

ABSTRACT

Compensatory afforestation in degraded Forest for Diversion of 0.37 Ha in Kottamalai beat of Saptur RF in Saptur Range of Srivilliputtur - Megamalai Tiger Reserve, Srivilliputtur Division for Laying of OFC cable along the road side from Muthalamparai to Mallapuram village through Mallapuram beat of Saptur Range

Si.No	Area	Name of work	Prorata
1	0.37 Ha	Cost of Raising Nursery 2023-24	Rs. 59438
2	0.37 Ha	Cost of Planting 2024-25	Rs. 451567
3	0.37 Ha	Cost of First Year Maintenance 2024-25	Rs. 60339
4	0.37 Ha	Cost of First Year Maintenance work 2025-26	Rs. 123260
5	0.37 Ha	Cost of 2nd Year Maintenance 2026-27	Rs. 76341
6	0.37 Ha	Cost of 3rd Year Maintenance 2027-28	Rs. 81794
7	0.37 Ha	Cost of 4th Year Maintenance 247-29	Rs. 3811
8	0.37 Ha	Cost of 5th Year Maintenance 2029-30	Rs. 4083
9	0.37 Ha	Cost of 6th Year Maintenance 2030-31	Rs. 4324
10	0.37 Ha	Cost of 7th Year Maintenance 2031-32	Rs. 4756
11	0.37 Ha	Cost of 8th Year Maintenance 2032-33	Rs. 5232
12	0.37 Ha	Cost of 9th Year Maintenance 2033-34	Rs. 5755
13	0.37 Ha	Cost of 10th Year Maintenance 2034-35	Rs. 6330
		Total	Rs. 887028.00

or
Rs. **887030**


Forest Range officer
Saptur Range
Saptur


Deputy Director
Srivilliputtur - Megamalai Tiger Reserve
Srivilliputtur

ESTIMATE FOR RAISING NURSERY DURING 2023-24

Compensatory afforestation in degraded Forest for Diversion of 0.37 Ha in Kottamalai beat of Saptur RF in Saptur Range of Srivilliputtur - Megamalai Tiger Reserve, Srivilliputtur Division for Laying of OFC cable along the road side from Muthalamparai to Mallapuram village through Mallapuram beat of Saptur Range

Total Area	=	0.37 Ha	Size of polybags	=	13x25cm = 250g
Seedlings Per ha	=	1000 Nos / Ha	Transplanting size of bags	=	30x45cm 600g
Number of Seedlings	=	370			
10 % Casualty	=	37			
Total Seedlings	=	407			

370 + 37 407 Nos.

Minimum rates of wages 2022-2023 475.75 /Day

Sl.No	Quantity	Unit	Name of Work	FSR /SSR	FSL	Rate	Per	unit	Amount
(1)	(2)	(4)	(5)	(6)		(7)	(8)	(9)	(10)
PART - I Small size bag - 13x25cm									
1	61.05	M ²	Preparation of Nursery site by clearing and leveling the site for forming ten standard beds of size of 10m x 1m.	4.1	2.42	1151.32	200	M ²	351.00
2	0.814	Kgs	Cost of Seeds	MTP M.E	-	200.00	1	Kg	163.00
3	407.00	Nos.	Cost of Polythene Bags 13 cmx 25 cm x 250G	Tender Rate	-	944.00	1000	Nos	384.00
4	2	M ³	Forming Germination beds of size 10m x 1m x 0.3 m by heaping the soil	PWD SSR Item No.62	-	84.00	1	M ³	168.00
5	0	M ³	Watering germination beds twice daily with rose cans for 15 days	4.5.1	0.82	390.12	10	Beds/Day	0.00
	15	Day							
6	0	M ³	Watering germination beds Once daily with rose cans for 15 days	4.5.2	0.41	195.06	10	Beds/Day	0.00
	15	Day							
7	407.00	Nos.	Collection and supply of sand, silt and red soil according to the requirement for preparation of soil mixture - 4/5 th of the total volume	MTP M.E	-	750.00	1	M ³	302.00
	0.403	M ³							
8	407	Nos.	Cost and transport (Collection and supply) of farm yard manure for filling bags - 1/5th of the total volume	MTP M.E	-	750.00	1	M ³	104.00
	0.138	M ³							
9	407	Bags	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, heaping at the filling site and filling in polythene bags arranging bags in beds and pricking out the seedlings (excluding cost of earth and farm yard manure)	4.6.4	4.48	2131.36	1000	Bags	867.00
10			Watering the container plants with rose cans watering regime as per the NHA1 ME approved by PCCF No.J1/57395/2003 dated:12.12.03						
a)	407		Watering the container plants twice daily with rose can (Water storage pits to be dug up within 10m-20m from beds) - 15 days	4.10.4	0.23	109.42	1000	Bags	668.00
	15								
b)	407	Nos	Watering the container plants once daily - 30 days	4.11.4	0.115	54.71	1000	Nos	668.00
	30	Day							
c)	407	Nos	Watering the container plants Alternate days - 15 days	4.11.4	0.115	54.71	1000	Nos	334.00
	15	Day							
11	407	Nos.	Cost of water for the Container seedlings from Private well in 60 Days	4.18.4	-	0.85	1000	Nos/ Day	21.00
	60	Day							
12	407	Bags	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 -1 shifts	4.15.4	0.51	242.63	1000	Shift	99.00
	1	Shift							
SUB - TOTAL (A)									4129.00
PART - II (Bags size 30 x 45 cm x 600 G)									
13	407	Nos	Cost of Polythene Bags 30cm x 45cm x 600G poly bags	Tender Rate 2020-2021	-	6549.00	1000	Nos	2665.00
14	3.757	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	1.00	M ³	2817.00

