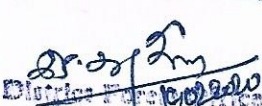



**WORK SCHEDULE FOR COMPENSATORY AFFORESTATION OVER AN AREA OF  
8.94 HA IN ANDIYAPPANUR RESERVED FOREST IN TIRUPATTUR RANGE,  
TIRUPATUR FOREST DIVISION**

**Abstract**

S.No	Name of the component	Proposed Estimate Cost	Justification
1	Raising Taller seedlings for plantation	820805	Since the proposed area is sandy in nature it is necessary to plant taller seedlings with 30x45cm size bag for better survival.
2	Planting of the Taller Seedlings	1800006	Raising plantation with taller seedlings will ensure better survival of the plantation with better initial growth
3	1st year Maintenance	603496	20% of the weightage tpwards esclation of labour wage rate for 1st year mainatnce
4	2nd year Maintenance	199625	30% of the weightage tpwards esclation of labour wage rate
5	3rd year Maintenance	205502	40% of the weightage tpwards esclation of labour wage rate
6	4th year Maintenance	226052	10% of the weightage tpwards esclation of labour wage rate from 3rd year mainatnce
7	5th year Maintenance	248657	10% of the weightage tpwards esclation of labour wage rate from 4th year mainatnce
8	6th year Maintenance	273523	10% of the weightage tpwards esclation of labour wage rate from 5th year mainatnce
9	7th year Maintenance	300875	10% of the weightage tpwards esclation of labour wage rate from 6th year mainatnce
10	8th year Maintenance	330963	10% of the weightage tpwards esclation of labour wage rate from 7th year mainatnce
11	9th year Maintenance	364059	10% of the weightage tpwards esclation of labour wage rate from 8th year mainatnce
12	10th year Maintenance	400465	10% of the weightage tpwards esclation of labour wage rate from 9th year mainatnce
	<b>Total</b>	<b>5774029</b>	

COUNTER SIGNED  
  
 District Forest Officer,  
 Tirupattur Division  
 17/12/2020

  
 Forest Range Officer  
 Tirupattur

**Estimate for Raising Preparatory Nursery(Taller Seedlings) for compensatory Afforestation over An Area of 8.94 Ha for diversion of Andiyappanur Reserved Forest in Tirupattur Range .**

**Tirupattur Division**

Total Area	8.94 HA	Total No.of Seedlings	8940 Nos
No Of Seedlings	1000/Ha		
Size of Bags	13X25 cm and 30X45 Naval, Thani, vengai , Neem ,etc.,	Casualty 10% -	894 Nos
Species		<u>Total</u>	9834 Nos
Pro- rata Rs. Per Seedlings		Wage Rate RS.	418.4 Nos

Sl. No	Name of the work	FSR/ SSR	Quantity	Rate	Per	Amount
1	PART - I <u>Small size bags 13x25 cm</u> Preparation of nursery site by clearing and levelling the site for forming standard bed of size 10m x 1m	4.1/ 2019-20	400 m <sup>2</sup>	1012.53	200 m <sup>2</sup>	2025.06 ✓
2	Cost of 13 x 25cm x 250G Poly bags(Including GST)	2019-20 LR	9834 Nos	1500	1000 Nos	14751.00 ✓
3	Cost of seeds	LR	15 Kg	250	1 Kg	3750.00 ✓
4	Formation of germination beds of size 10m x 1m x 0.3by heaping the soil	M.E/ 2018-19	12 m <sup>3</sup>	61.1	1 m <sup>3</sup>	733.20 ✓
5	Watering the germination beds twice daily with rose cans for 15days.	4.5.1/ 2019-20	12 bed	343.09	10 bed/ days	6175.62 ✓
6	Watering the germination beds once daily with rose cans for 30 days.	4.5.2/ 2019-20	12 bed	171.54	10 bed / days	6175.44 ✓
7	Collection & Supply of sand silt and red soil according to the requirement for preparation of soil mixture 4/5 <sup>th</sup> of the total volume. (1.96 M3/1000 Nos	LR	19.275 cu.m	850	1 cu.m	16383.44 ✓
8	Cost and Transport of farmyard manure for filling bags -1/5 <sup>th</sup> of the total volume.	LR	4.8187 cu.m	750	1 cu.m	3614.00 ✓



