

TAMILNADU FOREST DEPARTMENT

From

To

Tmt.C. Vidhya, IFS.,
District Forest Officer,
Dindigul Forest Division,
Collectorate Complex,
Dindigul – 624 004.
Ph: 0451 – 2460 470.

The Chief Conservator of Forests,
Dindigul Circle,
Dindigul

C.No. 2439/2019/D1 dated: 2.11.2020

Sir,

Sub: Forests – Forest (Conservation) Act, 1980 – Dindigul Circle / Dindigul Forest Division – Proposal of diversion of 1.68 Ha. of forest land for road up gradation of black top road from the foot hills of L. Malaiyur to L. Malaiyur village – Online proposal submission by the User Agency i.e., DRDA., AE Natham Union Office Dindigul District on behalf of DRDA., Collectorate, Dindigul District – Regarding.

Ref: 1) Online application uploaded by the User Agency – A.E., Natham Union Office, Dindigul District on behalf of DRDA., Collectorate, Dindigul District dated: 21.08.2017 (FP/TN/ROAD/28608/2017)

2) Chief Conservator of Forests, Dindigul Circle, Dindigul
Ref.No.7289/2017/D dated: 11.09.2020.

3) Principal Chief Conservator of Forests (HoD), Chennai
Ref.No.TS4/31700/2017 dated: 19.10.2020.

I submit herewith the revised Model Estimate for raising Compensatory Afforestation plantation with 10 year maintenance work in the CA land provided by the User Agency nearby Mudimalai RF in 3360 Nos. @ 1000 seedlings per Ha as per the CAMPA guidelines. This is submitted for favour of kind information.

Encl: As stated above.

Yours faithfully,

V. S. S. S.
District Forest Officer,
Dindigul Division,
Dindigul.

2/11/2020

**FORMATION OF NEW ROAD IN PERUMALAI RF UNDER SECTION (2) OF
FOREST CONSERVATION ACT 1980
ESTIMATE FOR RAISING MISC. PLANTATION OVER AN AREA OF 3.36 HA.
ADJOINING OF MUDIMALAI RF IN ALAGAR KOVIL RANGE FOR RAISING
COMPENSATORY AFFORESTATION (No. of seedlings to be planted 3360 Nos. @
1000 seedlings per Ha.)**

Sl. No.	Quantity	Name of work	Pro-rata / ha.	Amount. (Rs.)
1)	3.36 Ha.	Cost of raising Misc. plantation	Rs.327381/ Ha.	1100000
2)	3.36 Ha.	Cost of first year maintenance	Rs.165476/ Ha.	555999
3)	3.36 Ha.	Cost of Second year maintenance	Rs.135089/ Ha.	453899
4)	3.36 Ha.	Cost of Third year maintenance	Rs.139881/ Ha.	470000
5)	3.36 Ha.	Cost of Fourth year maintenance	Rs.37917/ Ha.	127402
6)	3.36 Ha.	Cost of Fifth year maintenance	Rs.34821/ Ha.	116998
7)	3.36 Ha.	Cost of Sixth year maintenance	Rs.93155/ Ha.	313001
8)	3.36 Ha.	Cost of Seventh year maintenance	Rs.91369/ Ha.	307000
9)	3.36 Ha.	Cost of Eighth year maintenance	Rs.43750/ Ha.	147000
10)	3.36 Ha.	Cost of Ninth year maintenance	Rs.46131/ Ha.	155000
11)	3.36 Ha.	Cost of Tenth year maintenance	Rs.50595/ Ha.	169999
		Total Rs.		3916298

Rs.39,16,298/- (Rupees Thirty Nine Lakhs Sixteen Thousand Two Hundred and Ninety Eight)

Justification:

The plantation will be raised at the revenue land provided by the User Agency and the land is nearby Mudimalai RF. In this estimate the maintenance of plantation works is requested for 10 years. This estimate is prepared based on field condition.

District Forest Officer,
Dindigul Division
Dindigul.

**MODEL ESTIMATE FOR RAISING TALLER SEEDLINGS NURSERY FOR PLANTING
OVER AN AREA OF 3.36 HA. LAND TRANSFERRED BY THE COMMISSIONER, NATHAM PANCHAYAT UNION
UNDER COMPENSATORY AFFORESTATION FOR THE FORMATION OF NEW ROAD IN PERUMALAI RF
UNDER SECTION (2) OF FOREST CONSERVATION ACT 1980**

Seedlings Raised in 3.36 ha.

Casualty 10%

Total seedlings

Wage Rate Rs.

