forest Officer,
Thanjavur.

Superintendent.

RP100
RT 62436251616
21/9/23

/ பதிவச்சல் அனுப்புகுடிசை /

6362

அனுப்புதல் க.செல்வேந்திரன், பி.எஸ்.சி., வட்டார வளர்ச்சி அலுவலர்(வ.ஊ), பேராவூரணி (இ) ஆவணம். தஞ்சாவூர் மாவட்டம் - 614 623. போன் - 04373-290748	பெறுதல் மாவட்ட வன அலுவலர், தஞ்சாவூர். 7032/2021
ந.க.எண் - 4408/2020/அ.2	நாள் - 15.09.2023



வய்யா தஞ்சாவூர் வனக்கோட்டம், காவலர்	ஊரக வளர்ச்சி மற்றும் ஊராட்சித்துறை - தஞ்சாவூர் மாவட்டம் - பேராவூரணி ஊராட்சி ஒன்றியம் - பெரியநாயகிபுரம் ஊராட்சிக்குட்பட்ட வனத்துறைக்கு சொந்தமான ஆவணம் காப்புக்காட்டில் 0.36 ஹெக்டர் வன நிலத்தை சாலை அமைத்தல் - இணைய வழியில் பிரேரணை சமர்ப்பிக்கப்பட்டது - மாவட்ட ஆட்சியரின் சான்று மீள பதிவேற்றம் செய்யப்பட்டது - விவரம் தெரிவித்தல் - தொடர்பாக.
பார்வை	1 மாவட்ட வன அலுவலர், தஞ்சாவூர் அவர்களின் கடித ந.க.எண்.7032/2021/வ நாள் 07.07.2023 மற்றும் 11.08.2023.
	2 மாவட்ட வன அலுவலர், தஞ்சாவூர் அவர்களின் கடித ந.க.எண்.296/2023/தி2 நாள் 16.08.2023
	3 Online Proposal No.FP/TN/Road/1427896/2021
	4 தொடர்புடைய ஆவணங்கள்.

பார்வை 1 மற்றும் 2-ல் காணும் கடிதத்தில் கோரியுள்ளவாறு, தஞ்சாவூர் மாவட்டம், பேராவூரணி ஊராட்சி ஒன்றியம், பெரியநாயகிபுரம் ஊராட்சிக்குட்பட்ட வனத்துறைக்கு சொந்தமான ஆவணம் காப்புக்காட்டில் 0.36 ஹெக்டர் வன நிலத்தை சாலை மற்றும் தெரு விளக்கு அமைத்தல் பணிக்காக மாவட்ட ஆட்சியரின் பெயர் மற்றும் அலுவலக முத்திரையுடன் சான்றிதழ் மீளப் பெறப்பட்டு இணைய வழியில் பதிவேற்றம் செய்யப்பட்டுள்ளது என்ற விவரத்தினை அன்புடன் தெரிவித்துக்கொள்கிறேன்.

இணைப்பு - 1. மாவட்ட ஆட்சியரின் சான்றிதழ் நகல்
2. பதிவேற்றம் செய்யப்பட்டதற்கான ஒப்புதல் நகல்

வட்டார வளர்ச்சி அலுவலர்(வ.ஊ),
பேராவூரணி.

நகல் - முதன்மை தலைமை வனப்பாதுகாவலர், சென்னை அவர்களுக்கு
தகவலுக்காக அன்புடன் அனுப்பப்படுகிறது.

நகல் - தலைமை வனப்பாதுகாவலர், திருச்சி அவர்களுக்கு தகவலுக்காக அன்புடன் அனுப்பப்படுகிறது.

நகல் - மாவட்ட ஆட்சியர், தஞ்சாவூர் அவர்களுக்கு தகவலுக்காக பணிநிதனுப்பப்படுகிறது.