Sl. No	Name of the work	FSR/ SSR	Quantity	Rate	Per	Amount
9	Preparation of soil mixture by breaking clods, sieving, mixing red soil, silt, sand according to requirement and farmyard manure in the ratio 4:1 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	9834 nos	1874.43	1000 nos	18433.14
10	Cost of Vermicasting @35 gm per bag	Agro Forestry ME -2017-18	344.19 kg	15	1 kg	5162.85
11	Cost of Azospirillum@ 6gm per bag	Agro Forestry ME -2017-18	59.004 kg	34	1 kg	2006.14
12	Cost of Phospo bacteria at 6 grm per bag	Agro Forestry ME -2017-18	59.004 kg	34	1 kg	2006.14
13	Cost of VAM at 15grm per bag	Agro Forestry ME -2017-18	147.51 kg	25	1 kg	3687.75
14	Transport cost of seeds and bio -Fertilizer	As per Lowest quotation	LR			8000.00
15	Watering the container Plants with rose cans watering regime as per the NHAIME approved in PCCF's ref. No.(JI/57395/2003. Dt:12.12.2003)					
a.	Twice daily - 15 days	4.10.4/ 2019-20	9834 nos	96.23	1000 nos/ days	14194.89
b.	Once daily - 30 days	4.11.4/ 2019-20	9834 nos / days	48.12	1000 nos / days	14196.36
c.	Alternate days- 15 days	4.11.4/ 2019-20	9834 nos	48.12	1000 nos/ days	7098.2
16	Cost of water for watering the container seedlings from private wells -60 days	4.18.4 - PCCF ME	9834 nos	0.85	1000 nos/ days	501.5

Sl. No	Name of the work	FSR/ SSR	Quantity	Rate	Per	Amount
17	Shifting the container plants, weeding and grading and replacement of casualties in the bags shifting to done once in 21 days. First shifting not before 45 days after 45 days after pricking out 2 shifts.	4.15.4 / 2018-19	9834 / 2 shift	166.52	1000 /days	3275.1
18	Nursery Protection mazdoors 1 no / 20000 nos of 13X25 cm bags - 75 days	2019-20 wages rate	9834 nos / 75 days	418.4	20000 nos/ days	30859.1
	PART -A -Total					163029
	<u>PART -2 Bigger size bags : 30x45 cm x 600G</u>					
19	Cost of 30x45cm x 600G poly bags. (Including GST)	LR	9834 nos	7500	1000 nos	73755.00
20	Collection and Supply of sand, silt and red soil according to the requirement for preparation of soil mixture - 4/5 of the total Volume 2.59M3/1000 Nos(excluding the volume of earth in 13x25cm container)	LR	25.47 m3	850	1 m3	21649.55
21	Cost and Transport of farmyard manure for filling bags - 1/5 <sup>th</sup> of the total volume.	LR	6.3724 m3	850	1 m3	5416.57



Sl. No	Name of the work	FSR/ SSR	Quantity	Rate	Per	Amount
22	Preparation of soil mixture by breaking clods, sieving, mixing red soil, silt, sand according to requirement and farmyard manure in the ratio of 4:1 heaping at the filling site and filling poly bags, arranging bags in beds and pricking out the seedlings (excluding cost of soil mixture and FYM)	4.6.7/ 2019-20	9834 nos	11953.7	1000 nos	117552.59
23	Cost of Vermicasting @35 gm per seedlings.	Research wing rate	344.19 kg	10	1 kg	3441.90
24	Cost of Azospirillum@ 6gm per seedlings	Research wing rate	59.004 kg	27	1 kg	1593.11
25	Cost of Phospo bacteria at 6 gm per seedlings	Research wing rate	59.004 kg	18	1 kg	1062.07
26	Cost of VAM at 15gm per seedlings	Research wing rate	147.51 kg	27	1 kg	3982.77
27	Labour cost for Transplanting seedlings from 13x25 cm bags into 30X45 cm containers 10Maz/1000 nos	PCCF M.E for NHAI/ FSR 2019-20 Rate	9.834 maz	418.4	10 maz /1000 nos	4114.5456
28	Cost of vertical stick of size 2.5 mht	MTP ME	9834 nos	6	1 no	59004.00
29	Tying plants to the vertical stick once in a month – 2 times	MTP ME	9834 nos/2 times	0.2	1 nos/2 times	3933.60
30	Cost of horizondal sticks	MTP ME	4125 nos	1	1 no	4125.00
31	Pruning side branches once in a 2 month – 2 times	MTP ME	9834 nos/2 times	1	1 nos/ 2 times	19668.00
32	Watering hte container plants Twice daily – 60 days	4.10.7/ 2018-19	9834 nos	234.3	1000 nos/ days	138246.37

