

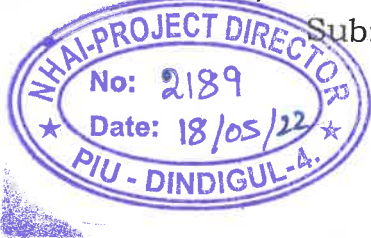
TAMILNADU FOREST DEPARTMENT

From
Thiru.S.Prabhu,IFS,
District Forest Officer,
Dindigul Forest Division,
Dindigul-624 004.

To
The Project Director,
National Highways Authority of India,
PIU, Dindigul.

C.No. 6434/2019/D1dated: 17 .05.2022

Sir,



Sub: Forest - Forest (Conservation) Act, 1980 - Dindigul Circle - Proposal for diversion of 3.708 Ha. in Chinnayampattikaradu RF of Natham - Thuvarankurichi (NH-785 extension) traverse through Natham tehsil of Dindigul District and Marungapuri Tehsil of Trichy District - Online proposal submitted by the User Agency i.e, National Highways Authority of India, Dindigul - Revised Demand Notice - Regarding.

NHAI-PIU-DGL	
PD	<input checked="" type="checkbox"/>
M(T)	<input type="checkbox"/>
LO	<input type="checkbox"/>
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S1	S2
S3	S4

- Ref: 1) Government of India, MoEF&CC, Chennai-06, F.No.4-TNB071/2021- CHN/440, dt: 20.04.2022.
2) The Principal Chief Conservator of Forests (HoD), Chennai C.No.TS4/52452/2018 dated:21.04.2022.
3) District Forest Officer, Dindigul C.No.6434/2019/D1 dated:29.04.2022.
4) District Forest Officer, Dindigul C.No.6434/2019/D1 dated:11.05.2022.

In continuation of reference 4th cited above, I wish to inform that the Government of India Ministry of environment, Forests and Climate Change, Chennai has accorded Principal approval (Stage-1) for diversion of 3.708 Ha. in Chinnayampattikaradu RF of Natham - Thuvarankurichi (NH-785 extension) traverse through Natham Taluk of Dindigul District in favour of National Highways Authority of India, Dindigul, for a period of 20 years.

In this regard, Compensatory Afforestation estimate was prepared and arrived estimated cost is Rs.96,93,000/- (Rupees ninety six lakh and ninety three thousand only) and already uploaded in the web portal. The above amount should be credited by the User Agency and this work will be carried out by Forest Department.

The revised Net present Value has been calculated and arrived an amount of Rs.31,94,035/- (Rupees thirty one lakh ninety four thousand and thirty five only) is fixed by the forest department for 3.708 Ha. of Chinnayampatti Reserved Forests land to be diverted for formation road.

The above Compensatory afforestation estimated cost Rs.Rs.96,93,000/- and Net Present Value of Rs.31,94,035/- i.e total an amount of Rs. 1,28,87,035/- (Rupees One crore twenty eight lakh eighty seven thousand and thirty five only) shall be credited by the User Agency.

Hence, the User Agency is requested to generate challan from the PARIVESH web portal to deposit the above amount towards compensatory levies at the earliest.

Sd/-S.Prabhu,
District Forest Officer,
Dindigul Division, Dindigul.

//True copy / By order//


For Draughting Officer

TAMIL NADU FOREST DEPARTMENT

From
Thiru.S.Prabhu,IFS.,
District Forest Officer,
Dindigul Division,
Dindigul-4.

To
The Principal Chief Conservator of Forests,
(Head of Department),
Chennai-15

C.No. 6434/2019/D1 dated: 17 .05.2022

Sir,

Sub: Forest - Forest (Conservation) Act, 1980 - Dindigul Circle - Proposal for diversion of 3.708 Ha. in Chinnayampattikaradu RF of Natham - Thuvankurichi (NH-785 extension) traverse through Natham tehsil of Dindigul District and Marungapuri Tehsil of Trichy District - Online proposal submitted by the User Agency i.e, National Highways Authority of India, Dindigul - Revised NPV details submission of - Regarding.



