

TAMIL NADU FOREST DEPARTMENT

From:

Thiru.N.Satheesh,I.F.S.,
Chief Conservator of Forests,
Tiruchirappalli Circle,
Tiruchirappalli - 620 023.
E.mail: ccftrichyrcircle@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. 9497/2023/D, Dated: 28.07.2023.

Sir,

Sub : Forests - Forest (Conservation) Act 1980 - Thanjavur Division - Proposal for diversion of 0.82 ha of Nagavalli RF Forest land for Maintenance of Thiruverumbur - Grand Anaicut Road Km - 5/630 to 6/450 to a length of 820 m - passing through Nagavalli Reserved Forest of Thanjavur Forest Division - additional details - submission - Regarding.

Ref : 1. The Principal Chief Conservator of Forests (Head of Forest Force), Chennai Ref.No.TS4/42877/2021, dated.14.07.2023.
2. District Forest Officer, Thanjvuar, ref.no. 2271/2021/D, dated 25.07.2023.

With reference to the above, I submit that the details of alternative degraded forest area selected for compensatory Afforestation purpose with the revised compensator Afforestation scheme for raising 1200 Nos of plants in an area of 1.64 Ha inside Nagavalli RF with the cost of planation and the cost of 10 years maintenance with area map and KML file received from Thanjvur Division vide reference 2nd cited is enclosed herewith.

Encl : As stated above

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

/T.c.b.o./

15.08.2023
28/7/2023
Draughting Officer

Tamil Nadu



Forest Department

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

To
The Chief Conservator of Forests,
Trichy Circle,
Trichy.

C.No. 2271/2021/D, Dt. 24.07.2023.

Sir,

Sub: Forests – Forest (Conservation) Act 1980 – Trichy Circle/Thanjavur Forest Division – Proposal for division of 0.82 Ha. of Nagavalli R.F Forest land for Maintenance of Thiruverumbur – Grand Anaicut Road Km-5/630 to 6/450 to a length of 820m – Passing through Nagavalli Reserved Forests of Thanjavur Forest Division – Further details submission – Regarding.

- Ref:
1. Divisional Engineer (Highways), Construction and Maintenance, Thanjavur, Lr. No. PBMC/Pack II/2021/ JDO.1, Dt. 09.01.2023.
 2. District Forest Officer, Thanjavur, C.No.2271/2021/D, Dt. 18.01.2023 & 22.02.2023.
 3. Chief Conservator of Forests, Trichy Circle, Trichy, C.No.954/2022/D, Dt. 23.02.2023 & 07.03.2023.
 4. Principal Chief Conservator of Forests (Head of Forest Force), Chennai, C.No. TS1/4546/2023, Dt. 05.04.2023.
 5. Principal Chief Conservator of Forests (Head of Forest Force), Chennai, C.No. TS4/42877/2023, Dt. 14.07.2023.
 6. Chief Conservator of Forests, Trichy Circle, Trichy, C.No. 9497/2023/D, Dt. 20.07.2023.

With reference to the above 5th reference letter cited, I hereby submit the details of alternative degraded forest area selected for Compensatory Afforestation purpose with the revised Compensatory Afforestation scheme for raising 1200 Nos. of plants in an area of 1.64 Ha. inside Nagavalli RF with the cost of plantation and the cost of 10 years maintenance with Area map and KML file. All the above details are uploaded in the Parivesh web portal for kind perusal.

Encl.: As stated above.

Yours faithfully,

District Forest Officer,
Thanjavur.

25/7/2023

**GENERAL ABSTARCT FOR COMPENSATORY
AFFORESTATION COST**

Sl.No	Annexure No	Name of the Work	Amount
1	Annexure II	Estimate for Extration of Immature miscellantous trees	169000
2		Estimate for Raising 1200 Teak seedlings	191000
3		Estimate For Five months Maintenance of Misc. Taller Seedlings	33000
4		Estimate for Planting 1200 Teak seedlings	1175000
5		Estimate for 1st year maintenance of Teak plantation	430000
6		Estimate for 2nd year maintenance of Teak plantation	435000
7		Estimate for 3rd year maintenance of Teak plantation	435000
8		Estimate for 4th year maintenance of Teak plantation	285000
9		Estimate for 5th year maintenance of Teak plantation	270000
10		Estimate for 6th year maintenance of Teak plantation	270000
11		Estimate for 7th year maintenance of Teak plantation	270000
12		Estimate for 8th year maintenance of Teak plantation	270000
13		Estimate for 9th year maintenance of Teak plantation	270000
14		Estimate for 10th year maintenance of Teak plantation	270000
Grand Total			4773000

C.No.264/2021. Dated. 25.07.2023.

Submitted to the District Forest Officer, Thanjavur Division.


Forest Range Officer,
Thanjavur Range Thanjavur


District Forest Officer
Thanjavur Division
Thanjavur.

Estimate for First year Maintenance of Compensative Afforestation at Nagavalli RF for Road Extension in Thanjavur Range of Thanjavur Division during 2024-25.