Sl. No	Name of the work	FSR/ SSR	Quantity	Rate	Per	Amount
33	Shifting the container 21 days. First shift after 45 days from the date of transplanting - 2 times.	4.15.7/ 2018-19	9834 nos /2shift	1125.5	1000 nos/ shift	22136.334
34	Cost of water for watering the container seedlings from private wells - 60 days	MTP ME	9834 nos	3.2	1000 nos/ days	1888.1
35	Nursery Protection mazdoors 3 nos / 20000nos of 30x45 bags - 120 days	2019-20 wages rate	9834 nos / 120 days	418.4	20000 nos/ days	74061.8
36	Provision of name board for scheme publicity,etc	L.s				10000
37	Species name board for Neem,Pungan, Puli,Poovarasu,Vagai, Konnai,etc	As per Lowest quotation	6 Nos	1000	1 No	6000
38	Contingencies for Purchase of pesticides Neem cake etc., for Nursery documentation works.	LS	--	--	--	11526
PART B- Total						583157
Grand Total (part -A + Part B)						746186
Add 10% Escalation						74619
Grand Total						820805

Specification:

This Estimate prepared based on the NHAI, MTP Model Estimates and FSR 2019-20, PWDSSR 2019-20 and the local rate as per Model Estimate

**COUNTER SIGNED**  
  
**District Forest Officer,**  
**Tirupattur Division.**  
 19/2/20  
 19/2/2020

  
**Forest Range Officer**  
**Tirupattur**



Estimate for r compensatory Afforestation over An Area of 8.94 Ha for diversion of Andiyappanur  
Reserved Forest in Tirupattur Range , Tirupattur Division

Size of bag : 30x 45cm X 400 g

No of Seedlings: 8894

Total Area

8.94 Ha

Wage Rate (4.5.8 FSR)

428.4

No of Seedlings /Ha

1000/Ha

Proposed Espacement

5Mx5M

Seedlings Planted

8894

10% Casuality

889

Total No Of Seedlings

9783.4

Sl. No.	Name of work	FSR / SSR item No.	Quantity	Unit	Rate	Per	Amount
1	2	3	4	5	6	7	8
1	<b>PLANTING</b>						
1	Aligning and Marking strip plantation including avenue	5.2.4	8894	Nos	577.39	1000	5135
2	Digging of 60Cm <sup>3</sup> pits in all types of soil for avenue plantations in Non-rainy season	5.8.1	8894	Nos	3874.38	100	344587
3	Collection and supply of sandsilt and redsoil according to the requirement 1/3 of the pit(0.60X0.60X0.20X4500) = 324 m <sup>3</sup>	NHAI ME	640	m <sup>3</sup>	750.00	1	480276
4	Cost of Vermicompost 1Kg/Plant	NHAI ME	8894	kgs	10.00	1	88940
5	Cost of VAM 100gm/Plant	NHAI ME	8894	kgs	18.00	1	160092
6	Cost of Azospirillum 12.5gm/Plant	NHAI ME	111.18	Kg	27.00	1	3002
7	Cost of Phospobacteria 12.5gm/Plant	NHAI ME	111.18	Kg	27.00	1	3002
8	Transporting saplings(Transported to the radius 40kms) Excluding loading and unliading	NHAI ME	8894	nos	7.00	1	62258
9	Loading and unloading the polythene container seedlings in Private/departmental vehicles (Excluding hire charges)	5.11.7	8894	Nos	1376.54	1000	12243
10	Distribution of saplings from where seedlings are stocked to the planting spot upto 100 mtrs	5.15.1	8894	Nos	4184.00	1000	37212