NHAI-PIU-DGL	
PD	<input checked="" type="checkbox"/>
M(T)	<input type="checkbox"/>
LO	<input type="checkbox"/>
ACC	<input type="checkbox"/>
S1	<input type="checkbox"/>
S3	<input type="checkbox"/>

- Ref: 1) Government of India, MoEF&CC, Chennai-06,
F.No.4-TNB071/2021- CHN/440, dt: 20.04.2022.
2) The Principal Chief Conservator of Forests (HoD), Chennai
C.No.TS4/52452/2018 dated:21.04.2022.
3) District Forest Officer, Dindigul C.No.6434/2019/D1
dated:29.04.2022.
4) District Forest Officer, Dindigul C.No.6434/2019/D1
dated:02.05.2022.

In Continuation of 4th reference cited above, I submit that the revised Net Present Value calculation details for diversion of 3.708 Ha. in Chinnayampattikaradu RF of Natham - Thuvankurichi (NH-785 extension) traverse through Natham tehsil of Dindigul District is furnished as follows:-

As per Government of India letter in the reference 1st cited cost of NPV has calculated as follows:-

Diverted Forest land	-	3.708 Ha.
Type of Forest	-	Dense Forest class IV.
NPV Rate of Forest type	-	Rs.8,61,390/Ha.
Cost of diverted forest land	-	3.708 Ha. x 8,61,390/-
	=	Rs. 31,94,035/-

Hence, NPV of 3.708 Ha. of forest land Rs. 31,94,035/-

This is for favour of kind information.

Yours faithfully,
Sd/-S.Prabhu,
District Forest Officer,
Dindigul Division, Dindigul.

Copy submitted to Chief Conservator of Forests, Dindigul Circle, Dindigul.
Copy to Project Director, NHAI, PIU, Dindigul.

/ True Copy /By Order/


For Draughting officer

FORMATION OF NEW ROAD IN CHINNAIYAMPATTI RF UNDER SECTION
(2) OF FOREST CONSERVATION ACT 1980

**ESTIMATE FOR RAISING MISC. PLANTATION OVER AN AREA OF 8.00 HA.
IN DEGRADED FOREST SELECTED IN CHINNAIYAMPATTI RF IN NATHAM
RANGE FOR COMPENSATORY AFFORESTATION (No. of seedlings to be
Planted 8000 Nos. @ 1000 seedlings / Ha.)**

Sl. No.	Quantity	Name of work	Pro-rata / ha.	Amount (in Rs.)
1)	8.00 Ha.	Cost of raising Misc. plantation	Rs.311000/ Ha.	2488000
2)	8.00 Ha.	Cost of first year maintenance	Rs.257250/ Ha.	2058000
3)	8.00 Ha.	Cost of Second year maintenance	Rs.250000/ Ha.	2000000
4)	8.00 Ha.	Cost of Third year maintenance	Rs.265375/ Ha.	2123000
5)	8.00 Ha.	Cost of Fourth year maintenance	Rs.15500/ Ha.	124000
6)	8.00 Ha.	Cost of Fifth year maintenance	Rs.17125/ Ha.	137000
7)	8.00 Ha.	Cost of Sixth year maintenance	Rs.18750/ Ha.	150000
8)	8.00 Ha.	Cost of Seventh year maintenance	Rs.20625/ Ha.	165000
9)	8.00 Ha.	Cost of Eighth year maintenance	Rs.18312.5/ Ha.	146500
10)	8.00 Ha.	Cost of Ninth year maintenance	Rs.17937.5/ Ha.	143500
11)	8.00 Ha.	Cost of Tenth year maintenance	Rs.19750/ Ha.	158000
		Total Rs.		9693000

Rs.9693000/-

(Rupees Ninety Six Lakhs Ninety Three Thousand only)

Justification

The Plantation will be raised in the Degraded Forest area in the Chinnaiyampatti RF of Natham Range. The maintenance of plantation is requested in this estimate for period of 10 years. This estimate is prepared based on field condition.

DISTRICT FOREST OFFICER
DINDIGUL DIVISION
DINDIGUL

19/11/2020

**MODEL ESTIMATE FOR RAISING TALLER SEEDLINGS NURSERY FOR PLANTING
OVER AN AREA OF 8.00 HA. OF DEGRADED AREA CHINNAIYAMPATTI RF
UNDER COMPENSATORY AFFORESTATION FOR THE FORMATION OF NEW ROAD
UNDER SECTION (2) OF FOREST CONSERVATION ACT 1980**

Seedlings Raised in 8.00 ha.

