

TAMILNADU FOREST DEPARTMENT

From

Thiru. T.K.Ashokkumar, I.F.S.,
District Forest Officer,
Coimbatore Division,
Coimbatore-641043.

To

The Principal Chief Conservator of Forests,
(Head of Forest Force),
Chennai – 15.

Through

The Conservator of Forests and Field
Director,
Anaimalai Tiger Reserve,
Coimbatore – 43.

Ref.No.3953/2022/D1 dated. 11.08.2022

Sir,

Sub: Forests (Conservation) Act,1980 – Coimbatore Forest
Division – Online forest clearance proposal for diversion of
4.85 ha. Of forest land in Pillur slope RF of Coimbatore
Forest Division for improvement of 230KV Substation into
400 KV Substation at Parali in Coimbatore District –
Report submission – Regarding.

- Ref:
1. The Principal Chief Conservator of Forests, (Head
of Forest Force) Chennai Ref. No.TS3/43555/2021
Dated.14.07.2022
 2. The Superintending Engineer, General
Construction Circle, Coimbatore – Lr. No.
SE/GCC/CBE/AEE/MONT/F.Parali 400/230 KV SS
/ D.No.225/22, dated 05.08.2022

* * * * *

With reference to the short comings pointed out in the Principal Chief
Conservator of Forests (HoFF), Chennai reference 1st cited above, I submit my remarks
as follows.

1. Regarding the Compensatory Afforestation, as instructed by the Principal
Chief Conservator of Forests (HoFF), Chennai, the Compensatory
Afforestation area has been identified in the degraded forest area of Erakkorai
Saragam in Odanthurai Beat, Sirumugai Range which is suitable for raising
Compensatory Afforestation plantation. The extent of proposed
Compensatory Afforestation plantation area is 10.00 Ha. Accordingly revised
maps of proposed degraded forest area for Compensatory Afforestation and

revised estimates for Compensatory Afforestation scheme are submitted herewith for kind perusal. Necessary details have been uploaded to this effect in the Part – II of online proposal.

2. I also submit that, the proposed Forest Diversion area of Pillur Slope Reserved Forest does not fall in National Park, Wildlife Sanctuary, Tiger Reserve, Elephant Corridor or Wildlife Migration corridor. The proposed diversion area comes under Nilgiris Biosphere Reserve. The said area is already under lease with Tamil Nadu Electricity Board occupied with old staff residential quarters and old vehicle sheds. Hence, there would not be any impact on wildlife.
3. The proposed forest land diversion falls in Pillur slope Reserved Forests but not in Nellithurai Reserved Forests as mentioned by the User Agency. Now the Superintending Engineer, General Construction Circle, Coimbatore has stated in the reference 2nd cited that, the name of Reserved Forest mentioned as “Nellithurai RF” may be corrected in application and recorded as the proposed forest area diversion for the improvement of 230 KV Substation into 400 KV Substation may be changed as “Pillur slope RF”.

This is for favour of kind information.

Encl : As stated above

Yours Faithfully,
Sd/- T.K.Ashokkumar
District Forest Officer
Coimbatore Division.

Copy submitted to the Conservator of Forests & Field Director, Anaimalai Tiger Reserve, Coimbatore.

//True copy/ By order//


For Superintendent

TANTRANSCO

From

Er.S.Sivaprakash,M.E.,M.B.A.,

Superintending Engineer ,

General Construction Circle,

182, Dr.Subbarayan road,

Tatabad, Coimbatore – 12.

Lr.No.SE/GCC/CBE/AEE/MONI/F.Parali 400/230 KV SS /D.No. 225/22,dt. 05.08.2022.
Sir,

To

✓ The District Forest Officer,
Coimbatore Division,
Coimbatore.

Sub: TANTRANSCO - GCC / CBE – Forest (Conservation) Act, 1980 – Online
Forest clearance proposal for diversion of 4.85 ha of forest land in
Nellithurai RF of Coimbatore Forest Division for improvement of 230 KV
Substation into 400 KV Substation at Parali in Coimbatore District –
Regarding.

