

Abstract for Compensatory Afforestation Scheme in Degraded Forest in Coimbatore Forest Division		
Sl. No.	Name of Work	Amount (in RS.)
1	Raising Nursery	4730000.02
2	Plantation	6130000.00
3	1st Year Maintenance	1200000.00
4	2nd Year Maintenance	135000.00
5	3rd to 10th year Maintenance	4229128.00
	Total	16424128.00

M. Joshi
Forest Range Officer,
Mettupalayam Range,

/Counter signed/
[Signature]
DISTRICT FOREST OFFICER,
COIMBATORE DIVISION,
COIMBATORE - 43.

[Stamp]
15/4/22
18/4/22

ESTIMATE FOR RAISING NURSERY FOR MEDICINAL PLANTS (SIMAROUBA GLAUCA AND NOTHAPODYTES NIMMONIANA) FOR DWARF PLANTATION UNDER 400KV DOUBLE CIRCUIT LINE TO BE PLANTED IN 15.15 HA. IN DEGREADED FOREST OF SUNDAPATTI AND NELLITHURAI RF IN METTUPALAYAM AND KARAMADAI RANGE DURING 2025-26

No . of Seedlings

Diverted land Area :	15.15 Ha	1000 Nos / Ha for 31.00 Ha	=	31000 Nos
Degreaded Forest land Area :	31.00 Ha	10 % of Casualty TOTAL	=	3100 Nos
			=	34100 Nos

Si. No	Quantity		Discription of Work	FSR/SSR Item No.	Rate	Per		Amt
1	7750	Sqm	Preparation of Nursery Site	4.1	1599.26	200 Sqm		61971
2	17.67	kgs	Cost of Seeds	L.R	300.00	1	kgs	5301
3	34100	Nos	Cost of 16X30 Cm X 300 G poly Bags	L.R	1740.50	1000	Nos	59351
4	31	Nos	Forming Germination Beds of Size 10mX 1mX0.30m by heading soil	FSR	660.85	1	Nos	20486
5	31	beds	Watering the Germination Beds twice daily with rosecane and covering the bed with gunny bags for 15 days	4.5.1	541.90	10	beds	25198
6	31	beds	Watering the Germination Beds once daily with rosecane for 15 days	4.5.2	270.95	10	beds	12599
7	7.068	cum	Collection and supply of sand, silt and red soil according to the requirment for preparation of soil mizure - 4/5 th of the total volume	MTP. M.E	750.00	0.65	cum	8155
8	2.915	cum	Cost and transport of Farm yard manure for 1/5th of the total volume for filling 10000 Nos. polybags of size 16x30cms.	L.R	750.00	0.65	cum	3363
9	34100	Nos	Preparation of Soil Mixture by breaking clods, sievingand mixing of fertile earth, red soil, silt, sand and FYM at 1:1:1 ratio., heaping at the filling silt and pricking out the seedlings.	4.6.5	3932.06	1000	Nos	134083
10	124.55	kgs	Cost of vermicompost @ 35 gms per container	Model estimate	10.00	1	kgs	1246
11	53.01	kgs	Cost of VAM @ 15 gms per container	Model estimate	18.00	1	kgs	954
12	17.67	kgs	Cost of Azospirillum & Phospobacteria @ 6gms each per container	Model estimate	27.00	1	kgs	477

