

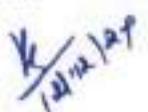
## COMPENSATORY AFFORESTATION SCHEME

Cost estimate for Compensatory Afforestation scheme including maintenance of plantation for 10 years in lieu of land diverted for laying pipeline under KKB MPL - 5.5831Ha of forest area 5.5181Ha (Two segments) in Thoppur RF of Dharmapuri Range and 0.065Ha (Two segments) in Gummanur RF of Palacode Range in Dharmapuri Forest Division

### 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 <b>degraded Forest area</b> of Kadathur Reserved Forest in Morappur Range during 2024-2025.	10.00	Ha.	8952013.00
2	Cost estimate for Compensatory Afforestation scheme in <b>Non Forest Land</b> over an area of 5.5831 Ha identified in SF.No.692/29, Extent.4.44.31Ha and 692/30, Extent 1.14.0Ha of No. 18 Kammampatti village in Dharmapuri Range during 2024-2025	5.58	Ha.	2145318.00
3	Chain link fencing around plantation to prevent biotic pressure @ 250RM per ha at the rate of Rs.2387 per RM for 4268mtr fencing over 10.00Ha of Kadathur Reserved Forest in Morappur Range during the year 2025-2026 <b>(Total Pheriphara- Enclosed)</b>	10.00	Ha.	10187716.00
4	Digging Bore well at Kadathur RF in Morappur Range during the year 2025-2026.	1.0	No	269500.00
5	Providing Drip irrigation System for the planted seedlings over 10.00Ha in Kadathur RF of Morappur Range during the year 2025-2026.	10.00	Ha.	1304023.00
<b>Total</b>				<b>₹ 2,28,58,570.00</b>
				<b>(or)</b>
				<b>228.585 Lakhs</b>

  
 District Forest Officer,  
 Dharmapuri Forest Division,  
 Dharmapuri.

 12/12/2024       12/12/24

**Abstract Model estimate for Raising Compensatory afforestation over an area of 10.00 Ha in degraded forest area at Kadathur Reserved Forest of Morappur Range during 2024-2025 under State CAMPA scheme**

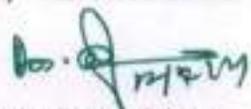
No. of seedlings : 5000 @ 500 Nos per Ha  
 For 10% casualty replacement : 500  
 TOTAL 5500

Sl. No.	Description of Work	Proposed estimate cost in Rupees	Remarks
1	2	3	4
1	Raising nursery - 5500 Nos	9,35,408	500 Nos of seedlings per ha
2	Planting operation - 5000 seedlings	27,87,615	10% Weightage towards escalation of labour wage rate during 2025-26
3	1 <sup>st</sup> year Maintenance	15,24,623	20% Weightage towards escalation of labour wage rate during 2026-27
4	2 <sup>nd</sup> year Maintenance	14,85,956	30% Weightage towards escalation of labour wage rate during 2027-28
3	3 <sup>rd</sup> year Maintenance	16,34,552	40% Weightage towards escalation of labour wage rate during 2028-29
6	4 <sup>th</sup> year Maintenance	61,542	50% Weightage towards escalation of labour wage rate during 2029-30
7	5 <sup>th</sup> year Maintenance	67,696	60% Weightage towards escalation of labour wage rate during 2029-30
8	6 <sup>th</sup> year Maintenance	74,466	70% Weightage towards escalation of labour wage rate during 2030-31
9	7 <sup>th</sup> year Maintenance	81,912	80% Weightage towards escalation of labour wage rate during 2031-32
10	8 <sup>th</sup> year Maintenance	90,104	90% Weightage towards escalation of labour wage rate during 2032-33
11	9 <sup>th</sup> year Maintenance	99,114	100% Weightage towards escalation of labour wage rate during 2033-34
12	10 <sup>th</sup> year Maintenance	1,09,025	110% Weightage towards escalation of labour wage rate during 2034-35
<b>TOTAL</b>		<b>89,52,013</b>	

Prorata for 1 ha area

8,95,201.30

(OR) Rs. 8.952 Lakhs

  
 District Forest Officer,  
 Dharmapuri Forest Division,  
 Dharmapuri.

  
 12/12/2024

  
 12/12/24

**Model estimate for Raising nursery for native tree species for Compensatory afforestation over an area of 10.00 Ha in degraded forest area at Kadathur Reserved Forest of Morappur Range during 2024-2025 under State CAMPA scheme**

Total Area = 10.00 Ha  
 Seedlings per ha = 500 Nos per Ha  
 No of Seedlings = 5000  
 10% Casualty = 500  
 Total = 5500

Size of Polybags = 13 x 25 x 250g  
 Trans Size of Polybags = 30 x 45 x 600g  
 Proposed Espacement = Gap planting  
Species proposed for planting  
 Native species like Vembu, Velvel, Nelli, Naval, Vengai and Iluppai etc.,

Wage rate 2024-2025 = Rs. 650.85

SL No	Qty	Unit	Name of Work	FSR / SSR	FSL	Rate	Per	Amount
<b>PART I - Small size bags.- 13X25 cm.</b>								
1	550	M <sup>2</sup>	Preparation of Nursery site by clearing and levelling the site for forming standard bed of size 10mX1m (110M <sup>2</sup> /1000 Nos)	4.1	2.42	1575.06	500 No	1733
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	-	920.40	1000 No	5062
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	533.70	10 Beds / day	1601
6	2.00	Bed	Watering the germination beds once daily with rose cans for 15 days	4.5.2	0.41	266.85	10 Beds / day	801
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 <sup>3</sup> /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 <sup>3</sup> /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	2915.81	1000 Nos	16037

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	As per Research Wing Rate	-	22.00	1	Kg	1210
12	28	Kg	Cost of Azospirium @ 5 gram per seedlings	As per Research Wing Rate	-	34.00	1	Kg	952
13	28	Kg	Cost of Phosphobacteria @ 5 gram per seedling	As per Research Wing Rate	-	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	149.70	1000	Day	12350
b	5500	Nos.	Once daily - 30 days	4.11.4	0.115	74.85			12350
c	5500	Nos.	Alternate days spread over 30 days (Effective days-15)		0.115	74.85			6175
15	5500	Nos.	cost of water for watering the container seedlings - 60 watering days	4.18.4 -	FSR 2024-25	8.50	1000	bag watering	2805
16	5500	Nos.	Land rent @ 3000 bags/40 sq.m) - 3 Months	4.17	FSR 2024-25	100.00	40	sq.m/mo nth	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	331.93	1000	Shift	3651
<b>SUB - TOTAL (A)</b>									<b>78654</b>
<b>PART II - Bigger size bags: 30x45cmx600g.</b>									
18	5500	Nos.	Cost of 30 X 45cm X 600 G Polythene bags	Tender rate	--	7670.00	1000	No	42185
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 2024-25	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 2024-25	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	18594.78	1000	Nos	102271
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	--	650.85	1	Nos	35797
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 horizontal 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	1	Each/time	11000
31			Watering the container plants with rose cans						
a	5500	Nos.	Twice daily - 15 days	4.10.7	0.56	364.48	1000	Day	30070
b	5500	Nos.	Once daily - 30 days	4.11.7	0.28	182.24	1000	Shift	30070

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	182.24	1000	Shift	30070
d	5500	Nos.	Twice in a week spread over 105 days (Effective days-30 days)	4.11.7	0.28	182.24	1000	Shift	30070
32	5500	Nos.	Land rent @ 500 bags/40 sq.m)	4.17	FSR 2024-25	100.00	40	sq.m/month	7700
	440	m <sup>2</sup> /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	1750.79	1000	Shift	67405
34	5500	Nos.	cost of water for watering the container seedlings - 120 watering days	4.18.4	FSR 2024-25	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	650.85	1	100000/M	10739
36			GST 18% (Item No.3, 18)						8504
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
38		L.S	Photo & Documentation etc.,					L.S	5000
39		L.S	Contingencies unforeseen items					L.S	3000
<b>SUB - TOTAL (B)</b>									<b>856754</b>
<b>TOTAL (A + B )</b>									<b>935408</b>

Raising cost for 5500nos of seedlings = 935408

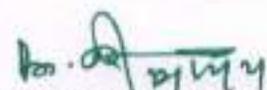
cost for 1 seedlings = Rs 170.07 per seedling 170.07

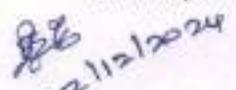
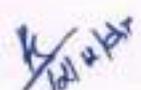
**Specifications :**

1) The 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 casuality 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 NHAJ/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.