326.50

3360

336

3696

Name of species to be planted

Miscellaneous seedlings

Sl. No.	Quantity	Description of work	FSR Item No.	FSL	Rate	Per	Amount (Rs.)
1	504 M ²	Preparation of nursery site by clearing and levelling the site for forming standard bed of size 10 m X 1m	4.1	2.42	790.13	200 M ²	1991.00
2	6.72 Kgs.	Cost of seeds	L.R.		150.00	1 Kg	1008.00
3		Cost of polythene bags					
	3360 Nos.	13 X 25 X 250 G Poly bags	Tender rate 14-15		647.85	1000 Nos.	2177.00
4	3 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	126.00
5	3 Beds 15 days	Watering the germination beds twice daily with rosecan - 15 days.	4.5.1	0.82	267.73	10 beds 1 day	1205.00
6	3 Beds 15 days	Watering the germination beds once daily with rosecan - 15 days.	4.5.2	0.41	133.87	10 beds 1 day	602.00
7	3360 Nos. 3.609 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	MTP ME		750.00	1 M ³	2707.00
8	3360 Nos. 0.907 M ³	Collection and supply of farmyard manure for filling bags - 1/5th of the total volume	MTP ME		750.00	1 M ³	680.00
9	3360 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 filling 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	4.48	1462.72	1000 Nos.	4915.00
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)	3360 Nos. 15 days	Watering twice daily	4.10.4	0.23	75.10	1000 Nos.	3785.00
b)	3360 Nos. 30 days	Once daily	4.11.4	0.115	37.55	1000 Nos.	3785.00
c)	3360 Nos. 15 days	Alternate days	4.11.4	0.115	37.55	1000 Nos.	1893.00
11	3360 Nos. 1 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	0.51	166.52	1000 Nos.	560.00

Sl. No.	Quantity	Description of work	FSR Item No.	FSL	Rate	Per	Amount (Rs.)
	PART-II BIGGER SIZE BAGS 30 X 45 CM X 600 G						
12		Cost of polythene bags					
	3360 Nos.	30 X 45 X 600 G Poly bags	Tender rate 14-15		5201.70	1000 Nos.	17478.00
13	31.013 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	23260.00
14	7.7616 M ³	Cost and transport of Farmyard manure for filling bags - 1/5th of the total volume	LR		750.00	1 M ³	5821.00
15	3360 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)	4.6.7	28.57	9328.11	1000 Nos.	31342.00
16	33.6 Nos.	Labour cost for transplanting seedlings from 13 x 25 cm container bags into 30 x 45 cm containers - 10 Maz /1000				287.75 /day	9668.00
						1000 /No.	
17		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)	3696 Nos. 60 days	Watering twice daily	4.10.7	0.56	182.84	1000 Nos.	40547.00
b)	3696 Nos. 150 days	Once daily	4.11.7	0.28	91.42	1000 Nos.	50683.00

Sl. No.	Quantity	Description of work	FSR Item No.	FSL	Rate	Per	Amount (Rs.)
18	3696 Nos.	Shiting the container plance once in 21 days- first shift after 25 days from the date of transplanting 12 times.	4.15.7	2.69	878.29	1000 Nos.	16231.00
	5 times						
19	LS	Contingecies such as application of pesticides panchakavya for erection of board etc. and creating awareness				LS	536.00
		Total					221000.00

Specification:

The above estimate is prepared based on Dindigul Circle FSR escalation 10% for further each years from 2018-19 and Model Estimate communicated by the PCCF.

Vignaraj
21/11/2020
District Forest Officer,
Dindigul Division,
Dindigul.

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21/11/2020

**MODEL ESTIMATE FOR RAISING TALLER SEEDLINGS NURSERY FOR PLANTING
OVER AN AREA OF 3.36 HA. LAND TRANSFERRED BY THE COMMISSIONER, NATHAM PANCHAYAT UNION
UNDER COMPENSATORY AFFORESTATION FOR THE FORMATION OF NEW ROAD IN PERUMALAI RF
UNDER SECTION (2) OF FOREST CONSERVATION ACT 1980**