Sl.No	Quantity	Unit	Name of Work	FSR /SSR	FSL	Rate	Per	unit	Amount
15	0.940	M ³	Cost and transport of Farm yard manure for filling bags - 1/5th of the total volume	LR	-	750.00	1.00	M ³	705.00
16	407		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	13592.18	1000	Bags	5532.00
17	407 Nos		Cost of Vermicasting @ 35 gm per Seedlings	Morden Nursery Dharmapuri Rate		10.00	1	Kg	142.00
	0.035	Kg							
18	407 Nos		Cost of Azospirillum @ 6 gm per seedlings	Morden Nursery Dharmapuri Rate		27.00	1	Kg	66.00
	0.006	Kg							
19	407 Nos		Cost of Phospho Bacteria @ 6 gm per seedlings	Morden Nursery Dharmapuri Rate		27.00	1	Kg	66.00
	0.006	Kg							
20	407 Nos		Cost of VAM @ 15 gm per Seedlings	Morden Nursery Dharmapuri Rate		18.00	1	Kg	110.00
	0.015	Kg							
21	407	Nos	Labour cost for transplanting seedlings from 13 x 25 cm container bags into 30 x 45 cm containers - 10 Maz /1000	-	-	475.75	100	1 Maz / day	1936.00
22	407	Nos.	Cost of vertical strick (Casurina poles 5 cm -8 cm girth and 2.50 m height for each plants)	PWD SSR	--	17.50	1	Rm	17806
23	31	Nos.	Cost of horizontal strick (Casurina poles 5 cm -8 cm girth and 1.00 m height for each plants)	PWD SSR	--	17.50	1	Rm	543
24	407	Nos.	Tying plants to the vertical stick once in a month - 2 times	ME	--	0.40	1	Each/ time	326
25	407	Nos.	Pruning side branches once in 2 months - 2 times	ME	--	1.00	1	Each/ time	814
22	407	Nos	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)	407 Nos		Watering the container plants twice daily with rose can (Water storage pits to be dug up within 10m-20m from beds) - 60 days Watering	4.10.7	0.56	266.42	1000	Day	6506.00
	60	Day							
b)	407 Nos		Watering the container plants once daily for 150 days	4.11.7	0.28	133.21	1000	Day	8132.00
	150	Day							
23	407 Nos		Shiting the container plants once in 21 days- first shift after 45 days from the date of transplanting 1 times.	4.15.7	2.69	1279.77	1000	Shift	521.00
	1	Time							
24	LS		Contingencies such as application of pesticides panchakavya for erection of board etc. and creating awareness	LS					1218.00
			SUB - TOTAL (B)						49905.25
			TOTAL (A+B)						54034.25
						10 % Escalation for 2023-24			5403
						Raising cost for 28 seedlings			59437.68
						Cost for 1 seedlings			146.04

Specification:

The above estimate is prepared based on Madurai Circle FSR 2022-2023 and Model Estimate communicated by the PCCF, Chennai with ref. No. TS4/22483/2022 Dated 13.10.2022 all the above said the items are essentially required.