8000

Casualty 10%

800

Total seedlings

8800

Wage Rate (2020-21) Rs.

441.65

Name of species to be planted

Miscellaneous seedlings

Sl. No.	Quantity	Description of work	FSR Item No.	FSL	Rate	Per	Amount (Rs.)
1	1200 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	1068.79	200 M ²	6413.00
2	16 Kgs.	Cost of seeds	L.R.		150.00	1 Kg	2400.00
3		Cost of polythene bags					
	8000 Nos.	13 X 25 X 250 G Poly bags	Tender rate 14-15		647.85	1000 Nos.	5183.00
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	362.15	10 beds 1 day	1630.00
6	3 Beds 15 days	Watering the germination beds once daily with rosecan - 15 days.	4.5.2	0.41	181.08	10 beds 1 day	815.00
7	8000 Nos. 8.592 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	6444.00
8	8000 Nos. 2.16 M ³	Collection and supply of farmyard manure for filling bags - 1/5th of the total volume	MTP ME		750.00	1 M ³	1620.00
9	8000 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)	4.6.4	4.48	1978.59	1000 Nos.	15829.00
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)	8000 Nos. 15 days	Watering twice daily	4.10.4	0.23	101.58	1000 Nos.	12190.00
b)	8000 Nos. 30 days	Once daily	4.11.4	0.115	50.79	1000 Nos.	12190.00
c)	8000 Nos. 15 days	Alternate days	4.11.4	0.115	50.79	1000 Nos.	6095.00
11	8000 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	225.24	1000 Nos.	1802.00

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					
	8000 Nos.	30 X 45 X 600 G Poly bags	Tender rate 14-15		5201.70	1000 Nos.	41614.00
13	73.84 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	55380.00
14	18.48 M ³	Cost and transport of Farmyard manure for filling bags - 1/5th of the total volume	LR		750.00	1 M ³	13860.00
15	8000 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	12617.94	1000 Nos.	100944.00
16	80 Nos.	Labour cost for transplanting seedlings from 13 x 25 cm container bags into 30 x 45 cm containers - 10 Maz /1000				441.65 /day 1000 /No.	35332.00
21		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)	8800 Nos. 60 days	Watering twice daily	4.10.7	0.56	247.32	1000 day	130585.00
b)	8800 Nos. 150 days	Once daily	4.11.7	0.28	123.66	1000 day	163231.00
22	8800 Nos. 4 Shifts	Shifting the container plance once in 21 days- first shift after 25 days from the date of transplanting 12 times.	4.15.7	2.69	1188.04	1000 Nos.	41819.00
23	LS	Contingecies such as application of pesticides panchakavya for erection of board etc. and creating awareness				LS	498.00
		Total					656000.00

Specification:

The above estimate is prepared based on Model Estimate of Principal Chief Conservator of Forests and Dindigul Circle FSR escalation 10% for further each years from 2020-21.

V. S. S. S.
19/11/2022
District Forest Officer,
Dindigul Division,
Dindigul.

GS
19/11/2022

**MODEL ESTIMATE FOR RAISING TALLER SEEDLINGS PLANTATION
OVER AN AREA OF 8.00 HA. OF DEGRADED AREA CHINNAIYAMPATTI RF
UNDER COMPENSATORY AFFORESTATION FOR THE FORMATION OF NEW ROAD
UNDER SECTION (2) OF FOREST CONSERVATION ACT 1980**