  
 12/12/2024  


**Model estimate for planting of native tree species for Compensatory afforestation over an area of 10.00 Ha in degraded forest area at Kadathur Reserved Forest of Morappur Range during 2025-2026 under State CAMPA scheme**

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

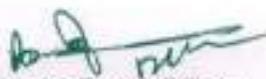
Size of Polybags = 30 x 45 x 600g  
 Wage rate = Rs. 650.85  
 2024-2025

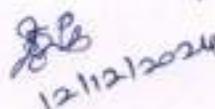
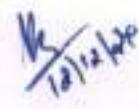
Sl. No	Qty		Description of work	F.S.R. No.	FSL (Man days)	Rate Rs.	Per		Amount
1	5000	Nos	Aligning and Marking in plantation area	5.2.4	1.38	898.17	100	Nos	44909
2	5000	Nos	Digging of 60 CM <sup>3</sup> pits in all types of soil during non rainy season	5.8.1	9.26	6026.87	100	Nos	301344
3	5000	No.	Cost & transport of Farmyard manure each plants 0.60x0.60x0.20=0.072m <sup>3</sup> /pit	4.6.11	FSR 2024-25	800.00	1	M3	288000
	360	M3							
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	650.85	200	No	16271
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	2141.30	1000	Nos	11777
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	6508.50	1000	Nos	14319
b	2200	Nos	Upto 200 mts	5.15.2	17.50	11389.88	1000	Nos	25058
c	1100	Nos	Upto 500 mts	5.15.3	41.00	26684.85	1000	Nos	29353
9	5000	Nos	Planting the container plants by refilling pits of size 60cm.	5.22	1.71	1112.95	100	Nos	55648
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	4126.39	100	Nos	20632
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	800.55	100	Nos	40028
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	4451.81	100	Nos	0
14	5000	Nos	Providing Brush wood fencing around each plants	-	0.25	162.71	1	No	813550
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		650.85	200	Nos	244069
16	1500000	Ltrs	Cost of water @ 20 liter per seedlings 15 waterig 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	650.85	1	M. Days	117153
18	5000	Nos	Removing/scraping vizal monsoon or bothai grass for one meter dia around the plants	5.27	0.21	136.68	100	Nos	6834
19	5	Months	Provision for cost of pesticides and fungasides and Labour charges for application of pesticides - 2 times / month	LR	-	200	1	time s	2000
20	LS		Photo & Documentation etc.,			LS			5000
21	LS		Contingencies and unforeseen expenditure to be restricted to as per actuals.			LS			3000
<b>TOTAL</b>									<b>2534195</b>
Add 10% of escalation									253420
<b>Total prorata</b>									<b>2787615</b>

**Specifications :**

- 1) The 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 NHA/MTP model estimate, FSR, PWD SSR for the year 2024-25 and the local rate as per model estimate and Research Wing rate.

  
 District Forest Officer,  
 Dharmapuri Forest Division,  
 Dharmapuri.

**Model estimate for 1st year maintenance of CA plantation over an area of 10.00 Ha in degraded forest area at Kadathur Reserved Forest of Morappur Range during 2026-2027 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

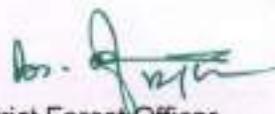
Wage rate = Rs. 650.85

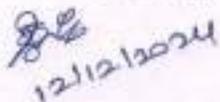
Sl. No	Qty		Description of work	F.S.R. No.	FSL (Man days)	Rate Rs.	Per		Amount
<b>A. NURSERY OPERATION</b>									
1	500	No	Raising cost of seedlings in 30x45 size polythene bags (As per nursery estimate)	As per nursery estimate	-	170.07	1	No	85039
<b>TOTAL (A)</b>									<b>85039</b>
<b>B. PLANTING OPERATION</b>									
1	500	No	Cost & transport of Farm yard manure each plants	4.6.11	FSR 2024-25	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	-	650.85	200	Nos.	814
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	2141.30	1000	Nos	1071
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	6508.50	1000	Nos	1302
b	200	Nos	Up to 200 m.	5.15.2	17.50	11389.88	1000	Nos	2278
c	100	Nos	Up to 500 m.	5.15.2	41.00	26684.85	1000	Nos	2668
6	500	Nos	Replacement of casualties by reopening failed pits and planting the seedlings	5.23	5.57	3625.23	100	Nos	18126

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	800.55	100	Nos	40028
8	5000	Nos	Cost of Bio Fertilizers including cost of application Vermi-campos 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	650.85	200	Shift	488138
11	300.00	MD	Engaging protection Mazdoor @ 1 Mazdoor from April to March - 12 months (25 days/ Month)	FSR wage rate	1	650.85	1	MD	195255
12	LS		Contingencies and unforeseen expenditure to be restricted to as per actuals.			LS			5000
<b>TOTAL (B)</b>									<b>1174980</b>
<b>TOTAL (A+B) prorata for 1st year maintenance</b>									<b>1260019</b>
Add 10% of escalation									126002
<b>Total</b>									<b>1386021</b>
Add 10% of escalation for 20%									138602
<b>Total prorata</b>									<b>1524623</b>

Specifications :

- 1) The estimate has been prepared based on NHAI/MTP model estimate, FSR, PWD SSR for the year 2024-25 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.

  
 District Forest Officer,  
 Dharmapuri Forest Division,  
 Dharmapuri.




**Model estimate for 2nd year maintenance of CA plantation over an area of 10.00 Ha in degraded forest area at Kadathur Reserved Forest of Morapper Range during 2027-2028 under State CAMPA scheme**

No of Seedlings = 5000

Survival 100% = 5000

Wage rate = Rs. 650.85

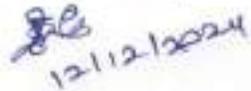
2024-2025

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	800.55	100 Nos	40028
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 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		650.85	200 Shift	488138
5	300.00 MD	Engaging protection Mazdoor @ 1 Mazdoor (3 months) (25 days/ Month)	FSR wage rate	1	650.85	1 MD	195255
6	LS	Contingencies and unforeseen expenditure to be restricted to as per actuals.			LS		5000
<b>Total prorata</b>							<b>1116421</b>
Add 10% of escalation							111642
<b>Total</b>							<b>1228063</b>
Add 10% of escalation for 20%							122806
<b>Total</b>							<b>1350869</b>
Add 10% of escalation for 30%							135087
<b>Total prorata 2nd year maintenance</b>							<b>1485956</b>

Specifications :

The estimate has been prepared based on MTP model estimate, FSR, PWD SSR for the year 2024-25 and the local rate as per model estimate and Research Wing rate.

  
 District Forest Officer,  
 Dharmapuri Forest Division,  
 Dharmapuri.