11	Planting the container seedlings by refilling the pits of size 60cm in avenue.	5.22	8894	Nos	715.46	100	63633
12	Replacement of casualties(10% of the totla plants)by re-opening the failed pits and planting the container plants and refilling 1/2 rate full rate of planting.	5.23	889	Nos	2330.49	100	20727
13	Scrap weeding for 1m dia and soil working 15cm depth around each plant and removing the grass roots away from the site by upturning the soil.	5.24	8894	Nos	514.63	100	45771
14	Watering the plants in 5 times/month /non rainy period @ one mazdoor for 200 /15 watering days	NHAI ME	8894	Nos	418.40	200	93031
15	Cost of water @ 20 liters per seedlings (15 watering days) at the rate once in 5 days - 20x2000x15=600000 liters	NHAI ME	889400	Lts	1200.00	12000	88940
16	Engaging protection mazdoor@1Maz/2500 plants(4 Months - 25 days per month - 100 days)	FSR 2019-20 - wages rate	300	nos	418.40	1	125520
17	Transport of Bio-fertilizer	NHAI ME					2000
18	Contigencies for application of pesticides,etc, and unforeseen iitems and Name board for Publicity (Total Cost >*2%)	L.s.					
	<b>Total</b>						<b>1636369</b>
Add 10% Escalation							163636.94
Grand Total							1800006

**Specification:**

This Estimate prepared based on the NHAI, MTP Model Estimates and FSR 2019-20, PWDSSR 2019-20 and the local rate as per Model Estimate

  
 Forest Range Officer  
 Tirupatur Range



**Estimate for 1st year maintenance of compensatory Afforestation over An Area of 8.94 Ha for diversion of Andiyappanur Reserved Forest in Tirupattur Range, Tirupattur Division under CAMPA Scheme.**

Total Area : 8.94 Ha

Total No.of Seedlings

894 Nos/ Ha

No Of Seedlings : 1000 Nos / Ha

Size of Bags - 13X25 cm and 30X45 cm

Casualty 10% -

894 Nos/ Ha

Species: Naval, Thani, vengai, Neem ,etc.,

Total

894 Nos/ Ha

Sl. No	Name of the work	FSR/ SSR	Quantity	Rate	Per	Amount
1	PART - I <u>Small size bags 13x25 cm</u> Preparation of nursery site by clearing and levelling the site for forming standard bed of size 10m x 1m	4.1/ 2019-20	20 m <sup>2</sup>	1012.53	200 m <sup>2</sup>	101.25 ✓
2	Cost of 13 x 25cm x 250G Poly bags(Including GST)	2019- 20 LR	894 Nos	1500	1000 Nos	1341.00 ✓
3	Cost of seeds	LR	3 Kg	250	1 Kg	750.00 ✓
4	Formation of germination beds of size 10m x 1m x 0.3by heaping the soil	M.E/ 2018-19	3 m <sup>3</sup>	61.1	1 m <sup>3</sup>	183.30 ✓
5	Watering the germination beds twice daily with rose cans for 15days.	4.5.1/ 2019-20	1 bed	343.09	10 bed/ days	514.64 ✓
6	Watering the germination beds once daily with rose cans for 30 days.	4.5.2/ 2019-20	1 bed	171.54	10 bed / days	514.62 ✓
7	Collection & Supply of sand silt and red soil according to the requirement for preparation of soil mixture 4/5 <sup>th</sup> of the total volume. (M3/1000 Nos	LR	0.364752 cu.m	850	1 cu.m	310.04 ✓
8	Cost and Transport of farmyard manure for filling bags -1/5 <sup>th</sup> of the total volume.	LR	0.0912678 cu.m	850	1 cu.m	77.58 ✓