Species Misc	Espacement	: 3 m x 3m
Area : 1.64 Ha	Size of Polythene bags	: 16x30cm
	Total No.of Survival Plants :	1080 Nos.
	10% Casualties Replacement :	120 Nos.
	Total No. of Plants =	1200 Nos

Sl. No.	Description	FSR Item	Qty		Rate (Rs.)	Per	Amount
1	Field Watering during dry season as and when watering is required to the Plants from 1st April to 30th September once in five days (36 w/ days)	G.O.(D) No.297 E&F Fr VI	1200	Nos	1500	500 Nos	129600.00
2	Weekly Watering during dry season from 1st January to 31st March (13 w/days)	G.O.(D) No.297 E&F Fr VI	1200	Nos	1500	500 Nos	46800.00
3	Cost of Teak Seedlings(30x45/400gauge)	-	120	Nos	30	Each	3600.00
4	Replacement of casualties by reopening the failed pits and planting the seedling (10% of total seedling).	5.23 /2023.24	120	Nos	1693.42	100 seedling	2032.00
5	Repairing the fencing	LS	60	mtr	20	per mtr	1200.00
6	Scrap weedling for 1Mt dia and removing to 15cm depth around each plant and removing the grass root from the site up turning the soil both in the plains and hillocks. Note: Whether done for first time or second time the same rate	5.24/ 2023-24	1200	2Time	753.31	100 Nos	18080.00
7	Protection watch and ward from 1 st April to 31 st March(365 Mandays).	As per 2023.24 Wage rate	1	-	612.45	1No./day	223544.00
8	i) Application of bio-fertilizer/DAP to the plant @ 50g per plants including application charge.	G.O.Ms No.339 E&F Fr VI dt.16.12.06	30	Kgs	75.00	1 Kg	2250.00
9	Contingencies for unforeseen expenses, Pesticides, Fungicide, etc.,	LS	-		-	-	2894.00
Total							430000.00

Specification

- 1) Item No. 01, 02, 08 provided as per G.O.No.297 E&F, FR.VI Dt. 15.10.2007
- 2) Item No. 04, 06, 07 provided as per the FSR 2023.24.
- 3) Item No. 03, 05 were most essential for Carrying out maintenance of Misc. Plantation.

Hence this estimate may be allowed and approved.

C.No.264/2021. Dated. 25.07.2023.

Submitted to the District Forest Officer, Thanjavur Division.



**District Forest Officer
Thanjavur Division
Thanjavur.**



Forest Range Officer
Thanjavur Range
Thanjavur

Estimate for Fifth year Maintanance of Compensative Afforestation at Nagavalli RF for Road Extension in Thanjavur Range of Thanjavur Division during 2028-2029.

Species Misc
Area : 1.64 Ha

Espacement : 3 m x 3m
Size of Polythene bags : 16x30cm
Total No.of Survival Plants : 1200 Nos.

Sl. No.	Description	FSR Item	Qty		Rate (Rs.)	Per	Amount
1	i) Application of bio-fertilizer/DAP to the plant @ 100g per plants including application charge.	G.O.Ms No.339 E&F Fr VI dt.16.12.06	30	Kgs	75.00	1 Kg	2250.00
2	Pruning of side branches to attain straight pole.	LR	1200	Nos	612.45	50 No.	14699.00
3	Protection watch and ward from 1 st April to 31 st March(365 Mandays).	As per 2023.24 Wage rate	1	-	612.45	1No./day	223544.00
4	Contingencies for unforeseen expenses, Pesticides, Fungicide, etc.,	LS	-	-	-	-	1007.00
5	Escalation -10% in 4 th year expenses	-	-	-	-	-	28500.00
Total							270000.00

Specification

- 1) Item No. 01, 02, 08 provided as per G.O.No.297 E&F, FR.VI Dt. 15.10.2007
- 2) Item No. 04, 06, 07 provided as per the FSR 2023-24.
- 3) Item No. 03, 05 were most essential for Carring out maintanance of Misc. Plantation.

Hence this estimate may be allowed and approved.

C.No.264/2021. Dated. 26.07.2023.

Submitted to the District Forest Officer, Thanjavur Division.


**District Forest Officer
Thanjavur Division
Thanjavur.**


Forest Range Officer
Thanjavur Range
Thanjavur

**Estimate for sixth year Maintenance of Compensative Afforestation at Nagavalli RF
for Road Extension in Thanjavur Range of Thanjavur Division during 2029-2030.**

Species Misc Espacement : 3 m x 3m
 Area : 1.64 Ha Size of Polythene bag : 16x30cm
Total No.of Survival Plants : 1200 Nos.

Sl. No.	Description	FSR Item	Qty		Rate (Rs.)	Per	Amount
1	i) Application of bio-fertilizer/DAP to the plant @ 100g per plants including application charge.	G.O.Ms No.339 E&F Fr VI dt.16.12.06	30	Kgs	75.00	1 Kg	2250.00
2	Pruning of side branches to attain straight pole.	LR	1200	Nos	612.45	50 No.	14699.00
3	Protection watch and ward from 1st April to 31st March(365 Mandays).	As per 2023.24 Wage rate	1	-	612.45	1No./day	223544.00
4	Contingencies for unforeseen expenses, Pesticides, Fungicide, etc.,	LS	-	-	-	-	2507.00
5	Escalation -10% in 5th year expenses	-	-	-	-	-	27000.00
Total							270000.00

Specification


- 1) Item No. 01, 02, 08 provided as per G.O.No.297 E&F, FR.VI Dt. 15.10.2007
- 2) Item No. 04, 06, 07 provided as per the FSR 2023-24.
- 3) Item No. 03, 05 were most essential for Carrying out maintenance of Misc. Plantation.
Hence this estimate may be allowed and approved.

C.No.264/2021. Dated. 26.07.2023.

Submitted to the District Forest Officer, Thanjavur Division.



District Forest Officer
Thanjavur Division
Thanjavur.


