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**ESTIMATE FOR RAISING NURSERY FOR TALLER SEEDLINGS FOR COMPENSATORY
AFFORESTATION PLANTATION AT THENKARAI VILLAGE IN COIMBATORE RANGE DURING 2014-15**

Proposed area = 4.18

No. of seedlings
200 Nos/Ha for 4.18 Ha 836
Casualty 10% 84
Total 920

Sl. No.	Quantity	Description of work	FSR item No.	Rate	Per	Amount (Rs.)
1	140 M ²	Preparation of nursery site by clearing and levelling the site for forming standard bed of size 10 m X 1m	4.1	675.80	200 M ²	473.00
2	1.84 Kgs.	Cost of seeds	L.R.	150.00	1 Kg	276.00
3		Cost of polythene bags				
	920 Nos	13 X 25 X 250 G Poly bags	Tender rate 12-13	567.00	1000 Nos	522.00
4	2.76 Beds	Forming of germination bed of size 10 m X 1 m X 30 cm by heaping the soil	PWD SSR Item No.62	41.85	1 each	116.00
5	0.92 Beds 15 days	Watering the germination beds twice daily with rosecan - 15 days.	4.5.1	229.00	10 bed 1 day	316.00
6	0.92 Beds 15 days	Watering the germination beds once daily with rosecan - 15 days.	4.5.2	103.20	10 bed 1 day	142.00
7	920 Nos. 0.969 M ³	Collection and supply of sand, silt and red soil according to the requirement for preparation of soil mixture - 4/5th of the total volume	LR	750.00	1 M ³	742.00
8	920 Nos 0.247 M ³	Collection and supply of farmyard manure for filling bags - 1/5th of the total volume	LR	750.00	1 M ³	185.00
9	920 Nos.	Preparation of soil mixture by breaking clods, sieving and mixing of fertile earth (including red soil, silt and sand etc., according to requirements) and farmyard manure at 3:1 ratio, heapitn at the fillign site and filling in polythene bags arranging bags in beds and pricking out the seedlings (excluding cost of earth and farmyard manure)	4.6.4	1251.05	1000 Nos	1151.00
10		Watering the container plants with rose cans watering regime as per the TAP ME approved by PCCF No.J1/57395/2003 dated:12.12.03				
a)	920 Nos. 15 days	Watering twice daily	4.10.4	64.25	1000 Nos	887.00
b)	920 Nos. 30 days	Once daily	4.11.4	32.15	1000 Nos	887.00
c)	920 Nos. 8 days	Alternate days	4.11.4	32.15	1000 Nos	237.00
11	920 Nos. 53 days	Cost of water for watering the container seedlings from private wells - 53 days	4.18FSR 1998-99	1000 /day 1 month		49.00
12	920 Nos. 2 Shifts	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 -5 shifts.	4.15.4	142.40	1000 Nos	262.00