Size of Polythene bags 30 X 45 Cms - 600 Guage

Number of seedlings planted
10% casualty seedlings

8000

800

8800

Wage Rate for 2021-22 Rs. 485.82

Sl. No.	Quantity	Description of work	FSL	FSR Item No.	Rate	Per	Amount
1	2	3	4	5	6	7	8
1	8,000 Nos.	Digging 60 CM3 pits in all types of soils for avenue - non-rainy season	9.26	5..8.1	4498.69	100 Nos.	359895.00
2	4,000 Kgs.	Cost fo transport fo poultry manure each plant 500 grams		LR	2.50		10000.00
3	8,000 Nos.	Application of poultry manure @500g per plant by mixing in the pit before planting 1 mazdoor		LR	2.00	1 Nos.	8000.00
	4,000 Kgs.						
4	8,800 Nos.	Cost of bio-fertilizer including cost of application vermicum pit biofertilizer 100 grams		MTP ME	7.70	1 Nos.	67760.00
5	8,800 Nos.	Transporting saplings (transported to the radius of 40 Km) excluding loading and unloading	As per ME		7.00	1 Nos.	61600.00
6	8,800 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	1598.35	1000 Nos.	14065.00
7		Distribution of container seedlings in the site container plants					
a)	8,800 Nos.	Upto 200 Mts.	15	5.16.2	7287.30	1000 Nos.	64128.00
8	8,000 Nos.	Planting the container seedlings by refilling the pits of size 60 cm	1.71	5.22	830.75	100 Nos.	66480.00
9	800 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		2540.84	100 Nos.	20327.00
10	8,000 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	597.56	100 Nos.	47805.00
11	8,000 Nos. 30 days	Watering the planted seedlings Twice in a week during summer / non-rainy season from December to March @ one mazdoor for 200 plants / watering day (30 watering days).	NHAI ME	LR	485.82	200 NOS. 1 day	582984.00

**MODEL ESTIMATE FOR FIRST YEAR MAINTENANCE OF PLANTATION
OVER AN AREA OF 8.00 HA. OF DEGRADED AREA CHINNAIYAMPATTI RI
UNDER COMPENSATORY AFFORESTATION FOR THE FORMATION OF NEW ROAD
UNDER SECTION (2) OF FOREST CONSERVATION ACT 1980**

Size of bags: 30CM X45 CM

No. of seedlings planted	-	800
No. of seedlings Survival	-	720
10% Replacement of casualties	-	80
2021-22 Wage Rate Rs.		485.8
2022-23 Wage Rate Rs.		534.4

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	120 M ²	Preparation of nursery site by clearing and levelling the site for forming standard bed of size 10 m X 1 m	4.1	2.42	1175.68	200 M ²	705.00
2	2 kgs	Cost of seeds	L.R.		150.00	1 kg	300.00
3	800 Nos.	Cost of polythene bags 13 X 25 X 250 G Poly bags	Tender rate 2014-15		647.85	1000 Nos.	518.00
4	2 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	84.00
5	2 Beds 15 days	Watering the germination beds twice daily with rosecan - 15 days.	4.5.1	0.82	398.37	10 beds 1 day	1195.00
6	2 Beds 15 days	Watering the germination beds once daily with rosecan - 15 days.	4.5.2	0.41	199.19	10 beds 1 day	598.00
7	0.86 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	644.00
8	0.22 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	162.00
9	800 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, heapin 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	2176.47	1000 Nos.	1741.00
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)	800 Nos. 15 days	Watering twice daily	4.10.4	0.23	111.74	1000 Nos. 1 day	1341.00
b)	800 Nos. 30 days	Once daily	4.11.4	0.115	55.87	1000 Nos. 1 day	1341.00
c)	800 Nos. 8 days	Alternate days	4.11.4	0.115	55.87	1000 Nos. 1 day	358.00
11	800 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	247.77	1000 Nos. 1 shift	396.00
PART-II BIGGER SIZE BAGS 30 X 45 CM X 400 G (4-Months)							
12	800 Nos.	Cost of polythene bags 30 X 45 X 400 G Poly bags	Tender rate 2014-15		5201.70	1000 Nos.	4161.00
13	7.3840 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	5538.00
14	1.8480 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	1386.00