Ref:1.Online forest clearance proposal uploaded by the Superintending
Engineer, GCC, Transmission Line Construction (TANTRANSCO),
Coimbatore – 12 – Proposal No. FP/TN/Substation/149440/2021.

2. Principal Chief Conservator of Forests/Chennai's E-mail C.No.TS3/
43555/2021, Dated:14.07.2022.

Forest clearance proposal for the subject work was uploaded in online Parvesh portal
on 19.11.2021. In this above proposal it is mentioned that the proposed 400 KV Substation
located in Nellithurai Reserve Forest.

However, in the reference (2) cited, it is noticed that the proposed site is located in
Pillur slope RF.

During discussion with Forest Officials, it is ascertained that the leased out area under
the possession of TNEB is lies in the tri-junction of Pillur slope RF, Nellithurai RF and Gopinari
RF. Further it was confirmed that the proposed 400 KV site lies in the Pillur slope RF.

As the co-ordinates of the location for proposed site remains same, the name of
Reserve Forest mentioned as " Nellithurai RF " may be corrected in application and recorded
as the proposed forest area diversion for the improvement of 230 KV Substation into 400 KV
Substation may be changed as " **Pillur slope RF** " instead of Nellithurai RF please.

Yours faithfully,


**SUPERINTENDING ENGINEER ,
GCC/ COIMBATORE.**

Copy submitted to the Chief Engineer/TP II/Trichy.

Copy submitted to the Chief Engineer/Civil/ Transmission/Chennai.

Copy to the Executive Engineer/TLC/Mettupalayam.

**ESTIMATE FOR RAISING NURSERY FOR PLANTATION OF DEGREADED FOREST OF
ERAKKORAI SARAGAM OF ODANTHURAI BEAT OF SIRUMUGAI RANGE DURING
2022-23**

Diverted land		4.85 Ha	No. of Seedlings		
Area :			1000 Nos / Ha for	=	10000 Nos
Degreaded Forest land		10.00 Ha	10.00 Ha		
Area :			10 % of Casualty	=	1000 Nos
			TOTAL	=	11000 Nos

Si. No	Quantity		Discription of Work	FSR/SSR Item No.	Rate	Per	Amt
1	2500	Sqm	Preparation of Nursery Site	4.1	1170.68	200 Sqm	14634
2	11000	Nos	Cost of Seedlings (Lifted from Private Nursery)	As per Quotation	200.00	1 No	2200000
3	11000	Nos	Cost of CFS Polythene container of Size 30 x 45 cm x 300 Gauge	Tender rate	6584.40	10000 No	72428
4	22	Trip	Transport of Saplings by Private Vehicle (Transported to Radius upto 3 KM)	LR	6000	1 Trip	132000
5	51.16	M ³	Cost and Transport of Sand (20 M ³ for forming Mother bed 31.16 M ³ for Filling Bags)	MTP ME	750.00	0.65 M ³	59030
6	51.16	M ³	Cost and Transport of Silt (20M ³ for forming Mother bed 31.16M ³ for Filling Bags)	MTP ME	750.00	0.65 M ³	59030
7	51.16	M ³	Cost and Transport of Farm Yard Manure (20M ³ for forming Mother bed 31.16M ³ for Filling Bags)	MTP ME	750.00	0.65 M3	59030
8	11000	Nos	Preparation of Soil Mixture by Breaking Clouds Seiving and mixing of Sand Silt according to requirement and Farm Yard Manure , Heaping at the Filling Poly Bags , Arranging Bags in Beds and Transplanting the Seedlings.	4.6.7	13820.74	1000 Nos	152028
9	11000	Nos	Watering the Container Plants Once Daily From (36 Days)	4.11	270.90	1000 / Day	107276
10	11000 44 Days	Nos	Watering the Container Plants Weekly twice in 152 Days From 1 st April to 30 th August	4.11.7	270.90	1000 / Day	131116