Forst Range officer
Saptur Range
Saptur

Deputy Director
Srivilliputtur - Megamalai Tiger Reserve
Srivilliputtur

ESTIMATE FOR PLANTING DURING 2024-25

Compensatory afforestation in degraded Forest for Diversion of 0.37 Ha in Kottamalai beat of Saptur RF in Saptur Range of Srivilliputtur - Megamalai Tiger Reserve, Srivilliputtur Division for Laying of OFC cable along the road side from Muthalamparai to Mallapuram vilage through Mallapuram beat of Saptur Range

Total Area = 0.37 Ha
Seedlings Per ha = 1000 Nos / Ha
Number of Seedlings 370
10 % Casuality 37
Total Seedlings 407

Size of polybags = 13x25cm = 250g
Transplanting size of bags = 30x45cm 600g

Minimum rates of wages 2022-2023 475.75 /Day

Sl. No	Quantity	Unit	Name of Work	FSR / SSR	FSL	Rate	Per	unit	Amount
(1)	(2)	(4)	(5)	(6)		(7)	(8)	(9)	(10)
1	370	Nos	Digging 60 CM3 pits in all types of soils for avenue - non-rainy season	5.8.1	9.26	4479.53	100	Nos	16574.00
2	37	Nos	Cost of transport of poultry manure each plant 500 grams	LR	-	2.5	1	Kg	46.00
3	25	Nos	Application of poultry manure @500g per plant by mixing in the pit before planting 1 mazdoor	LR	-	2	1	No	25.00
4	370	Nos	Transporting saplings (transported to the radius of 40 Km) excluding loading and unloading	MTP M.E	-	7	1	No	2590.00
5	370	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	5.11.7	3.29	1591.54	1000	Nos	589.00
6	370	Nos	Distribution of container seedlings in the site container plants upto 200 Mts	5.16.2	30	14512.5	1000	Nos	5370.00
7	370	Nos	Planting the container seedlings by refilling the pits of size 60 cm ³	5.22	1.71	827.21	100	Nos	3061.00
8	370	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	-	3066.97	100	Nos	11348.00
9	370	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	5.24	1.23	595.01	100	Nos	2202.00
10	17	Days	Watering the planted seedlings once in a week during summer / non-rainy season from December to March @ one mazdoor for 200 plants / watering day (17 watering days)	NHAI M.E	-	475.75	200	Nos/Day	14962.00
11	125800	Ltrs	Cost of water @ 20 liters per seedlings December to March 4 months) at the rate once in a week (20 x 470 x 17)	NHAI M.E	-	1200	12000	Ltrs	12580.00
12	120	Days	Engaging protection mazdoor @ 1 mazdoor / 1000 plants from December to March @ 25/days / month December to march	FSR 2022-2023	-	475.75	1000	Plants/Maz/day	21123.00
13	2	Km	Brushwood fencing utilizing the cut materials obtained from the plantation area			360	1	Km	720.00
14	370	Nos	Forming catchwater drains for each plant of 90x45x30cm size in hillocks and hard gravelly soil	FSR	6.84	3308.85	100	Nos	12243.00
15	1	Nos	Erecting Display Stainless steel Boards depicting the work at the plantation area depending on site requirements	FSR	-	50000	1		50000.00
16	370	Nos	Erecting boundary stones (0.15x0.15x2.1Ml) all around the plantation as station pillars to demarcate the plantation boundary	PWD SOR. SI.No.41, Sch Item No.29a & SI.No.22, Sch Item No.22	-	545	1	Nos	201650.00

Sl. No	Quantity	Unit	Name of Work	FSR / SSR	FSL	Rate	Per	unit	Amount
17	2	Km	Clearing fireline to a width of 3 mt around the plantation	FSR	17.4.6	8306.6	1	Km	16613.00
18	LS		Photos & Documentations etc.,	LS	-				1500.00
								Total	373196.00
			For the year of 2023-2024 (with 10 % escalation)					10%	37319.60
									410515.60
			For the year of 2024-2025 (with 10 % escalation)					10%	41051.56
			TOTAL						451567.16
			Cost of planting per seedlings						1220.45

Specification

The above estimate is prepared based on Madurai Circle FSR 2022-2023 and Model Estimate communicated by the PCCF, Chennai with ref. No. TS4/22483/2022 Dated 13.10.2022 all the above said the items are essentially required.