 Forest Range Officer
Thanjavur Range
Thanjavur

**Estimate for seventh Year Maintanance of Compensative Afforestation at
Nagavalli RF for Road Extension in Thanjavur Range of Thanjavur Division
during 2030.2031.**

Species : Misc

Espacement

: 3m x 3m

Area : 1.64 Ha

Size of Polythene bags

: 16x30cm

Total No.of Survival Plants :

1200 Nos.

Sl. No.	Description	FSR Item	Qty		Rate (Rs.)	Per	Amount
1	i) Application of bio-fertilizer/DAP to the plant @ 100g per plants including application charge.	G.O.Ms No.339 E&F Fr VI dt.16.12.06	30	Kgs	75.00	1 Kg	2250.00
2	Pruning of side branches to attain straight pole.	LR	1200	Nos	612.45	50 No.	14699.00
3	Protection watch and ward from 1 st April to 31 st March(365 Mandays).	As per 2023-24 Wage rate	1	-	612.45	1No./day	223544.00
4	Contingencies for unforeseen expenses, Pesticides, Fungicide, etc.,	LS	-	-	-	-	2507.00
5	Escalation -10% in 6th year expenses	-	-	-	-	-	27000.00
Total							270000.00

Specification

- 1) Item No. 01, 02, 08 provided as per G.O.No.297 E&F, FR.VI Dt. 15.10.2007
- 2) Item No. 04, 06, 07 provided as per the FSR 2023-24.
- 3) Item No. 03, 05 were most essential for Carring out maintanance of Misc. Plantation.
Hence this estimate may be allowed and approved.

C.No.264/2021. Dated. 26.07.2023.

Submitted to the District Forest Officer, Thanjavur Division.


 District Forest Officer
 Thanjavur Division
 Thanjavur.


 Forest Range Office
 Forest Range Office
 Thanjavur.

Estimate for Eighth Year Maintanance of Compensative Afforestation at Nagavalli RF for Road Extension in Thanjavur Range of Thanjavur Division during 2031.2032.

Species : Misc

Espacement

: 3 m x 3m

Area : 1.64 Ha

Size of Polythene bags

: 16x30cm

Total No.of Survival Plants :

1200 Nos.

Sl. No.	Description	FSR Item	Qty		Rate (Rs.)	Per	Amount
1	i) Application of bio-fertilizer/DAP to the plant @ 100g per plants including application charge.	G.O.Ms No.339 E&F Fr VI dt.16.12.06	30	Kgs	75.00	1 Kg	2250.00
2	Prunning of side branches to attain straight pole.	LR	1200	Nos	612.45	50 No.	14699.00
3	Protection watch and ward from 1 st April to 31 st March (365 Mandays).	As per 2023.24Wage rate	1	-	612.45	1No./day	223544.00
4	Contingencies for unforeseen expenses, Pesticides, Fungicide, etc.,	LS	-	-	-	-	2507.00
5	Escalation -10% in 7th year expenses	-	-	-	-	-	27000.00
Total							270000.00

Specification

- 1) Item No. 01, 02, 08 provided as per G.O.No.297 E&F, FR.VI Dt. 15.10.2007
- 2) Item No. 04, 06, 07 provided as per the FSR 2023-24.
- 3) Item No. 03, 05 were most essential for Carrying out maintanance of Misc.Plantation.
Hence this estimate may be allowed and approved.

C.No.264/2021. Dated. 25.07.2023.

Submitted to the District Forest Officer, Thanjavur Division.



**District Forest Officer
Thanjavur Division
Thanjavur.**



**Forest Range Office,
Forest Range Office,
Thanjavur.**

Estimate for Tenth Year Maintenance of Compensative Afforestation at Nagavalli RF for Road Extension in Thanjavur Range of Thanjavur Division during 2032-33.

Species : Misc

Espacement

3m x 3m

Area : 1.64 Ha

Size of Polythene bags

16x30cm

Total No.of Survival Plants :

1200 Nos.

Sl. No.	Description	FSR Item	Qty		Rate (Rs.)	Per	Amount
1	i) Application of bio-fertilizer/DAP to the plant @ 100g per plants including application charge.	G.O.Ms No.339 E&F Fr VI dt.16.12.06	30	Kgs	75.00	1 Kg	2250.00
2	Prunning of side branches to attain straight pole.	LR	1200	Nos	612.45	50 No.	14699.00
3	Protection watch and ward from 1 st April to 31 st March(365 Mandays).	As per 2023.24 Wage rate	1	-	612.45	1No./day	223544.00
4	Contingencies for unforeseen expenses, Pesticides, Fungicide, etc.,	LS	-	-	-	-	2507.00
5	Escalation -10% in 8th year expenses	-	-	-	-	-	27000.00
Total							270000.00

Specification

- 1) Item No. 01, 02, 08 provided as per G.O.No.297 E&F, FR.VI Dt. 15.10.2007
- 2) Item No. 04, 06, 07 provided as per the FSR 2023-24.
- 3) Item No. 03, 05 were most essential for Carrying out maintenance of Misc. Plantation.
Hence this estimate may be allowed and approved.

C.No.264/2021. Dated. 27.07.2023.

Submitted to the District Forest Officer, Thanjavur Division.


District Forest Officer
Thanjavur Division
Thanjavur.


Forest Range Officer,
Forest Range Office,
Thanjavur.

Estimate for Extration of Immature miscellantous trees at Nagavalli RF for Road Extension of Thanjavur Division during 2023-24

- i) Date of checking of Form II by the DFO
 ii) Date of checking of Form II by the CF
 iii) Tree Cutting order No. and date
 iv) Name of proposed Depot and Distance

Depot :

Distance:

Sl. No	Qty	Unit	Description of the work	Unit Code	Mandays as per PCCF FSL	Rate in Rs. Ps per unit PCCF FSL rate for the year	Rate Per Tree/ Log/M ³	Amount in (Rs.)
PART - I								
1	60	Tree	Clearing the natural growth in the canal bank areas for light growth around each tree.(50% of the survival)	6.5.1 (FSR-2023-24)	0.0625	612.45	38.28	2297.00
2	120	Tree	Enumeration and blazing of trees and numbering at two places one at breast height and other bottom and taking measurement for Form II	6.5.2 (FSR-2023-24)	0.0285	612.45	17.45	2095.00
3	120	Tree	Cost of paint 10 ml./per tree (Field operation)	6.5.10. Local Rate	LS	700.00	7.00	840.00
4	120	Tree	Girdling of trees by way of removing the bark in 30cm	6.5.3 (FSR-2023-24)	0.0625	612.45	38.28	4594.00
5			Felling trees with saw of all girth 30 cm and above					
	18	Tree	Below 90cm (Bottom girth)	6.5.4	0.20	612.45	122.49	2205.00
	7	Tree	90cm - 119cm (Bottom girth)	6.5.4	0.33	612.45	202.11	1415.00
	0	Tree	120cm-149cm (Bottom girth)	6.5.4	0.50	612.45	306.23	0.00
	0	Tree	150cm and above	6.5.4	1.00	612.45	612.45	0.00
6	120	Tree	Pruning the branches in the felled trees and stacking.	6.5.5	0.10	612.45	61.25	7349.00
7	124	Log	Cost of Paint 10ml/tree/log	Local Rate	LS	700.00	7.00	868.00
8	124	Log	Numbering the individual logs by paints.		0.019	612.45	11.64	1443.00
9	7.84	M ³	Conversion of felled trees in to logs and numbering at both ends including removal of a strip of bark in the middle for taking middle girth measurement.	6.5.6	4.00	612.45	2449.80	19206.00
10	7.84	M ³	Form III measurement taking, checking, recording and preparing invoice by skilled timber measurer.	6.5.7	4.00	612.45	2449.80	19206.00
11	7.84	M ³	Dragging the timber logs from felling site to road site upto a distance of 2Km.	6.5.7	4.00	612.45	2449.80	19206.00
12	7.84	M ³	Loading and unloading of timber logs from field site and depot site.	6.5.8	3.00	612.45	1837.35	14405.00
13	7.84	M ³	Transporting of timber logs from road site to Central timber depot.(Local Market Rate, 1Km/M3/ Rs.40/-)	6.5.9. LMR	LS (90km)	40	3600.00	28224.00

Sl. No	Qty	Unit	Description of the work	Unit Code	Mandays as per PCCF FSL	Rate in Rs. Ps per unit PCCF FSL rate for the year	Rate Per Tree/ Log/M ³	Amount in (Rs.)
14	124	Log	Cost of paint 10 ml /log ,(Local Market Rate)	6.5.10. Local Rate	LS (LMR)	700	7.00	868.00
15	124	Log	Depot Operation-Numbering the individual logs in pain. (Local Market Rate)	6.5.11	0.019	612.45	11.64	1443.00
16	7.84	M ³	Assistance for receiving invoice , measuring, numbering, checking of measurement classification of Quality & finding defect by skilled labour for grading	LR	0.4000	612.45	244.980	1921.00
17	7.84	M ³	Dragging the timber logs inside the depot and sorting, stacking and lotting of timber.	6.5.13	2.00	612.45	1224.90	9603.00
PART - II								
18	95	trees	Palm tree	-	-	300.00	-	28500.00
19	-	L.S	Contingencies (Preparation of lot reg, nailing of name boards, dummy lot preparation, etc.)	LS (LMR)	-	-	-	3312.00
TOTAL							Rs.	169000.00

C.No.264/2021. Dated. 25.07.2023.

Submitted to the District Forest Officer, Thanjavur Division.



**District Forest Officer
Thanjavur Division
Thanjavur.**



Forest Range Officer
Thanjavur Range
Thanjavur

Estimate for Raising Misc. Nursery in Compensative Afforestation at Nagavalli RF for Road Extension in Thanjavur Range of Thanjavur Division during 2023.2024.

Species : Misc	Espacement	: 3mx3m
Area : 1.64Ha	Size of Polythene bags	: 16x30cm
	Total Nos.	: 1200 Nos
	10 % Replacement of casualties	: 120 Nos
	Total	: 1320 Nos

Wage rate Rs. 612.45/per day for 2023-24.

Sl. No.	Description operation	FSR item No.	Mandays	Qty	Rate	Per Qty	Amount
1	Preparation of nursery site-by clearing and levelling the site for forming Five standard beds of 10mx1m size	<u>4.1</u> 2023.24	2.42	200 M ²	1482.13	200M ² (10 std beds)	1482.00
2	Cost of polythene bags-size 13x25x300G	Tender rate	-	1320 Nos	1000.00	1000 Nos	1320.00
3	Cost of Misc seeds	Rate of Geneties	-	3 Kg	150.00	kg	450.00
4	Cost of Farmyard manure for beds including transport charges	TAF CORN FSR Item No.15	-	1.5 M ³	572.00	M ³	858.00
5	Formation of germination beds of 10mx 1 mx30cm with seeds supporting dibbling of seeds watering for the day and converting with straw excuting cost of manure	<u>4.4</u> 2023.24	2	10 Beds	1224.90	Per Bed	12249.00
6	Watering the Mother beds						
a)	Watering the germination beds twice daily with rose can for 30 days	<u>4.5.1</u> 2023.24	0.82	10 Beds	502.21	10 Beds/day	15066.00
b)	Watering the germination beds once daily with rose can 30 days	<u>4.5.2</u> 2023.24	0.41	10 Beds	251.10	10 Beds/day	7533.00
c)	Watering the germination beds Alternate 60 days (30 W/d)	<u>4.5.2</u> 2023.24	0.41	10 Beds	251.10	10 Beds/day	7533.00
d)	Watering the germination beds once in a week for 1 Months (4 W/d)	<u>4.5.2</u> 2023.24	0.41	10 Beds	251.10	10 Beds/day	1004.00
7	Purchase of fertile earth including red soil silt sand etc.,(1:2:1)	LMR		3 m ³	1000	per cum	3000.00
8	Preparation of soil moisture by breaking clouds sieving and mixing of fertile earth including red soil silt sand etc according to requirements and Farmyard manure heaping at the filling site and filling in polythene bags arranging begs in beds and pricking- out of the seedlings (Excluding cost of earth and farm yard manure)	<u>4.6.5</u> 2023.24	4.48	1320 Nos	3644.08	1000	4810.00
9	Cost of Vermicosting @ 35g/Seedlings		-	46.20 Kg	10.00	Per Kg	462.00
10	Cost of VAM @ 15g/Seedlings	As per Research wing rate	-	19.80 Kg	18.00	Per Kg	356.00
11	Cost of Azosphirillam @ 6g/Seedlings		-	7.92 Kg	27.00	Per Kg	214.00
12	Cost of Phosphobacteria @ 6g/Seedlings		-	7.92 Kg	27.00	Per Kg	214.00