19/9/23

R.C.No.53525/2023/LR1
Date : 08.09.2023

District Collector's Office
Thanjavur

Form 1
(For Linear Projects)
Government of Tamil Nadu
Office of the District Collector, Thanjavur

TO WHOMSOEVER IT MAY CONCERN

In Compliance of the Rules 6(3)(e) of the Forest (Conversation) Rules 2003 [as amended vide the Forest (Conversation) Amendment Rules 2014: Forest (Conversation) Second Amendment Rules 2014: and Forest (Conversation) Amendment Rules 2016] it is certified that 0.36hectares of Forest land proposed to be diverted in favour of the Block Development Officer(B.Pt), Peravurani Union for Road and Street Light Facility to Public in the district falls within the jurisdiction of Pattukottai RF Perianayagipuram Panchayat in Peravurani union. It is further certified that.

It is further certified that:

- There is no Tribal settlement in the area mentioned above and so the question of identification and settlement of rights under Forest Rights Act does not arise. No Consultations/ meetings of the Forest Right Committees, Gramsabhas, Sub Divisional level committees and the District level committees were conducted and no annexure are enclosed.
- The proposal does not involve recognized right of Primitive Tribal Groups and Pre-agricultural communities and as per Geological Survey conducted in this region, the proposed site is found to be suitable for Upgradation of Road and Street Light Facility and the proposed area required is minimum for the execution of the project.
- No alternative suitable non forest land is available for the Upgradation of Road and Street Light Facility at Perianayagipuram of 600m length and 6m width in Pattukottai RF within the jurisdiction of Perianayagipuram Panchayat in Peravurani Union of Thanjavur District.



Deepak Jacob
(Deepak Jacob)
District Collector,
Thanjavur.

8/9/23

2/2

R.C.No.53525/2023/LR1
Date : 08.09.2023

District Collector's Office
Thanjavur

ESSENTIALITY CERTIFICATE

The proposed alignment for the Upgradation of Kappukadu Earthen Road in Perianayagipuram Panchayat to Join the Sand Road of Small Village Thulukaviduthi North, Avanam Kappukadu Bit-1 and Kappukadu Bit-2, Perianayagipuram panchayat, Thanjavur District. The total extent of forest land (both tree planted and non planted) for the Upgradation of road is assessed as 0.36 hectares in R.S.No.134, 135,140,141,142 Perianayagipuram Village in Peravurani Union of Thanjavur District is required for the above work.

The details for R.S.No., and Reserve Forest Land is as follows

R.S.No.	Location	Length and Width	Area in Sq.M.
134, 135, 140,141, 142	Avanam Kappukadu Bit-1 and Kappukadu Bit-2	600m x 6m	3600

It is hereby certified that after considering all alternatives, this is the only land and to be the alignment of the proposed work and that the required area is the minimum need of this purpose. This land is absolutely essential for the proposed work.



(Signature)
(Deepak Jacob)
District Collector,
Thanjavur.

(Signature)
8/9/23

3790

Abstract Estimate for Raising Compnsation Afforestation Over and Area of 0.51 Ha of degraded forest area of Avanam RF in Pattukkottai Range, Thanjavur Division During 2023-24 under state CAMPA SCHEME.

No. of seedlings : 100
For 10% casualty Replacement : 10
Total : 110



Sr No	Description of Work	Proposed estimate cost in RS	Remarks
1	2	3	4
1	Raising nursery -110 Nos	19175	Gap Plantation in Avanam RF
2	Planting Operation - 100 Seedling	56946	10% Weightage towards escalation of labor wage rate during 2024 -25
3	1st Year Maintenace	29954	20% Weightage towards escalation of labor wage rate during 2025 -26
4	2nd Year Maintenace	22808	30% Weightage towards escalation of labor wage rate during 2026 -27
5	3rd Year Maintenace	24563	40% Weightage towards escalation of labor wage rate during 2027 -28
6	4th Year Maintenace	2382	50% Weightage towards escalation of labor wage rate during 2028 -29
7	5th Year Maintenace	2620	60% Weightage towards escalation of labor wage rate during 2029 -30
8	6th Year Maintenace	2882	70% Weightage towards escalation of labor wage rate during 2030 -31
9	7th Year Maintenace	3170	80% Weightage towards escalation of labor wage rate during 2031 -32
10	8th Year Maintenace	3487	90% Weightage towards escalation of labor wage rate during 2032 -33
11	9th Year Maintenace	3804	100% Weightage towards escalation of labor wage rate during 2033 -34
12	10th Year Maintenace	4184	110% Weightage towards escalation of labor wage rate during 2034 -35
Total		175975	

(Rupees One Laksh Seventy five Thousand Nine Hundred and seventy Five only)

Sir,

Submitted in favour of early sanction.