Deputy Director
Srivilliputtur - Megamalai Tiger Reserve
Srivilliputtur

Forest Range officer
Saptur Range
Saptur

Compensatory afforestation in degraded Forest for Diversion of 0.37 Ha in Kottamalai beat of Saptur RF in Saptur Range of Srivilliputtur - Megamalai Tiger Reserve, Srivilliputtur Division for Laying of OFC cable along the road side from Muthalamparai to Mallapuram vilage through Mallapuram beat of Saptur Range

Number of Seedlings = 370+37=407

Planting Area = 0.377 Ha

370 + 37 = 407 Nos.

Minimum rates of wages 2022-23 Madurai District (CF, Madurai Ref.No:D1/6197/2022, Dt 26.04.2022) = 475.75 /Day

SI.No	Quantity	Unit	Name of Work	FSR /SSR	FSL	Rate	Per	unit	Amount
(1)	(2)	(4)	(5)	(6)		(7)	(8)	(9)	(10)
PART - A - 13 x 25 cm - Small size									
1	61.05	M ²	Preparation of Nursery site by clearing and leveling the site for forming ten standard beds of size of 10m x 1m.	4.1	2.42	1151.32	200	M ²	351.00
2	0.814	Kgs	Cost of Seeds	MTP M.E	-	200.00	1	Kg	163.00
3	517.00	Nos.	Cost of Polythene Bags 13 cmx 25 cm x 250G	Tender Rate	-	944.00	1000	Nos	488.00
4	2.0	M ³	Forming Germination beds of size 10m x 1m x 0.3 m by heaping the soil	PWD SSR Item No.62	-	84.00	1	M ³	168.00
5	0.1	M ³	Watering germination beds twice daily with rose cans for 15 days	4.5.1	0.82	390.12	10	Beds/Day	59.00
6	0.1	M ³	Watering germination beds Once daily with rose cans for 15 days	4.5.2	0.41	195.06	10	Beds/Day	29.00
7	407.00	Nos.	Collection and supply of sand, silt and red soil according to the requirement for preparation of soil mixture - 4/5 th of the total volume	MTP M.E	-	750.00	1	M ³	302.00
8	0.403	M ³	Cost and transport (Collection and supply) of farm yard manure for filling bags - 1/5th of the total volume	MTP M.E	-	750.00	1	M ³	104.00
9	407	Bags	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, heaping at the filling site and filling in polythene bags arranging bags in beds and pricking out the seedlings (excluding cost of earth and farm yard manure)	4.6.4	4.48	2131.36	1000	Bags	867.00
10			Watering the container plants with rose cans watering regime as per the NHA1 ME approved by PCCF No.J1/57395/2003 dated:12.12.03						
a)	407		Watering the container plants twice daily with rose can (Water storage pits to be dug up within 10m-20m from beds) - 15 days	4.10.4	0.23	109.42	1000	Bags	668.00
b)	407	Nos	Watering the container plants once daily - 30 days	4.11.4	0.115	54.71	1000	Nos	668.00
c)	407	Nos	Watering the container plants Alternate days - 15 days	4.11.4	0.115	54.71	1000	Nos	334.00
11	407	Nos.	Cost of water for the Container seedlings from Private well in 60 Days	4.18.4	-	0.85	1000	Nos/ Day	21.00
12	407	Bags	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 -1 shifts	4.15.4	0.51	242.63	1000	Shift	99.00
			SUB TOTAL (A)						4321.00
PART - II (Bigger size 30 x 45 cm x 600 G)									
13	407	Nos	Cost of Polythene Bags 30cm x 45cm x 600G poly bags	Tender Rate	-	6549.00	1000	Nos	2665.00
14	3.757	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	1.00	M ³	2817.00
15	0.940	M ³	Cost and transport of Farm yard manure for filling bags - 1/5th of the total volume	LR	-	750.00	1.00	M ³	705.00

