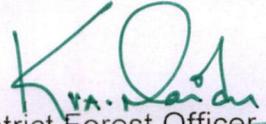


COMPENSATORY AFFORESTATION SCHEME

Cost estimate for Compensatory Afforestation scheme including maintenance of plantation for 10 years in lieu of land diverted for 2.50Ha of Forest land in parigam B Reserved Forest in Dharmapuri Forest Division for formation of road from Barigam Konayankadu to Malayurkadu village to a length of 3000m and to a width of 7.50m in Dharmapuri District

GENERAL ABSTRACT

Sl. No.	Details of work	Unit	Amount proposed
1	Cost estimate for Compensatory Afforestation scheme over an extent of 10.00 Ha in the degraded Forest area of Pennagaram Reserved Forest in Hogenakkal Range during 2023-2024.	10.00 Ha.	7886681.00
	Total	10.00 Ha.	₹ 78,86,681.00 (or) 78.8668 Lakhs


District Forest Officer,
Dharmapuri Forest Division,
Dharmapuri.


5/02/2024

Abstract Model estimate for Raising Compensatory afforestation over an area of 10.00 Ha in degraded forest area at Pennagaram Reserved Forest in Hogenakkal Range during 2023-2024 under State CAMPA scheme

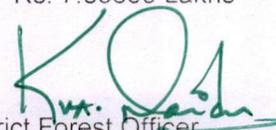
No. of seedlings : 5000 @ 500 Nos per Ha
 For 10% casualty replacement : 500
 TOTAL 5500

Sl. No.	Description of Work	Proposed estimate cost in Rupees	Remarks
1	2	3	4
1	Raising nursery - 5500 Nos	9,26,372	500 Nos of seedlings per ha
2	Planting operation - 5000 seedlings	26,74,626	10% Weightage towards escalation of labour wage rate during 2024-25
3	1 st year Maintenance	12,47,790	20% Weightage towards escalation of labour wage rate during 2025-26
4	2 nd year Maintenance	11,84,594	30% Weightage towards escalation of labour wage rate during 2026-27
3	3 rd year Maintenance	13,03,053	40% Weightage towards escalation of labour wage rate during 2027-28
6	4 th year Maintenance	57,999	50% Weightage towards escalation of labour wage rate during 2028-29
7	5 th year Maintenance	63,799	60% Weightage towards escalation of labour wage rate during 2029-30
8	6 th year Maintenance	70,179	70% Weightage towards escalation of labour wage rate during 2030-31
9	7 th year Maintenance	77,197	80% Weightage towards escalation of labour wage rate during 2031-32
10	8 th year Maintenance	84,916	90% Weightage towards escalation of labour wage rate during 2032-33
11	9 th year Maintenance	93,408	100% Weightage towards escalation of labour wage rate during 2033-34
12	10 th year Maintenance	1,02,749	110% Weightage towards escalation of labour wage rate during 2034-35
TOTAL		78,86,681	

Prorata for 1 ha area

7,88,668.12

(OR) Rs. 7.88668 Lakhs


 District Forest Officer,
 Dharmapuri Forest Division,
 Dharmapuri.


 5/2/2024

Model estimate for Raising nursery for native tree species for Compensatory afforestation over an area of 10.00 Ha in degraded forest area at Pennagaram Reserved Forest in Hogenakkal Range during 2023-2024 under State CAMPA scheme

Total Area = 10.00 Ha

Size of Polybags = 13 x 25 x 250g

Seedlings per ha = 500 Nos per Ha

Transplanting Size of Polybags = 30 x 45 x 600g

No of Seedlings = 5000

Proposed Espacement = Gap planting

10% Casualty = 500

Species proposed for planting

Total = 5500

Native species like Vembu, Velvel, Nelli, Naval, Vengai, Red Sanders, Iluppai etc.,