உ.க. 252
வனசரக அலுவலர் 13/06/2023
பட்டுக்கோட்டை வனசரகம்
பட்டுக்கோட்டை

மாவட்ட வன அலுவலர்
தஞ்சாவூர் வனக்கோட்டம்
தஞ்சாவூர்.

Estimate For Raising of Nursery for Native Tree species for Compnsation Afforestation Over and Area of Ha of degraded forest area of Avanam RF in Pattukkottai Range,Thanjavur Division During 2023-24 under state CAMPA SCHEME.

Total area	:	
Total No.of Seedlings Raised	:	100
10% Replacement of casualties	:	10
Total	:	110
Size of polythene bags	:	13x25 cm x
Transplanting Size of Polybags	:	30x45 cmx
Proposed espacement	:	Gap Plantation
Species	:	Miscellaneous
Mazdoor rate for 2023-24 per day	:	Rs.612.45

Sl. No	QTY	Unit	Description Operation	FSR / SSR No.	Fsl	Rate (Rs)	Per	Amount (Rs)	
PART-I Small size bags -13x25 cm									
1	12.1	M ²	Preparation of Nursery site by clearing and leveling the site for forming standard beds.of size 10m x1 (110M2/1000 Nos)	4.1	2.42	1482.13	200	No	90
2	1.00	Kg	Cost of seeds (2kgs /1000 Nos)	LR		500.00		1	500
3	110	Nos	Cost of 13x25cmx250G polythene bags	ender rate		944	1000	No	103
4	3	Cum	Forming of germination beds of size 10mx1mx0.3m by heaping the soil-2500 No per bed	PWD SSR item 62		73.1	1	cum	219
5	1	Bed	watering the germination beds twice daily with rose can 15 days	4.5.1	0.82	502.21	10	Beds /day	754
6	1	Bed	watering the germination bedsonce daily with rose can 15 days	4.5.2	0.41	251.1	10	Beds /day	377
7	0.0924	cu.m	collection & supply of sand , still and red soil according to the requirement for preparation of soil mixure -3/4th of the total volume (0.84 m3/1000 Nos)	LR		750	1	cu.m	69

8	0.0308	cu.m	cost and transport of farm yard manure for filling bags -1/4 th of the total volume(0.28 m3/1000 Nos)	LR		750	1	cu.m	23
9	110	Nos	preparation of soil mixture by breaking clouds sieving and mixing of fertile earth(including red soil silt sand etc according to requirements) and farmyard manure at 3:1 ratio heaping at the filling site and filling in polythene bags arranging bags in bads and pricking - out of the seedlings(excluding cost of	4.6.4	4.48	2743.78	1000	Nos	302
10	2.75	kgs	Cost of vermicasting 25 gram per seedlings	As per Research Division		10.00	1.00	kg	27
11	1.1	kgs	Cost of VAM 10 gm/container			18.00	1.00	kg	20
12	0.55	kg	Cost of Azospirillum 5gm gram per seedlings	As per Research Division		27.00	1.00	kg	15
13	0.55	kg	Cost of phosphobacteria 5gm gram per seedlings			27.00	1.00	kg	15
14			Watering the container plants with rose cans						
a	110	Nos	Twice daily - 15 days	4.10.4	0.23	140.86	1000	Day	232
b	110	Nos	Once daily - 30 days	4.11.4	0.115	70.43			232
c	110	Nos	Alternate days speard over 30 days (Effective days - 15)		0.115	70.43			232
15	110	Nos	Cost of water for watering the container seedings -60 watering days	4.18-FSR 1998-99		0.85	1000	DAYS	6
16	110	Nos	Shifting the container plants weeding grading and replacement of causalities in the bags - shifting to done once in 21 days (shifting not before 45 days after pricking out.	4.15.4	0.51	312.35	1000	SHIFT	69
SUB - Total(A)									3285
PART-II - Bigger size bags :30x 45cmx 600g.									
17	110	Nos	Cost of 30x45 cmx 600 G polythene bags	Tender rate		9263	1000	No	1019
18	1.01	M3	Collection and supply of sand, silt and red soil according to the requirement for preparation of soil mixture -4/5 th of the total volume of (earth in 35x25cm containers) (@9.23 cu.m/1000 Nos)	LR		750	1	M3	757