PART-II BIGGER SIZE BAGS 30 X 45 CM X 600 G

13	920 Nos.	30 X 45 X 600 G Poly bags	Tender rate 13-14	6000.00	1000 Nos	5520.00
14	8.007 M ³	Collection and supply of sand, silt and red soil according to the requirement for preparation of soil mixture - 4/5th of the total volume (excluding the volume of earth in 13 x 25 cm containers)	LR	750.00	1 M ³	6005.00
15	2.37 M ³	Cost and transport of Farmyard manure for filling bags - 1/5th of the total volume	LR	750.00	1 M ³	1778.00
16	920 Nos.	Preparation of soil mixture by breaking clods, sieving and mixing of fertile earth (including red soil, silt and sand etc., according to requirements) and farmyard manure at 3:1 ratio, heap it at the fillign site and filling in polythene bags arranging bags in beds and pricking out the seedlings (excluding cost of earth and farmyard manure)	4.6.7	7978.15	1000 Nos	7340.00
17	920 Nos./ 32.2 Kgs.	Cost of Vermicasting and Bio-fertilizers cost of vermicasting @ 35 gram per seedlings	RW	5.00	1 Kg	161.00
18	920 Nos./ 14 Kgs.	Cost of VAM @ 15 gram per seedlings	RW	10.00	1 Kg	138.00
19	920 Nos./ 6 Kgs.	Cost of Azospirillum @ 6 gram per seedlings	RW	15.00	1 Kg	83.00
20	920 Nos./ 6 Kgs.	Cost of Phosphobacteria @ 6 gram per seedlings	RW	15.00	1 Kg	83.00
21	9.2 Nos.	Labour cost for transplanting seedlings from 13 x 25 cm container bags into 30 x 45 cm containers - 10 Maz /1000			279.25 /day 1000 /No	2569.00
22	920 Nos.	Cost of vertical stick of size 2.5 Mt.	NHAI ME	6.00	1 each	5520.00
23	460 Nos.	Cost of Horizontal stick	NHAI ME	1.00	1 each	460.00
24	920 Nos.	Tying plants to the vertical stick once in a month 2 times	NHAI ME	0.20	1 each	368.00
25	920 Nos.	Pruning side branches once in 2 months - 2 times	NHAI ME	1.00	1 each	1840.00
26		Watering the container plants with rose cans watering regime as per the TAP ME approved by PCCF's ref.No.J1/57395/2003 dated:12.12.2003				
a)	920 Nos. 60 days	Watering twice daily	4.10.7	156.40 78.20	1000 Nos	8633.00
b)	920 Nos. 60 days	Once daily	4.11.7	751.20	1000 Nos	41466.00

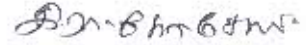
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27	920 Nos.	Shifting the container plants, weeding, grading and replacement of casualties in the bags- shifting to done once in 21 days, first shifting not before 45 days after	4.15.7	677.20	1000 Nos.	1246.00
	2 Shifts					
28	1No 180 days	Engaging protection mazdoor @ Rs.279.25/25 days / month for nursery	Wage rate	279.25	day	41888.00
29	LS	Contingencies such as application of pesticides panchakavya for erection of board etc. and creating awareness			LS	657.00
Total						132000.00

counter signed


District Forest Officer
Coimbatore Division
Coimbatore - 641 043


25/8/14



Forest Range Officer
Coimbatore Range
Coimbatore.

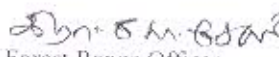
**ESTIMATE FOR RAISING COMPENSATORY AFFORESTATION PLANTATION AT AT
THENKARAI VILLAGE IN COIMBATORE RANGE DURING 2014-15**

Proposed Area :	4.18 Ha	<u>No. of Seedlings</u>		
		200 Nos / Ha for 4.18 Ha	=	836
		10 % of Casualty	=	84
		TOTAL	=	920

Sl. No	Quantity	Description of Work	FSR/SSR Item No.	Rate	per	Amount
1	920	Digging 60c ³ pits hard gravelly soil & hillocks during non rainy seasons	5.8.1	2585.85	100 Nos	23,790
2	920	Loading & unloading the container seedlings (30 x 45 cm) in private lorry upto a lead of 2 kms. Excluding hire charges for the vehicles)	5.11.7	918.25	1000Nos	845
3	920/ 2 load	Transporting of Container seedling (30x45 cm) in private vehicles upto a lead of 10 kms. Excluding loading and unloading charges @ 200 Nos/load	L.R	2000.00	1 load	4,000
4	920 nos	Transporting of Container seedling (30x45 cm) by head loading the places where approach roads are not available to take vehicles for planting site upto 500 mts in plains	5.13.2 (1)	9494.50	1000	8,735
5		Distribution of seedling in the site, C.plants upto 500 mtrs				0
		In Hillocks				0
a)	300	Up to 100m	5.16.1	5026.50	1000 nos	1,508
b)	300	Up to 200m	5.16.2	8377.50	1000 nos	2,513
c)	236	Up to 500m	5.16.3	14660.65	1000 nos	3,460
6	836 nos	Planting the container plants by refilling pit of size 60 cm	5.22	477.50	100 Nos	3,992
7	84 nos	Replacement of casualties by reopening the failed pits and planting the seedlings	5.23	1488.43	100 Nos	1,250
8	836 NOS	Scarping for 1 m dia and soil working 15 cm depth around each plants and removing the grass roots away from the site of uprooting the soil	5.24	343.50	100 Nos	2,872
9	1 No / 6 Months	Engaging one Protection Mazdoor From October - March.		279.25	1 Day	50,265
10	L.S	Contingencies for unforeseen expenditure to be restricted to as per actual etc.,	L.S	L.S	L.S	6,770
11	L.S	Fencing around the plantation	L.S	L.S	L.S	5,00,000
12	L.S	Soil and Moisture Conservation works	L.S	L.S	L.S	4,00,000
Total						10,10,000