Sl. No.	Quantity	Description of work	FSR Item No.	FSL	Rate	Per	Amount (Rs.)
15	800 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	15267.81	1000 Nos.	12214.00
16(i)	80 kgs	Cost of Vermicasting @100gm per seedlings	As per Research Wing rate		10.00	1 kg	800.00
16(ii)	32.000 kgs	Cost of VAM @40gm per seedlings			18.00	1 kg	576.00
16(iii)	8.000 kgs	Cost of Azospirillum @10gm per seedlings			27.00	1 kg	216.00
16(iv)	8.000 kgs	Cost of Phosphobacteria @10gm per seedlings			27.00	1 kg	216.00
17	800 Nos. 8 Maz	Labour cost for transplanting seedlings from 13X25cm containers bags in to 30X45 containers - 10 Maz. /1000 Nos	As per MTP ME 2013-14		534.40	10 Maz 1000 Nos.	4275.00
18	800 Nos.	Cost of vertical stick of size 2.5 Mt.	As per MTP ME 2013-14		6.00	1 each	4800.00
19	400 Nos.	Cost of Horizontal stick			1.00	1 each	400.00
20	800 Nos.	Tying plants to the vertical stick once in a month 2 times			0.20	1 each	320.00
21		Watering the container plants with rose cans watering regime as per the NHA1 ME approved by PCCF's ref.No.J1/57395/2003 dated:12.12.2003					
a)	800 Nos. 60 days	Watering twice daily	4.10.7	0.56	299.26	1000 Nos. 1 day	14364.00
b)	800 Nos. 60 days	Once daily	4.11.7	0.28	149.63	1000 Nos. 1 day	7182.00
22	800 Nos. 2 times	Shifting the container plance once in 21 days- first shift after 45 days from the date of transplanting 2 times.	4.15.7	2.69	1437.54	1000 Nos. 1 shift	2300.00
2	800 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	0.04		485.82 /day 20000 /No.	1749.00
24	800 Nos. 120 days	Engaging Nursery protection mazdoor 1 No / 20000 Nos of 30x45cm bags - 210 days (Apr to Jul)		0.04		534.40 /day 20000 /No.	2565.00
Nursery Maintenance							
25	800 Nos 150 days	Watering the container seedlings with rosecane watering regime as per the NHA1 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	149.632	1000 Nos 1 day	17956
26	800 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	1437.54	1000 Nos 1 shift	6900
27	800 Nos 150 days	Nursery protection mazdoors 1No/20000Nos of 30x45bags (Aug to Dec)	Wage rate		534.40	20000 No 1 Maz	3206
Planting							
28	400 Kgs	Cost and Transport of poultry manure each plants 500gm	LQ		1500.00	1000 Kgs.	600.00
29	800 Nos	Application of poultry manure @500 gm per plant by mixing in the pii before planting-1 mazdoor for 200nos	As per MTP ME 2013-14		534.40	200 Nos	2138.00
30	800 Nos	Cost of Bio fertilizer including cost of application- vemicompot-1 Kg.,Bio fertilizers-100 gm.,VAM-100gm.	NHA1 ME		7.70	1 Nos	6160.00

Sl. No.	Quantity	Description of work	FSR Item No.	FSL	Rate	Per	Amount (Rs.)
31	800 nos	Transporting saplings (transported to the radius of 40kms) excluding loading and unloading	NHAI ME		7.00	1 nos	5600.00
32	800 Nos	Loading and unloading the polythene container seedlings in private / department vehicles (excluding hire charges)	5.11.7	3.29	1758.18	1000 No	1407.00
33	800 Nos	Distribution of saplings from where seedlings are stocked to the planting spot upto 100mts	5.15.1	10	5344.00	1000 No	4275.00
34	800 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	2976.61	100 Nos	23813.00
35	8000 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	657.31	100 Nos	52585.00
36	8,000 Nos. 48 days	Watering the planted seedlings 6 days in a month 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	534.40	200 Nos. 1 day	1026048.00
37	7,680,000 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 x 500 x 20)	NHAI ME		1200.00	12000 Ltrs.	768000.00
38	1 Maz 125 days	Engaging Protection mazdoor @ 1 mazdoor from April to March @ 25/days/month	As per MTP ME 2013-14		534.40	1 Maz 1 day	66800.00
39	LS	Contingencies for applications of pesticides, panchagavya etc., and unforeseen items if any (2%) of the estimate amount				LS	67
Total							2058000.00

1) Estimate for first year maintenance of plantation in 8.00 Ha.

Rs. 2058000.00

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

Rs. 257250.00

Specification :

The above estimate is prepared based on Model Estimate of Principal Chief Conservator of Forests and Dindigul Circle FSR escalation 10% for further each years from 2020-21.

Vignar
District Forest Officer,
Dindigul Division,
Dindigul.