Wage rate 2023-2024 = Rs. 612.45

SL. No	Qty	Unit	Name of Work	FSR / SSR	FSL	Rate	Per	Amount
PART I - Small size bags.- 13X25 cm.								
1	605	M ²	Preparation of Nursery site by clearing and levelling the site for forming standard bed of size 10mX1m (110M ² /500 Nos)	4.1	2.42	1482.13	200 No	4483
2	11.00	Kg	Cost of seeds (2kgs/ 500 Nos)	LR	--	250.00	1 No	2750
3	5500	Nos.	Cost of 13x25cmx250G Polythene bags	Tender rate	--	615.00	1000 No	3383
4	17.00	Cum	Forming germination beds of size 10mx1mx 0.3m by heaping the soil - 500 No per bed	PWD SSR item 62	--	73.10	1 cum	1243
5	2.00	Bed	Watering the germination beds twice daily with rose cans for 15 days	4.5.1	0.82	502.21	10 Beds / day	1507
6	2.00	Bed	Watering the germination beds once daily with rose cans for 15 days	4.5.2	0.41	251.10	10 Beds / day	753
7	4.62	Cu.m	Collection & supply of sand,silt and red soil according to the requirement for preparation of soil mixture - 3/4th of the total volume (0.84 M ³ /500 Nos)	4.6.9	-	1200.00	1 Cu.m	5544
8	1.54	Cu.m	Cost and transport of Farm yard manure for filling bags - 1/ 4th of the total volume. (0.28 M ³ /500 Nos)	4.6.11	-	800.00	1 Cu.m	1232
9	5500	Nos.	Preparation of soil mixture by breaking clods,seiving, mixing red soil,silt,sand according to requirement and farm yard manure in the ratio of 3:1, heaping at the filling site and filling in poly bags, arranging bags in beds and pricking out the seedlings (excluding cost of soil mixture and FYM)	4.6.4	4.48	2743.78	1000 Nos	15091

SL. No	Qty	Unit	Name of Work	FSR / SSR	FSL	Rate	Per		Amount
10	138	Kgs.	Cost of Vermicasting @ 25 gram per seedlings	As per Research Wing Rate	-	12.00	1	Kg	1656
11	55	Kgs.	Cost of VAM @ 10 gram per seedlings		-	22.00	1	Kg	1210
12	28	Kg	Cost of Azospirillum @ 5 gram per seedlings	As per Research Wing Rate	-	34.00	1	Kg	952
13	28	Kg	Cost of Phosphobacteria @ 5 gram per seedling		-	34.00	1	Kg	952
14			Watering the container plants with rose cans -						
a	5500	Nos.	Twice daily - 15 days	4.10.4	0.23	140.86	1000	Day	11621
b	5500	Nos.	Once daily - 30 days		0.115	70.43			11621
c	5500	Nos.	Alternate days spread over 30 days (Effective days-15)		0.115	70.43			5810
15	5500	Nos.	cost of water for watering the container seedlings - 60 watering days	4.18.4 -	FSR 2023-24	8.50	1000	bag watering	2805
16	5500	Nos.	Land rent @ 3000 bags/40 sq.m) - 3 Months	4.17	FSR 2023-24	100.00	40	sq.m/month	550
	73.333	M2/ 3 months							
17	5500	Nos.	Shifting the container plants, weeding, grading and replacement of casualties in the bags (-shifting to done once in 21 days, first shifting not before 45 days after pricking out) 2 shifts	4.15.4	0.51	312.35	1000	Shift	3436
SUB - TOTAL (A)									76599
PART II - Bigger size bags: 30x45cmx600g.									
18	5500	Nos.	Cost of 30 X 45cm X 600 G Polythene bags	Tender rate	--	9700.00	1000	No	53350
19	50.77	M3	Collection & supply of sand,silt and red soil according to the requirement for preparation of soil mixture - 4/5th of the total volume (excluding the volume of earth in 13X25cm containers). (@ 9.23 Cu.m/1000 Nos)	4.6.9	FSR 2023-24	1200.00	1	M3	60924
20	12.71	M3	Cost and transport of Farm yard manure for filling bags - 1/5th of the total volume. (@ 2.31 Cu.m/1000 Nos)	4.6.11	FSR 2023-24	800.00	1	M3	10168

