

TAMILNADU FOREST DEPARTMENT

From

Dr. Guruswamy Dabbala, I.F.S.,
District Forest Officer,
Madurai Forest Division,
Madurai - 02

To

The Principal Chief Conservator of
Forests, (Head of Forest Force), Forest
Head Quarters Building,
Velachery Main Road,
Near Kannikapuram Check Post,
Guindy, Chennai-32.

[Through Proper Channel]

The Chief Conservator of Forests and
Field Director,
Srivilliputur Megamalai Tiger Reserve,
Madurai.

D1/4289/2023, dated: 29.11.2023.

Sir,

Sub: Forest - Forest Conservation Act 1980 - Madurai Forest Division, - Diversion of 0.1275 ha of Forest Land, for the formation of new black top road along with existing drainage channel from Vikkiramangalam to Katupatti village, Sholavandan Range, Madurai Forest Division - CA Scheme - submitted - Regarding.

Ref:

1. Government of India, Ministry of Environment and Forest and Climate Change (FCD) FC - 11/118/2021 - FC, dated: 13.06.2023.
2. Online application No.FP/TN/Road 34073 / 2018.
3. Government Letter No. 17883/FR-10/2022 - 2, dated: 25.04.2023.
4. The District Forest Officer, Madurai. Ref.No D1/4289/2023, dated: 04.07.2023.

I submit that, the CA Scheme is prepared for diversion of Forest Land below 1ha for a minimum no of 100 plants towards Compensatory Afforestation for the proposal for diversion of 0.1275 ha of Forest Land for the formation of new black top road along with existing drainage channel from Vikkiramangalam to Katupatti village, Sholavandan Range, Madurai Forest Division

The Summadukuttu RL, Madurai Range has identified for the CA Scheme for an amount of Rs. 1,49,638/- for this project and submitted for kind perusal.

Encl: As above.

Yours faithfully,
Sd/- Guruswamy
District Forest Officer,
Madurai Division,
Madurai.

/ True Copy /By Order/


Superintendent.

29/11/23

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Encl: As above.

Yours faithfully,
Sd/- Guruswamy
District Forest Officer,
Madurai Division,
Madurai.

/ True Copy /By Order/


Superintendent.

29/11/23
29/11/2023

ABSTRACT

**MODEL ESTIMATE FOR RAISING COMPENSATORY AFFORESTATION SCHEME AREA SELECTED IN
DEGRADED FOREST AREA OF SUMMADUKUTTU RESERVE LAND FOR DIVERSION OF 0.1275 Ha FOREST
LAND FOR FORMATION OF NEW BLACK TOP ROAD FROM VICKRAMANGALAM TO KADUPATTI VILLAGE
IN SHOLAVANDAN RANGE OF MADURAI FOREST DIVISION UNDER STATE CAMPA SCHEME OF
2023-24**

No. of seedlings	100 Nos @ 1000 Nos per Ha
For 10% casualty	10 Nos
Total	110 Nos

Sl. No.	Description of Work	Proposed Estimate Cost	Remarks
1	2	3	4
1	Raising Nursery - 110 Nos	11998.00	--
2	Planting Operation - 100 Nos	53900.00	10% weightage towards escalation of labour wage rate during 2024-25 from 1st year maintenance
3	1st Year Maintenance	23772.00	20% weightage towards escalation of labour wage rate during 2025-26 from 2nd year maintenance
4	2nd Year Maintenance	15965.00	30% weightage towards escalation of labour wage rate during 2026-27 from 3rd year maintenance
5	3rd Year Maintenance	32428.00	40% weightage towards escalation of labour wage rate during 2027-28 from 4th year maintenance
6	4th Year Maintenance	1220.00	50% weightage towards escalation of labour wage rate during 2028-29 from 5th year maintenance
7	5th Year Maintenance	1342.00	60% weightage towards escalation of labour wage rate during 2029-30 from 6th year maintenance
8	6th Year Maintenance	1476.00	70% weightage towards escalation of labour wage rate during 2030-31 from 7th year maintenance
9	7th Year Maintenance	1624.00	80% weightage towards escalation of labour wage rate during 2031-32 from 8th year maintenance
10	8th Year Maintenance	1786.00	90% weightage towards escalation of labour wage rate during 2032-33 from 9th year maintenance
11	9th Year Maintenance	1965.00	100% weightage towards escalation of labour wage rate during 2033-34 from 10th year maintenance
12	10th Year Maintenance	2162.00	110% weightage towards escalation of labour wage rate during 2034-35 from 10th year maintenance
	Total	149638.00	

District Forest Officer,
Madurai Forest Division,
Madurai.