Size of Polythene bags 30 X 45 Cms - 600 Guage

Number of seedlings

3360

336

3696

Wage Rate Rs. 359.15

Sl. No.	Quantity	Description of work	FSL	FSR Item No.	Rate	Per	Amount
1	2	3	4	5	6	7	8
1	3,360 Nos.	Digging 60 CM3 pits in all types of soils for avenue - non-rainy season	9.26	5..8.1	3325.73	100 Nos.	111745.00
2	1,680 Kgs.	Cost fo transport fo poultry manure each plant 500 grams		LR	2.50		4200.00
3	3,360 Nos.	Application of poultry manure @500g per plant by mixing in the pit before planting 1 mazdoor		LR	2.00	1 Nos.	3360.00
	1,680 Kgs.						
4	3,696 Nos.	Cost of bio-fertilizer including cost of application vermicum pit biofertilizer 100 grams		MTP ME	7.70	1 Nos.	28459.00
5	3,696 Nos.	Transporting saplings (transported to the radius of 40 Km) excluding loading and unloading	As per ME		7.00	1 Nos.	25872.00
6	3,696 Nos.	Loading and unloading the container seedlings (30 x 45 cm) in private lorry upto a lead of 2 Kms. Excluding hire charges for vehicles	3.29	5.11.7	1181.60	1000 Nos.	4367.00
7		Distribution of container seedlings in the site container plants					
a)	3,696 Nos.	Upto 200 Mts.	15	5.16.2	5387.25	1000 Nos.	19911.00
8	3,360 Nos.	Planting the container seedlings by refilling the pits of size 60 cm	1.71	5.22	614.15	100 Nos.	20635.00
9	336 Nos.	Replacement of casulities by re-opening the failed pits and planting the container plants and refilling the pits (1/2 pitting rate + full planting rate)	5.23		1878.35	100 Nos.	6311.00
10	3,360 Nos.	Scrap weeding for 1 metre dia and soil working 15cms depth around each plants and remaining the grassroots away from the site or upturning the soil in plains	1.23	5.24	441.75	100 Nos.	14843.00
11	3,360 Nos.	Watering the planted seedlings Twice in a week during summer / non-rainy season from December to March @ one mazdoor for 200 plants / watering day (34 watering days.	NHAI ME	LR	359.15	200 Nos.	205146.00
	34 days					1 day	

Sl. No.	Quantity	Description of work	FSL	FSR Item No.	Rate	Per	Amount *
1	2	3	4	5	6	7	8
12	2,284,800 Ltrs.	Cost of water @ 20 liters per seedlings December to March 4 months) at the rate Twice in a week (20 x 1000 x 34)	NHAI ME		1200.00	12000 Ltrs.	228480.00
14	3,360 Nos. 175 days	Engaging protection mazdoor @ 1 mazdoor / 1000 plants from September to March @ 25/days / month october to march (3 Nos.)	FSR		359.15	1 No.	188554.00
15	1 Km.	Scrapping annually fire line to a width of 7.5 meters with fire tracing in plains for avoiding fire spread.	21.52	2.2.2	7728.91	1 No.	7729.00
16	L.S.	Providing publicity / plantation board, planting equipment plant protection and documentation etc.,		L.S			9388.00
		Total					879000.00

1) Estimate for raising nursery	Rs.	221000.00
2) Estimate for raising plantation	Rs.	879000.00
Total Cost for raising plantation in 3.36 Ha.	Rs.	1100000.00
for one Ha.	Rs.	327381

Specification:

The above estimate is prepared based on Dindigul Circle FSR escalation 10% for further each years from 2018-19 and Model Estimate communicated by the PCCF.

Vusa.c
21/11/2020
District Forest Officer,
Dindigul Division
Dindigul.

21/11/2020

**MODEL ESTIMATE FOR FIRST YEAR MAINTENANCE OF PLANTATION
OVER AN AREA OF 3.36 HA. LAND TRANSFERRED BY THE COMMISSIONER, NATHAM PANCHAYAT UNION
UNDER COMPENSATORY AFFORESTATION FOR THE FORMATION OF NEW ROAD IN PERUMALAI RF
UNDER SECTION (2) OF FOREST CONSERVATION ACT 1980**

Size of bags: 30CM X45 CM

No. of seedlings planted - 3360
No. of seedlings Survival - 3024
10% Replacement of casualties - 336
2018-19 (Jan-18 to Mar-19) Wage Rate Rs. 359.15
2019-20 (Apr-19 to Mar-20) Wage Rate Rs. 395.07