9	Preparation of soil mixture by breaking clods, sieving, mixing red soil, silt, sand according to requirement and farmyard manure in the ratio 4:1 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	4.6.4	894 nos	1874.43	1000 nos	1675.74
10	Cost of Vermicasting @35 gm per bag	Agro Forestry ME -2017-18	31.29 kg	15	1 kg	469.35
11	Cost of Azospirillum@ 6gm per bag	Agro Forestry ME -2017-18	5.364 kg	34	1 kg	182.38
12	Cost of Phospho bacteria at 6 gm per bag	Agro Forestry ME -2017-18	5.364 kg	34	1 kg	182.38
13	Cost of VAM at 15gm per bag	Agro Forestry ME -2017-18	13.41 kg	25	1 kg	335.25
14	Transport cost of seeds and bio -Fertilizer	As per Lowest quotation	LR			8000.00
15	Watering the container Plants with rose cans watering regime as per the NHAIME approved in PCCF's ref. No.(JI/57395/2003. Dt:12.12.2003)					
a.	Twice daily - 15 days	4.10.4/ 2019-20	894 nos	96.23	1000 nos/ days	1290.44
b.	Once daily - 30 days	4.11.4/ 2019-20	894 nos / days	48.12	1000 nos / days	1290.58
c.	Alternate days- 15 days	4.11.4/ 2019-20	894 nos	48.12	1000 nos/ days	645.3



16	Cost of water for watering the container seedlings from private wells -60 days	4.18.4 - PCCF ME	894 nos	0.85	1000 nos/ days	45.6
17	Shifting the container plants, weeding and grading and replacement of casualties in the bags shifting to done once in 21 days. First shifting not before 45 days after 45 days after pricking out 2 shifts.	4.15.4 / 2018-19	894 / 2 shift	166.52	1000 /days	297.7
18	Nursery Protection mazdoors 2 no / 20000 nos of 13X25 cm bags - 75 days	2019-20 wages rate	894 nos / 75 days	418.4	20000 nos/ days	2805.4
	PART -A -Total					21013
	PART -2 Bigger size bags : 30x45 cm x 600G					
19	Cost of 30x45cm x 600G poly bags. (Including GST)	LR	894 nos	7500	1000 nos	6705.00
20	Collection and Supply of sand, silt and red soil according to the requirement for preparation of soil mixture - 4/5 of the total Volume 2.59M3/1000 Nos(excluding the volume of earth in	LR	1.950708 m3	850	1 m3	1658.10
21	Cost and Transport of farmyard manure for filling bags - 1/5 <sup>th</sup> of the total volume	LR	0.579312 m3	850	1 m3	492.42

22	Preparation of soil mixture by breaking clods, sieving, mixing red soil, silt, sand according to requirement and farmyard manure in the ratio of 4:1 heaping at the filling site and filling poly bags, arranging bags in beds and pricking out the seedlings (excluding cost of soil mixture and	4.6.7/ 2019-20	894 nos	11953.7	1000 nos	10686.60
23	Cost of Vermicasting @35 gm per seedlings.	Research wing rate	31.29 kg	10	1 kg	312.90
24	Cost of Azospirillum@ 6gm per seedlings	Research wing rate	5.364 kg	27	1 kg	144.83
25	Cost of Phospo bacteria at 6 gm per seedlings	Research wing rate	5.364 kg	18	1 kg	96.55
26	Cost of VAM at 15grm per seedlings	Research wing rate	13.41 kg	27	1 kg	362.07
27	Labour cost for Transplanting seedlings from 13x25 cm bags into 30X45 cm containers 10Maz/1000 nos	PCCF M.E for NHAI/ FSR 2019-20 Rate	0.894 maz	418.4	10 maz /1000 nos	374.0496
28	Cost of vertical stick of size 2.5 mht	MTP ME	894 nos	6	1 no	5364.00
29	Tying plants to the vertical stick once in a month – 2 times	MTP ME	894 nos/2 times	0.2	1 nos/2 times	357.60
30	Cost of horizontal sticks	MTP ME	4125 nos	1	1 no	4125.00
31	Pruning side branches once in a 2 month – 2 times	MTP ME	894 nos/2 times	1	1 nos/ 2 times	1788.00
32	Watering the container plants Twice daily – 60 days	4.10.7/ 2018-19	894 nos	234.3	1000 nos/ days	12567.85
33	Shifting the container 21 days. First shift after 45 days from the date of transplanting – 2 times.	4.15.7/ 2018-19	894 nos /2shift	1125.5	1000 nos/ shift	2012.394