SL. No	Qty	Unit	Name of Work	FSR / SSR	FSL	Rate	Per		Amount
21	5500	Nos.	Preparation of soil mixture by breaking clods, sieving, mixing red 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	28.57	17497.70	1000	Nos	96237
22	193	Kgs.	Cost of Vermicasting @ 35 gram per seedlings	As per Research Wing Rate	-	12.00	1	Kg	2316
23	83	Kgs.	Cost of VAM @ 15 gram per seedlings	As per Research Wing Rate	-	22.00	1	Kg	1826
24	33	Kg	Cost of Azospirillum @ 6 gram per seedlings	As per Research Wing Rate	-	34.00	1	Kg	1122
25	33	Kg	Cost of Phosphobacteria @ 6 gram per seedling	As per Research Wing Rate	-	34.00	1	Kg	1122
26	55	Mazdoors	Labour cost for transplanting seedlings from 13 X 25 cm containers bags in to 30 X 45 cm containers - 10 Maz. / 1000	As per ME of MTP	--	612.45	1	Nos	33685
27	5500	Nos.	Cost of vertical strick (Casurina poles 5 cm -8 cm girth and 2.50 m height for each plants)	PWD SSR	--	17.50	1	Rm	240625
28	5500	Nos.	Cost of horisondal strick (Casurina poles 5 cm -8 cm girth and 1.00 m height for each plants)	PWD SSR	--	17.50	1	Rm	96250
29	5500	Nos.	Tying plants to the vertical stick once in a month - 2 times	ME	--	0.40	1	Each/ time	4400
30	5500	Nos.	Pruning side branches once in 2 months - 2 times	ME	--	1.00			11000
31			Watering the container plants with rose cans						
a	5500	Nos.	Twice daily - 15 days	4.10.7	0.56	342.97	1000	Day	28295
b	5500	Nos.	Once daily - 30 days	4.11.7	0.28	171.49	1000	Shift	28296

SL. No	Qty	Unit	Name of Work	FSR / SSR	FSL	Rate	Per		Amount
c	5500	Nos.	Once in alternate days -spread over 60 days (Effective days-30 days)	4.11.7	0.28	171.49	1000	Shift	28296
d	5500	Nos.	Twice in a week spread over 105 days (Effective days-30 days)	4.11.7	0.28	171.49	1000	Shift	28296
32	5500	Nos.	Land rent @ 500 bags/40 sq.m)	4.17	FSR 2023-24	100.00	40	sq.m/month	7700
	440	m ² /7 months							
33	5500	Nos.	Shifting the container plants, weeding, grading and replacement of casualties in the bags - shifting to done once in 21 days- 7 shift	4.15.7	2.69	1647.49	1000	Shift	63428.
34	5500	Nos.	cost of water for watering the container seedlings - 120 watering days	4.18.4	FSR 2023-24	32.00	1000	bag watering	21120
35	1.00	Nos.	Nursery protection mazdoors 1 No / 100000 Nos of 30 x45cm bags - 300 days. (90d+210d)	As per ME of MTP	1	612.45	1	100000/M	10105
36			GST 18% (Item No.3, 18)						10212
37	5	Months	Provision for cost of pesticides and fungasides and Labour charges for application of pesticides - 2 times / month	L.R	-	200	1	times	3000
39		L.S	Photo & Documentation etc.,					L.S	5000
39		L.S	Contingencies unforeseen items					L.S	3000
SUB - TOTAL (B)									849773
TOTAL (A + B)									926372

Raising cost for 5500nos of seedlings = 926372

cost for 1 seedlings = Rs 168.43 per seedling 168.43

Specifications :

1) No. of seedlings has been proposed for planting based on the Government of India Letter F.No.11-423/2011-FC dated 08.11.2017, compensatory afforestation has to be carried out at 500 seedlings per ha. Hence 5000 Nos of seedlings has been proposed for 10.00 Ha with 10% of casualty 500 Nos. Totally 5500Nos of seedlings has been proposed.

