

Annexure - I

Sl. No	Details	Amount
1.	Raising Compensatory Plantation (Nursery and Planting) 68,600+581200	6,49,800.00
2.	I Year maintenance	1,91,400.00
3.	II Year Maintenance	1,78,625.00
4.	III Year maintenance	1,87,892.00
5.	IV Year maintenance	7,102.00
6.	V Year maintenance	7,812.00
7.	VI Year maintenance	8,593.00
8.	VII Year maintenance	9,452.00
9.	VIII Year maintenance	10,397.00
10.	IX Year maintenance	11,437.00
11.	X Year maintenance	12,581.00
12.	Soil and Moisture conservation works	11,125.00
13.	Total	12,86,216

Sd/- Abhishek Tomar,
District Forest Officer.
Thoothukudi Division.
Thoothukudi

/True copy/by Order/


Superintendent


8/9/21

Model Estimate for Raising Compensatory Afforestation Nursery works in Salikulam RF of Thoothukudi Range, Thoothukudi division

Size of Bags - 13X25 cm and 30X45 cm

No. of Seedlings 840 Nos
Casualty 10% - 84 Nos
Total 924 Nos

Sl. No	Name of the work	FSR/ SSR	Quantity		Rate	Per		Amount
1	PART - I <u>Small size bags 13x25 cm</u> Preparation of nursery site by clearing and levelling the site for forming standard bed of size 10m x 1m	FSR 2021-22 4.1	126	m ²	1113.81	200	m ²	701.70
2	Cost of 13 x 25cm x 250G Poly bags(Including GST)	2020- 21 Tender Rate	924	Nos	932.00	1000	Nos	861.17
3	Cost of seeds	MTP ME	1.680	Kg	150.00	1	Kg	252.00
4	Formation of germination beds of size 10m x 1m x 0.3 by heaping the soil	NHAI ME	1	m ³	61.10	1	m ³	61.10
5	Watering the germination beds twice daily with rose cans for 15days.	FSR 2021-22 4.5.1	1	bed	377.41	10	bed/ days	566.12
6	Watering the germination beds once daily with rose cans for 15 days.	FSR 2021-22 4.5.2	1	bed	188.70	10	bed / days	283.05
7	Collection & 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	0.992	cu.m	750.00	1	cu.m	744.03
8	Cost and Transport of farmyard manure for filling bags -1/5 th of the total volume.	MTP M.E	0.2439	cu.m	750.00	1	cu.m	182.95
9	Preparation of soil mixture by breaking clods, sieving, mixing red soil, silt, sand according to requirement and farmyard manure in the ratio 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)	FSR 2021-22 4.6.4	924	nos	2061.92	1000	nos	1905.21
10	Watering the container Plants with rose cans watering regime as per the NHAIME approved in PCCF's ref. No.(JI/57395/2003. Dt:12.12.2013)							
a.	Twice daily - 15 days	FSR 2021-22 4.10.4	924	nos	105.86	1000	nos/ days	1467.22
b.	Once daily - 30 days	FSR 2021-22 4.11.4	924	nos / days	52.93	1000	nos / days	1467.22