(Rupees Ten Lakhs and Ten thousand only)


District Forest Officer
 Coimbatore Division
 Coimbatore - 641 043


Forest Range Officer,
 Coimbatore Range,
 Coimbatore

8/10
 25/8/14

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ESTIMATE FOR FIRST YEAR MAINTENANCE OF COMPENSATORY AFFORESTATION PLANTATION AT THENKARAI VILLAGE IN COIMBATORE RANGE DURING 2014-15

Proposed area = 14.18 ha

No. of seedlings

2000000 = 1000

Casualty 10% 84


Total 924

Sr. No.	Quantity	Description of work	FSR Item No.	Rate	Per	Amount (Rs)
1	84 Nos	Cost of 6 Months old (30x45 cm) Container seedlings from private Nursery	LR	50.00	1 No	4200.00
2	84 Nos	Transporting Container Seedlings 30x45cm in private lorry	LC	2000	1 No	2000.00
3	84 Nos	Loading and unloading the container seedlings	5.13.7	618.75	1000	77.00
4	84 Nos	Transporting charges for Container seedlings 3x45cm by head load up to 500mts	5.13.2	9494.50	1000	738.00
5	84 Nos	Distribution of Container seedlings				
6	30Nos	Up to 100 mts	5.15.1	2792.50	1000	84.00
7	30Nos	Up to 200 mts	5.15.2	4886.90	1000	146.00
8	24Nos	Up to 500 mts	5.15.3	11449.25	1000	275.00
9	84 Nos	Application of DAP mixture @ 20g per plant & Mixing the pits before planting including cost & transport	ME	1.00	1 No	84.00
10	84 Nos	Replacement of casualities by reopening failed pits and planting the seedling	5.23	1488.43	100	1250.00
11	836 Nos	Scrap- weeding and soil works 1 m dia and 15 cm depth around each plant.	5.24	343.50	100	2872.00
12	LS	Contingencies	LS	LS	LS	214.00
Total						12000.00

(Rupees Twelve Thousand Only)

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


 District Forest Officer
 Coimbatore Division
 Coimbatore - 641 043


 Forest Range Officer,
 Coimbatore Range
 Coimbatore

5/3/14

**ESTIMATE FOR SECOND YEAR MAINTENANCE OF COMPENSATORY AFFORESTATION PLANTATION
AT THENKARAI VILLAGE IN COIMBATORE RANGE DURING 2014-15**

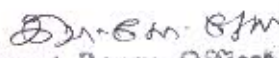
Proposed area = 4.18

No. of seedings
200 Nos/Ha for 4.18 Ha 836
Casualty 10% 84
Total 920

Sl. No.	Quantity	Description of work	FSR Item No.	Rate	Per	Amount (Rs.)
1	836 Nos	Scrap- Weeding and soil works 1 m dia and 15 cm depth around each plant	5.24	343.50	100	2872.00
2	LS	Contingencies	LS	LS	LS	628.00
		Total				3500.00

(Rupees Three Thousand Five Hundred Only)


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 Coimbatore - 641 043


Forest Range Officer,
 Coimbatore Range
 Coimbatore


 25/8/14

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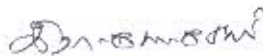
ESTIMATE FOR 3rd to 7th YEAR MAINTENANCE OF COMPENSATORY AFFORESTATION PLANTATION AT THENKARAI VILLAGE IN COIMBATORE RANGE DURING 2014-15