Si. No	Quantity		Discription of Work	FSR/SSR Item No.	Rate	Per		Amt
13	17.67	kgs	Cost of Phospobacteria @ 6gms each per container	Model estimate	27.00	1	kgs	477
			Watering the 16x30 cms container seedlings with rose can					
14	34100	Nos	a)Twice daily for 10 days	4.10.5	244.51	1000	day	83378
15	34100	Nos	b) Once daily for 30 days	4.11.5	122.26	1000	day	125067
16	34100	Nos	c) Alternate days for 40 watering days	4.11.5	122.26	1000	day	166756
17	34100	Nos	Cost of CFS Polythene container of Size 30 x 45 cm x 300 Gauge	L.R	6584.40	1 No		224528
18	68	Trip	Transport of Saplings by Private Vehicle (Transported to Radius upto 3 KM)	LR	6000	1 Trip		408000
19	158.59	M ³	Cost and Transport of Sand (20 M ³ for forming Mother bed 31.16 M ³ for Filling Bags)	MTP. ME	750.00	1 M ³		118943
20	158.59	M ³	Cost and Transport of Silt (20M ³ for forming Mother bed 31.16M ³ for Filling Bags)	MTP. ME	750.00	1 M ³		118943
21	158.59	M ³	Cost and Transport of Farm Yard Manure (20M ³ for forming Mother bed 31.16M ³ for Filling Bags)	MTP. ME	750.00	1 M ³		118943
22	34100	Nos	Preparation of Soil Mixture by Breaking Clouds Seiving and mixing of Sand Silt according to requirement and Farm Yard Manure , Heaping at the Filling Poly Bags , Arranging Bags in Beds and Transplanting the Seedlings.	4.6.7	18880.48	1000 Nos		643824
23	34100	Nos	Watering the Container Plants Once Daily (36 Days)	4.11.7	185.04	1000 / Day		6310
24	34100 43 Days	Nos	Watering the Container Plants Weekly twice in 43 Days From 1 st April to 30 th August	4.11.7	185.04	1000 / Day		271324
25	34100 6 Shifts	Nos	Weeding Shifting and arranging in beds (6 Shifting).	4.15.7	1777.69	1000 / Day		363715

Si. No	Quantity		Discription of Work	FSR/SSR Item No.	Rate	Per	Amt
26	682	Kgs	Cost of DAP @ 10 gms per Plant in two times	As per Research Wing Rate	25.00	1 Kg	17050
27	682	Kgs	Cost of Neem Cake @ 10 gms per Plant in two times.	As per Research Wing Rate	25.00	1 Kg	17050
28	34100 Nos 270 Days	Days	Engaging one Protection Mazdoor	As Per FSR 2024-25	660.85	$\frac{100000 \text{ Nos}}{\text{day}}$	60844
29	25	Nos	Hose pipe for Watering	LR	6600.00	1 No	165000
30	9	No	Rose Cane for Watering	LR	2200.00	1 No	19800
31	713	M	Providing Chainlink fence (site plan is enclosed)	as mode estimate	1450.00	RM	1033850
32	LS	-	Contingencies for Unforseen Expenditure.	-	-	-	3011
Sub total							4,300,000
Escalation charges 10% extra for the year 2026-27							430000
Total							4730000

(Rupees Forty Seven Lakh and Thirty thousand only)

Sir ,

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

M. Joshi
Forest Range Officer,
Mettupalayam Range,

/Count signed/
[Signature]
DISTRICT FOREST OFFICER
COIMBATORE DIVISION,
COIMBATORE - 43.

[Signature]
15/4-25

**ESTIMATE FOR PLANTING SEEDLINGS FOR DWARF PLANTATION UNDER 400KV
DOUBLE CIRCUIT LINE TO BE PLANTED IN 15.15 HA. IN DEGREADED FOREST OF
SUNDAPATTI AND NELLITHURAI RF IN METTUPALAYAM AND KARAMADAI RANGE
DURING 2025-26**

Diverted Area :		15.15 Ha	1000 Nos / Ha for	=	31000 Nos
Degreaded Forest		31.00 Ha	10 % of Casualty	=	3100 Nos
			TOTAL	=	34100 Nos

No . of Seedlings

Sl. No	Quantity	Description of Work	FSR/SS R Item No.	Rate	per	Amount
1	31 Ha.	Aligning & Marking	5.2.1	911.97	Nos.	28271
2	31000	Digging 60cm ³ pits hard gravelly soil & hillocks during non rainy seasons	5.8.1	6119.47	100 Nos	1897036
3	34100	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	2174.20	1000 Nos	74140
4	34100/ 68 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	6000.00	1000 Nos / load	408000
5	34100 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)	22468.90	1000	766189
6		Distribution of seedling in the site, C.plants upto 500 mtrs				
		In Hillocks				
a)	21700	Up to 100m	5.15.1	6608.50	1000 nos	143404
b)	9300	Up to 200m	5.15.2	11564.88	1000 nos	107553
c)	3100	Up to 500m	5.15.3	27094.85	1000 nos	83994
7	31000 nos	Planting the container plants by refilling pit of size 60 cm	5.22	1130.05	100 Nos	350316
8	3100 nos	Replacement of casualties by reopening the failed pits and planting the seedlings	5.23	565.03	100 Nos	17516