Sl. No.	Quantity	Description of work	FSR Item No.	FSL	Rate	Per	Amount (Rs.)
Raising Nursery							
PART-I SMALLER SIZE BAGS 13 X 25 CM X 250 G (3-Months)							
1	50 M ²	Preparation of nursery site by clearing and levelling the site for forming standard bed of size 10 m X 1m	4.1	2.42	869.14	200 M ²	217.00
2	1 kgs	Cost of seeds	L.R.		150.00	1 kg	150.00
3	336 Nos.	Cost of polythene bags 13 X 25 X 250 G Poly bags	Tender rate 2014-15		647.85	1000 Nos.	218.00
4	1 Nos.	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	42.00
5	1 Beds 15 days	Watering the germination beds twice daily with rosecan - 15 days.	4.5.1	0.82	294.5	10 beds 1 day	442.00
6	1 Beds 15 days	Watering the germination beds once daily with rosecan - 15 days.	4.5.2	0.41	147.25	10 beds 1 day	221.00
7	0.36 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	As per MTP ME 2013-14		750.00	1 M ³	271.00
8	0.09 M ³	Collection and supply of farmyard manure for filling bags - 1/5th of the total volume	As per MTP ME 2013-14		750.00	1 M ³	68.00
9	336 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, heapit 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	4.48	1608.99	1000 Nos.	541.00
10		Watering the container plants with rose cans watering regime as per the NHAI ME approved by PCCF No.J1/57395/2003 dated:12.12.03					
a)	336 Nos. 15 days	Watering twice daily	4.10.4	0.23	82.60	1000 Nos. 1 day	416.00
b)	336 Nos. 30 days	Once daily	4.11.4	0.115	41.30	1000 Nos. 1 day	416.00
c)	336 Nos. 8 days	Alternate days	4.11.4	0.115	41.30	1000 Nos. 1 day	111.00
11	336 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 -2 shifts.	4.15.4	0.51	183.17	1000 Nos. 1 shift	123.00
PART-II BIGGER SIZE BAGS 30 X 45 CM X 400 G (4-Months)							
12	336 Nos.	Cost of polythene bags 30 X 45 X 400 G Poly bags	Tender rate 2014-15		5201.70	1000 Nos.	1748.00
13	3.1010 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)	As per MTP ME 2013-14		750.00	1 M ³	2326.00
14	0.7760 M ³	Cost and transport of Farmyard manure for filling bags - 1/5th of the total volume	As per MTP ME 2013-14		750.00	1 M ³	582.00

Sl. No.	Quantity	Description of work	FSR Item No.	FSL	Rate	Per	Amount (Rs.)
15	336 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	28.57	11287.15	1000 Nos.	3792.00
16(i)	34 kgs	Cost of Vermicasting @100gm per seedlings	As per Research Wing rate		10.00	1 kg	340.00
16(ii)	13.440 kgs	Cost of VAM @40gm per seedlings			18.00	1 kg	242.00
16(iii)	3.360 kgs	Cost of Azospirillum @10gm per seedlings			27.00	1 kg	91.00
16(iv)	3.360 kgs	Cost of Phosphobacteria @10gm per seedlings			27.00	1 kg	91.00
17	336 Nos. 3 Maz	Labour cost for transplanting seedlings from 13X25cm containers bags in to 30X45 containers - 10 Maz. /1000 Nos	As per MTP ME 2013-14		395.07	10 Maz 1000 Nos.	1185.00
18	336 Nos.	Cost of vertical stick of size 2.5 Mt.	As per MTP ME 2013-14		6.00	1 each	2016.00
19	168 Nos.	Cost of Horizontal stick			1.00	1 each	168.00
20	336 Nos.	Tying plants to the vertical stick once in a month 2 times			0.20	1 each	134.00
21		Watering the container plants with rose cans watering regime as per the NHAI ME approved by PCCF's ref.No.J1/57395/2003 dated:12.12.2003					
a)	336 Nos. 60 days	Watering twice daily	4.10.7	0.56	221.24	1000 Nos. 1 day	4460.00
b)	336 Nos. 60 days	Once daily	4.11.7	0.28	110.62	1000 Nos. 1 day	2230.00
22	336 Nos. 2 times	Shiting the container plance once in 21 days- first shift after 45 days from the date of transplanting 2 times.	4.15.7	2.69	1062.74	1000 Nos. 1 shift	714.00
2	336 Nos. 90 days	Engaging Nursery protection mazdoor 1 No / 20000 Nos of 30x45cm bags - 210 days (Jan to Mar)	As per MTP ME 2013-14	0.0168		359.15 /day 20000 /No.	543.00
24	336 Nos. 120 days	Engaging Nursery protection mazdoor 1 No / 20000 Nos of 30x45cm bags - 210 days (Apr to Jul)		0.0168		395.07 /day 20000 /No.	796.00
Nursery Maintenance							
25	336 Nos 150 days	Watering the container seedlings with rosecane watering regime as per the NHAI ME approved in PCCF's Ref.No.J1/57395/2003 Dt.12.12.2003) - Once daily - 150 days (Aug to Dec)	4.11.7	0.28	110.6196	1000 Nos 1 day	5575
26	336 Nos 6 Shifts	Shifting the container plants once in 21 days. First shift after 45 days from the date of transplanting - 6times	4.15.7	2.69	1062.74	1000 Nos 1 shift	2142
27	336 Nos 150 days	Nursery protection mazdoors 1No/20000Nos of 30x45bags (Aug to Dec)	Wage rate		395.07	20000 No 1 Maz	996
Planting							
28	168 Kgs	Cost and Transport of poultry manure each plants 500gm	LQ		1500.00	1000 Kgs.	252.00
29	336 Nos	Application of poultry manure @500 gm per plant by mixing in the pit before planting-1 mazdoor for 200nos	As per MTP ME 2013-14		395.07	200 Nos	664.00
30	336 Nos	Cost of Bio fertilizer including cost of application- vemicompot-1 Kg.,Bio fertilizers-100 gm.,VAM-100gm.	NHAI ME		7.70	1 Nos	2587.00