Si. No	Quantity		Discription of Work	FSR/SSR Item No.	Rate	Per	Amt
11	11000 10 Shifts	Nos	Weeding Shifting and arranging in beds (10 Shifting).	4.15.7	1301.29	1000 / Day	143142
12	220	Kgs	Cost of DAP @ 10 gms per Plant in two times	As per Research Wing Rate	25.00	1 Kg	5500
13	220	Kgs	Cost of Neem Cake @ 10 gms per Plant in two times.	As per Research Wing Rate	25.00	1 Kg	5500
14	11000 No 180 Days	Days	Engaging one Protection Mazdoor	As Per FSR 2020-21	483.75	100000 Nos / Day	9578
15	8	Nos	Hose pipe for Watering	LR	6600.00	1 No	52800
16	3	No	Rose Cane for Watering	LR	2200.00	1 No	6600
17	3000	m	Providing chainlink fence	as model estimate	1450.00	RM	4350000
18	LS	—	Contingencies for Unforseen Expenditure.	—	—	—	3945
	Sub total						75,63,636
	Escalation charges 10% extra for the year 2023-2024						7,56,364
	Total						83,20,000

(Rupees Eighty three Lakhs and Twenty thousand only)

Sir ,

Submitted to the District Forest Officer, Coimbatore Division, Coimbatore.

(Counter Signed /

District Forest Officer
Coimbatore Division
Coimbatore - 641 043.




Forest Range Officer
Sirumugai Range
Sirumugai

**ESTIMATE FOR PLANTING SEEDLINGS IN DEGRADED FOREST IN ERAKKORAI
SARAGAM OF ODANTHURAI BEAT OF SIRUMUGAI RANGE DURING 2022-23**

No. of Seedlings

**Diverted Area -
Degraded** **4.85 Ha
10.00 Ha**

1000 Nos / Ha for = 10000 Nos
10.00 Ha
10 % of Casualty = 1000 Nos
TOTAL = 11000 Nos

Sl. No	Quantity	Description of Work	FSR/SSR Item No.	Rate	per	Amount
1	10 Ha.	Aligning & Marking	5.2.1	667.58	Nos.	6676
2	11000	Digging 60cm ³ pits hard gravelly soil & hillocks during non rainy seasons	5.8.1	4479.53	100 Nos	492748
3	11000	Loading & unloading the container seedlings (30 x 45 cm) in private lorry upto a lead of 2 kms. Excluding hire charges for the vehicles)	5.1.1.7	1591.54	1000Nos	17507
4	11000/ 22 load	Transporting of Container seedling (30x45 cm) in private vehicles upto a lead of 10 kms. Excluding loading and unloading charges @ 200 Nos/load	L.R	6000.00	1000 Nos / load	132000
5	11000 nos	Transporting of Container seedling (30x45 cm) by head loading the places where approach roads are not available to take vehicles for planting site upto 500 mts in plains	5.13.2 (1)	16447.50	1000	180923
6		Distribution of seedling in the site, C.plants upto 500 mtrs				
		In Hillocks				
a)	7000	Up to 100m	5.15.1	4837.50	1000 nos	33863
b)	7000	Up to 200m	5.15.2	8465.63	1000 nos	59259
c)	4000	Up to 500m	5.15.3	19833.75	1000 nos	79335
7	10000 nos	Planting the container plants by refilling pit of size 60 cm	5.22	827.21	100 Nos	82721
8	1000 nos	Replacement of casualties by reopening the failed pits and planting the seedlings	5.23	2239.77	100 Nos	22397
9	10000 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 uprooting the soil	5.24	595.01	100 Nos	59501
10	5 No / 6 Months	Engaging Protection Mazdoor From October - March (25 days).	FSR	483.75	1 Day	362813

11	1 No.	Drilling of borewell and installation of motor with solar panel including pipe line for irrigation purpose in the planting area.	As per model estimate	1500000.00	No.	1500000.00
12	2.5 KM	Digging of EPT around the Planting area (10 Ha.)	As per model estimate	700000.00	KM	1750000
13	1 No.	Laying movable wooden platform for entering into the planting area from outside of the EPT.	LQ	50000.00	No.	50000
Sub Total						48,29,742
14		Escalation charges 10 %				447974
15	L.S	Contingencies for unforeseen expenditure to be restricted to as per actual etc.,	L.S	L.S	L.S	2284
Total						52,80,000

(Rupees Fifty two lakhs and Eighty Thousand only)

Forest Range Officer
Sirumugai Range
Sirumugai

/Correctly Signed/

[Signature]
District Forest Officer
Coimbatore Division
Coimbatore - 641 043.