13	Forming temporary Shade pandals 10mx1m including collection of grasses, materials etc.,	$\frac{4.9}{2023-24}$	1.00	5 Nos	612.45	Per pandal	3062.00
14	Preparation of teak stumps from 8-12 Months old seedlings and sowing in Container bags.	$\frac{6.2}{2023-24}$	6	1320 Nos	3674.70	1000 Nos	4851.00
15	a. Watering the container teak stumps daily once for 30 days	$\frac{4.11.5}{2023.24}$	0.185	1320/30 d Nos	113.30	1000 Nos	4487.00
16	b. Watering the container teak stumps alternate days for 60 days (30 days)	$\frac{4.11.5}{2023.24}$	0.185	1320/30 d Nos	113.30	1000 Nos	4487.00
17	Shifting the container plants weeding, grading and replacement of causalities in the bags for 4 times	$\frac{4.15.5}{2023.24}$	0.79	1320 Nos	483.84	1000/Shift	2555.00
18	Cost of water for watering seedlings from private wells(480days)	PecfME	-	1320 No	1.60	1000 Nos	1014.00
19	Land rent for Nursery in Private lands for 16 Months	PecfME	-	3000 m ²	86.00	40sq.m/ Month	103200.00
20	Watch and Ward for Protection in the Nursery for 480days.	FSR 2023-24	-	1320 Nos	612.45	100000 Nos	3880.00
21	Documentation Charges Viz., Nursery Journal, Photo album, Videos.	LS	-	- -	-	-	4000.00
22	Contingencies Spraying pesticides etc. Land rent and Cost of Water etc., at Nursery site. (within 2% of the total cost)	L.S	-	- -	-	-	2913.00
	Total						191000.00

Specifcator :

- 1) Item No. 1, 5, 6, 7, 8 & 13, the rate provided in this Estimate is as per the FSR 2023-24 .
- 2) Item No. 10, 11, 12 & 13a, the rate provided in this Estimate is as per the FSR 2023.24.
- 3) Item No. 2 - The rate provided is as per the tendor rate 2018-19.
- 4) Item No. 3 The rate provided is as per the Genetics, Coimbatore.
- 5) Item No. 4 & 9. The rates provided in this Estimate is as per TAF CORN CSR 2017-18.
- 6) Item No. 14 is for unforeseen expenditure within the prescribed limit.

All the above item of works are very essential for Raising Misc. Nursery in Thanjavur division.

C.No.264/2021. Dated. 25.07.2023.

Submitted to the District Forest Officer, Thanjavur Division.



**District Forest Officer
Thanjavur Division
Thanjavur.**



Forest Range Officer
Thanjavur Range
Thanjavur

Estimate for Raising Misc. Plantation in Compensative Afforestation at Nagavalli RF for Road Extension in Thanjavur Range of Thanjavur Division Under CAMPA Scheme during 2023-24

Species: Misc

Area : 1.64 Ha

Espacement : 3 m x 3m

Size of Polythene bags : 16x30cm

Total No.of plants to be Planted : 1200 Nos.

10% Casualities Ceplacement : 120 Nos.

Total = 1320 Nos.

Sl. No	Description	FSR Item	Quantity		Rate (Rs.)	Per	Amount
1	Clearing the planting site cutting and clearing uprooting in the canal bank areas for light to medium growth.	Pwd SSR - 2020-21	16400	sq.m	6.70	Sqm	109880.00
2	Aligning and marking plans and tank beds	5.2.1 / 2023.24	1200	Nos	845.18	1000 Nos	1014.00
3	Digging 45 cm ³ pits in canal bank for planting	5.6.2 / 2023.24	1200	Nos	1978.21	100 Nos	23739.00
4	Transporting of Teak container plants upto a lead of 20 Km in Private Vehicle.	Local Rate	1320	Nos	3000.00	Minimum rate	3000.00
5	Transporting of Teak container plants by head loads in the places where approach roads not available to take vehicles to planting site	5.13.2 (ii)	1320	Nos	3196.99	1000 Nos	4220.00
6	Loading and unloading of Container plants	5.11.5	1320	Nos	1096.29	1000 Nos	1447.00
7	Distribution of container plants						
	I. Up to 100mt	5.15.1	660	Nos	1916.97	1000 Nos	1265.00
	II. Up to 200mt	5.15.2	660	Nos	2854.02	1000 Nos	1884.00
8	Planting teak container seedlings in 45 cm ³ pits	5.21	1200	Nos	704.32	100 Nos	8452.00
9	Application of DAP 50gram per pit at the time of Planting.	LMR	60	Kgs	40.00	per kg	2400.00
10	Watering daily with one pot of water for 1st 14 days from the date of planting (Effective 14 days)	TAFORN Rate Item No.54/ 2020-21	<u>1320</u> 14days	Nos	1310	1000Nos/ day	24209.00
11	Watering alternate days with one pot of water for 1st 14 days from the date of planting (Effective 7 days)	TAFORN Rate Item No.54/ 2020-21	<u>1320</u> 7days	Nos	1310	1000Nos/ day	12104.00
12	Watering during dry season once in five days from January 2023 to March 2024 (18 w/days)	TAFORN Rate Item No.54/ 2020-21	<u>1320</u> 18days	Nos	1310	1000/ day	31126.00