2) Bio-fertilizers may be applied as per norms prescribed by Research wing.

3) The estimate has been prepared based on NHAI/MTP model estimate, FSR, PWD SSR for the year 2023-24 and the local rate as per model estimate and Research Wing rate.


 District Forest Officer,
 Dharmapuri Forest Division,
 Dharmapuri.


 5/2/2024

Model estimate for planting of native tree species for Compensatory afforestation over an area of 10.00 Ha in degraded forest area at Pennagaram Reserved Forest in Hogenakkal Range during 2023-2024 under State

CAMPA scheme

No of seedlings = 5000
 10% Casualty = 500
 Total = 5500

Size of Polybags = 30 x 45 x 600g
 Wage rate = Rs. 612.45
 2023-2024

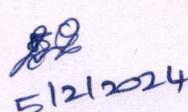
Sl. No	Qty	Description of work	F.S.R. No.	FSL (Man days)	Rate Rs.	Per	Amount
1	5000 Nos	Aligning and Marking in plantation area	5.2.4	1.38	845.18	100 Nos	42259
2	5000 Nos	Digging of 60 CM3 pits in all types of soil during non rainy season	5.8.1	9.26	5671.29	100 Nos	283565
3	5000 No. 360 M3	Cost & transport of Farmyard manure each plants 0.60x0.60x0.20=0.072m3/pit	4.6.11	FSR 2023-24	800.00	1 M3	288000
4	5000 Nos	Application of Farm yard manure by mixing in the pit before planting - 1 mazdoor for 200 Nos	FSL Wage rate	1.00	612.45	200 No	15311
5	5000 Nos	Cost of Bio fertilizer including cost of application - Vermicompost - 1 Kg, Bio Fertilizers - 100 gms, VAM- 100 gms	Research Wing Rate	-	17.60	1 No	88000
6	5500	Transporting saplings (transported to the radius of 40 kms) excluding loading and unloading by Private Vehicle	NHAI ME	-	7.00	1 No	38500
7	5500 Nos	Loading & unloading the container seedlings (30x45cm) in private lorry upto a lead of 2kms excluding hire charges for the vehicles.)	5.11.7	3.29	2014.96	1000 Nos	11082
8		Distribution of saplings from where seedlings are stocked to the planting spot in plains upto 500 mts					
a	2200 Nos	Upto 100 mts	5.15.1	10.00	6124.50	1000 Nos	13474
b	2200 Nos	Upto 200 mts	5.15.2	17.50	10717.88	1000 Nos	23579
c	1100 Nos	Upto 500 mts	5.15.3	41.00	25110.45	1000 Nos	27621
9	5000 Nos	Planting the container plants by refilling pits of size 60cm.	5.22	1.71	1047.29	100 Nos	52365
10	12500 RM	Provision of vertical casurina poles 5cm to 8cm 2.50mtr ht. per plant	PWD SSR		17.50	1 RM	218750
11	500 Nos	Replacement of casualties by reopening failed pits and planting the seedlings (1/2 pitting rate on rainy days + full planting rate)	5.23	6.34	3882.93	100 Nos	19415
Sl. No	Qty	Description of work	F.S.R. No.	FSL (Man days)	Rate Rs.	Per	Amount