SI.No	Quantity	Unit	Name of Work	FSR / SSR	FSL	Rate	Per	unit	Amount
16	407		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	13592.18	1000	Bags	5532.00
17	407 Nos 0.035 Kg		Cost of Vermicasting @ 35 gm per Seedlings	Morden Nursery Dharmapuri Rate		10.00	1	Kg	142.00
18	407 Nos 0.006 Kg		Cost of Azospirillam @ 6 gm per seedlings	Morden Nursery Dharmapuri Rate		27.00	1	Kg	66.00
19	407 Nos 0.006 Kg		Cost of Phospho Bacteria @ 6 gm per seedlings	Morden Nursery Dharmapuri Rate		27.00	1	Kg	66.00
20	407 Nos 0.015 Kg		Cost of VAM @ 15 gm per Seedlings	Morden Nursery Dharmapuri Rate		18.00	1	Kg	110.00
21	407 Bags		Labour cost for transplanting seedlings from 13 x 25 cm container bags into 30 x 45 cm containers - 10 Maz /1000	-	-	475.75	100	1 Maz / day	1936.00
22	370 Nos.		Cost of vertical strick (Casurina poles 5 cm -8 cm girth and 2.50 m height for each plants)	PWD SSR	--	17.50	1	Rm	16188
23	200 Nos.		Cost of horizontal strick (Casurina poles 5 cm -8 cm girth and 1.00 m height for each plants)	PWD SSR	--	17.50	1	Rm	3500
24	370 Nos.		Tying plants to the vertical stick once in a month - 2 times	ME	--	0.40	1	Each/ time	296
25	370 Nos.		Pruning side branches once in 2 months - 2 times	ME	--	1.00			740
26	407 Nos		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)	407 Nos 60 Day		Watering the container plants twice daily with rose can (Water storage pits to be dug up within 10m-20m from beds) - 60 daysWatering	4.10.7	0.56	266.42	1000	Day	6506.00
b)	407 Nos 150 Day		Watering the container plants once daily for 150 days	4.11.7	0.28	133.21	1000	Day	8132.00
27	407 Nos 1 Time		Shiting the container plance once in 21 days- first shift after 25 days from the date of transplanting 1 times.	4.15.7	2.69	1279.77	1000	Shift	521.00
28	LS		Contingencies such as application of pesticides panchakavya for erection of board etc. and creating awareness	LS					611.00
			SUB TOTAL (B)						50532.50
			TOTAL (A) + (B)						54853.50
			For the year of 2023-2024 (with 10 % escalation)					10%	5485.35
			TOTAL						60338.85
			For the year of 2024-2025 (with 10 % escalation)					10%	6033.89
									66372.74
								Cost of seedligns per No.	163.08

Specification:

The above estimate is prepared based on Madurai Circle FSR 2022-2023 and Model Estimate communicated by the PCCF, Chennai with ref. No. TS4/22483/2022 Dated 13.10.2022 all the above said the items are essentially required.

Deputy Director
Srivilliputtur - Megamalai Tiger Reserve
Srivilliputtur

Forest Range Officer
Saptur Range
Saptur

Compensatory afforestation in degraded Forest for Diversion of 0.37 Ha in Kottamalai beat of Saptur RF in Saptur Range of Srivilliputtur - Megamalai Tiger Reserve, Srivilliputtur Division for Laying of OFC cable along the road side from Muthalamparai to Mallapuram vilge through Mallapuram beat of Saptur Range

Number of Seedlings
Planted = 370

Casualty replacement 10 % 37

Total 407

Minimum rates of wages 2022-23 Madurai District (CF, Madurai Ref.No:D1/6197/2022, Dt 26.04.2022) = 475.75 /Day