13	Digging wells by open excavation in river bed where water table is less than 3.00 m depth and 4 m dia one well for 200 plants or stumps (each of 1.5Mt depth)	Wage rate / 2023.24	6	Nos	612.45	1No	3675.00
14	Replacement of casualties	5.23 / 2023.24	120	Nos	1693.42	100 Nos	2032.00
15	Scrap weeding for 1Mt dia and removing to 15cm depth around each plant and removing the grass root from the site up turning the soil both in the plains and hillocks. (Two times) Note: Whether done for first time or second time the same rate	5.24 / 2023.24	1200	Nos	753.31	100 Nos	18080.00
16	Pruning of side water shoots and plugging of buds to avoid branching at a interval of 3 months from the date of planting.	LR	1200	Nos	612.45	50 Nos	14699.00
17	Protection watch and ward from the date of planting for 8 months. (1.0No./2000 Nos for 30x8x1=240 days)	As per 2023.24 Wage rate	6.00 / 240 days	No/Ha	612.45	1No. /each	881928.00
18	i) Application of bio-fertilizer to the plant @ 25g per plants including cowdung	G.O.Ms No.339 E&F Fr VI dt.16.12.06	30	Kgs	50.00	1 Kg	1500.00
19	Cost of Poultry Manure @ 250 gms Per Plant including transportation	TAF CORN FSR Item No. 14 / 2017-18	300	Kgs	20.00	1 Kg	6000.00
20	Application of Poultry Manure @ 200 gms Per Pit	FSR TRY / 2023.24	1200	Nos	612.45	1000 Nos	734.94
21	Erection of Name board	G.O.Ms. No. 339 E & F FR. VI Dt. 6.12.06	1.00	No.	-	1 No	10000.00
22	Documentation Charges Viz., Nursery Journal, Photo album, Videos.	LS	-	-	-	-	10000.00
23	Contingencies for unforeseen expenses, Pesticides, Fungicide, etc.,	LS	LS	LS	-	-	1611.06
Total							1175000.00

Specification

- 1) Item No. 1, 2, 3, 5, 6, 7, 8, 11, 12, 13, 15 & 18. The rates provided in this Estimate is as per FSR 2023.24.
- 2) Item No. 9, 10, 17. The rates provided in this Estimate is as per TAF CORN FSR 2017-18.
- 3) Item No. 14, 16, 19 as per the GO -339 (E&F) FR VI date 06.12.2006.
- 4) Item No. 4 is Local rate with reference to quotations.
- 5) Item No. 20 is Unforeseen expenditure actuals.

C.No.264/2021. Dated. 25.07.2023.

Submitted to the District Forest Officer, Thanjavur Division.