  
 12/12/2024

**Model estimate for 3rd year maintenance of CA plantation over an area of 10.00 Ha in degraded forest area at Kadathur Reserved Forest of Morappur Range during 2028-2029 under State CAMPA scheme**

No of Seedlings = 5000  
Survival 100% = 5000

Wage rate = Rs. 650.85  
2024-2025

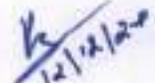
Sl. No	Qty	Description of work	F.S.R. No.	FSL (Man days)	Rate Rs.	Per	Amount
1	5000 Nos	Scraping for 1m dia and soil working 15cm depth around each plants and removing the grass roots away from the site of upturning the soil	5.24	1.23	800.55	100 Nos	40026
2	5000 Kgs	Cost of Bio Fertilizers including cost of application Vermi-campos 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	-	650.85	200 Shift	488138
5	300.00 MD	Engaging protection Mazdoor @ 1 Mazdoor (3 months) (25 days/ Month)	FSR wage rate	-	650.85	1 MD	195255
6	LS	Contingencies and unforeseen expenditure to be restricted to as per actuals.			LS		5000
<b>Total prorata</b>							<b>1116421</b>
Add 10% of escalation							111642
<b>Total</b>							<b>111642</b>
Add 10% of escalation for 20%							11164
<b>Total</b>							<b>122806</b>
Add 10% of escalation for 30%							12281
<b>Total</b>							<b>135087</b>
Add 10% of escalation for 40%							13509
<b>Total prorata 3rd year maintenance</b>							<b>1634552</b>

Specifications :

The estimate has been prepared based on MTP model estimate, FSR, PWD SSR for the year 2024-25 and the local rate as per model estimate and Research Wing rate.



District Forest Officer,  
Dharmapuri Forest Division,  
Dharmapuri.

 12/12/2024  12/12/2024

**Model estimate for 4th year maintenance of CA plantation over an area of 10.00 Ha in degraded forest area at Kadathur Reserved Forest of Morappur Range during 2029-2030 under State CAMPA scheme**

No of Seedlings = 5000  
Survival 100% 5000

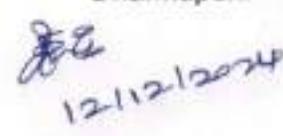
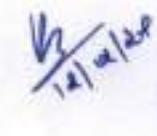
Wage rate = Rs. 650.85  
2024-2025

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	800.55	100 Nos	40028
2	LS	Contingencies and unforeseen expenditure to be restricted to as per actuals.			LS		1000
<b>Total prorata</b>							<b>41028</b>
Add 50% of escalation							20514
<b>Total prorata 4th year maintenance</b>							<b>61542</b>
Add 10% of escalation for 5th year							6154
<b>Total prorata for 5th year maintenance</b>							<b>67696</b>
Add 10% of escalation for 6th year							6770
<b>Total prorata for 6th year maintenance</b>							<b>74466</b>
Add 10% of escalation for 7th year							7447
<b>Total prorata for 7th year maintenance</b>							<b>81912</b>
Add 10% of escalation for 8th year							8191
<b>Total prorata for 8th year maintenance</b>							<b>90104</b>
Add 10% of escalation for 9th year							9010
<b>Total prorata for 9th year maintenance</b>							<b>99114</b>
Add 10% of escalation for 10th year							9911
<b>Total prorata for 10th year maintenance</b>							<b>109025</b>

Specifications :

The estimate has been prepared based on MTP model estimate, FSR, PWD SSR for the year 2024-25 and the local rate as per model estimate and Research Wing rate.

  
 District Forest Officer,  
 Dharmapuri Forest Division,  
 Dharmapuri.

**Abstract Model estimate for Raising Compensatory afforestation over an area of 5.5831 Ha in NFL identified in SF.No.692/29, Extent.4.44.31Ha and 692/30, Extent 1.14.0Ha of No.18 Kammampatti village in Dharmapuri Range during 2024-2025 under State CAMPA scheme**

No. of seedlings : 603 @108 Nos per Ha  
 For 10% casualty replacement : 60  
 TOTAL 663

Sl. No.	Description of Work	Proposed estimate cost in Rupees	Remarks
1	2	3	4
1	Raising nursery - 663 Nos	1,24,774	108 Nos of seedlings per ha
2	Planting operation - 603 seedlings	6,70,791	10% Weightage towards escalation of labour wage rate during 2025-26
3	1 <sup>st</sup> year Maintenance	3,98,273	20% Weightage towards escalation of labour wage rate during 2026-27
4	2 <sup>nd</sup> year Maintenance	4,13,600	30% Weightage towards escalation of labour wage rate during 2027-28
3	3 <sup>rd</sup> year Maintenance	4,54,957	40% Weightage towards escalation of labour wage rate during 2028-29
6	4 <sup>th</sup> year Maintenance	8,741	50% Weightage towards escalation of labour wage rate during 2029-30
7	5 <sup>th</sup> year Maintenance	9,615	60% Weightage towards escalation of labour wage rate during 2029-30
8	6 <sup>th</sup> year Maintenance	10,576	70% Weightage towards escalation of labour wage rate during 2030-31
9	7 <sup>th</sup> year Maintenance	11,634	80% Weightage towards escalation of labour wage rate during 2031-32
10	8 <sup>th</sup> year Maintenance	12,797	90% Weightage towards escalation of labour wage rate during 2032-33
11	9 <sup>th</sup> year Maintenance	14,077	100% Weightage towards escalation of labour wage rate during 2033-34
12	10 <sup>th</sup> year Maintenance	15,484	110% Weightage towards escalation of labour wage rate during 2034-35
<b>TOTAL</b>		<b>21,45,318</b>	

Prorata for 1 ha area

3,84,252.11

(OR) Rs. 3.842 Lakhs

  
 District Forest Officer,  
 Dharmapuri Forest Division,  
 Dharmapuri.

  
 12/12/2024

  
 12/12/24

**Model estimate for Raising nursery for native tree species for Compensatory afforestation over an area of 5.5831 Ha in NFL identified in SF.No.692/29, Extent.4.44.31Ha and 692/30, Extent 1.14.0Ha of No.18 Kammampatti village in Dharmapuri Range during 2024-2025 under State CAMPA scheme**

Total Area = 5.5831 Ha  
 Seedlings per ha = 108 Nos per Ha  
 No of Seedlings = 603  
 10% Casualty = 60  
 Total = 663

Size of Polybags = 13 x 25 x 250g  
 Trans Size of Polybags = 30 x 45 x 600g  
 Proposed Espacement = Gap planting

Species proposed for planting  
 Native species like Vembu, Velvel, Nelli, Naval, Vengai and Iluppai etc.,

Wage rate 2024-2025 = Rs. 650.85

SL No	Qty	Unit	Name of Work	FSR / SSR	FSL	Rate	Per	Amount	
<b>PART I - Small size bags.- 13X25 cm.</b>									
1	66	M <sup>2</sup>	Preparation of Nursery site by clearing and levelling the site for forming standard bed of size 10mX1m (110M <sup>2</sup> /1000 Nos)	4.1	2.42	1575.06	603	No	172
2	1.33	Kg	Cost of seeds (2kgs/ 500 Nos)	LR	--	250.00	1	No	333
3	663	Nos.	Cost of 13x25cmx250G Polythene bags	Tender rate	--	920.40	1000	No	611
4	2.00	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	146
5	2.00	Bed	Watering the germination beds twice daily with rose cans for 15 days	4.5.1	0.82	533.70	10	Beds / day	1601
6	2.00	Bed	Watering the germination beds once daily with rose cans for 15 days	4.5.2	0.41	266.85	10	Beds / day	801
7	0.56	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 <sup>3</sup> /500 Nos)	4.6.9	-	1200.00	1	Cu.m	672
8	0.19	Cu.m	Cost and transport of Farm yard manure for filling bags - 1/4th of the total volume. (0.28 M <sup>3</sup> /500 Nos)	4.6.11	-	800.00	1	Cu.m	152
9	663	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	2915.81	1000	Nos	1934