12	5000	Nos	Scraping for 1m dia and soil working 15cm depth around each plants and removing the grass roots away from the site of upturning the soil	5.24	1.23	753.31	100	Nos	37666
13	0	Nos	Forming catch water drains for each plant of 90x45x 30 cm size in hillocks and hard gravelly soil	5.26	6.84	4189.16	100	Nos	0
14	5000	Nos	Providing Brush wood fencing around each plants	-	0.25	153.11	1	No	765550
15	5000	Nos	Watering the plants once in 6 days during summer/non-rainy period from January to March @ one mazdoor for 200 plants/watering day (15 watering days)	NHAI ME		612.45	200	Nos	229669
16	1500000	Ltrs	Cost of water @ 20 liter per seedlings 15 watering days (5000x20x15=1500000 Lts)	NHAI ME		1200.00	12000	Lts	150000
17	1	Nos.	Plantation Protection mazdoors from October to March - 180 m.days	Wage rate	1	612.45	1	M. Days	110241
18	5000	Nos	Removing/scraping vizal monsoon or bothai grass for one meter dia around the plants	5.27	0.21	128.61	100	Nos	6431
19	5	Months	Provision for cost of pesticides and fungasides and Labour charges for application of pesticides - 2 times / month	L.R	-	200	1	times	2000
20	L.S		Photo & Documentation etc.,			LS			5000
21	LS		Contingencies and unforeseen expenditure to be restricted to as per actuals.			LS			3000
TOTAL									2431478
Add 10% of escalation									243148
Total prorata									2674626

Specifications :

- 1) No. of seedlings has been proposed for planting based on the Government of India Letter F.No.11-423/2011-FC dated 08.11.2017, compensatory afforestation has to be carried out at 500 seedlings per ha . Hence 5000 Nos of seedlings has been proposed for 10.00 Ha with 10% of casualty 500 Nos. Totally 5500 Nos of seedlings has been proposed.
- 2) Rates for the works in SI No. 2 and 8 have been provided for plains. If the area identified for compensatory afforestation is in hilly terrain, the rates for the hills may be followed.
- 3) The estimate has been prepared based on NHAI/MTP model estimate, FSR, PWD SSR for the year 2023-24 and the local rate as per model estimate and Research Wing rate.


 District Forest Officer,
 Dharmapuri Forest Division,
 Dharmapuri.


 5/2/2024

Model estimate for 1st year maintenance of CA plantation over an area of 10.00 Ha of degraded forest area at Pennagaram Reserved Forest in Hogenakkal Range during 2023-2024 under State CAMPA scheme

No of seedlings planted 5000

No of Seedlings for casulty replacement = 500

(10% replacement)

Size of Polybags = 30 x 45 x 600g

Wage rate = Rs. 612.45

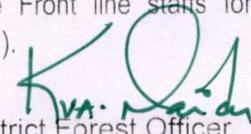
Sl. No	Qty		Description of work	F.S.R. No.	FSL (Man days)	Rate Rs.	Per		Amount
A. NURSERY OPERATION									
1	500	No	Raising cost of seedlings in 30x45 size polythene bags (As per nursery estimate)	As per nursery estimate	-	168.43	1	No	84218
TOTAL (A)									84218
B. PLANTING OPERATION									
1	500	No	Cost & transport of Farm yard manure each plants	4.6.11	FSR 2023-24	800.00	1	m3	28800
	36	M3	0.60x0.60x0.20=0.072m3/pit						
2	250	Nos.	Application of Farm yard manure by mixing in the pit before planting - 1 mazdoor for 200 Nos	FSL Wages Rate	-	612.45	200	Nos.	766
3	500	Nos.	Transporting saplings (transported in the radius of 40 Kms) excluding loading and unloading in Private vehicle	NHAI ME	--	7.00	1	No.	3500
4	500	Nos	Loading & unloading the container seedlings (30x45cm) in private lorry upto a lead of 2kms (excluding hire charges for the vehicles.)	5.11.7	3.29	2014.96	1000	Nos	1007
5			Distribution of seedlings in the site C.plants upto 500mtrs - in plains						
a	200	Nos	Up to 100 m.	5.15.1	10.00	6124.50	1000	Nos	1225
b	200	Nos	Up to 200 m.	5.15.2	17.50	10717.88	1000	Nos	2144
c	100	Nos	Up to 500 m.	5.15.2	41.00	25110.45	1000	Nos	2511
6	500	Nos	Replacement of casualties by reopening failed pits and planting the seedlings	5.23	5.57	3411.35	100	Nos	17057