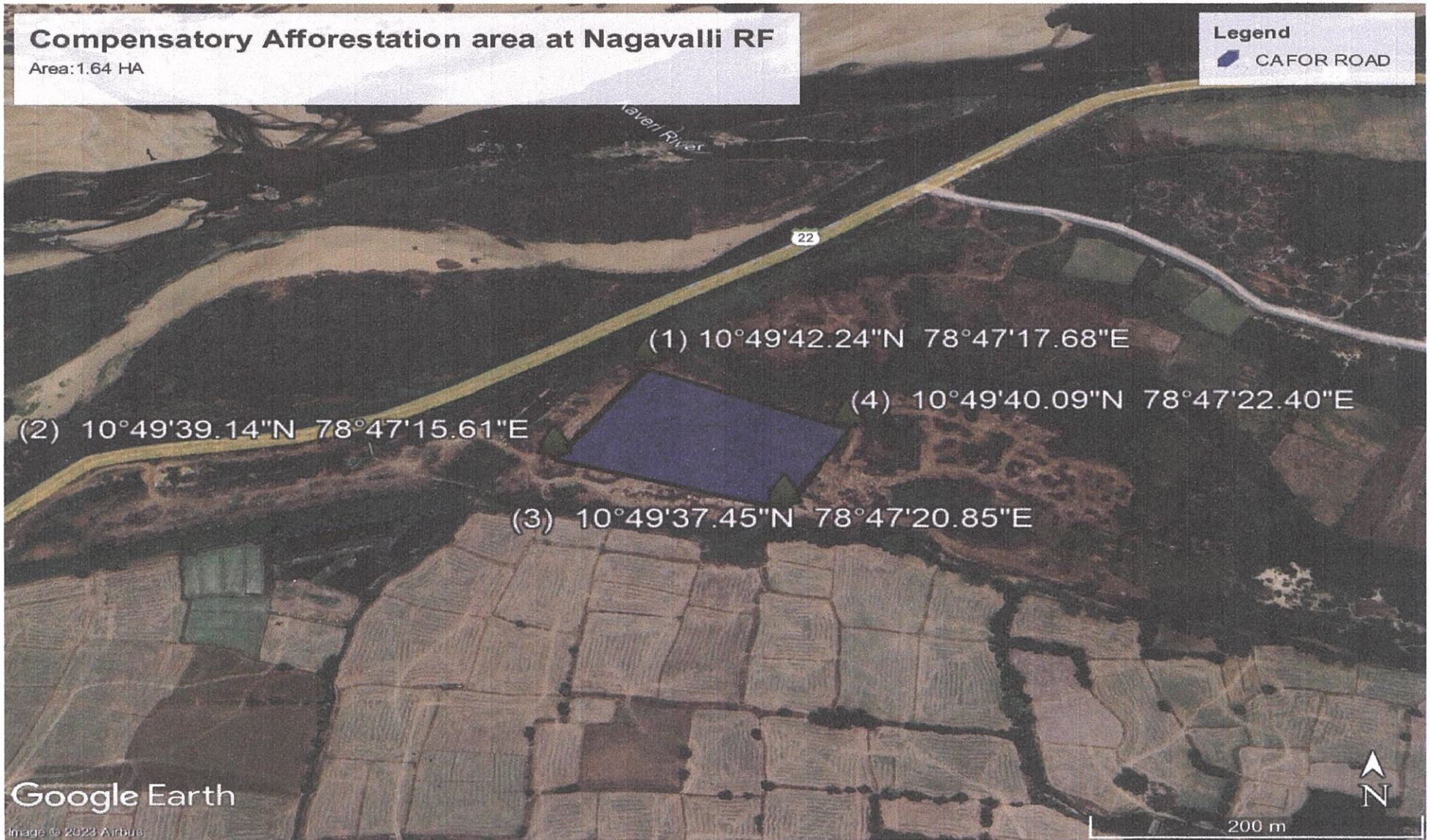

 Forest Range Officer,
 Forest Range Office,
 Thanjavur Division,
 Thanjavur.

Compensatory Afforestation area at Nagavalli RF

Area: 1.64 HA

Legend

 CAFOR ROAD




Forest Range Officer,
Thanjavur Range Thanjavur.


RECOMMEDATION OF THE DISTRICT FOREST OFFICER,

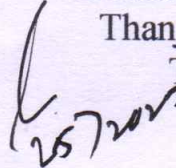
THANJAVUR DIVISION, THANJAVUR

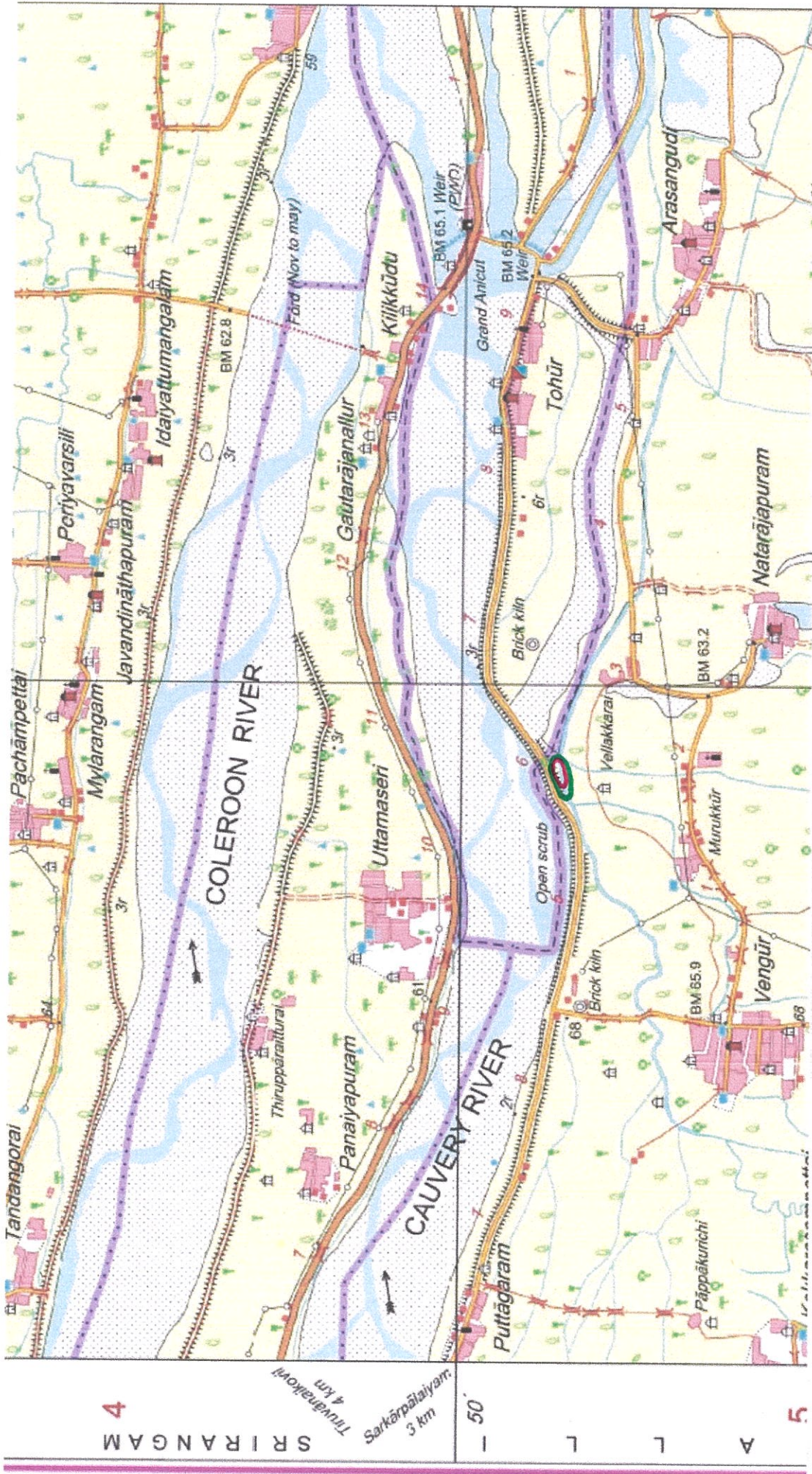
Proposal for the diversion of Forest land under Forest (Conservation) Act 1980 - Trichy Circle / Thanjavur Forest Division – Proposal for diversion of 0.750 Hac. (Mavuthiruppu RF Bit-I) of Forest land for the construction of Collector well and Foot bridge combined water supply scheme in CWSS to Nagapattinam Municipality Thittachery Town Panchyat, Velankanni Town Panchayat Kilvelur Town Panchayat Thalainayar Town Panchayat and 980 rural habitations in Nagapattinam, Thirumarugal, Kilvelur, Keelaiyur, Thalainayar and Vedaranyam unions in Nagapattinam. District.



