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TAMILNADU FOREST DEPARTMENT

From

To

Thiru.Naga Sathish Gidijala, I.F.S.,
District Forest Officer,
Tirupattur Division,
Tirupattur dt- 635 601

The Executive Engineer, TANGEDCO
No.34/F, Sowkathali pettai,
London Mission Road,
Tirupattur District - 635601

Dev
4/1/22
15/03/2022

C.No. 4803/ 17/ D / dt. 15.03.2022

Sir,

Sub : Forest (Conservation) Act 1980- Vellore Forest Circle/Tirupattur Forest Division – Proposal for diversion of 4.47 ha of forest land in Andiyappanur Reserve Forest of Tirupattur Forest Division in Vellore District for establishment of 33/11 KV new substation in Pungampattu nadu village – Stage I approval under Section 2 of Forest (Conservation) Act, 1980 – Revised Demand notice - Compliance report - reg

- Ref : 1) Government of India, Ministry of Environment and Forests and Climate Change, Intergrated Regional Office, Chennai Lr.No. F.No.4-TNB063/2020 – CHN/ 479 dt. 13.05.2021
- 2) Government of India, Ministry of Environment, Forest and Climate change Lr. No. 5-3/2011-FC (Vol – I) dt. 06.01.2022
- 3) Principal Chief Conservator of Forests, Chennai C.No. TS3/7921/2019 dated 19.05.2021
- 4) This office demand notice even no dated 10.06.2021 and 18.08.2021
- 5) Additional Principal Chief Conservator of Forests, Vellore Proc.No. 8738/2017/D1 dt. 12.08.2021
- 6) Form for verification fund details submitted by the user agency on 11.01.22
- 7) Principal Chief Conservator of Forests ref.No.TS3/7921/19 dated 11.01.22 and 27.01.22
- 6) This office demand notice even no dated 20.01.22
- 7) Revised Form for verification fund details submitted by the user agency on 04.03.22
- 8) Principal Chief Conservator of Forests ref.No.TS3/7921/19 dated 14.03.2022

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I wish to state that kind attention is invited to the reference 2nd and 3rd cited above. As per the instructions issued vide reference 8th cited above, the

revised demand notice for the forest area to be diverted (4.47 ha) for establishment of 33/11 KV new substation in Pungampattu nadu village through Andiyappanur Reserved Forests of Tirupattur Range is as follows for necessary followup action. I request that, the conditions and intructions may be complied and furnished to this office for submitting the compliance report to the Principal Chief Conservator of Forests (HoD), Chennai at an early date.

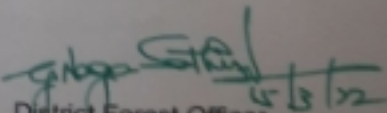
- i). The Legal status of the diverted forest land shall remain unchanged. User agency shall furnish an undertaking to this effect in five copies.
- ii). Demarcation of the proposed forest area for diversion shall be carried out by erecting of 4 feet high cement concrete pillars duly numbered at an interval of 20 meters by the user agency in consultation with District Forest Officer, Tirupattur at the project cost.
- iii). Compensatory afforestation shall be taken up by the Forest Department in identified degraded forest area over an extent of 8.94 ha of degraded area in Andiyappanur Reserved Forests , at the cost of the User agency;
- iv). The following amount as detailed below has to be deposited separately, in the **CAMPA by generating challan through the web site** of Ministry of Environment, Forests and climate change

Sl. No	Description	Head of account	Amount in Rs.
1	Net Present Value (Rs.8.03 lakhs x 4.47 ha) as per the Supreme Court Direction No. 597/1995/SC/PILC order dt. 28.03.2018 in W.P(civil) 202 of 1995 filed by T.N.Godavarman Thirumulpad	State CAMPA	35,89,410
2	Compensatory afforestation (CA) with 10 years maintenance over an area of 8.94 Ha in degraded forest area of Andiyappanur Reserved Forests in Tirupattur Range	State CAMPA	57,74,029
3	Raising dwarf species (Preferably medicinal plants) under the under the transmission line to a length of 2980 mts and width of 15 mts in total 44700 sqm (4.47 Ha) with 10 years maintenance	State CAMPA	18,91,123
TOTAL			1,12,54,562