SI.No	Quantity	Unit	Name of Work	FSR /SSR	FSL	Rate	Per	unit	Amount
(1)	(2)	(4)	(5)	(6)		(7)	(8)	(9)	(10)
A. NURSERY OPERATION									
1	370	Nos	Raising cost of seedlings in 30x45 size polythene bags as per nursery estimate			146.04	Each	No	54034
B. PLANTING OPERATION									
2	370	Nos	Cost fo transport fo poultry manure each plant 500 grams	LR	-	2.5	1	Kg	463.00
	0.5	Kg							
3	370	Nos	Application of poultry manure @500g per plant by mixing in the pit before planting 1 mazdoor	LR	-	2	1	No	370.00
	0.5	Kg							
4	370	Nos	Transporting saplings (transported to the radius of 40 Km) excluding loading and unloading	MTP M.E	-	7	1	No	2590.00
5	370	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	5.11.7	3.29	1591.54	1000	Nos	589.00
6	370	Nos	Distribution of container seedlings in the site container plants upto 200 Mts	5.16.2	30	14272.5	1000	Nos	5281.00
7	37	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		2504.55	100	Nos	927.00
8	370	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	5.24	1.23	595.01	100	Nos	2202.00
9	370	Nos	Watering the planted seedlings once in a week during summer / non-rainy season from December to March @ one mazdoor for 200 plants / watering day (17 watering days)	NHAI M.E	-	475.75	200	Nos/Day	14962.00
	17	Days							
10	125800	Ltrs	Cost of water @ 20 liters per seedlings December to March 4 months) at the rate once in a week (20 x 47 x 17)	NHAI M.E	-	1200	12000	Ltrs	12580.00
11	LS		Contingency for specific treatments required etc.,	LS	-				817.00
TOTAL									94815

1st Year maintenance- Planting and maintenance cost of seedlings with 30% escalation for 2nd year

28444.58

123259.83

cost of planting per seedling

4930.39

Deputy Director
Srivilliputtur - Megamalai Tiger Reserve
Srivilliputtur

Forest Range officer
Saptur Range
Saptur

ESTIMATE FOR SECOND YEAR ESTIMATE DURING 2026-27

Compensatory afforestation in degraded Forest for Diversion of 0.37 Ha in Kottamalai beat of Saptur RF in Saptur Range of Srivilliputtur - Megamalai Tiger Reserve, Srivilliputtur Division for Laying of OFC cable along the road side from Muthalamparai to Mallapuram village through Mallapuram beat of Saptur Range

No.of seedlings to be Maintenance during 2025-26 =					370	Nos			
Minimum rates of wages 2022-23 Madurai District (CF,Madurai Ref.No:D1/6197/2022, Dt 26.04.2022) =							475.75	Day	
SI.No	Quantity	Unit	Name of Work	FSR /SSR	FSL	Rate	Per	unit	Amount
(1)	(2)	(4)	(5)	(6)		(7)	(8)	(9)	(10)
1	370	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	595.01	100	Nos	2202
2	370	Nos	Cost of Bio Fertilizers including cost of application Vermi-campose 1 kg,Bio fertilizer 100 gms VAM 100 Gms	NHAI ME	-	7.70	1	Kg	2849
3	222000	Ltrs	Cost of water @ 20 liter per seedlings 30 watering days (47x20x30= 28200 Lts)	NHAI ME	-	1200.00	12000	Lts	22200
4	370	Nos	Watering the plants once in 6 days (excluding rainy days) from April to June & January to March @ one mazdoor for 200 plants/watering day - (15+15 = 30 watering days)	4.11.7	0.28	483.75	200	Shift	26848
5	LS		Contingencies and unforeseen expenditure to be restricted to as per actuals.	LS					430
								TOTAL	54529
Add 40% of Escalation									21812
Total Prorata 2nd year maintenance									76341
				Cost of 2nd year maintenance per seedlings					206.33

Specification:

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Deputy Director
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Srivilliputtur