19	0.25	M3	Cost and transport of farmyard manure for filling bags -1/5th of the total volume (@2.31cu.m/1000 Nos)			750	1	M3	187
20	110	Nos	Preparation of soil mixture by breaking clods sieving and mixing of fertile earth(including red soil silt sand etc according to requirements) and farmyard manure at 4:1 heaping at the filling site and filling in polythene bags arranging bags in bays and pricking - out of the seedlings (excluding cost of soil mixture and FYM)	4.67	28.57	17497.7	1000	Nos	1534
21	4	kgs	Cost of vermicasting@ 35gram per seedlings	As per Research Division Rate		10	1	kg	40
22	2	kgs	Cost of VAM@ 15gram per seedlings			18	1	kg	36
23	1	kgs	Cost of Azospirillum 6gm per seedlings	As per Research Division Rate		27	1	kg	27
24	1	kgs	Cost of phosphobacteria 6gm gram per seedlings			27	1	kg	27
25	1.1	Mazdoo	Labour cost transplanting seedlings from 13x25m containers bags in to 30x45cm containers -10Maz /1000	As per ME OF MTP		612.45	1	Nos	674
26	110	Nos	Cost of vertical stick (casurina poles 5 cm -8 cm girth and 2.50 m height for each plants)	PWD SSR		17.5	1	RM	1925
27	55	Nos	Cost of horizontal stick (casurina poles 5 cm -8 cm girth and 1.00 m height for each plants)	PWD SSR		17.5	1	RM	962
28	110	Nos	Tying plants to the vertical stick once in a month -2 times	ME		0.4	1	Each/time	88
29	110	Nos	Pruning side branches once in 2 months -2 times	ME		1			110
30			Watering the container plants with rose cans						
a	110	Nos	Twice daily - 15 days	4.10.7	0.56	342.97	1000	Day	566
b	110	Nos	Once daily - 30 days	4.11.7	0.28	171.49	1000	Shift	566
c	110	Nos	Once in alternate days - spread over 60 days (Effective days -30 days)	4.11.7	0.28	171.49	1000	Shift	566

	110	Nos	Twice in a week spread over 105 days (Effective days -30 days)	4.117	0.28	171.49	1000	Shift	566
31	110	Nos	Shifting the container plants weeding grading and replacement of causalities in the bags - shifting to done once in 21 days (shifting not before 45 days after)	4.15.7	2.69	1647.49	1000	Shift	1268
32	110	Nos	Cost of water watering the container seedlings -105 watering days	4.18-FSR 1998-99		1.6	1000	Day	18
33	1	Nos	Engaging Nurse protection mazdoors 1 No/100000 Nos of 30 x 45 bags - 300 days. (90+ 210 d)	4.18-FSR 1998-99		1.6	1000	Day	202
34	1	Nos	GST 18% (ITEM No 3, 7)						202
35	5	Months	Provision for cost of pesticides and fungicides and labour charges for application of pesticides - 2 times/ month	LR		200	1	TIMES	2000
36	LS		Photo & Documentation etc.,			LS			2000
37	LS		Contingencies unforeseen items			LS			550
			Sub total (B)						15890
			Total (A+B)						19175

Raising cost of seedling = 19175
Cost of 1 seedling = Rs 174

Per seedling Rs 174.

Specification: Submitted to District forest officer Thangavur for favour of early sanction. This estimate is prepared based on G.O. Memo No 11-423/2011-FC dt 08-11-2017, Compensatory afforestation, NHAI /MTP model estimate, FSR, PWDSS and the local rates per model estimate and research wing rate. Hence this estimate may be approved.