SL. No	Qty	Unit	Name of Work	FSR / SSR	FSL	Rate	Per		Amount
10	17	Kgs.	Cost of Vermicasting @ 25 gram per seedlings	As per Research Wing Rate	-	12.00	1	Kg	204
11	7	Kgs.	Cost of VAM @ 10 gram per seedlings		-	22.00	1	Kg	154
12	3	Kg	Cost of Azospirillum @ 5 gram per seedlings	As per Research Wing Rate	-	34.00	1	Kg	102
13	3	Kg	Cost of Phosphobacteria @ 5 gram per seedling		-	34.00	1	Kg	102
14			Watering the container plants with rose cans -						
a	663	Nos.	Twice daily - 15 days	4.10.4	0.23	149.70	1000	Day	1489
b	663	Nos.	Once daily - 30 days		0.115	74.85			1489
c	663	Nos.	Alternate days spread over 30 days (Effective days-15)		0.115	74.85			745
15	663	Nos.	cost of water for watering the container seedlings - 60 watering days	4.18.4 -	FSR 2024-25	8.50	1000	bag watering	338
16	663	Nos.	Land rent @ 3000 bags/40 sq.m) - 3 Months	4.17	FSR 2024-25	100.00	40	sq.m/month	66
	8.84	M2/ 3 months							
17	663	Nos.	Shifting the container plants, weeding, grading and replacement of casualities 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	331.93	1000	Shift	440
<b>SUB - TOTAL (A)</b>									<b>11551</b>
<b>PART II - Bigger size bags: 30x45cmx600g.</b>									
18	663	Nos.	Cost of 30 X 45cm X 600 G Polythere bags	Tender rate	-	7670.00	1000	No	5088
19	6.12	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 2024-25	1200.00	1	M3	7344
20	1.53	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 2024-25	800.00	1	M3	1224

SL. No	Qty	Unit	Name of Work	FSR / SSR	FSL	Rate	Per		Amount
21	663	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	18594.78	1000	Nos	12334
22	23	Kgs.	Cost of Vermicasting @ 35 gram per seedlings	As per Research Wing Rate	-	12.00	1	Kg	276
23	10	Kgs.	Cost of VAM @ 15 gram per seedlings	As per Research Wing Rate	-	22.00	1	Kg	220
24	4	Kg	Cost of Azospirillum @ 6 gram per seedlings	As per Research Wing Rate	-	34.00	1	Kg	136
25	4	Kg	Cost of Phosphobacteria @ 6 gram per seedling	As per Research Wing Rate	-	34.00	1	Kg	136
26	7	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	--	650.85	1	Nos	4556
27	663	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	29019
28	663	Nos.	Cost of horizontal strick (Casurina poles 5 cm -8 cm girth and 1.00 m height for each plants)	PWD SSR	--	17.50	1	Rm	11603
29	663	Nos.	Tying plants to the vertical stick once in a month - 2 times	ME	--	0.40	1	Each/ time	531
30	663	Nos.	Pruning side branches once in 2 months - 2 times	ME	--	1.00	1	Each/ time	1327
31			Watering the container plants with rose cans						
a	663	Nos.	Twice daily - 15 days	4.10.7	0.56	364.48	1000	Day	3626
b	663	Nos.	Once daily - 30 days	4.11.7	0.28	182.24	1000	Shift	3626

SL. No	Qty	Unit	Name of Work	FSR / SSR	FSL	Rate	Per		Amount
c	663	Nos.	Once in alternate days -spread over 60 days (Effective days-30 days)	4.11.7	0.28	182.24	1000	Shift	3626
d	663	Nos.	Twice in a week spread over 105 days (Effective days-30 days)	4.11.7	0.28	182.24	1000	Shift	3626
32	663	Nos.	Land rent @ 500 bags/40 sq.m)	4.17	FSR 2024-25	100.00	40	sq.m/month	928
	53.04	m <sup>2</sup> /7 months							
33	663	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	1750.79	1000	Shift	8129
34	663	Nos.	cost of water for watering the container seedlings - 120 watering days	4.18.4	FSR 2024-25	32.00	1000	bag watering	2547
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	650.85	1	100000/M	1295
36			GST 18% (Item No.3, 18)						1026
37	5	Months	Provision for cost of pesticides and fungicides and Labour charges for application of pesticides - 2 times / month	L.R	-	200	1	times	3000
38	L.S		Photo & Documentation etc.,			L.S			5000
39	L.S		Contingencies unforeseen items			L.S			3000
<b>SUB - TOTAL (B)</b>									<b>113223</b>
<b>TOTAL (A + B)</b>									<b>124774</b>

Raising cost for 663nos of seedlings = 124774

cost for 1 seedlings = Rs 188.11 per seedling 188.11

**Specifications :**

1) The compensatory afforestation has to be carried out at 108 seedlings per ha. Hence 603 Nos of seedlings has been proposed for 5.5831 Ha with 10% of casualty 63 Nos. Totally 663Nos 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.

12/12/2024

Talwar

**Model estimate for planting of native tree species for Compensatory afforestation over an area of 5.5831 Ha in NFL identified in SF.No.692/29, Extent.4.44.31Ha and 692/30, Extent 1.14.0Ha of No.18 Kammampatti village in Dharmapuri Range during 2025-2026 under State CAMPA scheme**

No of seedlings = 603  
 10% Casualty = 60  
 Total = 663

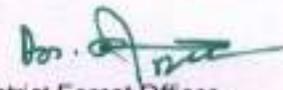
Size of Polybags = 30 x 45 x 600g  
 Wage rate = Rs. 650.85  
 2024-2025

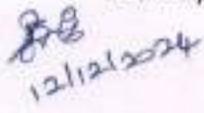
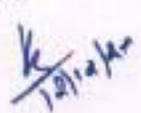
Sl. No	Qty	Description of work	F.S.R. No.	FSL (Man days)	Rate Rs.	Per		Amount
1	603 Nos	Aligning and Marking in plantation area	5.2.4	1.38	898.17	100	Nos	5416
2	603 Nos	Digging of 60 CM <sup>3</sup> pits in all types of soil during non rainy season	5.8.1	9.26	6026.87	100	Nos	36342
3	603 No.	Cost & transport of Farmyard manure each plants 0.60x0.60x0.20=0.072m <sup>3</sup> /pit	4.6.11	FSR 2024-25	800.00	1	M3	34733
	43 M3							
4	603 Nos	Application of Farm yard manure by mixing in the pit before planting - 1 mazdoor for 200 Nos	FSL Wage rate	1.00	650.85	200	No	1962
5	603 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	10613
6	663	Transporting saplings (transported to the radius of 40 kms) excluding loading and unloading by Private Vehicle	NHAI ME	-	7.00	1	No	4643
7	663 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	2141.30	1000	Nos	1420
8		Distribution of saplings from where seedlings are stocked to the planting spot in plains upto 500 mts.						
a	265 Nos	Upto 100 mts	5.15.1	10.00	6508.50	1000	Nos	1727
b	265 Nos	Upto 200 mts	5.15.2	17.50	11389.88	1000	Nos	3022
c	133 Nos	Upto 500 mts	5.15.3	41.00	26684.85	1000	Nos	3540
9	603 Nos	Planting the container plants by refilling pits of size 60cm.	5.22	1.71	1112.95	100	Nos	6711
10	12500 RM	Provision of vertical casurina poles 5cm to 8cm 2.50mtr ht. per plant	PWD SSR		17.50	1	RM	218750
11	60 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	4126.39	100	Nos	2488
Sl. No	Qty	Description of work	F.S.R. No.	FSL (Man days)	Rate Rs.	Per		Amount

12	603	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	800.55	100	Nos	4827
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	4451.81	100	Nos	0
14	603	Nos	Providing Brush wood fencing around each plants	-	0.25	162.71	1	No	98114
15	603	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		650.85	200	Nos	29435
16	180900	Ltrs	Cost of water @ 20 liter per seedlings 15 watering days (603x20x15=180900 Lts)	NHAI ME		1200.00	12000	Lts	18090
17	1	Nos.	Plantation Protection mazdoors from October to March - 180 m.days	Wage rate	1	650.85	1	M. Days	117153
18	603	Nos	Removing/scraping vizal monsoon or bothai grass for one meter dia around the plants	5.27	0.21	136.68	100	Nos	824
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
<b>TOTAL</b>									<b>609810</b>
Add 10% of escalation									60981
<b>Total prorata</b>									<b>670791</b>

**Specifications :**

- 1) The Compensatory afforestation has to be carried out at 108 seedlings per ha . Hence 603 Nos of seedlings has been proposed for 5.5831 Ha with 10% of casuality 63 Nos. Totally 663 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 2024-25 and the local rate as per model estimate and Research Wing rate.