Sl. No.	Quantity	Description of work	FSR Item No.	FSL	Rate	Per	Amount (Rs.)
31	336 nos	Transporting saplings(transported to the radius of 40kms)excluding loading and unloading	NHAI ME		7.00	1 nos	2352.00
32	336 Nos	Loading and unloading the polythene container seedlings in private / department vehicles (excluding hire charges)	5.11.7	3.29	1299.78	1000 No	437.00
33	336 Nos	Distribution of saplings from where seedlings are stocked to the planting spot upto 100mts	5.15.1	10	3950.70	1000 No	1327.00
34	336 Nos	Replacement of casualties by re-opening the failed pits and planting the container plants and refilling the pits(1/2 pitting rate+full planting rate)	5.23	5.57	2200.54	100 Nos	7394.00
35	3360 Nos	Scrap 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	485.94	100 Nos	16327.00
36	4.00 Maz 309 days	Engaging Protection mazdoor @ 1 mazdoor/1000 plants from April 2016 to March 2017 @25/days/month	As per MTP ME 2013-14		395.07	1 Maz 1 day	488307.00
37	LS	Contignecies for applications of pesticides, panchagavya etc., and unforeseen items if any (2%) of the estimate amount				LS	2946
Total							556000.00

1) Estimate for first year maintenance of plantation in 3.36 Ha.

Rs. **556000.00**

2) Estimate for first year maintenance of plantation in 1 Ha.

Rs. **165476.00**

Specification :

The above estimate is prepared based on Dindigul Circle FSR escalation 10% for further each years from 2018-19 and Model Estimate communicated by the PCCF.

Vega
District Forest Officer,
Dindigul Division,
Dindigul.

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21/1/2020

**MODEL ESTIMATE FOR SECOND YEAR MAINTENANCE OF PLANTATION
OVER AN AREA OF 3.36 HA. LAND TRANSFERRED BY THE COMMISSIONER, NATHAM PANCHAYAT UNION
UNDER COMPENSATORY AFFORESTATION FOR THE FORMATION OF NEW ROAD IN PERUMALAI RF
UNDER SECTION (2) OF FOREST CONSERVATION ACT 1980**

Wage Rate Rs. 434.58

Sl. No.	Quantity	Description of work	FSL	FSR Item No.	Rate	Per	Amount
1	2	3	4	4	5	6	7
1	1,680 Nos.	Scrap weeding for 1 metre dia and soil working 15cms depth around each plants and remaining the grassroots away from the site or upturning the soil in plains	1.23	5.24	534.53	100 Nos.	8980.00
2	336 Nos.	Watering the planted seedlings 6 days during summer / non-rainy season from April to March @ one mazdoor for 200 plants / watering day (6 Months x 6 days = 36 days) (6 months x 2 days (rainy season)= 12 days) totally=48 days)	NHAI ME	LR	434.58	200 Nos.	35045.00
	48 days					1 day	
3	3,225,600 Ltrs.	Cost of water @ 20 liters per seedlings (April -16 to March 2017) @ the rate (6 Months x 6 days = 36 days) (6 months x 2 days (rainy season)= 12 days) totally=48 days x500x 20)	NHAI ME		1200.00	12000 Ltrs.	322560.00
4	200 days	Engaging protection mazdoor @ 25 days / month for the planting site (from April to March)	FSR		434.58	1 No.	86916.00
5	L.S.	Providing publicity / plantation board, planting equipment plant protection and documentation etc.,		L.S			399.00
		Total					453900.000

1) Estimate for second year maintenance of plantation in 3.36 Ha.

Rs. 453900.00

2) Estimate for second year maintenance of plantation in 1 Ha.

Rs. 135089.00

Specification:

The above estimate is prepared based on Dindigul Circle FSR escalation 10% for further each years from 2018-19 and Model Estimate communicated by the PCCF.

District Forest Officer,
Dindigul Division,
Dindigul.