34	Cost of water for watering the container seedlings from private wells - 60 days	MTP ME	894 nos	3.2	1000 nos/ days	171.6
35	Nursery Protection mazdoors 3 nos / 20000nos of 30x45 bags - 120 days	2019-20 wages rate	894 nos / 120 days	418.4	20000 nos/ days	6732.9
36	Provision of name board for scheme publicity etc	L.s				10000
37	Species name board for Neem,Pungan, Puli,Poovarasu,Vagai, Konnai etc	As per Lowest quotation	6 Nos	1000	1 No	6000
38	Contingencies for Purchase of pesticides Neem cake etc., for Nursery documentation works.	LS	--	--	--	11526
PART B- Total						81478
Grand Total (part -A + Part B)						102490

#### Planting Operation

Sl. No.	Name of work	FSR / SSR item No.	Quantity	Unit	Rate	Per	Amount
1	2	3	4	5	6	7	8
1	<b>PLANTING</b>						
1	Replacement of casualties(10% of the totla plants)by re-opening the failed pits and planting the container plants and refilling 1/2 rate full rate of planting.	5.23	894	Nos	3874.38	100	17319
2	Scrap weedling for 1m dia and soil working 15cm depth around each plant and removing the grass roots away from the site by upturning the soil.	5.24	8940	m <sup>3</sup>	514.63	100	46008

3	Cost of Vermicompost 1Kg/Plant	NHAI ME	894	kgs	10.00	1	8940
4	Cost of VAM 100gm/Plant	NHAI ME	894	kgs	18.00	1	16092
5	Cost of Azospirillum 12.5gm/Plant	NHAI ME	11.18	Kg	27.00	1	302
6	Cost of Phospobacteria 12.5gm/Plant	NHAI ME	11.18	Kg	27.00	1	302
7	Transporting saplings(Transported to the radius 40kms) Excluding loading and unliading	NHAI ME	894	nos	7.00	1	6258
8	Loading and unloading the polythene container seedlings in Private/departmental vehicles (Excluding hire charges)	5.11.7	894	Nos	1376.54	1000	1231
9	Distribution of saplings from where seedlings are stocked to the planting spot upto 100 mtrs	5.15.1	894	Nos	4184.00	1000	3740
10	Mulching the planted seedlings at 100 gms coconut coir pith per pit.	NHAI ME	8940	Nos	2.00	1	17880
11	Watering the plants in 5 times/month /non rainy period @ one mazdoor for 200 /15 watering days	NHAI ME	8940	Nos	418.40	200	280537
12	Cost of water @ 20 liters per seedlings (15 watering days) at the rate once in 5 days - 20x2000x15=600000 liters	NHAI ME	8940	Lts	1200.00	12000	894
13	Engaging protection mazdoor@1Maz/2500 plants(4Months - 25 days per month - 100 days)	FSR 2019-20 - wages rate	100	nos	418.40	1	41840



15	Transport of Bio-fertilizer	NHAI ME					800
16	Contigencies for application of pesticides,etc, and unforeseen iitems and Name board for Publicity (Total Cost >*2%)	L.s					4000
	<b>Total</b>						<b>548633</b>
Add 20% Escalation							54863.3135
Grand Total for 1st year							603496

Specification:

This Estimate prepared based on the NHAI, MTP Model Estimates and FSR 2019-20, PWDSSR 2019-20 and the local rate as per Model Estimate



19/12/20

19/12/2020

  
Forest Range Officer  
Tirupatur Range

Estimate for IInd year maintenace of compensatory Afforestation over An Area of 8.94 Ha for diversion of Andiyappanur Reserved Forest in Tirupattur Range , Tirupattur Division under CAMPA Scheme.

Total Area 8.94 Ha Wage Rate (4.5.8 FSR) 428.4  
 No of Seedlings /Ha 1000/Ha  
 Seedlings Planted 8940  
 Survival 95% 8493

Sl. No.	Name of work	FSR / SSR item No.	Quantity	Unit	Rate	Per	Amount
1	2	3	4	5	6	7	8
1	<b>PLANTING</b>						
1	Scrap weedling for 1m dia and soil working 15cm depth around each plant and removing the grass roots away from the site by upturning the soil.	5.24	8493	m <sup>3</sup>	514.63	100	43708
2	Cost of Vermicompost 1Kg/Plant	NHAI ME	8493	kgs	10.00	1	84930
3	Engaging protection mazdoor@1Maz (2 Months - 25 days per month - 50 days)	FSR 2019-20 - wages rate	50	nos	418.40	1	20920
4	Contigencies for application of pesticides,etc, and unforeseen iitems and Name board for Publicity	L.s					4000
	<b>Total</b>						<b>153558</b>
Add 30% Escalation							46067.4
Grand Total for IInd year							199625