Proposed area = 2.12

No. of seedlings
No. of seedlings planted = 2
Casualty 10 %
Total

S.No	Quantities	Description of work	FSR Item No	Rate	Per	Amount (Rs.)
1	836 Nos	Scrap- Weeding and soil works 1 m dia and 15 cm depth around each plant.	5.24	343.5	100	2872.00
2	LS	Contingencies	LS	LS	LS	628.00
		Total				3500.00
		Add 20 % on Rs.3500/- for escalation cost (3500 X 20 % = 700)				700.00
		Total cost for 3rd year Maintenance				4200.00
		Add 20 % on Rs.4200/- for escalation cost (4200 X 20 % = 840)				840.00
		Total cost for 4th year Maintenance				5040.00
		Add 20 % on Rs.3500/- for escalation cost (5040 X 20 % = 1080)				1080.00
		Total cost for 5th year Maintenance				6120.00
		Add 20 % on Rs.3500/- for escalation cost (6120 X 20 % = 1224)				1224.00
		Total cost for 6th year Maintenance				7344.00
		Add 20 % on Rs.3500/- for escalation cost (7344 X 20 % = 1469)				1469.00
		Total cost for 7th year Maintenance				8813.00


District Forest Officer
Coimbatore Division
Coimbatore - 641 043


Forest Range Officer
Coimbatore Range
Coimbatore


25/8/14

ABSTRACT		
a) Cost of raising nursery	=	132000
b) Cost of raising compensatory afforestation plantation	=	1010000
c) Cost of 1 st year Maintenance	=	12000
d) Cost of 2 nd year Maintenance	=	3500
e) Cost of 3 rd to 7 th year Maintenance	=	31517
Total	=	1189017

S. B. K. S. R.
 Forest Range Officer,
 Coimbatore Range,
 Coimbatore.

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

[Signature]
 25/8/17

Ref. No. 6846/2014/C2

Dated : 25.07.2014

Form - 1
(for linear Projects)
Government of Tamil Nadu
Office of the District Collector, Coimbatore

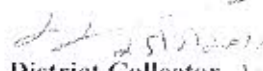
TO WHOM SOEVER IT MAY CONCERN

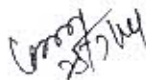
In Compliance of the Ministry of Environment and Forests (MoEF), Government of India's letter No.11-9/98-FC(Pt) dated 3rd August 2009 wherein the MoEF issued guidelines on submission of evidence for having initiated and completed the process of settlement of rights under the Scheduled Tribes and other Traditional Forest dwellers (Recognition of Forest Rights act, 2006 (FRA for short) on the Forest land proposed to be diverted for non forest purposes read with MoEF'S letter dated 5th February 2013 wherein MoEF issued certain relaxation in respect of linear projects, it is certified that 2.09 Hectares of forest land for laying of 110 KV DC line in by making LILO arrangements of existing Thudiyalur - Othakkalmandapam 110 KV feeder at Somayampalayam 110 KV Sub station which passes through Bolampatty - III RF and Thandagam RF in the Kanuvai Hills.

- 1 Certified that the proposal has been examined with reference to ensuring compliance of scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act 2006
- 2 Certified that there are no Scheduled Tribes and other Traditional Forest Dwellers in Bolampatty - III RF and Thadagam RF in the Kanuvai Hills in respect to the area for erection of 110 KV DC line Somayampalayam 110 KV Sub-Station.
- 3 Certified that there are no Primitive Groups (PTG) and Pre-Agricultural Communities (PAC) in the Bolampatty -III RF and Thadagam RF in the Kanuvai Hills Coimbatore. So the recognized rights of PTG and PAC are not affected.

Counters signed


District Forest Officer
Coimbatore Division
Coimbatore - 641 043


District Collector, 1/2
Coimbatore


25/7/14

25/7/14