15/11/2020

**MODEL ESTIMATE FOR SECOND YEAR MAINTENANCE OF PLANTATION
OVER AN AREA OF 8.00 HA. OF DEGRADED AREA CHINNAIYAMPATTI RF
UNDER COMPENSATORY AFFORESTATION FOR THE FORMATION OF NEW ROAD
UNDER SECTION (2) OF FOREST CONSERVATION ACT 1980**

Size of Polythene bags 30 X 45 Cms - 600 Gauge

Number of seedlings

8000

8000

Wage Rate (2023-24) Rs. 587.84

Sl. No.	Quantity	Description of work	FSL	FSR Item No.	Rate	Per	Amount
1	2	3	4	4	5	6	7
6	4,000 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	723.04	100 Nos.	28922.00
9	8,000 Nos. 48 days	Watering the planted seedlings 6 days in a month 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	587.84	200 Nos. 1 day	1128653.00
10	7,680,000 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.	768000.00
11	125 days	Engaging protection mazdoor @ 25 days / month for the planting site (from April to March)	FSR		587.84	1 No.	73480.00
12	L.S.	Providing publicity / plantation board, planting equipment plant protection and documentation etc.,		L.S			945.00
		Total					2000000.000

1) Estimate for second year maintenance of plantation in 8.00 Ha.

Rs. 2000000.00

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

Rs. 250000.00

Specification:

The above estimate is prepared based on Model Estimate of Principal Chief Conservator of Forests and Dindigul Circle FSR escalation 10% for further each years from 2020-21.

District Forest Officer,
Dindigul Division,
Dindigul.

**MODEL ESTIMATE FOR THIRD YEAR MAINTENANCE OF PLANTATION
OVER AN AREA OF 8.00 HA. OF DEGRADED AREA CHINNAIYAMPATTI RF
UNDER COMPENSATORY AFFORESTATION FOR THE FORMATION OF NEW ROAD
UNDER SECTION (2) OF FOREST CONSERVATION ACT 1980**

Size of Polythene bags 30 X 45 Cms - 600 Guage

Number of seedlings

8000

8000

Wage Rate (2024-25) Rs. 646.62

Sl. No.	Quantity	Description of work	FSL	FSR Item No.	Rate	Per	Amount
1	2	3	4	4	5	6	7
6	4,000 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	795.34	100 Nos.	31814.00
9	8,000 Nos. 48 days	Watering the planted seedlings 6 days in a month 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	646.62	200 Nos. 1 day	1241510.00
10	7,680,000 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.	768000.00
11	125 days	Engaging protection mazdoor @ 25 days / month for the planting site (from April to March)	FSR		646.62	1 No.	80828.00
12	L.S.	Providing publicity / plantation board, planting equipment plant protection and documentation etc.,		L.S			848.00
		Total					2123000.000

1) Estimate for Third year maintenance of plantation in 8.00 Ha.

Rs. 2123000.00

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

Rs. 265375.00

Specification:

The above estimate is prepared based on Model Estimate of Principal Chief Conservator of Forests and Dindigul Circle FSR escalation 10% for further each years from 2020-21.

Vijayar
District Forest Officer,
Dindigul Division,
Dindigul.

19/11/2022

**MODEL ESTIMATE FOR FOURTH YEAR MAINTENANCE OF PLANTATION
OVER AN AREA OF 8.00 HA. OF DEGRADED AREA CHINNAIYAMPATTI RF
UNDER COMPENSATORY AFFORESTATION FOR THE FORMATION OF NEW ROAD
UNDER SECTION (2) OF FOREST CONSERVATION ACT 1980**

Size of Polythene bags 30 X 45 Cms - 600 Gauge

Number of seedlings

8000

8000

Wage Rate (2025-26) Rs. 711.28

Sl. No.	Quantity	Description of work	FSL	FSR Item No.	Rate	Per	Amount
1	2	3	4	4	5	6	7
1	4,000 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	874.87	100 Nos.	34995.00
2	125 days	Engaging protection mazdoor @ 25 days / month for the planting site (from April to March)	FSR		711.28	1 No.	88910.00
3	L.S.	Unforeseen expenditure		L.S			95.00
		Total					124000.000

1) Estimate for Fourth year maintenance of plantation in 8.00 Ha.

Rs. 124000.00

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

Rs. 15500.00

Specification:

The above estimate is prepared based on Model Estimate of Principal Chief Conservator of Forests and Dindigul Circle FSR escalation 10% for further each years from 2020-21.