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11/13/22

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**ESTIMATE OF FIRST YEAR MAINTANENCE OF PLANTING IN DEGRADED FOREST IN ERAKKORAI
SARAGAM OF ODANTHURAI BEAT OF SIRUMUGAI RANGE DURING 2022-23**

Total Area : 10.00 Ha.

No of Seedling Planted 10000 Nos

10% Causality 1000 Nos

SL. No	Qty	Details of Works	FSR/SSR Item No.	Rate	Per	Amount
1	1000 Nos	Cost of 6 Months Old (30 x45 cm) Container seedling from Private vehicle	L.R	200.00	1 No.	200000.00
2	1000 Nos	Transporting Charges for seedling 30 x 45 in private lorry at Sholakkarai beat	L.Q	6000.00	Trip	6000.00
3	1000 Nos	Loading and unloading the container seedling	5.11.7	1591.54	1000	1592.00
4	1000 Nos	Transporting Charges for seedling 30 x 45 by head load up to 500 mts	5.13.2	16447.00	1000	16447.00
5	1000 Nos	Distribution of Container seedlings				
a)	400	upto 100 m	5.15.1	4837.50	1000	1935.00
b)	400	upto 200 m	5.15.2	8465.63	1000	3386.25
c)	300	upto 500 m	5.15.3	19833.75	1000	5950.13
6	1000 Nos	Application of DAP Mixture @ 20g per plant & Mixing the pits before planting including cast & transport	ME	25.00	1 No.	500.00
7	1000 Nos	Replacement of causalities by reopening failed pits and planting the seeding	5.23	2239.68	100	22396.80
8	11000 Nos	Scrap - weeding and soil works 1m dia and 15 cm depth around each plant	5.24	595.01	100	65451.10
	Sub Total - A					323658.28
9	Add 10 % on Rs. 323658.3 - for escalation Charges for 2022-23 (323658.3x10%) = Rs.32365.8					32365.83
	Sub Total - B					356024.10
10	Add 10 % on Rs. 356024 - for escalation Charges for 2023-24 (356024x10%) = Rs. 35602.41					35602.41
	Contingencies					4373.48
Grand Total						396000.00

(Rupees Three Lakhs Ninety six Thousand only)

Submitted to the District Forest Officer, Coimbatore Division, Coimbatore.

/ Counter Signed /

[Signature]
District Forest Officer
Coimbatore Division
Coimbatore - 641 043.

[Signature]
Forest Range Officer,
Sirumugai Range,
Sirumugai.

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11/5.22

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11/5.22

**ESTIMATE FOR SECOND YEAR MAINTANENCE OF PLANTING IN DEGRADED FOREST IN
ERAKKORAI SARAGAM OF ODANTHURAI BEAT OF SIRUMUGAI RANGE DURING
2024-25**

No of Seedling Planted

10000 Nos


10% Causality

1000 Nos

SL. No	Qty	Details of Works	FSR/SSR Item No.	Rate	Per	Amount
1	11000 Nos	Scrap - weeding and soil works 1m dia and 15 cm depth around each plant	5.24	595.01	100	65451.10
	Sub Total - A					65,451.10
2	Add 10 % on Rs. 65451 - for escalation Charges for 2022-23 (65451x10%) = Rs. 6545					6,545.00
	Sub Total - B					71,996.10
3	Add 10 % on Rs. 71996 - for escalation Charges for 2023-24 (71996x10%) = Rs. 7200					7,200.00
	Sub Total - C					79,196.10
4	Add 10 % on Rs. 79196 - for escalation Charges for 2024-25 (79196x10%) = Rs. 7920					7,920.00
	L.s	Contingencies	L.S	L.S.	L.S	2,883.90
Total						90,000.00

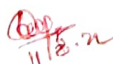
(Rupees Ninety Thousand only)

Submitted to the District Forest Officer, Coimbatore Division, Coimbatore.