27/11/23

MODEL ESTIMATE FOR RAISING NURSERY FOR NATIVE TREE SPECIES

COMPENSATORY AFFORESTATION SCHEME AREA SELECTED IN DEGRADED FOREST AREA OF SUMMADUKUTTU RESERVE LAND FOR DIVERSION OF 0.1275 Ha FOREST LAND FOR FORMATION OF NEW BLACK TOP ROAD FROM VICKRAMANGALAM TO KADUPATTI VILLAGE IN SHOLAVANDAN RANGE OF MADURAI FOREST DIVISION UNDER STATE CAMPA SCHEME OF 2023-24.

Total Area:	0.054	Size of poly bags : 13x25x250gms	Transplanting:
		Size of Poly bags : 30x45x600gms	
Seedlings per ha	0	Proposed espacement: Gap planting	
No. of seedlings	100	<u>Species Proposed for planting:</u> Native Species Like Vengai, Vila, casia, Ficus etc.,	
Casualty 10%	10		
Total	110	Wage Rate for 2023-24:	622.45

Sl. No.	Qty	Unit	Description of works	FSR No.	Rate	Per/Qty	Amount
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
PART-I - SMALL SIZE BAGES : 13X25cmX250gms							
1	12	m ²	Preparation of Nursery site by clearing and levelling the site for forming standard bed of size 10mx1m (110m ² /1000 Nos)	4.1	1482.13	200 m ²	90
2	1.00	kgs	Cost of seeds (2 Kg/1000 nos)	LR	250.00	1 kg	250
3	110	Nos	Cost of Polythene bags of 13x25cmx250gms size bags	As per Tender Rate	815.00	1000 Nos	90
4	0.34	m ³	Formation of Germination bed of size 10m x 1m x 0.30m by heaping the soil	PWD SSR Item No.W-55 (2023-24)	74.85	1 m ³	25
5	1	Beds	Watering the Germination Beds twice daily with rose can for 15 days	4.5.1	502.21	1 10 B/O	753
6	1	Beds	Watering the Germination beds Once daily with rose can for 15 days	4.5.2	251.10	1 10 B/O	877
7	0.0924	m ³	Collection and supply of Red soil, Sand, Silt for filling in Polythene bags (0.84 m ³ /1000 Nos)	LR	750.00	1 m ³	69
8	0.0308	m ³	Collection and supply of Farmyard Manure for filling in Polythene bags (0.28 m ³ /1000 Nos)	LR	750.00	1 m ³	23

Sl. No.	Qty	Unit	Description of works	FSR No.	Rate	Per/Qty		Amount
(1)	(2)	(3)	(4)	(5)	(6)	(7)		(8)
9	110	Nos	Preparation of Soil Mixture by breaking clods, sieving and mixing of fertile earth (including red soil, sand and silt etc according to requirements) and Farm Yard Manure at 3:1 ratio heaping at the filling site and filling in the polythene bags - 10x20cms.	4.6.4	2743.78	1000	Nos	302
10	2.75	Kgs	Cost of Vermicasting @ 25gm/ container seedlings	Modern Nursery, Dharma puri Rate	10.00	1	kg	28
11	1.10	kgs	Cost of VAM @ 10gm / Container seedlings		18.00	1	kg	20
12	0.55	kgs	Cost of Bio-fertilizers such as Azospirillum @ 5gm / container seedlings		27.00	1	kg	15
13	0.55	Kgs	Cost of Phospobacteria @ 6gms / container seedlings		27.00	1	kg	15
14			Watering the container plants with rose canes					
a)	110	15 days	Twice daily - 15 days	4.10.4	140.86	1000	Nos	232
b)	110	30 days	Once daily - 30 days	4.11.4	70.43	1000	Nos	232
c)	110	15 days	Alternate days spread over 30 days (Effective days - 15)	4.11.4	70.43	1000	Nos	116
15	110	60 days	Cost of water for watering the container seedlings - 60 watering days	4.18 - FSR 1998-99	0.85	1000	Nos	6
16	110	2 shifts	Shifting and grading the container plants including weeding, grading and replacement of casualties in the bags (Shifting to be done once in 21 days, first shifting not before 45 days after pricking out) - 2 shifts	4.15.4	312.35	1000	Nos	69
			SUB TOTAL (A)					2712
PART-II - BIGGER SIZE BAGS - 30X45cmX600gms								
17	110	Nos.	Cost of Polythene bag of size 30x45cmx600 G size	Tender Rate	5580	1000	Nos.	614