  
 District Forest Officer,  
 Dharmapuri Forest Division,  
 Dharmapuri.

**Model estimate for 1st year maintenance of CA plantation over an area of 5.5831 Ha in NFL identified in SF.No.692/29, Extent.4.44.31Ha and 692/30, Extent 1.14.0Ha of No.18 Kammampatti village in Dharmapuri Range during 2026-2027 under State CAMPA scheme**

No of seedlings planted 603

No of Seedlings for casulty replacement = 60

(10% replacement)

Size of Polybags = 30 x 45 x 600g

Wage rate = Rs. 650.85

Sl. No	Qty		Description of work	F.S.R. No.	FSL (Man days)	Rate Rs.	Per		Amount
<b>A. NURSERY OPERATION</b>									
1	60.3	No	Raising cost of seedlings in 30x45 size polythene bags (As per nursery estimate)	As per nursery estimate	-	188.11	1	No	11345
<b>TOTAL (A)</b>									<b>11345</b>
<b>B. PLANTING OPERATION</b>									
1	60	No	Cost & transport of Farm yard manure each plants	4.6.11	FSR 2024-25	800.00	1	m3	3473
	4	M3	0.60x0.60x0.20=0.072m3/pit						
2	30.15	Nos.	Application of Farm yard manure by mixing in the pit before planting - 1 mazdoor for 200 Nos	FSL Wages Rate	-	650.85	200	Nos.	98
3	60.3	Nos.	Transporting saplings (transported in the radius of 40 Kms) excluding loading and unloading in Private vehicle	NHAI ME	--	7.00	1	No.	422
4	60.3	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	2141.30	1000	Nos	129
5			Distribution of seedlings in the site C.plants upto 500mtrs - in plains						
a	24.12	Nos	Up to 100 m.	5.15.1	10.00	6508.50	1000	Nos	157
b	24.12	Nos	Up to 200 m.	5.15.2	17.50	11389.88	1000	Nos	275
c	12.06	Nos	Up to 500 m.	5.15.2	41.00	26684.85	1000	Nos	322
6	60	Nos	Replacement of casualties by reopening failed pits and planting the seedlings	5.23	5.57	3625.23	100	Nos	2186

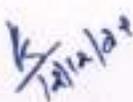
7	603	Nos	Scraping for 1m dia and soil working 15cm depth around each plants and removing the grass roots away from the site of upturning the soil	5.24	1.23	800.55	100	Nos	4827
8	603	Nos	Cost of Bio Fertilizers including cost of application Vermi-camposse 1 kg,Bio fertilizer 100 gms VAM 100 Gms	Research Wing Rate	-	17.60	1	No.	10613
9	351800	Ltrs	Cost of water @ 20 liter per seedlings 30 watering days (603x20x30=361800 Ltrs)	NHA/ ME	-	1200.00	12000	Lts	36180
10	603	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	650.85	200	Shift	58869
11	300.00	MD	Engaging protection Mazdoor @ 1 Mazdoor from April to March - 12 months (25 days/ Month)	FSR wage rate	1	650.85	1	MD	195255
12	LS		Contingencies and unforeseen expenditure to be restricted to as per actuals.			LS			5000
<b>TOTAL (B)</b>									<b>317806</b>
<b>TOTAL (A+B) prorata for 1st year maintenance</b>									<b>329151</b>
Add 10% of escalation									32915
<b>Total</b>									<b>362066</b>
Add 10% of escalation for 20%									36207
<b>Total prorata</b>									<b>398273</b>

Specifications :

- 1) The estimate has been prepared based on NHA/MTP model estimate, FSR, PWD SSR for the year 2024-25 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.

  
 District Forest Officer,  
 Dharmapuri Forest Division,  
 Dharmapuri.

  
 12/12/2024

  
 12/12/24

**Model estimate for 2nd year maintenance of CA plantation over an area of 5.5831 Ha in NFL identified in SF.No.692/29, Extent 4.44.31Ha and 692/30, Extent 1.14.0Ha of No.18 Kammampatti village in Dharmapuri Range during 2027-2028 under State CAMPA scheme**

No of Seedlings = 603

Survival 100% = 603

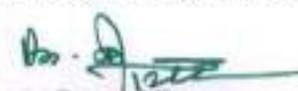
Wage rate = Rs. 650.85

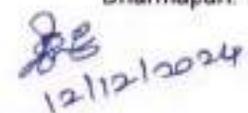
2024-2025

Sl. No	Qty	Description of work	F.S.R. No.	FSL (Man days)	Rate Rs.	Per	Amount
1	603 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	800.55	100 Nos	4827
2	603 Nos	Cost of Bio Fertilizers including cost of application Vermi-camposse 1 kg,Bio fertilizer 100 gms VAM 100 Gms	Research Wing Rate	-	17.60	1 Kg	10613
3	361800 Ltrs	Cost of water @ 20 liter per seedlings 30 watering days (613x20x30=361800 Ltrs)	NHAI ME	-	1200.00	12000 Lts	36180
4	603 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		650.85	200 Shift	58869
5	300.00 MD	Engaging protection Mazdoor @ 1 Mazdoor (3 months) (25 days/ Month)	FSR wage rate	1	650.85	1 MD	196255
6	LS	Contingencies and unforeseen expenditure to be restricted to as per actuals.			LS		5000
<b>Total prorata</b>							<b>310744</b>
Add 10% of escalation							31074
<b>Total</b>							<b>341818</b>
Add 10% of escalation for 20%							34182
<b>Total</b>							<b>376000</b>
Add 10% of escalation for 30%							37600
<b>Total prorata 2nd year maintenance</b>							<b>413600</b>

Specifications :

The estimate has been prepared based on MTP model estimate, FSR, PWD SSR for the year 2024-25 and the local rate as per model estimate and Research Wing rate.

  
 District Forest Officer,  
 Dharmapuri Forest Division,  
 Dharmapuri.




**Model estimate for 3rd year maintenance of CA plantation over an area of 5.5831 Ha in NFL identified in SF No.692/29, Extent.4.44.31Ha and 692/30, Extent 1.14.0Ha of No.18 Kammampatti village in Dharmapuri Range during 2024-2029 under State CAMPA scheme**

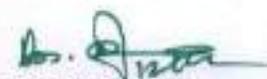
No of Seedlings = 603  
Survival 100% = 603

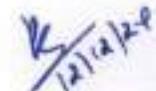
Wage rate = Rs 650.85  
2024-2025

Sl No	Qty	Description of work	F.S.R. No.	FSL (Man days)	Rate Rs.	Per	Amount
1	603 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	800.55	100 Nos	4827
2	603 Kgs	Cost of Bio Fertilizers including cost of application Vermi-compost 1 kg,Bio fertilizer 100 gms VAM 100 Gms	Research Wing Rate	-	17.60	1 Kg	10613
3	361800 Ltrs	Cost of water @ 20 liter per seedlings 30 watering days (603x20x30=361800 Ltrs)	NHAI/ME	-	1200.00	12000 Lts	36180
4	603 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	-	650.85	200 Shift	58869
5	300.00 MD	Engaging protection Mazdoor @ 1 Mazdoor (3 months) (25 days/Month)	FSR wage rate	1	650.85	1 MD	195255
6	LS	Contingencies and unforeseen expenditure to be restricted to as per actuals.			LS		5000
<b>Total prorata</b>							<b>310744</b>
Add 10% of escalation							31074
<b>Total</b>							<b>31074</b>
Add 10% of escalation for 20%							3107
<b>Total</b>							<b>34181</b>
Add 10% of escalation for 30%							3418
<b>Total</b>							<b>37599</b>
Add 10% of escalation for 40%							3760
<b>Total prorata 3rd year maintenance</b>							<b>454957</b>

Specifications:

The estimate has been prepared based on MTP model estimate, FSR, PWD SSR for the year 2024-25 and the local rate as per model estimate and Research Wing rate.