7	5000	Nos	Scraping for 1m dia and soil working 15cm depth around each plants and removing the grass roots away from the site of upturning the soil	5.24	1.23	753.31	100	Nos	37666
8	5000	Nos	Cost of Bio Fertilizers including cost of application Vermi-campose 1 kg,Bio fertilizer 100 gms VAM 100 Gms	Research Wing Rate	-	17.60	1	No.	88000
9	3000000	Ltrs	Cost of water @ 20 liter per seedlings 30 watering days (5000x20x30=3000000 Ltrs)	NHAI ME	-	1200.00	12000	Lts	300000
10	5000	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	612.45	200	Shift	459338
11	0.00	No	Engaging protection Mazdoor @ 1 Mazdoor from April to March - 12 months (25 days/ Month)	FSR wage rate	-	612.45	0	No	0
12	LS		Contingencies and unforeseen expenditure to be restricted to as per actuals.			LS			5000
TOTAL (B)									947014
TOTAL (A+B) prorata for 1st year maintenance									1031232
Add 10% of escalation									103123
Total									1134355
Add 10% of escalation for 20%									113435
Total prorata									1247790

Specifications :

- 1) The estimate has been prepared based on NHAI/MTP model estimate, FSR, PWD SSR for the year 2023-24 and the local rate as per model estimate and research wing rate.
- 2) The rate for the work in SI No. 5 has been provided for plains. If the area identified for compensatory afforestation is in hilly terrain, the rates for hills may be adopted.

Note: The degraded Forest land is managable by the respective Range Front line staffs for protection and maintenance.Hence separate Protection mazdoor doesnot requires (item No.11).


 District Forest Officer,
 Dharmapuri Forest Division,
 Dharmapuri.


 5/2/2024

Model estimate for 2nd year maintenance of CA plantation over an area of 10.00 Ha of degraded forest at Pennagaram Reserved Forest in Hogenakkal Range during 2023-2024 under State CAMPA scheme

No of Seedlings = 5000

Survival 100% = 5000

Wage rate = Rs. 612.45

2023-2024

Sl. No	Qty	Description of work	F.S.R. No.	FSL (Man days)	Rate Rs.	Per	Amount
1	5000 Nos	Scraping for 1m dia and soil working 15cm depth around each plants and removing the grass roots away from the site of upturning the soil	5.24	1.23	753.31	100 Nos	37666
2	5000 Nos	Cost of Bio Fertilizers including cost of application Vermi-campose 1 kg, Bio fertilizer 100 gms VAM 100 Gms	Research Wing Rate	-	17.60	1 Kg	88000
3	3000000 Ltrs	Cost of water @ 20 liter per seedlings 30 waterig days (5000x20x30=3000000 Ltrs)	NHAI ME	-	1200.00	12000 Lts	300000
4	5000 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		612.45	200 Shift	459338
5	0.00 No	Engaging protection Mazdoor @ 1 Mazdoor (3 months) (25 days/ Month)	FSR wage rate	-	612.45	0 No	0
6	LS	Contingencies and unforeseen expenditure to be restricted to as per actuals.			LS		5000
Total prorata							890004
Add 10% of escalation							89000
Total							979004
Add 10% of escalation for 20%							97900
Total							1076904
Add 10% of escalation for 30%							107690
Total prorata 2nd year maintenance							1184594

Specifications :

The estimate has been prepared based on MTP model estimate, FSR, PWD SSR for the year 2023-24 and the local rate as per model estimate and Research Wing rate.