FP/TN/WATER/412993/2023

The proposed site for the construction of Collector well and foot bridge for drinking water purpose inside Mavuthiruppu Bit I Reserved Forest of Kumbakonam Range, in Thanjavur Division was inspected on 13.06.2023. The Proposal is hereby recommended since the project is designed to provide drinking water public facilities to the public in Nagapattinam Municipality, Thittachery Town Panchyat, Velankanni Town Panchyat, Kilvelur Town Panchayat, Thalainayar Town Panchayat and 980 rural habitations in Nagapattinam District. Since it is a genuine requirement, it can be permitted under the guidelines of Forest Conservation Act 1980.


District Forest Officer,
Thanjavur Division,
Thanjavur.

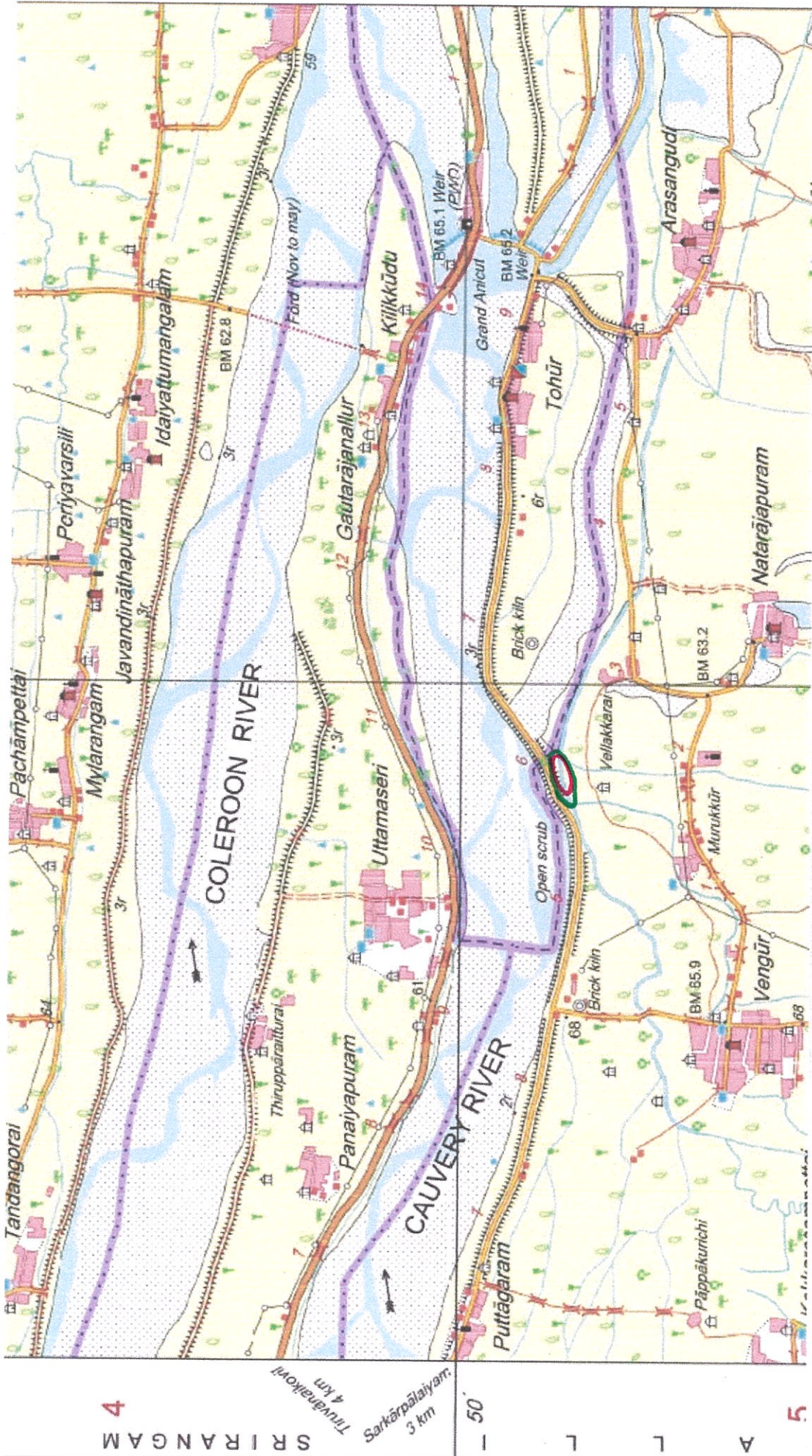

25/7/2023



 - Negavalby Reserved Forest
 - Area for Compensatory Afforestation


 Forest Range Officer,
 Forest Range Office,
 Thanjavur.


 District Forest Officer,
 Thanjavur Division,
 Thanjavur



 Naturally Reserved forest
 Area for Compensatory Afforestation.


 Forest Range Officer,
 Forest Range Office,
 Thanjavur.


 21/02/2020

District Forest Officer,
 Thanjavur Division,
 Thanjavur