[Signature]
District Forest Officer,
Dindigul Division,
Dindigul.

[Signature]
19/11/2020

**MODEL ESTIMATE FOR FIFTH YEAR MAINTENANCE OF PLANTATION
OVER AN AREA OF 8.00 HA. OF DEGRADED AREA CHINNAIYAMPATTI RF
UNDER COMPENSATORY AFFORESTATION FOR THE FORMATION OF NEW ROAD
UNDER SECTION (2) OF FOREST CONSERVATION ACT 1980**

Size of Polythene bags 30 X 45 Cms - 600 Guage

Number of seedlings

8000

8000

Wage Rate (2026-27) Rs. 782.41

Sl. No.	Quantity	Description of work	FSL	FSR Item No.	Rate	Per	Amount
1	2	3	4	4	5	6	7
1	4,000 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	6.24	962.36	100 Nos.	38494.00
2	125 days	Engaging protection mazdoor @ 25 days / month for the planting site (from April to March)	FSR		782.41	1 No.	97801.00
3	L.S.	Unforseen expenditure		L.S			705.00
		Total					137000.000

1) Estimate for Fifth year maintenance of plantation in 8.00 Ha.

Rs. 137000.00

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

Rs. 17125.00

Specification:

The above estimate is prepared based on Model Estimate of Principal Chief Conservator of Forests and Dindigul Circle FSR escalation 10% for further each years from 2020-21.

Bugac
District Forest Officer,
Dindigul Division,
Dindigul.

19/11/2020

**MODEL ESTIMATE FOR SIXTH YEAR MAINTENANCE OF PLANTATION
OVER AN AREA OF 8.00 HA. OF DEGRADED AREA CHINNAIYAMPATTI RF
UNDER COMPENSATORY AFFORESTATION FOR THE FORMATION OF NEW ROAD
UNDER SECTION (2) OF FOREST CONSERVATION ACT 1980**

Size of Polythene bags 30 X 45 Cms - 600 Guage

Number of seedlings

8000

8000

Wage Rate (2027-28) Rs. 860.65

Sl. No.	Quantity	Description of work	FSL	FSR Item No.	Rate	Per	Amount
1	2	3	4	4	5	6	7
1	4,000 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	1058.60	100 Nos.	42344.00
2	125 days	Engaging protection mazdoor @ 25 days / month for the planting site (from April to March)	FSR		860.65	1 No.	107581.00
3	LS	Contingencies unforeseen item of expenditure			LS		75.00
		Total					150000.000

1) Estimate for Sixth year maintenance of plantation in 8.00 Ha.

Rs. 150000.00

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

Rs. 18750.00

Specification:

The above estimate is prepared based on Model Estimate of Principal Chief Conservator of Forests and Dindigul Circle FSR escalation 10% for further each years from 2020-21.

Vignaraj
District Forest Officer,
Dindigul Division,
Dindigul.

19/11/2022

**MODEL ESTIMATE FOR SEVENTH YEAR MAINTENANCE OF PLANTATION
OVER AN AREA OF 8.00 HA. OF DEGRADED AREA CHINNAIYAMPATTI RF
UNDER COMPENSATORY AFFORESTATION FOR THE FORMATION OF NEW ROAD
UNDER SECTION (2) OF FOREST CONSERVATION ACT 1980**

Size of Polythene bags 30 X 45 Cms - 600 Guage

Number of seedlings

8000

8000

Wage Rate (2028-29) Rs. 946.72

Sl. No.	Quantity	Description of work	FSL	FSR Item No.	Rate	Per	Amount
1	2	3	4	4	5	6	7
1	4,000 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	1164.47	100 Nos.	46579.00
2	125 days	Engaging protection mazdoor @ 25 days / month for the planting site (from April to March)	FSR		946.72	1 No.	118340.00
3	LS	Contingencies unforeseen item of expenditure			LS		81.00
		Total					165000.000

1) Estimate for Seventh year maintenance of plantation in 8.00 Ha.

Rs. 165000.00

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

Rs. 20625.00

Specification:

The above estimate is prepared based on Model Estimate of Principal Chief Conservator of Forests and Dindigul Circle FSR escalation 10% for further each years from 2020-21.