Sl. No.	Qty	Unit	Description of works	FSR No.	Rate	Per/Qty		Amount
(1)	(2)	(3)	(4)	(5)	(6)	(7)		(8)
18	1.02	m ³	Collection and supply of sand, silt and red soil according to the requirement for preparation of soil mixture - 4/5th of the total volume (excluding volume of 13x25cm bags) 30x45cm poly bags volume = 9.23m ³ /1000 Nos	LR	750	1	m ³	765
19	0.25	m ³	Cost of Farm Yard Manure for filling 30x45cm bags 1/5 of the total volume (2.31m ³ /1000 Nos.)	LR	750	1	m ³	188
20	110	Nos.	Preparation of Soil Mixture by breaking clods, sieving and mixing soil, silt and sand according to requirement and farm yard manure in the ratio of 4:1, heaping at the fillingsite and filling in poly bags, arranging bags in beds and pricking out the seedlings (excluding cost of soil mixture and FYM)	4.6.7	17497.70	1000	Nos.	1925
21	3.85	Kgs	Cost of Vermicasting @ 35gm/ container seedlings	Modern Nursery, Dharma puri Kate	10.00	1	kg	39
22	1.65	kgs	Cost of VAM @ 15gm / Container seedlings		18.00	1	kg	30
23	0.66	kgs	Cost of Bio-fertilizers such as Azospirillum @ 6gm / container seedlings		27.00	1	kg	18
24	0.66	Kgs	Cost of Phospobacteria @ 6gms / container seedlings		27.00	1	kg	18
25	1.1	Maz	Labour cost for transplanting seedlings from 13x25cm containers bags into 30x45cm containers - 10 maz /1000	As per ME of MTP	612.45	1	Maz	674
26	110	Nos.	Pruning side branches once in 2 months 2 times	ME	1.00	1	No.	220
27			Watering the container plants with rose cans					
a)	110	Nos.	Twice Daily - 15 days	4.10.7	342.97	1000	Nos.	566
b)	110	Nos.	Once Daily - 30 days	4.11.7	171.49	1000	Nos.	566
c)	110	Nos.	Once in alternate days - spread over 60 days (Effective days-30 days)	4.11.7	171.49	1000	Nos.	566

Sl. No.	Qty	Unit	Description of works	FSR No.	Rate	Per/Qty		Amount
(1)	(2)	(3)	(4)	(5)	(6)	(7)		(8)
d)	110	Nos	Twice in a week spread over 105 days (Effective days-30 days)	4.11.7	171.49	1000	Nos	566
28	110	7 shifts	Shifting and grading the container plants including weeding, grading and replacement of casualties in the bags (Shifting to be done once in 21 days - 7 shifts)	4.15.7	1647.49	1000	1 shift	1269
29	110	105 days	Cost of Water for watering the container seedlings from private wells - 105 days	4.18 - FSR 1998-99	1.60	1000	Nos	18
30	1	Nos	Nursery Protection mazdoors 1 No / 100000 Nos of 30x45cm bags - 300 days (90d+210d)	As per ME of MTP	622.45	1	100000 /M	205
31			GST 18% (Item No.3,18)					127
32	LS		Provision for cost of pesticides and fungicides including labour charges	LS				500
33	LS		Photograph and Documentation charges					200
34	LS		Contingencies for unforeseen items	LS				212
			Total - B					9286
			Total (A+B)					11998
			Seedlings cost					109.07

District Forest Officer,
Madurai Division,
Madurai

MODEL ESTIMATE FOR PLANTING OF NATIVE TREE SPECIES

COMPENSATORY AFFORESTATION SCHEME AREA SELECTED IN DEGRADED FOREST AREA OF SUMMADUKUTTU RESERVE LAND FOR DIVERSION OF 0.1275 Ha FOREST LAND FOR FORMATION OF NEW BLACK TOP ROAD FROM VICKRAMANGALAM TO KADUPATTI VILLAGE IN SHOLAVANDAN RANGE OF MADURAI FOREST DIVISION UNDER STATE CAMPA SCHEME OF 2024-25.