9	31000 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	812.85	100 Nos	277182
10	10 No / 6 Months	Engaging Protection Mazdoor From October - March (25 days).	FSR	660.85	1 Day	991275
11	1 No.	Drilling of borewell and installation of motor with solar panel including pipe line for irrigation purpose in the planting area.	LQ	1500000.00	No.	1500000.00
12	3.00 KM	Digging of EPT around the Planting area (10 Ha.)	PWD Rate	700000.00	KM	2100000
13	1 No.	Laying movable wooden platform for entering into the planting area from outside of the EPT.	LQ	50000.00	No.	50000
	Sub Total					8,794,876
14		Escalation charges 10 %				447974
15	L.S	Contingencies for unforeseen expenditure to be restricted to as per actual etc.,	L.S	L.S	L.S	7150
Total						9,250,000

(Rupees Ninety Two lakhs and Fifty Thousand Thousand only)

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

/ Courtu signed /

DISTRICT FOREST OFFICER
COIMBATORE DIVISION,
COIMBATORE - 43.

15/4/25

M. Joshi

Forest Range Officer
Mettupalayam Range

**ESTIMATE OF FIRST YEAR MAINTANENCE OF COMPENSATORY AFFORESTATION
MEDICINAL PLANTS (SIMAROUBA GLAUCA AND NOTHAPODYTES NIMMONIANA)
FOR DWARF PLANTATION UNDER 400KV DOUBLE CIRCUIT LINE TO BE PLANTED
IN 15.15 HA. IN DEGREADED FOREST OF SUNDAPATTI AND NELLITHURAI RF IN
METTUPALAYAM AND KARAMADAI RANGE DURING 2024-25**

No . of Seedlings

Degreaded Forest land

Area : 31.00 Ha

1000 Nos / Ha for = 31000 Nos

31.00 Ha

10 % of Casualty = 3100 Nos

Si. No	Quantity		Discription of Work	FSR/SSR Item No.	Rate	Per		Amt
1	713	Sqm	Preparation of Nursery Site	4.1	2420.00	200 Sqm		8627.00
2	3.1	kgs	Cost of Seeds	L.R	300.00	1	kgs	930.00
3	3100	Nos	Cost of 16X30 Cm X 300 G poly Bags	L.R	1740.50	1000	Nos	5396.00
4	3.1	Nos	Forming Germination Beds of Size 10mX 1mX0.30m by heading soil	FSR	660.85	1	Nos	2049.00
5	3.1	beds	Watering the Germination Beds twice daily with rosecane and covering the bed with gunny bags for 15 days	4.5.1	541.90	10	beds	2520.00
6	3.1	beds	Watering the Germination Beds once daily with rosecane for 15 days	4.5.2	270.95	10	beds	1260.00
7	0.62	cum	Collection and supply of sand, silt and red soil according to the requirment for preparation of soil mizure - 4/5 th of the total volume	MTP. M.E	750.00	0.65	cum	715.00
8	0.28	cum	Cost and transport of Farm yard manure for 1/5th of the total volume for filling 10000 Nos. polybags of size 16x30cms.	L.R	750.00	0.65	cum	323.00
9	3100	Nos	Preparation of Soil Mixture by breaking clods, sievingand mixing of fertile earth, red soil, silt, sand and FYM at 1:1:1 ratio., heaping at the filling silt and pricking out the seedlings.	4.6.5	3932.06	1000	Nos	12189.00
10	11.315	kgs	Cost of vermicompost @ 35 gms per container	Model estimate	10.00	1	kgs	113.00
11	4.8	kgs	Cost of VAM @ 15 gms per container	Model estimate	18.00	1	kgs	86.00
12	1.58	kgs	Cost of Azospirillum & Phospobacteria @ 6gms each per container	Model estimate	27.00	1	kgs	43.00
13	1.58	kgs	Cost of Phospobacteria @ 6gms each per container	Model estimate	27.00	1	kgs	43.00