Specification:

This Estimate prepared based on the NHAI, MTP Model Estimates and FSR 2019-20, PWDCSSR 2019-20 and the local rate as per Model Estimate



*[Signature]*  
 Forest Range Officer  
 Tirupattur Range

*[Signature]*  
 19/2/2020



Estimate for IIIInd year maintenace of compensatory Afforestation over An Area of 8.94 Ha for  
diversion of Andiyappanur Reserved Forest in Tirupattur Range, Tirupattur Division under  
CAMPA Scheme.

Total Area 8.94 Ha Wage Rate (4.5.8 FSR) 428.4  
No of Seedlings /Ha 1000/Ha  
Seedlings Planted 8940  
Survival 90% 8046

Sl. No.	Name of work	FSR / SSR item No.	Quantity	Unit	Rate	Per	Amount
1	2	3	4	5	6	7	8
1	<b>PLANTING</b>						
1	Scrap weedling for 1m dia and soil working 15cm depth around each plant and removing the grass roots away from the site by upturning the soil.	5.24	8046	m <sup>3</sup>	514.63	100	41407 ✓
2	Cost of Vermicompost 1Kg/Plant	NHAI ME	8046	kgs	10.00	1	80460 ✓
3	Engaging protection mazdoor@1Mazs(2 Months - 25 days per month - 50 days)	FSR 2019-20 - wages rate	50	nos	418.40	1	20920 ✓
4	Contigencies for application of pesticides,etc, and unforeseen iitems and Name board for Publicity	L.s					4000 ✓
	<b>Total Pro rata for 3rd year maintance</b>						<b>146787</b>
	Add 40% Escalation for Next Year						58714.8
	Prorate for Next Year						205502
	4 the year mainatnce Add 10% Escalation						20550
	4 Th Year Mainatnce Cost						226052
	5 the year mainatnce Add 10% Escalation						22605
	5 Th Year Mainatnce Cost						248657
	6 the year mainatnce Add 10% Escalation						24866
	6 Th Year Mainatnce Cost						273523
	7 the year mainatnce Add 10% Escalation						27352
	7 Th Year Mainatnce Cost						300875
	8 the year mainatnce Add 10% Escalation						30088
	8 Th Year Mainatnce Cost						330963
	9 the year mainatnce Add 10% Escalation						33096
	9 Th Year Mainatnce Cost						364059
	10 the year mainatnce Add 10% Escalation						36406
	10 Th Year Mainatnce Cost						400465

Specification:

This Estimate prepared based on the NHAI, MTP Model Estimates and FSR 2019-20,  
PWDSSR 2019-20 and the local rate as per Model Estimate

**COUNTER SIGNED**

  
**Forest Range Officer**

**WORK SCHEDULE FOR COMPENSATORY AFFORESTATION OVER AN AREA OF 4.47  
HA IN ANDIYAPPANUR RESERVED FOREST IN TIRUPATTUR RANGE, TIRUPATUR  
FOREST DIVISION**

**Abstract**

S.No	Description of work	Period of work
1	Raising Taller seedlings for plantation	Jun 2020 to October 2020
2	Planting of the Taller Seedlings	November 2020 to December 2020
3	1st year Maintenance	September 2021 to December 2021
4	2nd year Maintenance	September 2022 to December 2022
5	3rd year Maintenance	September 2023 to December 2023
6	4th year Maintenance	September 2024 to December 2024
7	5th year Maintenance	September 2025 to December 2025
8	6th year Maintenance	September 2026 to December 2026
9	7th year Maintenance	September 2027 to December 2027
10	8th year Maintenance	September 2028 to December 2028
11	9th year Maintenance	September 2029 to December 2029
12	10th year Maintenance	September 2030 to December 2030

**COUNTER SIGNED**  
  
 District Forest Officer,  
 Tirupattur Division.  
 19/2/20 19/2/2020

  
 Forest Range Officer  
 Tirupattur