No.of seedlings: 100

Size of Bag: 30x45cmx600g

10% Casualty 10

Wage Rate for 2023-24:

622.45

Total 110

Sl. No.	Qty	Unit	Description of works	FSR No.	Rate	Per/Qty	Amount
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	100	Nos.	Aligning and Marking in plantation area	5.2.4	858.98	100 Nos.	859
2	100	Nos.	Digging of 60 cm ³ pits in all types of soil during non rainy season	5.8.1	5763.89	100 Nos.	5764
3	100	kgs	Cost & Transport of Farmyard manure each plants	Lower quotation	750	1 kgs	5250
	7	M3	0.60x0.60x0.20=0.072m3/pit				
4	100	Nos.	Application of Farmyard manure by mixing in the pit before planting-1 mazdoor for 200 Nos	FSL Wages Rate	622.45	200 Nos.	311
5	100	Nos.	Cost of Bio fertilizer including cost of application - vermicompot 1kg. Bio fertilizers 100gms, VAM 100gms	NHAI ME	7.70	1 Each	770
6	110	Nos.	Transporting saplings (Transported to the radius of 40 kms) excluding loading and unloading	NHAI ME	7.00	1 Each	770
7	110	Nos.	Loading and unloading the polythene container seedlings in private / department vehicles (excluding hire charges)	5.11.7	2047.86	1000 Each	225
8			Distribution of saplings from where seedlings are stocked to the planting spot upto 100mts				
	44	Nos.	Upto 100 mts	5.15.1	6224.50	1000 Nos.	274
	44	Nos.	Upto 200 mts	5.15.2	10892.88	1000 Nos.	479
9	100	Nos.	Planting the container seedlings by refilling the pits of size 60cm	/T.C.B.O/	1064.39	100 Nos.	1064
10	150	RM	Provision of vertical casuarina poles 5cm to 8cm 2.5mtr height per plant	PWDSSR	6	1 Nos.	900
11	10	Nos.	Replacement of casualties by re-opening the failed pits and planting the container plants and refilling the pits (1/7 pitting rate + full planting rate)	5.23	5764.00	100 Nos.	576

Sl. No.	Qty	Unit	Description of works	FSR No.	Rate	Per/Qty	Amount
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
12	100	Nos.	Scrap weeding for 1m dia and soil working 15cm depth around each plant and removing the grass roots away from the site by upturning the soil	5.24	765.61	100 Nos.	766
13	100	Nos.	Forming catch water drains for each plant of 90x45x30cm size in hillocks and hard gravelly soil	5.26	4257.56	100 Nos.	4258
14	100	Nos.	Providing Brush wood fencing around each plants	—	153.11	1 Nos.	15311
15	100	Nos.	Watering the plants once in 6 days during summer /period from January to March @ one mazdoor for 100 plants / watering day (30 watering days/15 Mazdoors	NHAI ME	622.45	200 1 day	4668
16	30000	Litters	Cost of water @ 20 liters per seedlings 30 watering days (100x20x15=30000 Lts)	NHAI ME	2500.00	12000 Lit.	6250
17	100	Nos.	Removing / Scrapping vizal monsoon or bothal grass for one meter dia around the plants	5.27	130.71	100 Nos.	131
20	LS.		Contingencies and unforeseen expenditure to be restricted to as per actuals	-	-	-	374
			TOTAL				49000
			10% Escalation Charges				4900
			Total prorate				53900


 District Forest Officer,
 Madurai Division,
 Madurai


 27/11/23

MODEL ESTIMATE FOR 1ST YEAR MAINTENANCE OF PLANTATION

MODEL ESTIMATE FOR RAISING COMPENSATORY AFFORESTATION SCHEME AREA SELECTED IN DEGRADED FOREST AREA OF SUMMADUKUTTU RESERVE LAND FOR DIVERSION OF 0.1275 Ha FOREST LAND FOR FORMATION OF NEW BLACK TOP ROAD FROM VICKRAMANGALAM TO KADUPATTI VILLAGE IN SHOLAVANDAN RANGE OF MADURAI FOREST DIVISION UNDER STATE CAMPA SCHEME OF 2025-26