Si. No	Quantity		Discription of Work	FSR/SSR Item No.	Rate	Per		Amt
			Watering the 16x30 cms container seedlings with rose can					
14	3100	Nos	a)Twice daily for 10 days	4.10.5	244.51	1000	day	7580.00
15	3100	Nos	b) Once daily for 30 days	4.11.5	122.26	1000	day	11370.00
16	3100	Nos	c) Alternate days for 40 watering days	4.11.5	122.26	1000	day	15160.00
17	3100	Nos	Cost of CFS Polythene container of Size 30 x 45 cm x 300 Gauge	L.R	6584.40	1 No		20412.00
18	6	Trip	Transport of Saplings by Private Vehicle (Transported to Radius upto 3 KM)	LR	6000	1 Trip		36000.00
19	14.41	M ³	Cost and Transport of Sand (20 M ³ for forming Mother bed 31.16 M ³ for Filling Bags)	MTP. ME	750.00	1 M ³		10808.00
20	14.41	M ³	Cost and Transport of Silt (20M ³ for forming Mother bed 31.16M ³ for Filling Bags)	MTP. ME	750.00	1 M ³		10808.00
21	14.41	M ³	Cost and Transport of Farm Yard Manure (20M ³ for forming Mother bed 31.16M ³ for Filling Bags)	MTP. ME	750.00	1 M ³		10808.00
22	3100	Nos	Preparation of Soil Mixture by Breaking Clouds Seiving and mixing of Sand Silt according to requirement and Farm Yard Manure , Heaping at the Filling Poly Bags , Arranging Bags in Beds and Transplanting the Seedlings.	4.6.7	18880.48	1000 Nos		58529.00
23	3100	Nos	Watering the Container Plants Once Daily (36 Days)	4.11.7	185.04	1000 / Day		574.00
24	3100 43 Days	Nos	Watering the Container Plants Weekly twice in 43 Days From 1 st April to 30 th August	4.11.7	185.04	1000 / Day		24666.00
25	<u>3100</u> 6 Shifts	Nos	Weeding Shifting and arranging in beds (6 Shifting).	4.15.7	1777.69	1000 / Day		33065.00
26	62	Kgs	Cost of DAP @ 10 gms per Plant in two times	As per Research Wing Rate	25.00	1 Kg		1550.00
27	62	Kgs	Cost of Neem Cake @ 10 gms per Plant in two times.	As per Research Wing Rate	25.00	1 Kg		1550.00
28	<u>3100 Nos</u> 270 Days	Days	Engaging one Protection Mazdoor	As Per FSR 2024-25	660.85	<u>100000 Nos</u> day		5531.00
29	3100 Nos		Loading and unloading the container seedling	5.11.7	2174.20	1000		6740.02

Sl. No	Quantity	Discription of Work	FSR/SSR Item No.	Rate	Per	Amt
30	3100 Nos	Transporting Charges for seedling 30 x 45 by head load up to 500 mts	5.13.2	22468.90	1000	69653.59
31	3100 Nos	Distribution of Container seedlings				
a.)	1240	upto 100 m	5.15.1	6608.50	1000	7930.20
b.)	1240	upto 200 m	5.15.2	11564.88	1000	13878.00
c.)	620	upto 500 m	5.15.3	27094.85	1000	16799.00
32	3100 Nos	Application of DAP Mixture @ 20g per plant & Mixing the pits before planting including cast & transport	ME	25.00	1 No.	1550.00
33	3100 Nos	Replacement of causalities by reopening failed pits and planting the seeding	5.23	565.03	100	17516.00
34	31000 Nos	Scrap - weeding and soil works 1m dia and 15 cm depth around each plant	5.24	812.85	100	251984.00
	Sub total					668755.81
35	Add 10 % on Rs. 552129 - for escalation Charges for 2026-27 (552129x10%) = Rs.55213					66876.00
	Sub Total - B					735631.81
36	Add 10 % on Rs. 607342 - for escalation Charges for 2027-28 (607342x10%) = Rs.60734					73563.00
37	LS	Contingencies for Unforseen Expenditure.	—	—	—	627.93
	Sub total					1545454.55
	Escalation charges 10% extra for the year 2027-28					154545.45
	Total					1700000.00

(Rupees Seventeen Lakhs only)

Sir,

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

M. Josgh

Forest Range Officer,
Mettupalayam Range,

(Counter signed)
[Signature]
DISTRICT FOREST OFFICER
COIMBATORE DIVISION,
COIMBATORE - 43.