[Signature]
12/1/21
வனசரக அலுவலர்
பட்டுக்கோட்டை வனசரகம்
பட்டுக்கோட்டை

[Signature]
மாவட்ட வன அலுவலர்
தஞ்சாவூர் வனக்கோட்டம்
தஞ்சாவூர்.

Estimate For Planting of Native Tree species for Compnsation Afforestation Over and Area of Ha of degraded forest area of Avanam RF in Pattukkottai Range,Thanjavur Division During 2023-24 under state CAMPA SCHEME.

No. of seedlings = 100

Size of poly bag = 30 x 45 x 600g

10% casualty = 10

Total

Sl. No.	QTY	Unit	Description Operation	FSR / SSR No.	Fsl	Rate(Rs)	Per		Amount (Rs)
1	100	Nos	Aligning and marking I Plantation area	5.2.4	1.38	845.18	100	Nos	845
2	100.00	Nos	Digging of 60 cm ³ pits in all types of soil during non rainy season	5.8.1	9.26	5671.00	100.00	Nos	5671
3	100	Nos	cost and transport of farm yard manure each plant 0.60 x 0.60x 0.20 = 0.072 m ³ /pit 7.2 m ³	LQ		750	1	M3	5400
4	100	Nos	Application of farm yard manure by mixing in the pit before planting(1 mazdoor for 200 Nos)	FSL WAGE RATE	1	612.45	200	Nos	306
5	100	Nos	Cost of Bio fertilizer including cost of application Vermicompost 1 kg Bio Fertilizer 100 g, VAM- 100g	NHAI ME		7.7	1	No	770
6	110	Nos	Transporting saplings (Transporting to radius of 40 km) excluding loadind and unloading by private vechile	NHAI ME		7	1	No	770
7	110	Nos	Loading and unloading the container seedlings 30 x 45cm in private lorry upto a lead of 2 kms excluding hire charges of vechile	5.11.7	3.29	2014.96	1000	Nos	221

8			Distribution of saplings from where seedlings are stocked to the planting spot in plains upto 500 mts						
a	40	Nos	Upto 100 mts	5.15.1	10	6124.5	1000	Nos	245
b	40	Nos	Upto 200 mts	5.15.2	17.5	10717	1000	cu.m	429
c	30	Nos	Upto 500 mts	5.15.3	41	25110.5	1000	Nos	753
9	100	Nos	Planting the container plants by refilling pits of size 60 cm	5.22	1.71	1047.29	100	Nos	1047
10	250	RM	Provision of vertical casurina poles 5cm to 8 cm 2.5mtr ht per plant	PWD SSR		17.5	1	RM	4375
11	10	Nos	Replacement of casualties by reopening failed pits and planting the seedlings	5.23		5671.29	100	Nos	567
12	100	Nos	Scarping 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	753.31	100	Nos	753
13	100	Nos	Forming catch water drains for each plants of 90 x 45 x 30 cm size	5.26	6.84	4189.16	100	Nos	4189
14	100	Nos	Providing Brush wood fencing around each plants		0.25	122.06	1	Nos	12206
15	100	Nos	Watering the plants once in 6 days during summer/ non rainy period from january to march @ one mazdoor for 200 plants/ watering days (15 watering days)	NHAI ME		612.45	200	Nos	4593
16	30000	Ltrs	Cost of water @ 20 liter per seedling 15 watering days (100 x 20 x 15 = 30000) Lts	NHAI ME		1200	12000	Lts	3000
17	100	Nos	Removing / scarpping vizal monsoon or bothai grass for one meter dia around the plants	5.27	0.21	128.61	100	Nos	129

18	5	Mnths	Provision for cost of pesticides and fungicide and labour charge for application of pesticides 2 times / month	L.R		200	1	Time s	2000
19	LS		Photo and Documentation charges			LS			2000
20	LS		Contingencies and unforeseen expenditure to be restricted to as per actuals			LS			1500
Total									51769
Add 10% escalation									5177
Total prorata									56946

Specification: Submitted to District Forest Officer Thanjavur in favour of early sanction.

This estimate is prepared based on NHAI / NTP model estimate, FSR, PWD SSR and local rate and research wing rate. Hence this estimate may be approved.