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Saptur

MODEL ESTIMATE FOR THIRD YEAR MAINTENANCE DURING 2027-28									
No.of seedlings to be Maintenance during 2024-2025 =				370	Nos				
Minimum rates of wages 2022-23 Madurai District (CF,Madurai Ref.No:D1/6197/2022, Dt 26.04.2022) =								475.75	Day
SI.No	Quantity	Unit	Name of Work	FSR /SSR	FSL	Rate	Per	unit	Amount
(1)	(2)	(4)	(5)	(6)		(7)	(8)	(9)	(10)
1	370	Nos	Scrapping 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	595.01	100	Nos	2202
2	370	Kgs	Cost of Bio Fertilizers including cost of application Vermi-camposse 1 kg,Bio fertilizer 100 gms VAM 100 Gms	NHAI ME	-	7.70	1	Kg	2849
3	222000	Ltrs	Cost of water @ 20 liter per seedlings 30 waterig days (25x20x30= 1536000Lts)	NHAI ME	-	1200.00	12000	Lts	22200
4	370	Nos	Watering the plants once in 6 days (excluding rainy days) from April to June & January to March @ one mazdoor for 200 plants/watering day	4.11.7	0.28	483.75	200	Shift	26848
6	LS		Contingencies and unforeseen expenditure to be restricted to as per actuals.			LS			430
								TOTAL	54529
								Add 50% of Escalation	27265
								Total Prorata 3rd year maintenance	81794
								Cost of 3rd year maintenance per seedlings	221.06

Specification:

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MODEL ESTIMATE FOR 4th YEAR MAINTENANCE DURING 2028-29

No.of seedlings to be Maintenance during 2025-26 =					370	Nos			
Minimum rates of wages 2022-23 Madurai District (CF,Madurai Ref.No:D1/6197/2022, Dt 26.04.2022) =								475.75	Day
SI.No	Quantity	Unit	Name of Work	FSR /SSR	FSL	Rate	Per	unit	Amount
(1)	(2)	(4)	(5)	(6)		(7)	(8)	(9)	(10)
1	370	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	5.24	1.23	595.01	100	Nos	2202.00
2	L.S		Contingencies for unforeseen expenditure		L.S				180.00
			TOTAL						2382.00
Add 60% of Escalation									1429
Total Prorata 5th year maintenance									3811
Cost of 5th year maintenance per seedlings									10.30

Specification:

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ESTIMATE FOR 5th YEAR MAINTENANCE DURING 2029-2030

No.of seedlings to be Maintenance during 2026-27					370	Nos			
Minimum rates of wages 2022-23 Madurai District (CF, Madurai Ref.No:D1/6197/2022, Dt 26.04.2022) =							475.75	Day	
SI.No	Quantity	Unit	Name of Work	FSR /SSR	FSL	Rate	Per	unit	Amount
(1)	(2)	(4)	(5)	(6)		(7)	(8)	(9)	(10)
1	370	Nos	Scrap weeding for 1 mt dia and soil working 50cm depth around the plants	5.24	1.23	595.01	100	Nos	2202.00
2	L.S		Contingencies for unforeseen expenditure		L.S				200.00
			TOTAL						2402.00
Add 70% of Escalation									1681
Total Prorata 5th year maintenance									4083
Maintenance per seedlings									11.04

Specification:

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MODEL ESTIMATE FOR 6th YEAR MAINTENANCE DURING 2030-31

No.of seedlings to be Maintenance during 2029-30 =				370	Nos				
Minimum rates of wages 2022-23 Madurai District (CF,Madurai Ref.No:D1/6197/2022, Dt 26.04.2022) =								475.75	Day
SI.No	Quantity	Unit	Name of Work	FSR /SSR	FSL	Rate	Per	unit	Amount
(1)	(2)	(4)	(5)	(6)		(7)	(8)	(9)	(10)
1	370	Nos	Scrap weeding for 1 mt dia and soil working 50cm depth around the plants	5.24	1.23	595.01	100	Nos	2202
2	L.S		Contingencies for unforeseen expenditure		L.S				200
			TOTAL						2402
Add 80% of Escalation									1922
Total Prorata 6th year maintenance									4324
Add 10% of escalation for 7th year									432
Total Prorata 7th year maintenance									4756
Add 10% of escalation for 8th year									476
Total Prorata 8th year maintenance									5232
Add 10% of escalation for 9th year									523
Total Prorata 9th year maintenance									5755
Add 10% of escalation for 10th year									575
Total Prorata 10th year maintenance									6330

Specification:

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Forest Range officer
Saptur Range
Saptur

Deputy Director
Srivilliputtur - Megamalai Tiger Reserve
Srivilliputtur