Total amount payable: Rs.1,12,54,562/- (Rupees one crore twelve lakhs fifty four thousand five hundred and sixty two only)

- xv). Pollarding / Pruning of trees, if any, shall be done with the permission of the local forest officer wherever necessary during construction and maintenance of the electricity line; The User agency shall furnish an undertaking to this effect in five copies.
- xvi). The compliance report shall be uploaded on e-portal (<https://parivesh.nic.in>);
- xvii). The total forest area utilized for the project shall not exceed 4.47 ha and the forest area diverted shall not be used for any purpose other than those shown in the diversion proposal; User agency shall furnish an undertaking in five copies to this effect.
- xviii). The user agency shall ensure compliance to the all acts, rules, Regulation, Court Orders and Guidelines of the ministry, for the time being in force, as applicable to the transmission line projects;
- xix). Any other conditions that the DDGF (Central), Integrated Regional office, Chennai may impose from time to time in the interest of afforestation, conservation and management of flora and fauna in the area, shall be complied by the User Agency. User agency shall furnish an undertaking in five copies to this effect.
- xx). In the event of failure to comply with any of the above conditions the user agency is liable for penal action as per the Rules and Guidelines framed under Forest (Conservation) Act 1980

After receipt of the compliance report on above mentioned conditions the proposal will be considered for final approval. The in-principle approval shall be valid for a period of 5 years from the date of issue of this letter. In the event of non-compliance of the above conditions, this in-principle approval may be revoked as per the rules.


District Forest Officer,
Tirupattur Division.

Copy submitted to the Conservator of Forests, Vellore
Copy to the Forest Range officer, Tirupattur

- v). Additional amount of the NPV of the diverted forest land, if any, becoming due after finalization of the same by the Hon'ble Supreme Court of India on receipt of the report from the expert Committee, shall be charged by the State Government from the User agency. The User agency shall furnish an undertaking to this effect in five copies.
- vi). No tree felling shall be carried out in the diverted forest area; The User agency shall furnish an undertaking to this effect in five copies.
- vii). The State Government shall make plantation of dwarf species (Preferably medicinal plants) under the transmission line at the cost of User agency. The User agency shall furnish an undertaking to this effect in five copies.
- viii). The maximum width of right of way for the proposed transmission line on the forest land shall not be more than 15 meters.
- ix). All the funds received from the User Agency under the project shall be transferred / deposited to designated CAMPA account only through the portal (<https://parivesh.nic.in>) . The User agency shall furnish an undertaking to this effect in five copies.
- x). Disturbance shall be kept minimum by creating labour camps outside the forest area as far as possible;
- xi). Sufficient firewood, preferably the alternate fuel, shall be provided by the user agency to the labourers after purchasing the same from the State Forest Department or the Forest Development Corporation or any other legal source of alternate fuel;
- xii). No additional or new path will be constructed inside the forest area for the transportation of construction materials for execution of the project work;
- xiii). The user agency shall ensure compliance to ministry's guidelines F.No.7-25/2012-FC dated 5th May,2014 and provisions of the all acts, rules, regulation and guidelines of the ministry, for the time being in force, as applicable to the transmission line projects; The User agency shall furnish an undertaking to this effect in five copies.
- xiv). The forest land proposed to be diverted shall under no circumstances be transferred or sublet to any other agencies, department or person without prior approval of Govt. of India; The User agency shall furnish an undertaking to this effect in five copies.

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**PROCEEDINGS OF THE ADDITIONAL PRINCIPAL CHIEF CONSERVATOR OF
FORESTS, VELLORE CIRCLE, VELLORE-9**

**Present: Tmt.V.KarunaPriya, IFS.,
Chief Conservator of Forest &
Additional Principal Chief Conservator of Forests(FAC)**