Vugan
District Forest Officer,
Dindigul Division,
Dindigul.

19/11/2020

**MODEL ESTIMATE FOR EIGHTH YEAR MAINTENANCE OF PLANTATION
OVER AN AREA OF 8.00 HA. OF DEGRADED AREA CHINNAIYAMPATTI RF
UNDER COMPENSATORY AFFORESTATION FOR THE FORMATION OF NEW ROAD
UNDER SECTION (2) OF FOREST CONSERVATION ACT 1980**

Size of Polythene bags 30 X 45 Cms - 600 Guage

Number of seedlings

8000

8000

Wage Rate (2029-30) Rs. 1041.39

Sl. No.	Quantity	Description of work	FSL	FSR Item No.	Rate	Per	Amount
1	2	3	4	4	5	6	7
1	8,000 Nos.	Pruning side branches twice in a year		NHAI ME	1.00	1 No.	16000.00
2	125 days	Engaging protection mazdoor @ 25 days / month for the planting site (from April to March)	FSR		1041.39	1 No.	130174.00
3	LS	Contingencies unforeseen item of expenditure			LS		326.00
		Total					146500.000

1) Estimate for Eighth year maintenance of plantation in 8.00 Ha.

Rs. 146500.00

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

Rs. 18313.00

Specification:

The above estimate is prepared based on Model Estimate of Principal Chief Conservator of Forests and Dindigul Circle FSR escalation 10% for further each years from 2020-21.

Vugan
District Forest Officer,
Dindigul Division,
Dindigul.

19/11/2020

**MODEL ESTIMATE FOR NINTH YEAR MAINTENANCE OF PLANTATION
OVER AN AREA OF 8.00 HA. OF DEGRADED AREA CHINNAIYAMPATTI RF
UNDER COMPENSATORY AFFORESTATION FOR THE FORMATION OF NEW ROAD
UNDER SECTION (2) OF FOREST CONSERVATION ACT 1980**

Size of Polythene bags 30 X 45 Cms - 600 Guage

Number of seedlings

8000

8000

Wage Rate (2030-31) Rs. 1145.53

Sl. No.	Quantity	Description of work	FSL	FSR Item No.	Rate	Per	Amount
1	2	3	4	4	5	6	7
2	125 days	Engaging protection mazdoor @ 25 days / month for the planting site (from April to March)	FSR		1145.53	1 No.	143191.00
3	LS	Contingencies unforeseen item of expenditure			LS		309.00
		Total					143500.000

1) Estimate for Ninth year maintenance of plantation in 8.00 Ha.

Rs. 143500.00

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

Rs. 17938.00

Specification:

The above estimate is prepared based on Model Estimate of Principal Chief Conservator of Forests and Dindigul Circle FSR escalation 10% for further each years from 2020-21.

Vijay
District Forest Officer,
Dindigul Division,
Dindigul.

19/11/2020

**MODEL ESTIMATE FOR TENTH YEAR MAINTENANCE OF PLANTATION
OVER AN AREA OF 8.00 HA. OF DEGRADED AREA CHINNAIYAMPATTI RF
UNDER COMPENSATORY AFFORESTATION FOR THE FORMATION OF NEW ROAD
UNDER SECTION (2) OF FOREST CONSERVATION ACT 1980**

Size of Polythene bags 30 X 45 Cms - 600 Guage

Number of seedlings

8000

8000

Wage Rate (2031-32) Rs. 1260.08

Sl. No.	Quantity	Description of work	FSL	FSR Item No.	Rate	Per	Amount
1	2	3	4	4	5	6	7
2	125 days	Engaging protection mazdoor @ 25 days / month for the planting site (from April to March)	FSR		1260.08	1 No.	157510.00
3	LS	Contingencies unforeseen item of expenditure			LS		490.00
		Total					158000.000

1) Estimate for Tenth year maintenance of plantation in 8.00 Ha.

Rs. 158000.00

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

Rs. 19750.00

Specification:

The above estimate is prepared based on Model Estimate of Principal Chief Conservator of Forests and Dindigul Circle FSR escalation 10% for further each years from 2020-21.

Vuga
District Forest Officer,
Dindigul Division,
Dindigul.

19/11/2020