**MODEL ESTIMATE FOR THIRD YEAR MAINTENANCE OF PLANTATION
OVER AN AREA OF 3.36 HA. LAND TRANSFERRED BY THE COMMISSIONER, NATHAM PANCHAYAT UNION
UNDER COMPENSATORY AFFORESTATION FOR THE FORMATION OF NEW ROAD IN PERUMALAI RF
UNDER SECTION (2) OF FOREST CONSERVATION ACT 1980**

Number of seedlings

3360

3360

Wage Rate Rs. 478.04

Sl. No.	Quantity	Description of work	FSL	FSR Item No.	Rate	Per	Amount
1	2	3	4	4	5	6	7
1	1,680 Nos.	Scrap weeding for 1 metre dia and soil working 15cms depth around each plants and remaining the grassroots away from the site or upturning the soil in plains	1.23	5.24	587.99	100 Nos.	9878.00
2	336 Nos.	Watering the planted seedlings 6 days during summer / non-rainy season from April to March @ one mazdoor for 200 plants / watering day (6 Months x 6 days = 36 days) (6 months x 2 days (rainy season)= 12 days) totally=48 days)	NHAI ME	LR	478.04	200 Nos.	38549.00
	48 days					1 day	
3	3,225,600 Ltrs.	Cost of water @ 20 liters per seedlings (April to March) @ the rate (6 Months x 6 days = 36 days) (6 months x 2 days (rainy season)= 12 days) totally=48 days x500x 20)	NHAI ME		1200.00	12000 Ltrs.	322560.00
4	200 days	Engaging protection mazdoor @ 25 days / month for the planting site (from April to March)	FSR		478.04	1 No.	95608.00
5	L.S.	Providing publicity / plantation board, planting equipment plant protection and documentation etc.,		L.S			3405.00
		Total					470000.000

1) Estimate for Third year maintenance of plantation in 3.36 Ha.

Rs. 470000.00

2) Estimate for Third year maintenance of plantation in 1 Ha.

Rs. 139881.00

Specification:

The above estimate is prepared based on Dindigul Circle FSR escalation 10% for further each years from 2018-19 and Model Estimate communicated by the PCCF.

Vivek
21/1/2020
District Forest Officer,
Dindigul Division,
Dindigul.

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21/1/2020

**MODEL ESTIMATE FOR FOURTH YEAR MAINTENANCE OF PLANTATION
OVER AN AREA OF 3.36 HA. LAND TRANSFERRED BY THE COMMISSIONER, NATHAM PANCHAYAT UNION
UNDER COMPENSATORY AFFORESTATION FOR THE FORMATION OF NEW ROAD IN PERUMALAI RF
UNDER SECTION (2) OF FOREST CONSERVATION ACT 1980**

Size of Polythene bags 30 X 45 Cms - 600 Guage

Number of seedlings

3360

3360

Wage Rate Rs. 525.84

Sl. No.	Quantity	Description of work	FSL	FSR Item No.	Rate	Per	Amount
1	2	3	4	4	5	6	7
1	3,360 Nos.	Scrap weeding for 1 metre dia and soil working 15cms depth around each plants and remaining the grassroots away from the site or upturning the soil in plains	1.23	5.24	646.78	100 Nos.	21732.00
2	200 days	Engaging protection mazdoor @ 25 days / month for the planting site (from April to March)	FSR		525.84	1 No.	105168.00
3	L.S.	Unforeseen expenditure		L.S			500.00
		Total					127400.000

1) Estimate for Fourth year maintenance of plantation in 3.36 Ha.

Rs. 127400.00

2) Estimate for Fourth year maintenance of plantation in 1 Ha.

Rs. 37917.00

Specification:

The above estimate is prepared based on Dindigul Circle FSR escalation 10% for further each years from 2018-19 and Model Estimate communicated by the PCCF.

District Forest Officer,
Dindigul Division,
Dindigul.

**MODEL ESTIMATE FOR FIFTH YEAR MAINTENANCE OF PLANTATION
OVER AN AREA OF 3.36 HA. LAND TRANSFERRED BY THE COMMISSIONER, NATHAM PANCHAYAT UNION
UNDER COMPENSATORY AFFORESTATION FOR THE FORMATION OF NEW ROAD IN PERUMALAI RF
UNDER SECTION (2) OF FOREST CONSERVATION ACT 1980**

Number of seedlings

3360

3360

Wage Rate Rs. 525.84

Sl. No.	Quantity	Description of work	FSL	FSR Item No.	Rate	Per	Amount
1	2	3	4	4	5	6	7
1	1,680 Nos.	Scrap weeding for 1 metre dia and soil working 15cms depth around each plants and remaining the grassroots away from the site or upturning the soil in plains	1.23	5.24	646.78	100 Nos.	10866.00
2	200 days	Engaging protection mazdoor @ 25 days / month for the planting site (from April to March)	FSR		525.84	1 No.	105168.00
3	L.S.	Unforeseen expenditure		L.S.			966.00
		Total					117000.000

1) Estimate for Fifth year maintenance of plantation in 3.36 Ha.