Proc No. 8738/2017 D1


Dated: .08.2021



- Sub : Forest (Conservation) Act 1980- Vellore Forest Circle/Tirupattur Forest Division – Proposal for diversion of 4.47 ha of forest land in Andiyappanur Reserve Forest of Tirupattur Forest Division in Vellore District for establishment of 33/11 KV new substation in Pungampattu nadu village - – Stage I approval accorded – Estimate for planting Dwarf species with 10 yrs maintenance which will be planted under the transmission line – initiating further action-approval orders issued reg
- Ref : 1) Government of India, Ministry of Environment and Forests and Climate Change, Intergrated Regional Office, Chennai file No. 4-TNB063/ 2020-CHN/479 dated 13.05.2021
- 2) Principal Chief Conservator of Forests (HoD), Chennai ref.No.TS3/7921/19 dated 19.05.2021
- 3) District Forest Officer, Tirupattur C.No.4803/2017/D dated 09.08.2021
- - - - -

In the reference cited, the Government of India . Ministry of Environment, Forests & Climate Change has accorded Stage I approval vide reference 1st cited above for the diversion of 4.79 ha of forest land in Andiyappanur Reserved Forests of Tirupattur Division for establishment of 33/11 KV new substation in Pungampattu nadu village in Tirupattur Range of Tirupattur Forest Division under Forest (Conservation) Act 1980. While issuing the Stage I approval, the Government of India has laid down the following condition. ***“The State Forest Department shall make a plantation of dwarf species (preferably medicinal plants) under the transmission line at the cost of User Agency”.***

Accordingly, the District Forest Officer, Tirupattur has submitted an Estimate for raising and planting Dwarf species with 10 yrs maintenance under the transmission line. The total cost of the estimate is Rs.1891123/- (Rupees eighteen lakhs ninety one thousand one hundred and twenty three only) is approved. Hence the District Forest Officer, Tirupattur is instructed to initiate by raising demand notice and forward to the User Agency for further action. The action taken report may be submitted at the earliest.


Chief Conservator of Forest &
Addl Principal Chief Conservator of Forests(FAC)
Vellore Circle.

To
The District Forest Officer, Tirupattur Division

2
12/8/2021

**WORK SCHEDULE FOR RAISING DWARF SPECIES UNDER THE TRANSMISSION LINE
TO A EXTENT OF 4.47 HA IN ANDIYAPPANUR RESERVED FOREST IN TIRUPATTUR
RANGE, TIRUPATUR FOREST DIVISION**

Abstract

S.No	Name of the component	Proposed Estimate Cost	Justification
1	Raising Medicinal seedlings (Dwaft Species) for plantation	132000	Since the proposed area is sandy in nature it is necessary to plant seedlings with 16x30cm size bag for better survival.
2	Planting of Medicinal Plants (Dwaft Species)	353000	Raising plantation will ensure better survival of the plantation with better initial growth
3	1st year Maintenance	243000	20% of the weightage towards esclation of labour wage rate for 1st year mainatnce
4	2nd year Maintenance	90357	30% of the weightage towards esclation of labour wage rate
5	3rd year Maintenance	93807	40% of the weightage towards esclation of labour wage rate
6	4th year Maintenance	103188	10% of the weightage towards esclation of labour wage rate from 3rd year mainatnce
7	5th year Maintenance	113506	10% of the weightage towards esclation of labour wage rate from 4th year mainatnce
8	6th year Maintenance	124857	10% of the weightage towards esclation of labour wage rate from 5th year mainatnce
9	7th year Maintenance	137343	10% of the weightage towards esclation of labour wage rate from 6th year mainatnce
10	8th year Maintenance	151077	10% of the weightage towards esclation of labour wage rate from 7th year mainatnce
11	9th year Maintenance	166185	10% of the weightage towards esclation of labour wage rate from 8th year mainatnce
12	10th year Maintenance	182803	10% of the weightage towards esclation of labour wage rate from 9th year mainatnce
	Total	1891123	

COUNTER SIGNED

K. V. S. S. S. S.
District Forest Officer,
Tirupattur Division

8/8/2021

Approved vide APCCF Rg/MS:
8738/2017/D1 dt:12-8-2021

Addl. Principal Chief Conservator of Forests
Vellore Circle, Vellore-9.

12/8/2021

Forest Range Officer
Tirupattur

Rate for Raising Dwarf Species Nursery under the Transmission line to a extent of 4.47 Ha in Andiyappanur Reserved Forest in Tirupattur Range, Tirupattur Division under CAMPA Scheme.