[Signature]
மாண்புமிகு திரு. க. க. க.
புதுச்சேரி மாவட்ட வனத்துறை
புதுச்சேரி

[Signature]
மாவட்ட வன இயக்குநர்
தஞ்சாவூர் வனக்கோட்டம்
தஞ்சாவூர்.

Estimate For 1 st year maintenance of Compnsation Afforestation Over and Area of Ha of Avanam RF in Pattukkottai Range, Thanjavur Division During 2023-24 under state CAMPA SCHEME.

No. of seedlings = 100

Size of poly bag = 30 x 45 x 600g

10% casualty = 10

Total

Sl. No.	QTY	Unit	Description Operation	FSR / SSR No.	FSL	Rate (Rs)	Per	Amount (Rs)
A . NURSERY OPERATION								
1	10	No	Raising cost of seedlings in 30 x 45 size polythene bags (As per actual nursery estimate)	As per nursery estimate		136.36	174 No	1360
TOTAL								1360
B. PLANTING OPERATION								
1	10	No	cost and transport of farm yard manure each plant 0.60 x 0.60x 0.20 = 0.072 m3/pit 7.2 M3	LQ		750	1 m3	5400
2	10	Nos	Application of farm yard manure by mixing in the pit before planting(1 mazdoor for 200 Nos)	FSL WAGE RATE	1	612.45	200 Nos	31
3	10	Nos	Transporting saplings (Transporting to radius of 40 km) excluding loadind and unloading by private vechile	NHAI ME		7	1 No	70
4	110	Nos	Loading and unloading the container seedlings 30 x 45cm in private lorry upto a lead of 2 kms excluding hire charges of vechile	5.11.7	3.29	2014.96	1000 Nos	20
5			Distrubition of sapplings from where seedlings are stocked to the planting spot in plains upto 500 mts					
a	4	Nos	Upto 100 mts	5.15.1	10	6124.5	1000 Nos	24
b	4	Nos	Upto 200 mts	5.15.2	17.5	10717	1000 cu.m	43

c	2	Nos	Upto 500 mts	5.15.3	41	25110.45	1000	Nos	50
6	10	Nos	Replacement of casualties by reopening failed pits and planting the seedlings	5.23		5671.29	100	Nos	567
7	100	Nos	Scarping 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	753.31	100	Nos	753
8	100	Nos	Cost of Bio fertilizer including cost of application Vermicompost 1 kg Bio Fertilizer 100 g, VAM- 100g	NHAI ME		7.7	1	No	770
9	60000	Ltrs	Cost of water @ 20 liter per seedling 15 watering days (100 x 20 x 30 = 60000) Ltrs	NHAI ME		1200	12000	Lts	6000
10	100	Nos	Watering the plants once in 6 days exculding rainy days from April to june & january to march @ one mazdoor forr 200 plants/ watering days (15+ 15 = 30watering days)	4.11.7	0.28	612.45	200	Shift	9187
11	LS		Contingencies and unforeseen			LS			687
Total (B)									23602
Total (A+B) Prorata for 1st year maintenance									24962
Add 20% of escalation for 2nd year									4992
Total prorata									29954

Specation Specification: Submitted to District Forest Office
 Thanyarur in favours of early sanction.
 This estimate has been prepared as per Govt letter on
 JAMPA, NHAI/MP model estimate, FSR, PWD SSR, Loc
 rate and research wage rate. Hence this estimate m
 be sanctioned.

[Signature]
 வ.நகரக அலுவலர்
 பட்டுக்கோட்டை வனப்பகுதி
 பட்டுக்கோட்டை

[Signature]
 மாவட்ட வன அலுவலர்
 தஞ்சாவூர் வனக்கோட்டம்
 தஞ்சாவூர்.

Estimate For 2nd year maintenance of Compnsation Afforestation Over and Area of
Ha of Avanam RF in Pattukkottai Range, Thanjavur Division During 2023-24 under
state CAMPA SCHEME.