[Signature]
18/11/25

**ESTIMATE OF SECOND YEAR MAINTANENCE OF COMPENSATORY AFFORESTATION
MEDICINAL PLANTS (SIMAROUBA GLAUCA AND NOTHAPODYTES NIMMONIANA) FOR
DWARF PLANTATION UNDER 400KV DOUBLE CIRCUIT LINE TO BE PLANTED IN 15.15 HA.
IN DEGREADED FOREST OF SUNDAPATTI AND NELLITHURAI RF IN METTUPALAYAM AND
KARAMADAI RANGE DURING 2025-26**

No of Seedling Planted 31000 Nos
10% Causality 3100 Nos


SL. No	Qty	Details of Works	FSR/SSR Item No.	Rate	Per	Amount
1	31000 Nos	Scrap - weeding and soil works 1m dia and 15 cm depth around each plant	5.24	812.85	100	251983.50
		Sub Total - A				251,983.50
2		Add 10 % on Rs. 251984 - for escalation Charges for 2026-27 (251984x10%) = Rs.18445				25,198.00
		Sub Total - B				277,181.50
3		Add 10 % on Rs. 277182- for escalation Charges for 2027-28 (277182x10%) = Rs. 20290				27,718.00
		Sub Total - C				304,899.50
4		Add 10 % on Rs. 304900 - for escalation Charges for 2028-29 (304900x10%) = Rs. 22319				30,490.00
	L.s	Contingencies	L.S	L.S.	L.S	4,610.50
		Total				340,000.00

(Rupees Three lakhs Forty Thousand only)

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

(Counter signed)

DISTRICT FOREST OFFICER,
COIMBATORE DIVISION,
COIMBATORE - 43.


Forest Range Officer,
Mettupalayam Range,


15/4/25

**ESTIMATE OF THIRD YEAR TO TENTH YEAR MAINTANENCE OF COMPENSATORY
AFFORESTATION MEDICINAL PLANTS (SIMAROUBA GLAUCA AND NOTHAPODYTES
NIMMONIANA) FOR DWARF PLANTATION UNDER 400KV DOUBLE CIRCUIT LINE TO BE
PLANTED IN 15.15 HA. IN DEGREADED FOREST OF SUNDAPATTI AND NELLITHURAI RF
IN METTUPALAYAM AND KARAMADAI RANGE DURING 2025-26 to 2030-31**

No of Seedling Planted 10000 Nos

10% Causality 1000 Nos

SL. No	Qty	Details of Works	FSR/SSR Item No.	Rate	Per	Amount
1	31000 Nos	Scrap - weeding and soil works 1m dia and 15 cm depth around each plant	5.24	812.85	100	251,983.50
		Sub Total :-				251,983.50
		Escalation Charges for 2026-27				25,198.00
		Escalation Charges for 2027-28				27,718.00
		Escalation Charges for 2028-29				30,490.00
2	L.s	Contingencies	L.S	L.S.	L.S	804.00
		Grand Total				336,193.50
		Add 10% for escalation cost				33,619.00
		Total cost for 3rd year maintenance :-				369,812.50
		Add 10% for escalation cost				36,981.00
		Total cost for 4th year maintenance :-				406,793.50
		Add 10% for escalation cost				40,679.00
		Total cost for 5th year maintenance :-				447,472.50
		Add 10% for escalation cost				44,747.00
		Total cost for 6th year maintenance :-				492,219.50
		Add 10% for escalation cost				49,222.00
		Total cost for 7th year maintenance :-				541,441.50
		Add 10% for escalation cost				54,144.00
		Total cost for 8th year maintenance :-				595,585.50
		Add 10% for escalation cost				59,559.00
		Total cost for 9th year maintenance :-				655,144.50
		Add 10% for escalation cost				65,514.00
		Total cost for 10th year maintenance :-				720,658.50

	L.s	Contingencies	L.S	L.S.	L.S	4,341.50
Total						725,000.00
(Rupees Seven lakhs Twenty Five Thousand only)						

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

M. Joseph

Forest Range Officer,
Mettupalayam Range,

/ Counter signed /
R.M.P.

DISTRICT FOREST OFFICER
COIMBATORE DIVISION,
COIMBATORE - 43.

15/4/25
16/4/25