Note: The degraded Forest land is managable by the respective Range Front line staffs for protection and maintenance.Hence separate Protection mazdoor doesnot requires (item.no.5)

K. V. S. Saini
District Forest Officer,
Dharmapuri Forest Division,
Dharmapuri.

SS
5/2/2024

Model estimate for 3rd year maintenance of CA plantation over an area of 10.00 Ha of degraded forest at Pennagaram Reserved Forest in Hogenakkal Range during 2023-2024 under State CAMPA scheme

No of Seedlings = 5000
Survival 100% = 5000

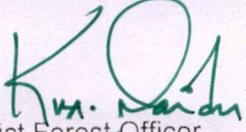
Wage rate = Rs. 612.45
2023-2024

Sl. No	Qty	Description of work	F.S.R. No.	FSL (Man days)	Rate Rs.	Per		Amount
1	5000 Nos	Scraping for 1m dia and soil working 15cm depth around each plants and removing the grass roots away from the site of upturning the soil	5.24	1.23	753.31	100	Nos	37666
2	5000 Kgs	Cost of Bio Fertilizers including cost of application Vermi-campose 1 kg, Bio fertilizer 100 gms VAM 100 Gms	Research Wing Rate	-	17.60	1	Kg	88000
3	3000000 Ltrs	Cost of water @ 20 liter per seedlings 30 watering days (5000x20x30=3000000 Ltrs)	NHAI ME	-	1200.00	12000	Lts	300000
4	5000 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	-	612.45	200	Shift	459338
5	0.00 No	Engaging protection Mazdoor @ 1 Mazdoor (3 months) (25 days/ Month)	FSR wage rate	-	612.45	0	No	0
6	LS	Contingencies and unforeseen expenditure to be restricted to as per actuals.			LS			5000
Total prorata								890004
Add 10% of escalation								89000
Total								89000
Add 10% of escalation for 20%								8900
Total								97900
Add 10% of escalation for 30%								9790
Total								107690
Add 10% of escalation for 40%								10769
Total prorata 3rd year maintenance								1303053

Specifications :

The estimate has been prepared based on MTP model estimate, FSR, PWD SSR for the year 2023-24 and the local rate as per model estimate and Research Wing rate.

Note: The degraded Forest land is manageable by the respective Range Front line staffs for protection, Hence separate Protection mazdoor doesnot requires(item no.5).


District Forest Officer,
Dharmapuri Forest Division,
Dharmapuri.


5/2/2024

Model estimate for 4th year maintenance of CA plantation over an area of 10.00Ha of degraded forest at Pennagaram Reserved Forest in Hogenakkal Range during 2023-2024 under State CAMPA scheme

No of Seedlings = 5000
Survival 100% 5000

Wage rate = Rs. 612.45
2023-2024

Sl. No	Qty	Description of work	F.S.R. No.	FSL (Man days)	Rate Rs.	Per	Amount
1	5000 Nos	Scraping for 1m dia and soil working 15cm depth around each plants and removing the grass roots away from the site of upturning the soil	5.24	1.23	753.31	100 Nos	37666
2	LS	Contingencies and unforeseen expenditure to be restricted to as per actuals.			LS		1000
Total prorata							38666
Add 50% of escalation							19333
Total prorata 4th year maintenance							57999
Add 10% of escalation for 5th year							5800
Total prorata for 5th year maintenance							63799
Add 10% of escalation for 6th year							6380
Total prorata for 6th year maintenance							70179
Add 10% of escalation for 7th year							7018
Total prorata for 7th year maintenance							77197
Add 10% of escalation for 8th year							7720
Total prorata for 8th year maintenance							84916
Add 10% of escalation for 9th year							8492
Total prorata for 9th year maintenance							93408
Add 10% of escalation for 10th year							9341
Total prorata for 10th year maintenance							102749

Specifications :

The estimate has been prepared based on MTP model estimate, FSR, PWD SSR for the year 2023-24 and the local rate as per model estimate and Research Wing rate.


 District Forest Officer,
 Dharmapuri Forest Division,
 Dharmapuri.


 5/2/24