Forest Range Officer,
Sirumugai Range,
Sirumugai

/ Counter Signed /


District Forest Officer
Coimbatore Division
Coimbatore - 641 043.


11/8.22



**ESTIMATE OF THIRD YEAR TO TENTH YEAR MAINTANENCE OF PLANTING IN
DEGRADED FOREST IN ERAKKORAI SARAGAM OF ODANTHURAI BEAT OF SIRUMUGAI
RANGE DURING 2025-26 to 2031-32**

No of Seedling Planted

620 Nos

10% Causality

62 Nos

SL. No	Qty	Details of Works	FSR/SSR Item No.	Rate	Per	Amount
1	11000Nos	Scrap - weeding and soil works 1m dia and 15 cm depth around each plant	5.24	595.01	100	65,451.10
		Sub Total :-				65,451.10
		Escalation Charges for 2022-23				6,545.00
		Escalation Charges for 2023-24				7,200.00
		Escalation Charges for 2024-25				7,920.00
2	L.s	Contingencies	L.S	L.S.	L.S	2,317.00
		Grand Total				89,433.10
		Add 10% on Rs.89433- for escalation cost (89433x10%= Rs.8943				8,943.00
		Total cost for 3rd year maintenance :-				98,376.10
		Add 10% on Rs.98376- for escalation cost (98376x10%= Rs.9838				9,838.00
		Total cost for 4th year maintenance :-				1,08,214.10
		Add 10% on Rs.108214- for escalation cost (108214x10%= Rs.10821				10,821.00
		Total cost for 5th year maintenance :-				1,19,035.10
		Add 10% on Rs.119035- for escalation cost (119035x10%= Rs.11904				11,904.00
		Total cost for 6th year maintenance :-				1,30,939.10
		Add 10% on Rs.130939- for escalation cost (130939x10%= Rs.13094				13,094.00
		Total cost for 7th year maintenance :-				1,44,033.10
		Add 10% on Rs.144033- for escalation cost (144033x10%= Rs.14403				14,403.00
		Total cost for 8th year maintenance :-				1,58,436.10
		Add 10% on Rs.158436- for escalation cost (158436x10%= Rs.15844				15,844.00
		Total cost for 9th year maintenance :-				1,74,280.10
		Add 10% on Rs.174280- for escalation cost (174280x10%= Rs.17428				17,428.00
		Total cost for 10th year maintenance :-				1,91,708.10

Submitted to the District Forest Officer, Coimbatore Division, Coimbatore.

/Counter Signed/

[Signature]
District Forest Officer
Coimbatore Division
Coimbatore - 641 043

[Signature]
Forest Range Officer,
Sirumugai Range,
Sirumugai.

[Signature]
11/3.22

Showing beat boundary and the area reserved for planting in the beat boundary of Sirumugai Range