Rs. 117000.00

2) Estimate for Fifth year maintenance of plantation in 1 Ha.

Rs. 34821.00

Specification:

The above estimate is prepared based on Dindigul Circle FSR escalation 10% for further each years from 2018-19 and Model Estimate communicated by the PCCF.

District Forest Officer,
Dindigul Division,
Dindigul.

**MODEL ESTIMATE FOR SIXTH YEAR MAINTENANCE OF PLANTATION
OVER AN AREA OF 3.36 HA. LAND TRANSFERRED BY THE COMMISSIONER, NATHAM PANCHAYAT UNION
UNDER COMPENSATORY AFFORESTATION FOR THE FORMATION OF NEW ROAD IN PERUMALAI RF
UNDER SECTION (2) OF FOREST CONSERVATION ACT 1980**

Number of seedlings

3360

3360

Wage Rate Rs. 578.42

Sl. No.	Quantity	Description of work	FSL	FSR Item No.	Rate	Per	Amount
1	2	3	4	4	5	6	7
1	3 Ha. 1 Time	Ploughing the area with disc plough		TAF CORN	3500.00	1 Ha. 1 Time	10500.00
2	1,680 Nos.	Digging catch water pits (90 x 45 x 30)	CSR		45.00	1 No.	75600.00
3	1,680 Kg.	Cost of Mixture nutrient @ 500 gms. per plant	LR		60.00	1 Kg.	100800.00
4	17 Nos.	Application of fertilizer in the pits @ 200 Nos. per MD	FSR		578.42	1 No.	9833.00
5	200 days	Engaging protection mazdoor @ 25 days / month for the planting site (from April to March)	FSR		578.42	1 No.	115684.00
6	LS	Contingencies unforeseen item of expenditure			LS		583.00
		Total					313000.000

1) Estimate for Sixth year maintenance of plantation in 3.36 Ha.

Rs. 313000.00

2) Estimate for Sixth year maintenance of plantation in 1 Ha.

Rs. 93155.00

Specification:

The above estimate is prepared based on Dindigul Circle FSR escalation 10% for further each years from 2018-19 and Model Estimate communicated by the PCCF and approved ME of NTFP Maintenance of older plantation.

Vuga
District Forest Officer,
Dindigul Division,
Dindigul.

21/11/2023

**MODEL ESTIMATE FOR SEVENTH YEAR MAINTENANCE OF PLANTATION
OVER AN AREA OF 3.36 HA. LAND TRANSFERRED BY THE COMMISSIONER, NATHAM PANCHAYAT UNION
UNDER COMPENSATORY AFFORESTATION FOR THE FORMATION OF NEW ROAD IN PERUMALAI RF
UNDER SECTION (2) OF FOREST CONSERVATION ACT 1980**

Number of seedlings

3360

3360

Wage Rate Rs. 636.26

Sl. No.	Quantity	Description of work	FSL	FSR Item No.	Rate	Per	Amount
1	2	3	4	4	5	6	7
1	1,680 days	Digging catch water pits (90 x 45 x 30)	CSR		45.00	1 No.	75600.00
2	1,680 Kg.	Cost of Vermi casting @ 500 gms. per plan	PCCF		10.00	1 Kg.	16800.00
3	1,680 Kg.	Cost of VAM @ 500 gms per plant	PCCF		18.00	1 Kg.	30240.00
4	840 Kg.	Cost of Phospobacteria @ 250 gms per plant	PCCF		27.00	1 Kg.	22680.00
5	840 Kg.	Cost of Azospirillum @ 250 gms per plant	PCCF		27.00	1 Kg.	22680.00
6	17 MD	Application of fertilizer in the pits @ 200 Nos. per MD	FSR		636.26	1 No.	10816.00
7	200 days	Engaging protection mazdoor @ 25 days / month for the planting site (from April to March)	FSR		636.26	1 No.	127252.00
8	LS	Contingencies unforeseen item of expenditure			LS		932.00
		Total					307000.000

1) Estimate for Seventh year maintenance of plantation in 3.36 Ha.

Rs. 307000.00

2) Estimate for Seventh year maintenance of plantation in 1 Ha.