Total Area : 4.47 Ha

No of Seedlings = 4470

10% Casualty = 447

Total 4917

Size of Polybags = 16 x 30 x 300g

Wage rate = Rs. 460.25


Name of Species : Nelli, Amanakku, Nochi, Avaram, Vallarai, Aduthoda, Katralai, Karpoora Valli, Siriyanangai and Guava

S. No	Quantity	Unit	Name of Work	FSR / SSR	FSL	Rate	Per		Amount
1	49	M ²	Preparation of Nursery site by clearing and levelling the site for forming standard bed of size 10mX1m (10 M ² /1000 Nos)	4.1	2.42	1113.81	200	No	273
2	16	Kg	Cost of seeds (2kgs/ 1000 Nos)	LR	--	250.00	1	No	4000
3	4917	Nos.	Cost of 16 x 30 cm x 300 G Poly Bags	Tender Rate 16-17	--	1486.00	1000	No	7307
4	24	Nos.	Forming Germination beds of size 10mx1mx 0.3m by heaping the soil	PWD SSR item 62	--	46.00	1	No	1104
5	10	Bed	Watering the germination beds twice daily with rose cans for 15 days 24.02.2019 to 10.3.2019	4.5.1	0.82	377.41	10	Beds / day	8661
6	10	Bed	Watering the germination beds once daily with rose cans for 15 days 11.3.2019 to 25.3.2019	4.5.2	0.41	188.70	10	Beds / day	2831
7	9.64	Cu.m	Collection & supply of sand,silt,and red soil according to the requirement for preparation of soil mixture - 4/5th of the total volume (1.96 M ³ /1000 Nos)	LR	--	500.00	1	Cu.m	4820
8	2.38	Cu.m	Cost and transport of Farm yard manure for filling bags - 1/5th of the total volume.	LR		500.00	1	Cu.m	1190
9	4917	Nos.	Preparation of soil mixture by breaking clods,seiving, mixing red soil,silt,sand according to requirement and farm yard manure in the ratio of 4:1, heaping at the filling site and filling in poly bags, arranging bags in beds and pricking out the seedlings (excluding cost of soil mixture and FYM)	4.6.5	5.95	2738.49	1000	Nos	13465

11	172	Kgs.	Cost of Vermicasting @ 35 gm per seedlings	As per Research Wing Rate	-	4.50	1	Kg	774
	74	Kgs.	Cost of VAM @ 15 gm per seedlings		-	5.00	1	Kg	370
12	30	Kg	Cost of Azospirillum @ 6 gm per seedlings		-	11.00	1	Kg	330
13	30	Kg	Cost of Phosphobacteria @ 6 gm per seedling		-	11.00	1	Kg	330
14			Watering the container plants with rose cans - watering regime as per the NHAI ME approved in PCCF's Ref. No. J1/57395/2003 dt. 12.12.03.)						
	4917	Nos.	a) Twice daily - 10 days	4.10.5	0.37	170.29	1000	Day	8373
	4917	Nos.	b) Once daily - 30 days	4.11.5	0.185	85.15			12560
	4917	Nos.	c) Alternate days - 55 days		0.185	85.15			26796
16	4917	Nos.	Shifting the container once in 21 days. First shift after 45 days from the date of transplanting - 3 times	4.15.5	0.79	363.60	1000	Shift	10727
19	4917	Nos.	Nursery protection mazdoors 1 No / 100000Nos of 16 x30cm bags - 198 days.	Wage rate	1	460.25	100000	M	4481
20	2	Nos.	Providing shade pandal	4.9	1	460.25	1	No	921
21	L.S		Preparation and Spraying of Pancha Kavya			L.S			8000
22	L.S		Purchase and Spraying of pesticides			L.S			5000
23	L.S		Photo & Documentation			L.S			3000
24	5 Nos.		Small Size Name Board			L.S			1000
25	L.S		Repairing of water pipe lines of Nursery			L.S			7500
26	L.S		Contingencies for unforeseen items if any			L.S			1187
TOTAL									132000

Specifications :

This estimate has been prepared based on the FSR, PWD SSR for the year 2021-22 and the local rate as per model estimate and research wing rate.