  
 District Forest Officer,  
 Dharmapuri Forest Division,  
 Dharmapuri.

 12/12/2024       12/12/24

**Model estimate for 4th year maintenance of CA plantation over an area of 5.5831 Ha in NFL identified in SF.No.692/29, Extent.4.44.31Ha and 692/30, Extent 1.14.0Ha of No.18 Kammampatti village in Dharmapuri Range during 2029-2030 under State CAMPA scheme**

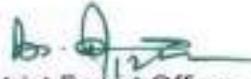
No of Seedlings = 603  
Survival 100% 603

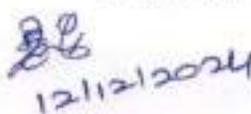
Wage rate = Rs. 650.85  
2024-2025

Sl. No	Qty	Description of work	F.S.R. No.	FSL (Man days)	Rate Rs.	Per	Amount
1	603 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	800.55	100 Nos	4827
2	LS	Contingencies and unforeseen expenditure to be restricted to as per actuals.			LS		1000
<b>Total prorata</b>							<b>5827</b>
Add 50% of escalation							2914
<b>Total prorata 4th year maintenance</b>							<b>8741</b>
Add 10% of escalation for 5th year							874
<b>Total prorata for 5th year maintenance</b>							<b>9615</b>
Add 10% of escalation for 6th year							961
<b>Total prorata for 6th year maintenance</b>							<b>10576</b>
Add 10% of escalation for 7th year							1058
<b>Total prorata for 7th year maintenance</b>							<b>11634</b>
Add 10% of escalation for 8th year							1163
<b>Total prorata for 8th year maintenance</b>							<b>12797</b>
Add 10% of escalation for 9th year							1280
<b>Total prorata for 9th year maintenance</b>							<b>14077</b>
Add 10% of escalation for 10th year							1408
<b>Total prorata for 10th year maintenance</b>							<b>15484</b>

Specifications :

The estimate has been prepared based on MTP model estimate, FSR, PWD SSR for the year 2024-25 and the local rate as per model estimate and Research Wing rate.

  
 District Forest Officer,  
 Dharmapuri Forest Division,  
 Dharmapuri.

  
 12/12/2024

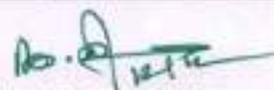
**Estimate for Providing Chain link fencing (for 1000m) around Compensatory Afforestation over an area of 10.00 Ha (4268 m) at Kadathur RF degraded Forest area of Morappur Range in Dharmapuri**

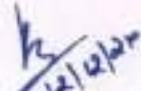
**Forest Division during 2024-25**

**ABSTRACT ESTIMATE**

Sl. No.	Quantity	Description	Rate	per	Amount
1	2000.00 M <sup>2</sup>	Clearing the Scrub jungle as per standard specification.	7.13	M <sup>2</sup>	14,260.00
2	108.43 M <sup>3</sup>	Earth work open excavation in SDR - (Not Requiring Blasting) Earth work excavating and depositing on bank with initial lead of 10 m & initial lift of 2m in Soft disintegrated rock, laterite, soft rock or kankar, not requiring blasting inclusive of shoring shuttering, bailing out water wherever necessary and depositing the excavated earth with a lead of 10 m'ts. in places shown by the departmental officers and clearing and levelling the site, etc., complete complying with standard specification.	113.90	M <sup>3</sup>	12,350.00
3	33.89 M <sup>3</sup>	Cement Concrete 1:2:4 (One Cement, Two sand and Four hard broken stone jelly) using 20 mm gauge hard broken granite stone jelly for foundation including dewatering wherever necessary and laid in layers of not more than 15 cm thick, well rammed, consolidated and curing etc. complete complying with standard specification	7,391.05	M <sup>3</sup>	2,50,483.00
4	451.80 M <sup>2</sup>	Supplying and erecting steel centering including necessary supports for plane surfaces for Reinforced Cement Concrete works such as column footings, column pedestals, plinth beams, grade beams, staircase steps, etc. which require only nominal strutting using mild steel sheets of size 90cm x 60cm and 10 BG stiffened with welded mild steel angles of size 25mm x 25mm x 3 mm for boarding, laid over silver oak joists of size 10cm x 6.5cm spaced at about 75cm centre to centre or at suitable intervals etc. complete in all floors complying with standard specification. (Payment for centering shall be given after the concrete is laid)	817.15	M <sup>2</sup>	3,69,188.00
5	5421.60 kg.	Supplying and fixing in position of 65 x 65 x 6mm MS angles including cost and conveyance of materials and fixing in position including cutting and welding etc; complete complying with standard specification and as directed by the departmental officers.	67.97	M <sup>3</sup>	3,68,506.00
6	1830.00 M <sup>2</sup>	Supplying and fixing in position of Chain Link 2" x 2" using 10 Gauge Galvanised Iron Wire (of all sizes) including cost and conveyance of all materials at site and labour for fixing including cost of binding wire etc. complete complying with standard specification.	275.05	M <sup>3</sup>	5,03,342.00

Sl. No.	Quantity	Description	Rate	per	Amount
7	135.54 M <sup>2</sup>	Plastering with Cement mortar 1:5 ( one cement and five sand ) 20mm thick in all floors including mixing mortar, working in all heights including curing with all leads and lifts for good water etc., complete complying with TNBSS and as directed by the departmental officers.	638.95	M <sup>2</sup>	86,603.00
8	135.54 M <sup>2</sup>	WHITE WASHING TWO COATS using best freshly burnt shell lime and colouring pigments in all floors including cost of lime blue powder, fevical type gum brushes, scaffolding charges etc., complete complying with standard specification.	44.25	M <sup>2</sup>	5,998.00
9	225.90 M <sup>3</sup>	Painting new iron works such as steel doors, windows, ventilators, window bars, balustrades etc., with two coats of best approved first quality and colour of synthetic enamel paint over the existing red oxide priming coat in all floors excluding cost of priming coat etc., complete complying with standard specification. (The make, quality and colour of paint should be got approved by the Executive Engineer before use on works.)	587.60	M <sup>3</sup>	1,32,739.00
10	36.14 M <sup>2</sup>	Refilling the excavated soil for basement level filling using foundation cutting earth etc complete complying with standard specification.	51.42	M <sup>2</sup>	1,858.00
11	LS	Transportation charges of chain link fencing and angles to the work site including loading and unloading etc; complete	LS		15,000.00
		<b>Sub Total</b>			<b>17,60,327.00</b>
12	LS	GST at 18% (CGST at 9% + SGST at 9%) is leviable for any Government contract, whether Civil or Electrical, irrespective of the GST rate applicable on purchase of goods used in the execution of Government Contract.	LS		3,16,859.00
13	LS	Provision for Labour welfare fund 1.00%	LS		17,603.00
14	LS	Contingencies of ( Gate ,Name boards and & photographic with documentation charges and Transportation Charges etc.)	LS		75,000.00
		<b>Sub Total</b>			<b>21,69,789.00</b>
		<b>Rate of I RM = 2169789/1000 = 2170</b>			
		<b>Perimeter is (4268 x 2170)</b>			<b>92,61,560.00</b>
		<b>Escallation of 10 % in 2025 - 2026</b>			<b>9,26,156.00</b>
		<b>Total</b>			<b>1,01,87,716.00</b>

  
 District Forest Officer,  
 Dharmapuri Forest Division,  
 Dharmapuri.