Rs. 91369.00

Specification:

The above estimate is prepared based on Dindigul Circle FSR escalation 10% for further each years from 2018-19 and Model Estimate communicated by the PCCF and approved ME of NTFP Maintenance of older plantation.

Vignaraj
District Forest Officer,
Dindigul Division,
Dindigul.

21/11/2020

**MODEL ESTIMATE FOR EIGHTH YEAR MAINTENANCE OF PLANTATION
OVER AN AREA OF 3.36 HA. LAND TRANSFERRED BY THE COMMISSIONER, NATHAM PANCHAYAT UNION
UNDER COMPENSATORY AFFORESTATION FOR THE FORMATION OF NEW ROAD IN PERUMALAI RF
UNDER SECTION (2) OF FOREST CONSERVATION ACT 1980**

Number of seedlings 3360

3360

Wage Rate Rs. 699.89

Sl. No.	Quantity	Description of work	FSL	FSR Item No.	Rate	Per	Amount
1	2	3	4	4	5	6	7
1	3,360 Nos.	Pruning side branches twice in a year		NHAI ME	1.00	1 No.	6720.00
2	200 days	Engaging protection mazdoor @ 25 days / month for the planting site (from April to March)	FSR		699.89	1 No.	139978.00
3	LS	Contingencies unforeseen item of expenditure			LS		302.00
		Total					147000.000

- 1) Estimate for Eighth year maintenance of plantation in 3.36 Ha. Rs. 147000.00
2) Estimate for Eighth year maintenance of plantation in 1 Ha. Rs. 43750.00

Specification:

The above estimate is prepared based on Dindigul Circle FSR escalation 10% for further each years from 2018-19 and Model Estimate communicated by the PCCF and approved ME of NTFP Maintenance of older plantation.

V. S. S. S. S.
District Forest Officer,
Dindigul Division,
Dindigul.

2/11/2020

**MODEL ESTIMATE FOR NINETH YEAR MAINTENANCE OF PLANTATION
OVER AN AREA OF 3.36 HA. LAND TRANSFERRED BY THE COMMISSIONER, NATHAM PANCHAYAT UNION
UNDER COMPENSATORY AFFORESTATION FOR THE FORMATION OF NEW ROAD IN PERUMALAI RF
UNDER SECTION (2) OF FOREST CONSERVATION ACT 1980**

Number of seedlings 3360

3360

Wage Rate Rs. 769.88

Sl. No.	Quantity	Description of work	FSL	FSR Item No.	Rate	Per	Amount
1	2	3	4	4	5	6	7
	200 days	Engaging protection mazdoor @ 25 days / month for the planting site (from April to March)	FSR		769.88	1 No.	153976.00
	LS	Contingencies unforeseen item of expenditure			LS		1024.00
		Total					155000.000

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|--|-----|-----------|
| 1) Estimate for Ninth year maintenance of plantation in 3.36 Ha. | Rs. | 155000.00 |
| 2) Estimate for Ninth year maintenance of plantation in 1 Ha. | Rs. | 46131.00 |

Specification:

The above estimate is prepared based on Dindigul Circle FSR escalation 10% for further each years from 2018-19 and Model Estimate communicated by the PCCF and approved ME of NTFP Maintenance of older plantation.

Vugac
21/1/2020
District Forest Officer,
Dindigul Division,
Dindigul.

21/1/2020

**MODEL ESTIMATE FOR TENTH YEAR MAINTENANCE OF PLANTATION
OVER AN AREA OF 3.36 HA. LAND TRANSFERRED BY THE COMMISSIONER, NATHAM PANCHAYAT UNION
UNDER COMPENSATORY AFFORESTATION FOR THE FORMATION OF NEW ROAD IN PERUMALAI RF
UNDER SECTION (2) OF FOREST CONSERVATION ACT 1980**

Number of seedlings

3360

3360

Wage Rate Rs. 846.87

Sl. No.	Quantity	Description of work	FSL	FSR Item No.	Rate	Per	Amount
1	2	3	4	4	5	6	7
1	200 days	Engaging protection mazdoor @ 25 days / month for the planting site (from April to March)	FSR		846.87	1 No.	169374.00
2	LS	Contingencies unforeseen item of expenditure			LS		626.00
		Total					170000.000

1) Estimate for Tenth year maintenance of plantation in 3.36 Ha.

Rs. 170000.00

2) Estimate for Tenth year maintenance of plantation in 1 Ha.

Rs. 50595.00

Specification:

The above estimate is prepared based on Dindigul Circle FSR escalation 10% for further each years from 2018-19 and Model Estimate communicated by the PCCF and approved ME of NTFP Maintenance of older plantation.

District Forest Officer,
Dindigul Division,
Dindigul.

21/11/2020