No. of seedlings = 100

Survival 100% =

Sl. No.	QTY	Unit	Description Operation	FSR / SSR No.	FSL	Rate.Rs	Per		Amount (Rs)
1	100	Nos	Scarping for 1 m dia and soil working 15 cm depth arround each plants and removing the grass roots away from the site of upturning the soil	5.24	1.23	753.31	100	Nos	753
2	100	Nos	Cost of Bio fertilizer including cost of application Vermicompost 1 kg Bio Fertilizer 100 g, VAM- 100g	NHAI ME		7.7	1	No	770
3	60000	Ltrs	Cost of water @ 20 liter per seedling 15 watering days (100 x 20 x 30 = 60000) Ltrs	NHAI ME		1200	12000	Lts	6000
4	100	Nos	Watering the plants once in 6 days exculiding rainy days from April to june & january to march @ one mazdoor forr 200 plants/ watering days (15+ 15 = 30watering days)	4.11.7	0.28	612.45	200	Shift	9187
5	LS		Contingencies and unforeseen			LS			835
Total Prorata									17545
Add 30% of escalation for 2nd year									5263
Total prorata 2 nd year maintenance									22808

Specification: Submitted to District Forest officer in favour of early sanction.
 This estimate is prepared as per FSR, PWD SSR, NHAI / MTR model estimate, research wing rate, Local rate. Hence this estimate may be sanctioned

[Signature]
 வனசேகர சிவசுவாமி
 பட்டுக்கோட்டை வனசேகரம்
 பட்டுக்கோட்டை
 மாவட்ட வன அலுவலர்
 தஞ்சாவூர் வனக்கோட்டடி
 தஞ்சாவூர்.

CAMPA SCHEME.

Survival 100% = 100

Specification Submitted to District Forest Officer, Thangarur in favour early sanction. This estimate has been prepared as per NHA/MTF model estimate FSR, PWD SSR, local rate, Research wing rate and Govt FNO 11-423/2011 dt 08.11.2017 on Compensatory Afforestation

10. 10. 2012
 10. 10. 2012
 10. 10. 2012
 10. 10. 2012

Estimate For 4 nd year maintenance of Compnsation Afforestation Over and Area of
Ha in Avanam RF - Pattukkottai Range, Thanjavur Division During 2023-24 under state
CAMPA SCHEME.

No. of seedlings = 100

Survival 100% = 100

Sl. No.	QTY	Unit	Description Operation	FSR / SSR No.	FSL	Rate.Rs	Per		Amount (Rs)
1	100	Nos	Scarping 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	753.31	100	Nos	753
2	LS		Contingencies and unforeseen expenditure to be restricted to as per actuals	LS					835
Total Prorata									1588
Add 50% of escalation for 4th year									794
Total prorata 4th year maintenance									2382
Add 10% of escalation for 5th year									238
Total prorata 5 th year maintenance									2620
Add 10% of escalation for 6th year									262
Total prorata 6th year maintenance									2882
Add 10% of escalation for 7th year									288
Total prorata 7th year maintenance									3170
Add 10% of escalation for 8th year									317
Total prorata 8th year maintenance									3487
Add 10% of escalation for 9th year									317
Total prorata 9th year maintenance									3804
Add 10% of escalation for 10th year									380
Total prorata 10th year maintenance									4184

Specification: Submitted to District Forest Officer Thanjavur in view of early sanction. This estimate is prepared as per Govt letter on CAMPA, NHAI/NTP model estimate, FSP, WDSSR, local rate and research wing rate. Hence this estimate may be approved.

[Signature]
 வனக்காக அலுவலர்
 மட்டுக்கோட்டை வனக்காகம்
 மட்டுக்கோட்டை
 13/6/22

[Signature]
 மாவட்ட வன அலுவலர்
 தஞ்சாவூர் வனக்கோட்டம்
 தஞ்சாவூர்.

Certificate from Competent authority regarding suitability of area identified for
Compensatory Afforestation and from Management point of view

Suitable land for Compensatory Afforestation has been identified inside Avanam Reserve Forest. It will help to remove Invasive Alien Species inside the RF and it can be protected well by the frontline forest staffs.