  
 12/12/2024  
  
 12/12/2024

**Estimate for Providing Chain link fencing (for 1000m) around Compensatory Afforestation over an area of 10.00 Ha (4268 m) at Kadathur RF degraded Forest area of Morappur Range in Dharmapuri Forest Division during 2024-25**

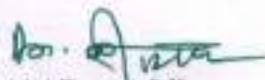
**DETAILED ESTIMATE**

Sl.No.	Description of work	No.	Length	Breath	Depth	Contents
1	Clearing the light jungle as per standard specification. Chain link fencing area	1 x 1	1000.00	2.00	-	2000.00 <u>2000.00</u> M <sup>2</sup>
2	Earth work open excavation in SDR - (Not Requiring Blasting) Earth work excavating and depositing on bank with initial lead of 10 m & initial lift of 2m in Soft disintegrated rock, laterite, soft rock or kankar, not requiring blasting inclusive of shoring shuttering, bailing out water wherever necessary and depositing the excavated earth with a lead of 10 m'ts. in places shown by the departmental officers and clearing and levelling the site, etc., complete complying with standard specification.  For Concrete Pillars (once in 2.40M)	1 x 418	0.60	0.60	0.60	90.29
	For supporting angles @ every 5 pillars (12.00m) in alternative sides.	1 x 84	0.60	0.60	0.60	18.14
						<u>108.43</u> M <sup>3</sup>
3	Cement Concrete 1:2:4 (One Cement, Two sand and Four hard broken stone jelly) using 20 mm gauge hard broken granite stone jelly for foundation including dewatering wherever necessary and laid in layers of not more than 15 cm thick, well rammed, consolidated and curing etc. complete complying with standard specification at clear distance of 2.40m centre to centre.  For Concrete Pillars (once in 2.40M)	1 x 418	0.30	0.30	0.75	28.22
	For supporting angles @ every 5 pillars (12.00m) in alternative sides.	1 x 84	0.30	0.30	0.75	5.67
						<u>33.89</u> M <sup>3</sup>
4	Supplying and erecting steel centering including necessary supports for plane surfaces for Reinforced Cement Concrete works such as column footings, column pedestals, plinth beams, grade beams, staircase steps, etc. which require only nominal strutting using mild steel sheets of size 90cm x 60cm and 10 BG stiffened with welded mild steel angles of size 25mm x 25mm x 3 mm for boarding, laid over silver oak joists of size 10cm x 6.5cm spaced at about 75cm centre to centre or at suitable intervals etc. complete in all floors complying with standard specification. (Payment for centering shall be given after the concrete is laid)  For Concrete Pillars (once in 2.40M)	4 x 418	0.30	-	0.75	376.20
	For supporting angles @ every 5 pillars (12.00m) in alternative sides.	4 x 84	0.30	-	0.75	75.60
						<u>451.80</u> M <sup>2</sup>
5	Supplying and fixing in position of 65 x 65 x6mm MS angles including cost and conveyance of materials and fixing in position including cutting and welding etc; complete complying with standard specification and as directed by the departmental officers.					

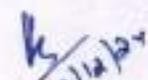
Sl.No.	Description of work	No.	Length	Breath	Depth	Contents
	For Concrete Pillars (once in 2.40M)	1 x 418	2.700	-	-	1128.60
	For supporting angles @ every 5 pillars (12.00m) in alternative sides.	1 x 84	2.700	-	-	226.80
						<u>1355.40</u> RM
	<b>Steel calculation</b> : (As per invoice)					
	For 7 Feet (or) 2.1336m length =	8.50 kg				
	For 1 metre length =	8.50 kg /	2.13 kg =	4.00 kg.		
	Total weight =	1355.40 RM x	4.00 kg =	5421.60 kg.		<b>5421.60</b> kg.
6	Supplying and fixing in position of Chain Link 2" x 2" using 10 Gauge Galvanised Iron Wire (of all sizes) including cost and conveyance of all materials at site and labour for fixing including cost of binding wire etc. complete complying with standard specification.					
	Chain link fencing around CA area.	1 x 1	1000.00	-	1.830	1830.00
						<u>1830.00</u> M <sup>2</sup>
7	Plastering with Cement mortar 1:5 ( one cement and five sand ) 12mm thick in all floors including mixing mortar, working in all heights including curing with all leads and lifts for good water etc., complete complying with TNBSS and as directed by the departmental officers.					
	Concrete Pillar around - AGL	4 x 418	0.30	-	0.15	75.24
	Concrete Pillar - Top	1 x 418	0.30	0.30	-	37.62
	For supporting angles @ every 5 pillars (12.00m) in alternative sides.	4 x 84	0.30	-	0.15	15.12
	Concrete Pillar - Top	1 x 84	0.30	0.30	-	7.56
						<u>135.54</u> M <sup>2</sup>
8	<b>White washing two coats</b> using best freshly burnt shell lime and colouring pigments in all floors including cost of lime blue powder, fevical type gum brushes, scaffolding charges etc., complete complying with standard specification.					
	Concrete Pillar around - AGL	4 x 418	0.30	-	0.15	75.24
	Concrete Pillar - Top	1 x 418	0.30	0.30	-	37.62
	For supporting angles @ every 5 pillars (12.00m) in alternative sides.	4 x 84	0.30	-	0.15	15.12
	Concrete Pillar - Top	1 x 84	0.30	0.30	-	7.56
						<u>135.54</u>
9	Painting new iron works such as steel doors, windows, ventilators, window bars, balustrades etc., with two coats of best approved first quality and colour of synthetic enamel paint over the existing red oxide priming coat in all floors excluding cost of priming coat etc., complete complying with standard specification. (The make, quality and colour of paint should be got approved by the Executive Engineer before use on works.)					

Sl.No.	Description of work	No.	Length	Breath	Depth	Contents
	MS angles of size 2" x 2" x 1/4" (50.80 x 50.80 x 6.25mm)	2 x 418	2.250	-	0.100	188.10
	For supporting angles @ every 5 pillars (12.00m) in alternative sides.	2 x 84	2.250	-	0.100	37.80
						<b>225.90</b> M <sup>2</sup>
10	Refilling the excavated soil for basement level filling using foundation cutting earth etc complete complying with standard specification.					
	1/3 <sup>rd</sup> Qty. of earth work (Item No.1)	1 x 1	108.43	/	3.00	36.14
						<b>36.14</b> M <sup>3</sup>
11	Transportation charges of chain link fencing and angles to the work site including loading and unloading etc; complete.					<b>LS</b>
12	GST at 18% (CGST at 9% + SGST at 9%) is leviable for any Government contract, whether Civil or Electrical, irrespective of the GST rate applicable on purchase of goods used in the execution of Government Contract.					<b>LS</b>
13	Provsion for Labour welfare fund @ 1.00%					<b>LS</b>
14	Provsion for Unforeseen items of works such as Painting and writting awareness sign boards, Documentation & photographic charges etc.					<b>LS</b>

  
**வனச்சரக அலுவலர்  
 மொரப்பூர் வனச்சரகம்  
 அலர்.**

  
 District Forest Officer,  
 Dharmapuri Forest Division,  
 Dharmapuri.