COUNTER SIGNED

K. S. Saini
 District Forest Officer,
 Tirupattur Division
 9/8/24
 9/8/24


 Forest Range officer,
 Tirupattur Range,
 Tirupattur.

**★ Estimate for Planting Dwarf Species under the Transmission Line extent of 4.47 Ha. In
 Andavappanur Reserved Forest in Tirupattur Range, Tirupattur Division under CAMPA Scheme.**

Total Area : 4.47 Ha

No of Seedlings = 4470

Size of Polybags = 16 x 30 x 300g

10% Casualty = 447

Wage rate = Rs. 460.25

TOTAL 4917

**Name of Species : Nelli, Amanakku, Nochi, Avaram, Vallarai, Aduthoda, Katralai, Karpoora Valli,
 Siriyanangai and Guava**

Sl. No	Qty		Description of work	F.S.R. No.	FSL (Man days)	Rate Rs.	Per		Amount
1	4470	Nos	Digging of 45 cm pits in hard gravelly soil & hillocks during non rainy season	5.5.1	4.7	2163.18	100	Nos	96694
2	4917	Nos	Loading & unloading the container seedlings (16x30cm) in private lorry upto a lead of 2kms excluding hire charges for the vehicles.)	5.11.5	1.79	823.85	1000	Nos	4051
3	4917	Nos	Transport of container seedlings (16X30 cm) in private vehicles up to a lead of 10 Kms. excluding loading and unloading charges.- @ 2000/load	LR		1000.00	2000	Nos	2459
4			Transport of container seedlings (16X30 cm) by head load in the places where approach roads are not available to take vehicles to planting site upto 500 mts						
	4917	Nos	in plains	5.13.2(ii)	5.22	2402.51	1000	Nos	11813
5			Distribution of seedlings in the site C.plants upto 500mtrs -						
			in plains						
a)	5000	Nos	Up to 100 m.	5.15.1	3.13	1440.58	1000	Nos	7203
b)	4834	Nos	Up to 200 m.	5.15.2	4.66	2144.77	1000	Nos	10368

6	4470	Nos	Application of poultry manure @250g per plant by mixing in the pit before planting including cost & transport	LR	1117.5	6.00	1	Nos	6705
7	4470	Nos	Planting the container plants by refilling pits of size 45cm.	5.21	1.15	529.29	100	Nos	23659
8	447	Nos	Replacement of casualties by reopening failed pits and planting the seedlings	5.23	3.11	1431.38	100	Nos	6398
9	4470	Nos	Scraping 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	566.11	100	Nos	25305
10	4470	Nos	Watering the plants in the day of planting (one watering) and once in 6 days during March 2020 @ one mazdoor for 200 plants / watering day [6 watering days].	MTP - ME	--	460.25	200	Nos	61720
12	268200	Lts.	Cost of water @ 10 liters per seedlings (6 watering days) at the rate once in 6 days - 10X4470x6=268200 liters.		--	1200.00	12000	Lits	26820
13	150		Engaging protection mazdoor@1Maz/500 plants(3 Months - 25 days per month - 75 days) 2 Taken Mazdoor	MTP - ME	-	460.25	500	Nos	69038
13	LS		Contingencies and unforeseen expenditure to be restricted to as per actuals.	LS					768
TOTAL									353000

Specifications :

This estimate has been prepared based on the FSR, PWD SSR for the year 2021-22 and the local rate as per model estimate and research wing rate.

COUNTER SIGNED

K. V. A. Naidu
District Forest Officer
Tirupattur Division

A. M. M.
Forest Range officer,
Tirupattur Range,
Tirupattur.

7/8/21
20/11/21

Rate for 1st year maintenance Dwarf Species under the Transmission Line extent of 4.47 Ha. In of Andiyappanur Reserved Forest in Tirupattur Range, Tirupattur Division under CAMPA Scheme.