10/18/2022



→ Planting area

GPS Reading

0 N 11 35 19.40

E 076 97366

0 N 11 35 29.82

E 076 972722

0 N 11 35 37.26

E 076 97396

0 N 11 35 47.10

E 076 971796

0 N 11 35 57.30

E 076 972960

0 N 11 35 41.72

E 076 974993

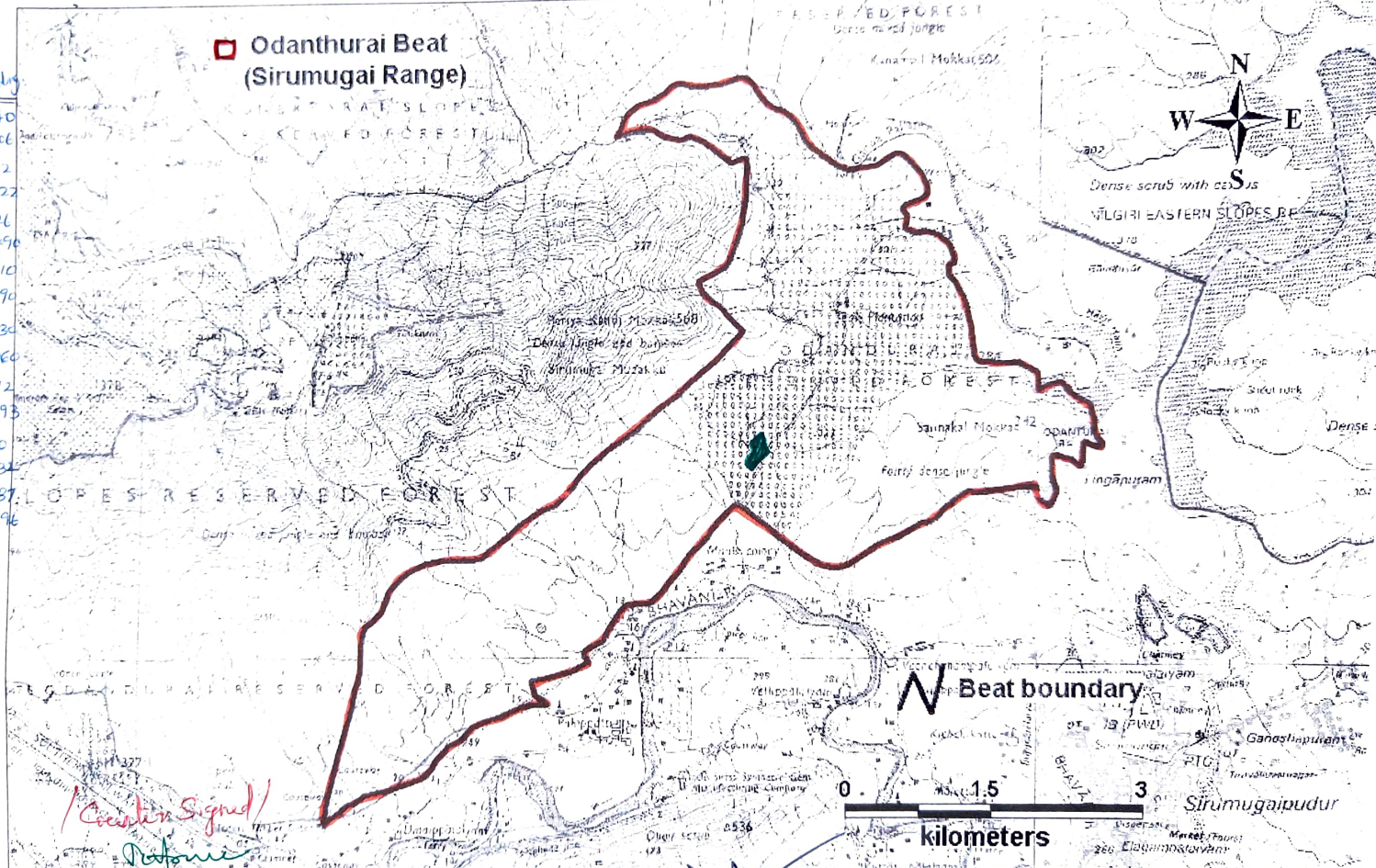
0 N 11 35 31.10

E 076 974224

0 N 11 35 23.87

E 076 973996

Odanthurai Beat
(Sirumugai Range)



(Coastal Sign)
D. P. S. S.

District Forest Officer
Coimbatore Division
Coimbatore - 641 043.

11/8/22

வனச்சரக அலுவலர்
சிறுமுகை வனச்சரகம்
சிறுமுகை-641 302

Raising Compensatory Afforestation Plantation of degraded forest in Sirumugai Range

GPS Reading

- 1 (11.35194, 76.9736065)
- 2 (11.352982, 76.972722)
- 3 (11.3537269, 76.97309)
- 6 (11.3541726, 76.9749935)
- 7 (11.3531106, 76.9742321)
- 8 (11.3523871, 76.9739967)
- 4 (11.356710, 76.971790)
- 5 (11.357730, 76.972960)



Survey Area (10.4 Ha.) - 1.52
km

Saragam: Erakkorai saragam
Beat: Odanthurai Beat

FOREST RANGE OFFICE
SIRUMUGAI RANGE
SIRUMUGAI - 641 300

Counter Signed

R/S

for

Deputy Forest Officer
Coimbatore Division
Coimbatore - 641 043