  
 12/12/2024

  
 12/12/24

**Providing of Drip Irrigation System for Planted Seedling at Kadathur RF of Morappur Range,  
Dharmapuri Forest Division under CAMPA Scheme, During 2024-2025**

**ABSTRACT ESTIMATE**

Sl. No	Qty	Description of work	Rate	Rate /Unit	Total
1	480.00	Supplying and fixing of 75 mm Pipe.	144.00	No (LR)	69,120
2	1020.00	Supplying and fixing of 63 mm Pipe.	93.00	No (LR)	94,860
3	37500.00	Supplying and fixing of 16 mm lateral pipe Class 2, 2.5kg/cm2.	9.30	No (LR)	3,48,750
4	50.00	Supplying and fixing of 63 mm Valve.	360.00	No (LR)	18,000
5	50.00	Supplying and fixing of 75 mm Valve.	980.00	No (LR)	49,000
<b>ORDER VALUE</b>					<b>5,79,730</b>
6	3000.00	Supplying and fixing of 16 mm Start	2.70	No (LR)	8,100
7	3000.00	Supplying and fixing of 16 mm Start	2.30	No (LR)	6,900
8	3000.00	Supplying and fixing of 16 mm Joiner	2.60	No (LR)	7,800
9	3000.00	Supplying and fixing of 16 mm End Cap	2.80	No (LR)	8,400
10	1000.00	Supplying and fixing of 63 mm TEE	3.70	No (LR)	3,700
11	60.00	Supplying and fixing of 63 mm Flush Valve	175.00	No (LR)	10,500
12	50.00	Supplying and fixing of 75 mm ELBOW	75.90	PWD SSR 24-25	3,795
13	150.00	Supplying and fixing of 63 mm ELBOW	86.00	No (LR)	12,900
14	50.00	Supplying and fixing of 75 mm TEE	104.10	PWD SSR 24-25	5,205
15	85.00	Supplying and fixing of 63 mm TEE	86.00	No (LR)	7,310
16	20.00	Supplying and fixing of 75 x 63 mm PVC Reducer	79.00	No (LR)	1,580
17	20.00	Supplying and fixing of Solvent of jointed in PVC pipes	360.00	No (LR)	7,200
<b>Total Fittings Value</b>					<b>83390</b>
Installation (4800 / Acre)					<b>144000</b>
Transportation Charges					17520
Earth work (JCB) 150 hr (1 hr / 1200)					180000
<b>Total Value</b>					<b>1004640</b>
Provision for GST 18%					180835
<b>Total</b>					<b>1185475</b>
<b>Escalation 10% of 2025 - 2026</b>					<b>1,18,548</b>
<b>Grand Total</b>					<b>1304023</b>

District Forest Officer  
Dharmapuri Division  
Dharmapuri-636 705

*[Handwritten Signature]*  
12/11/24

**Providing of Drip Irrigation System for Planted Seedling at Kadathur RF of Morappur Range,  
Dharmapuri Forest Division under CAMPA Scheme, During 2024-2025**

**DETAILED ESTIMATE**

Sl.No	Description	Unit	Nos	L	B	D	Qty
1	Supplying and fixing of 75 mm Pipe.						
	75 mm Pipe	m	1	1	480.00		480.00
	<b>Total in m</b>						<b>480.00</b>
2	Supplying and fixing of 63 mm Pipe.						
	63 mm Pipe		1	1	1020.00		1020.00
	<b>Total in m</b>						<b>1020.00</b>
3	Supplying and fixing of 16 mm lateral pipe Class 2, 2.5kg/cm2.						
	16 mm lateral pipe Class 2		1	1	37500.00		37500.00
	<b>Total in m</b>						<b>37500.00</b>
4	Supplying and fixing of 63 mm Valve.						
	63 mm Valve		1	1	50.00		50.00
	<b>Total in No</b>						<b>50.00</b>
5	Supplying and fixing of 75 mm Valve.						
	75 mm Valve		1	1	50.00		50.00
	<b>Total in No</b>						<b>50.00</b>
6	Supplying and fixing of 16 mm Start						
	16 mm Start		1	1	3000.00		3000.00
	<b>Total in No</b>						<b>3000.00</b>
7	Supplying and fixing of 16 mm Start						
	16 mm Washer		1	1	3000.00		3000.00
	<b>Total in No</b>						<b>3000.00</b>
8	Supplying and fixing of 16 mm Joiner						
	16 mm Joiner		1	1	3000.00		3000.00
	<b>Total in No</b>						<b>3000.00</b>
9	Supplying and fixing of 16 mm End Cap						
	16 mm End Cap		1	1	3000.00		3000.00
	<b>Total in No</b>						<b>3000.00</b>
10	Supplying and fixing of 63 mm TEE						
	63 mm TEE		1	1	1000.00		1000.00
	<b>Total in No</b>						<b>1000.00</b>
11	Supplying and fixing of 63 mm Flush Valve						
	63 mm Flush Valve		1	1	60.00		60.00
	<b>Total in No</b>						<b>60.00</b>
12	Supplying and fixing of 75 mm ELBOW						
	75 mm ELBOW		1	1	50.00		50.00
	<b>Total in Rm</b>						<b>50.00</b>
13	Supplying and fixing of 63 mm ELBOW						
	63 mm ELBOW		1	1	150.00		150.00
	<b>Total in No</b>						<b>150.00</b>
14	Supplying and fixing of 75 mm TEE						

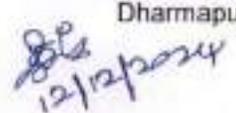
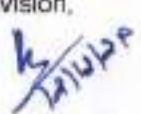
	75 mm TEE		1	1	50.00			50.00
	<b>Total in No</b>							<b>50.00</b>
15	Supplying and fixing of 63 mm TEE							
	63 mm TEE		1	1	85.00			85.00
	<b>Total in No</b>							<b>85.00</b>
16	Supplying and fixing of 75 x 63 mm PVC Reducer							
	75 x 63 mm PVC Reducer		1	1	20.00			20.00
	<b>Total in No</b>							<b>20.00</b>
17	Supplying and fixing of Solvent of jointed in PVC pipes							
	Solvent 1/2 litre		1	1	20.00			20.00
	<b>Total in No</b>							<b>20.00</b>

**Name of Work : Digging of Bore well work in Kadathur RF of Morappur Range, Dharmapuri Forest Division under CAMPA Scheme, during 2024 - 2025**

**DETAILED & ABSTRACT ESTIMATE**

Sl. No.	Qty	Description of work	Rate Per	Amount (Rs.)
1	18.00 m	Drilling of 150 mm dia borewell in the hard rock area to the required depth (Rate as approved by the TWAD Board). a) Over burden soil portion	275.00 /m	
		<b>Rate for 1m</b>	<b>275.00</b>	4,950.00
	286.80 m	b) Hard rock area	295.00 /m	
		<b>Rate for 1m</b>	<b>295.00</b>	84,606.00
2	18 m	Supply and erection of 165 mm dia PVC Casing pipe as per IS12818 / 2010 including labour charges for installation with all accessories etc..  1) The above rates are basic rates inclusive of transportation charges to site any where in Tamilnadu. 2) GST extra applicable as per GO	618.00 /m.	11,124.00
			<small>(As per TWAD board SOR 2021-2022, page No.22, Item No. 1.1 (1))</small>	
3	1.00 m	Bore cap using M.S. Flat of size 1 cm x 3 mm and M.S. sheet on top with bolting arrangements for securing the cap in position (Bore caps with M.S. Couplings need not be made)	526.20 /m	526.00
			<small>(As per TWAD board SOR 2021-2022, page No.27B, Item No. 1(b))</small>	
4	304.80 m	Supplying and fixing of 32mm UPVC pipe of 80 kg / Sq.cm. for outlet to the borewell including cost and conveyance of material and labour charges for installation with all accessories etc..	334.45 /m	1,01,940.00
		<b>Sub total</b>		<b>2,03,146.00</b>
		Provision for GST 18%	LS	36,566.00
		Provision for Labour Welfare fund 1%	LS	2,031.00
		Contigencies of Photographic with Documentation Charges etc..	LS	3,257.00
		<b>Total</b>		<b>2,45,000.00</b>
		Escalation 10% of 2025 - 2026		24,500.00
		<b>Grand Total</b>		<b>2,69,500.00</b>

  
 District Forest Officer,  
 Dharmapuri Forest Division,  
 Dharmapuri.

 12/12/2024  


Borewell