Total Area : 4.47 Ha

No of Seedlings 447

10% Casualty

Total 447

Size of Polybags = 16 x 30 x 300g

Wage rate = Rs. 460.25

S. No	Quantity	Unit	Name of Work	FSR / SSR	FSL	Rate	Per		Amount
1	4	M ²	Preparation of Nursery site by clearing and levelling the site for forming standard bed of size 10mX1m (10 M2/1000 Nos)	4.1	2.42	1113.81	200	No	22
2	16	Kg	Cost of seeds (2kgs/ 1000 Nos)	LR	--	250.00	1	No	4000
3	447	Nos.	Cost of 16 x 30 cm x 300 G Poly Bags	Tender Rate 16-17	--	1486.00	1000	No	664
4	3	Nos.	Forming Germination beds of size 10mx1mx 0.3m by heaping the soil	PWD SSR item 62	--	46.00	1	No	138
5	2	Bed	Watering the germination beds twice daily with rose cans for 15 days	4.5.1	0.82	377.41	10	Beds / day	1132
6	2	Bed	Watering the germination beds once daily with rose cans for 15 days	4.5.2	0.41	188.70	10	Beds / day	566
7	0.88	Cu.m	Collection & supply of sand,silt,and red soil according to the requirement for preparation of soil mixture - 4/5th of the total volume (1.96 M3/1000 Nos)	LR	--	500.00	1	Cu.m	440
8	0.22	Cu.m	Cost and transport of Farm yard manure for filling bags - 1/5th of the total volume.	LR		500.00	1	Cu.m	110
9	447	Nos.	Preparation of soil mixture by breaking clods,seiving, mixing red soil,silt,sand according to requirement and farm yard manure in the ratio of 4:1, heaping at the filling site and filling in poly bags, arranging bags in beds and pricking out the seedings (excluding cost of soil mixture and FYM)	4.6.5	5.95	2738.49	1000	Nos	1224

16	Kgs.	Cost of Vermicasting @ 35 grm per seedlings	As per Research Wing Rate	-	4.50	1	Kg	72
11	7	Kgs. Cost of VAM @ 15 grm per seedlings		-	5.00	1	Kg	35
12	3	Kg Cost of Azospirillum @ 6 gm per seedlings		-	11.00	1	Kg	33
13	3	Kg Cost of Phosphobacteria @ 6 gm per seedling		-	11.00	1	Kg	33
14		Watering the container plants with rose cans - watering regime as per the NHAI ME approved in PCCF's Ref. No. J1/57395/2003 dt. 12.12.03.)						
	447	Nos. a) Twice daily - 10 days	4.10.5	0.37	170.29	1000	Day	761
	447	Nos. b) Once daily - 30 days	4.11.5	0.185	85.15			1142
	447	Nos. c) Alternate days - 55 days		0.185	85.15			2436
16	447	Nos. Shifting the container once in 21 days. First shift after 45 days from the date of transplanting -6 times	4.15.5	0.79	330.54	1000	Shift	887
19	447	Nos. Nursery protection mazdoors 1 No / 100000Nos of 16 x30cm bags - 198 days.	Wage rate	1	460.25	100000	M	407
20	2	Nos. Providing shade pandal	4.9	1	460.25	1	No	921
21	L.S	Preparation and Spraying of Pancha Kavya	L.S					8000
22	L.S	Purchase and Spraying of pesticides	L.S					5000
23	L.S	Photo & Documentation	L.S					3000
24	5 Nos.	Small Size Name Board	L.S					1000
25	L.S	Repairing of water pipe lines of Nursery	L.S					7500
26	L.S	Contingencies for unforeseen items if any	L.S					477
TOTAL (A)								40000

COUNTER SIGNED

K. N. Naidu
District Forest Officer,
Tirupattur Division

9/8/21
9/8/21

G. M.
Forest Range Officer,
Tirupattur Range,
Tirupattur, TPT.Dt.

Planting Operation

Estimate for 1st year maintenance of Dwarf Species under the Transmission Line extent of 4.47 Ha. In of Andiyappanur Reserved Forest in Tirupattur Range, Tirupattur Division under CAMPA Scheme.