No.of seedlings 100

Planted:

No.of seedlings for casualty 10

Size of Polybags = 30x45x600g

(10 % Replancement)

Wage Rate for 2023-24:

622.45

Sl. No.	Qty	Unit	Description of works	FSR No.		Rate	Per/Qty	Amount
(1)	(2)	(3)	(4)	(5)		(6)	(7)	(8)
			Nursery Operation					
1	10	Nos.	Raising cost of seedlings (as per Nursery Estimate)	As per Nursery Estimate		109.07	1 No	1091
							TOTAL (A)	1091
			Planting Operations					
1	10.00	Kgs	Cost & Transport of Farmyard manure each plants	Lower Quotation		750	1 M3	540
	0.72	M3	0.60x0.60x0.20=0.072 m3/pit					
2	5	Nos.	Application of poultry manure @ 500 gms pr plant by mixing in the pit before planting - 1 mazdoor for 200 Nos.	FSL Wage Rate		622.45	200 Nos.	16
3	10	Nos.	Transporting saplings (transported to the radius of 40 kms) excluding loading and unloading in private vehicle	LS		7.00	1 Nos.	70
4	10	Nos.	Loading & Unloading the container seedlings (30x45cm) in private lorry upto lead of 2kms (excluding hire charges for the vehicle)	5.11.7	3.29	2047.86	1000 Nos.	20
5			Distribution of saplings from where seedlings are stocked to the planting spot upto 100mts					
	4	Nos.	Upto 100 mts	5.15.1	10	6224.50	1000 Nos.	25
	4	Nos.	Upto 200 mts	5.15.2	17.5	10892.88	1000 Nos.	44
	2	Nos.	Upto 500 mts	/T.C.B.O/	41	25520.45	1000 Nos.	51

Sl. No.	Qty	Unit	Description of works	FSR No.		Rate	Per/Qty	Amount
(1)	(2)	(3)	(4)	(5)		(6)	(7)	(8)
6	10	Nos.	Replacement of casualties by re-opening the failed pits and planting the container plants and refilling the pits (1/2 pitting rate + full planting rate)	5.23	6.34	5764.00	100 Nos.	576
7	100	Nos.	Scrap weeding for 1m dia and soil working 15cm depth around each plant and removing the grass roots away from the site by upturning the soil	5.24	1.23	765.61	100 Nos.	766
8	100	Nos.	Cost of Bio Fertilizers including cost of application Vermi-compost 1 Kg Bio fertilizer 100 gms VAM 100 Gms	NHAI ME		7.70	1 No.	770
9	60000	Lts	Cost of water @ 20 liter per seedlings 30 watering days (5000x20x30=300000 Lts)	NHAI ME		1200.00	12000 Lts	6000
10	100	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	622.45	100 nos/d ay	9337
11	LS.		Contingencies and unforeseen items to be restricted to as per actuals	LS		-	-	504
							TOTAL (B)	18719
							Total (A+B) prorata for 1st year maintenance	19810
							Add 20% Escalation for 2nd year	3962
							Total prorata	23772


 District Forest Officer,
 Madurai Division, Madurai
 27/11/23

MODEL ESTIMATE FOR 2ND YEAR MAINTENANCE OF PLANTATION

MODEL ESTIMATE FOR RAISING COMPENSATORY AFFORESTATION SCHEME AREA SELECTED IN DEGRADED FOREST AREA OF SUMMADUKUTTU RESERVE LAND FOR DIVERSION OF 0.1275 Ha FOREST LAND FOR FORMATION OF NEW BLACK TOP ROAD FROM VICKRAMANGALAM TO KADUPATTI VILLAGE IN SHOLAVANDAN RANGE OF MADURAI FOREST DIVISION UNDER STATE CAMPA SCHEME OF 2026-27