District Forest officer,

Thanjavur Division,

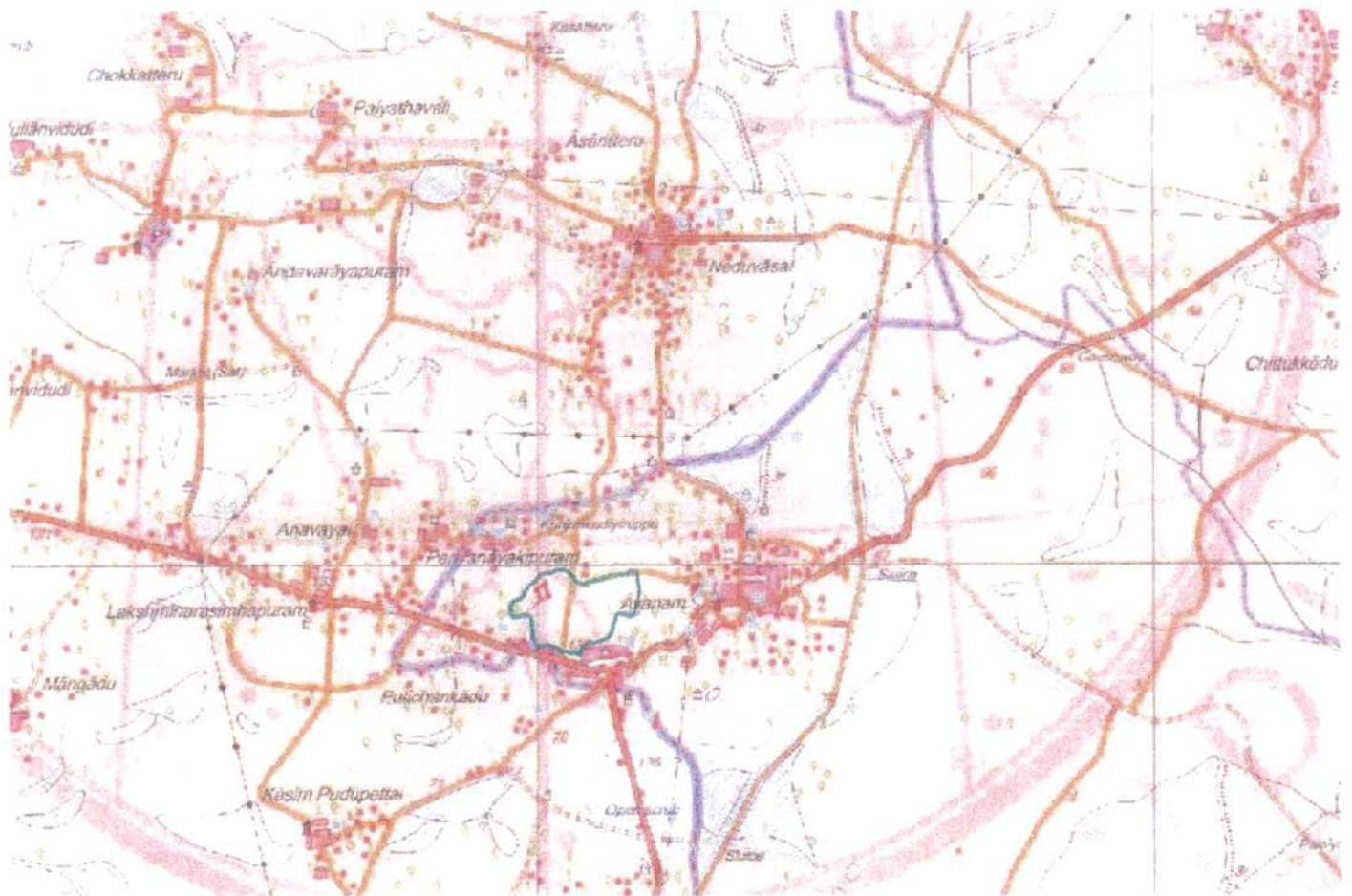
Thanjavur.

No. C44H3 Scale 1:50,000



□ RF Boundary

◇ - Area identified for CA




District Forest Officer
Thanjavur Division
Thanjavur.

20.2.2021
FOREST RANGE OFFICER
PATTUKKOTTAI FOREST RANGE
PATTUKKOTTAI



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