Total Area : 4.47 Ha

No of Seedlings = 4470

10% Casualty = 447

TOTAL 447

Size of Polybags = 16 x 30 x 300g

Wage rate = Rs. 460.25

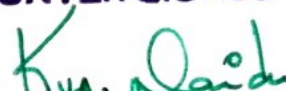

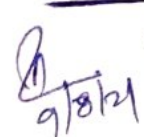
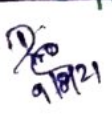
Pro - rata = 1000 x Rs.187.00 = Rs. 187000

Sl. No	Qty	Description of work	F.S.R. No.	FSL (Man days)	Rate Rs.	Per		Amount
1	447 Nos	Digging of 45 cm pits in hard gravelly soil & hillocks during non rainy season	5.5.1	4.7	2163.18	100	Nos	9669
2	447 Nos	Loading & unloading the container seedlings (16x30cm) in private lorry upto a lead of 2kms excluding hire charges for the vehicles.)	5.11.5	1.79	823.85	1000	Nos	362
3	447 Nos	Transport of container seedlings (16X30 cm) in private vehicles up to a lead of 10 Kms. excluding loading and unloading charges.- @ 2000/load	LR		1000.00	2000	Nos	224
4		Transport of container seedlings (16X30 cm) by head load in the places where approach roads are not available to take vehicles to planting site upto 500 mts						
	447 Nos	in plains	5.13.2(ii)	5.22	2402.51	1000	Nos	1074
5		Distribution of seedlings in the site C.plants upto 500mtrs -						
		in plains						
a)	150 Nos	Up to 100 m.	5.15.1	3.13	1440.58	1000	Nos	216
b)	150 Nos	Up to 200 m.	5.15.2	4.66	2144.77	1000	Nos	322
c)	147 Nos	Up to 500 m.	5.15.3	8.22	3783.26	1000	Nos	556
6	447 Nos	Application of poultry manure @250g per plant by mixing in the pit before planting including cost & transport	LR		0.50		1 Nos	224

	0	Nos	Planting the container plants by refilling pits of size 45cm.	5.21	1.15	529.29	100	Nos	0
8	447	Nos	Replacement of casualties by reopening failed pits and planting the seedlings	5.23	3.11	1431.38	100	Nos	6398
9	4470	Nos	Scraping 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	566.11	100	Nos	25305
10	4470	Nos	Watering the plants in the day of planting (one watering) and once in 6 days during March 2020 @ one mazdoor for 200 plants / watering day [6 watering days].	MTP - ME	--	460.25	200	Nos	61720
12	268200	Lts.	Cost of water @ 10 liters per seedlings (6 watering days) at the rate once in 6 days - 10X4470x6=268200 liters.		--	1200.00	12000	Lits.	26820
13	150		Engaging protection mazdoor@1Maz/500 plants(3 Months - 25 days per month - 75 days) for 2 Mazdoor	MTP - ME		460.25	500	Nos	69038
13	LS		Contingencies and unforeseen expenditure to be restricted to as per actuals.	LS					1067
TOTAL (B)									203000
GRANT TOTAL (A+B)									243000

Specifications :

This estimate has been prepared based on the FSR, PWD SSR for the year 2021-22 and the local rate as per model estimate and research wing rate.

COUNTER SIGNED

K. V. Sridhar
 District Forest Officer,
 Tirupattur Division





 Forest Range officer,
 Tirupattur Range,
 Tirupattur.

Estimate for 2nd year maintenace of Dwarf Species under the Transmission Line extent of 4.47 Ha. In of Andivappanur Reserved Forest in Tirupattur Range, Tirupattur Division under CAMPA Scheme.

Total Area 4.47 Ha Wage Rate (4.5.8 FSR) 460.25
 No of Seedlings /Ha 1000/Ha
 Seedlings Planted 4470
 Survival 95% 4247

Sl. No.	Name of work	FSR / SSR item No.	Quantity	Unit	Rate	Per	Amount
1	2	3	4	5	6	7	8
1	PLANTING						
1	Scrap weeding for 1m dia and soil working 15cm depth around each plant and removing the grass roots away from the site by upturning the soil.	5.24	4247	m ³	566.11	100	24040
2	Cost of Vermicompost 1Kg/Plant	NHAI ME	4247	kgs	10.00	1	42465
4	Contigencies for application of pesticides,etc, and unforeseen iitems and Name board for Publicity	L.s					3000
	Total						69505
Add 30% Escalation							20851.5
Grand Total for IInd year							90357

Specification:

This Estimate prepared based on the NHAI, MTP Model Estimates and FSR 2021-2022 PWDSSR 2021-22 and the local rate as per Model Estimate

COUNTER SIGNED

 District Forest Officer,
 Tirupattur Division

7/8/21 7/8/21


 Forest Range Officer
 Tirupattur Range

Estimate for 3rd year maintenance of Dwarf Species under the Transmission Line extent of 4.47 Ha. in of Andiyappanur Reserved Forest in Tirupattur Range, Tirupattur Division under CAMPA Scheme.