No. of seedlings planted : 100
Survival 100% : 100

Wage Rate for 2023-24: 622.45

Sl. No.	Qty		Name of work	FSR / SSR Item No.	Rate	Per	Amount
1	2		3	4	5	6	7
1	100	Nos.	Scrap weeding for 1m dia and soil working 15cm depth around each plant and removing the grass roots away from the site by upturning the soil	5.24	765.61	100 Nos.	766
2	27000	Lts	Cost of water @ 30 liter per seedlings 30 watering days (9X30ltsx100)=27000 Lts)	NHAI ME	2500.00	12000 Lts	5625
3	100	Nos.	Watering the plants once in 6 days (excluding rainy days) from April to June & January to March @ one mazdoor for 100 plants/watering day	4.11.7	622.45	200 nos/day	5600
4	LS.		Contingencies and unforeseen items to be restricted to as per actuals	LS	-	-	290
			Total prorata				12281
			Add Escalation cost 30%				3684
			Total Prorata for 2nd year maintenance				15965

District Forest Officer,
Madurai Division,
Madurai

27/11/23

MODEL ESTIMATE FOR 3RD YEAR MAINTENANCE OF PLANTATION

MODEL ESTIMATE FOR RAISING COMPENSATORY AFFORESTATION SCHEME AREA SELECTED IN DEGRADED FOREST AREA OF SUMMADUKUTTU RESERVE LAND FOR DIVERSION OF 0.1275 Ha FOREST LAND FOR FORMATION OF NEW BLACK TOP ROAD FROM VICKRAMANGALAM TO KADUPATTI VILLAGE IN SHOLAVANDAN RANGE OF MADURAI FOREST DIVISION UNDER STATE CAMPA SCHEME OF 2027-28

No. of seedlings planted : 100
Survival 100% : 100

Wage Rate for 2023-24: 622.45

Sl. No.	Qty		Name of work	FSR / SSR Item No.	Rate	Per	Amount
1	2		3	4	5	6	7
1	100	Nos.	Scrap weeding for 1m dia and soil working 15cm depth around each plant and removing the grass roots away from the site by upturning the soil	5.24	765.61	100 Nos.	766
2	100	Nos.	Cost of Bio Fertilizers including cost of application Vermi-compost 1 Kg Bio fertilizer 100 gms VAM 100 Gms	NHAI ME	7.70	1 No	770
3	60000	Lts	Cost of water @ 30 liter per seedlings 15 watering days (5000x20x30=300000 Lts)	NHAI ME	2400.00	12000 Lts	12000
4	100	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	622.45	200 Nos.	9337
5	LS.		Contingencies and unforeseen items to be restricted to as per actuals	LS	-	-	290
			Total prorata				23163
			Add Escalation cost 40%				9265
			Total Prorata for 3rd year maintenance				32428

District Forest Officer,
Madurai Division,
Madurai

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27/11/23

MODEL ESTIMATE FOR 4TH YEAR MAINTENANCE OF PLANTATION

MODEL ESTIMATE FOR RAISING COMPENSATORY AFFORESTATION SCHEME AREA SELECTED IN DEGRADED FOREST AREA OF SUMMADUKUTTU RESERVE LAND FOR DIVERSION OF 0.1275 Ha FOREST LAND FOR FORMATION OF NEW BLACK TOP ROAD FROM VICKRAMANGALAM TO KADUPATTI VILLAGE IN SHOLAVANDAN RANGE OF MADURAI FOREST DIVISION UNDER STATE CAMPA SCHEME OF 2028-29

No. of seedlings
planted : 100
Survival 100% : 100

Wage Rate for 2023-24: 612.45

Sl. No.	Qty		Name of work	FSR / SSR Item No.	Rate	Per		Amount
1	2		3	4	5	6		7
1	100	Nos.	Scrap weeding for 1m dia and soil working 15cm depth around each plant and removing the grass roots away from the side by upturning the soil	5.24	765.61	100	Nos.	766
2	LS.		Contingencies and unforeseen items to be restricted to as per actuals	LS	-	-	-	47
			Total prorata					813
			Add Escalation cost 50%					407
			Total Prorata for 4th year maintenance					1220

Add 10% escalation	122
Cost for 5th year maintenance	1342
Add 10% escalation	134
Cost for 6th year maintenance	1476
Add 10% escalation	148
Cost for 7th year maintenance	1624
Add 10% escalation	162
Cost for 8th year maintenance	1786
Add 10% escalation	179
Cost for 9th year maintenance	1965
Add 10% escalation	197
Cost for 10th year maintenance	2162


District Forest Officer,
Madurai Division,
Madurai