Total Area 4.47 Ha Wage Rate (4.5.8 FSR) 460.25
 No of Seedlings /Ha 1000/Ha
 Seedlings Planted 4470
 Survival 90% 4023

Sl. No.	Name of work	FSR / SSR item No.	Quantity	Unit	Rate	Per	Amount
1	2	3	4	5	6	7	8
1	PLANTING						
1	Scrap weeding for 1m dia and soil working 15cm depth around each plant and removing the grass roots away from the site by upturning the soil.	5.24	4023	m ³	566.11	100	22775
2	Cost of Vermicompost 1Kg/Plant	NHAI ME	4023	kgs	10.00	1	40230
4	Contingencies for application of pesticides,etc, and unforeseen items and Name board for Publicity	L.s					4000
Total Pro rata for 3rd year maintenance							67005

COUNTER SIGNED

K. V. S. S. S.
 District Forest Officer,
 Tirupattur Division

9/8/21
2/8/21

9.11.21
 Forest Range Officer,
 Tirupattur Range,
 Tirupattur, TPT.Dt.

Add 40% Escalation for Next Year	26802
Prorate for Next Year	93807
4 the year mainatnce Add 10% Escalation	9381
4 Th Year Mainatnce Cost	103188
5 the year mainatnce Add 10% Escalation	10319
5 Th Year Mainatnce Cost	113506
6 the year mainatnce Add 10% Escalation	11351
6 Th Year Mainatnce Cost	124857
7 the year mainatnce Add 10% Escalation	12486
7 Th Year Mainatnce Cost	137343
8 the year mainatnce Add 10% Escalation	13734
8 Th Year Mainatnce Cost	151077
9 the year mainatnce Add 10% Escalation	15108
9 Th Year Mainatnce Cost	166185
10 the year mainatnce Add 10% Escalation	16618
10 Th Year Mainatnce Cost	182803

Specification:

This Estimate prepared based on the NHAI, MTP Model Estimates and FSR 2021-22, PWDSSR 2019-20 and the local rate as per Model Estimate

COUNTER SIGNED

K. N. Naidu
District Forest Officer,
Tirupattur Division

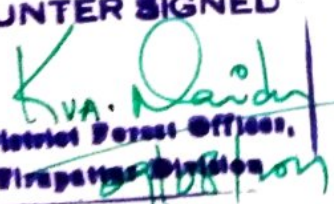
9/8/24 9/8/24

Forest Range Officer
Tirupattur Range

**WORK SCHEDULE FOR RAISING DWAFI SPECIES PLANTATION
UNDER THE TRANSMISSION LINE TO A EXTENT OF 4.47 HA IN
ANDIYAPPANUR RESERVED FOREST IN TIRUPATTUR RANGE,
TIRUPATUR FOREST DIVISION**

Abstract

S.No	Description of work	Period of work
1	Raising Medicinal seedlings for plantation	Jun 2021 to October 2021
2	Planting of the Medicinal Seedlings	November 2021 to December 2021
3	1st year Maintenance	September 2022 to December 2022
4	2nd year Maintenance	September 2023 to December 2023
5	3rd year Maintenance	September 2024 to December 2024
6	4th year Maintenance	September 2025 to December 2025
7	5th year Maintenance	September 2026 to December 2026
8	6th year Maintenance	September 2027 to December 2027
9	7th year Maintenance	September 2028 to December 2028
10	8th year Maintenance	September 2029 to December 2029
11	9th year Maintenance	September 2030 to December 2030
12	10th year Maintenance	September 2031 to December 2031

COUNTER SIGNED

 K. V. D. Srinivas
 District Forest Officer,
 Tirupattur Division
 9/8/21


 Forest Range Officer
 Tirupattur