Sl. No	Name of the work	FSR/ SSR	Quantity		Rate	Per		Amount
c.	Alternate days- 15 days	FSR 2021-22 4.11.4	924	nos	52.93	1000	nos/ days	733.61
11	Cost of water for watering the container seedlings from private wells -60 days	NHAI ME	924	nos	0.85	1000	nos/ days	47.12
12	Shifting the container plants, weeding and grading and replacement of casualties in the bags shifting to done once in 21 days. First shifting not before 45 days after 45 days after pricking out 2 shifts.	FSR 2019-20 4.15.4	924	/ 2 shift	234.73	1000	/days	433.78
	PART -A -Total							7366.11
								7366.00
	PART -2 Bigger size bags : 30x45 cm x 400G							
13	Cost of 30x45cm x 400G poly bags. (Including GST)	2018-19 Tender Rate	924	nos	6549.00	1000	nos	6051.28
14	Collection and Supply of sand, silt and red soil according to the requirement for preparation of soil mixture – 4/5 of the total Volume (excluding the volume of earth in 13x25cm container)	MTP M.E	8.53	m3	750.00	1	m3	6397.50
15	Cost and Transport of farmyard manure for filling bags – 1/5 th of the total volume.	MTP ME	2.142	m3	750.00	1	m3	1606.50
16	Preparation of soil mixture by breaking clods, sieving, mixing red soil, silt, sand according to requirement and farmyard manure in the ratio of 4:1 heaping at the filling site and filling poly bags, arranging bags in beds and pricking out the seedlings (excluding cost of soil mixture and FYM)	FSR 2021-22 4.6.7	924	nos	13149.34	1000	nos	12149.99
17	Cost of Vermicasting @35 gm per seedlings.	MND Dharmapur i Rate	32.34	kg	10.00	1	kg	323.40
18	Cost of Azospirillum@ 6gm per seedlings	MND Dharmapur i Rate	5.544	kg	27.00	1	kg	149.69
19	Cost of Phospo bacteria at 6 gm per seedlings	MND Dharmapur i Rate	5.544	kg	27.00	1	kg	149.69
20	Cost of VAM at 15gm per seedlings	MND Dharmapur i Rate	13.86	kg	18.00	1	kg	249.48
21	Labour cost for Transplanting seedlings from 13x25 cm bags into 30X45 cm containers 10Maz/1000 nos	FSR 2021- 22 wages Rate	9.24	maz	460.25	10	maz /1000 nos	4252.71

Sl. No	Name of the work	FSR/ SSR	Quantity		Rate	Per		Amount
22	Cost of vertical stick of size 2.5 mt ht	MTP ME	924	nos	6.00	1	no	5544.00
23	Tying plants to the vertical stick once in month – 2 times	MTP ME	924	nos/2 times	0.20	1	nos/2 times	369.60
24	Cost of horizondal sticks	MTP ME	462.00	nos	1.00	1	no	462.00
25	Pruning side branches once in 2 months – 2 times	MTP ME	924	nos/2 times	1.00	1	nos/2 times	1848.00
26	Watering the container plants Twice daily – 60 days	FSR 2021-22 4.10.7	924	nos	257.74	1000	nos/days	14289.11
27	Shifting the container 21 days. First shift after 45 days from the date of transplanting – 1 time.	FSR 2021-22 4.15.7	924	nos /2 shift	1238.07	1000	nos/shift	2287.95
28	Cost of water for watering the container seedlings from private wells - 60 days	MTP ME	924	nos	3.20	1000	nos/days	177.41
29	Nursery Protection mazdoors 1 nos / 20000nos of 30x45 bags – 120 days	FSR 2021-22 wages rate	924	nos / 120 days	460.25	20000	nos/days	2551.63

PART B- Total								58859.94
Grand Total (part -A + Part B)								67366.94
30	Contingencies for Purchase of pesticides Neem cake etc., for Nursery documentation works.	LS	--		--	--		1233.06

68600.00

Specification

This Estimate has prepared based on the NHAI Model Estimate 2018-19 and the Model Estimate received from The Principal Chief Conservator of Forests, Chennai,
Ref.no:JP1/5218/2018,dt.18.09.2018(NHAI)

2/15
District Forest Officer
Thoothukudi Forest Division
Thoothukudi

6/11/21
12.1.21

Model Estimate for Raising Compensatory Afforestation Plantation in Salikulam RF of Thoothukudi Range.Thoothukudi division

Size of bag : 30x 45cm X 400 g

No of Seedlings planted 840

Wages Rate: Rs.460.25

10% casualty 84
924

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	Digging of 60Cm ³ pits in all types of soil for avenue plantations in Non-rainy season	FSR 2021-22 5.8.2	840	Nos	3553.13	100	29846.29
2	Collection and supply of farmyard manure 1/3 of the pit (0.60X0.60X0.20X840) = 1.44m ³	NHAI ME	60.48	m ³	750.00	1	45360.00
3	Application charges for farmyard manure for 60cm ³ @ 1Maz/38 nos	FSR 2021-22 -wages rate	22.10	m ³	460.25	1	10171.53
4	Collection and supply of sandsilt and redsoil according to the requirement 1/3 of the pit(0.60X0.60X0.20X840) 1.44m ³	NHAI ME	60.48	m ³	750.00	1	45360.00
5	Cost of Vermicompost 1Kg/Plant	MTP ME	840	kgs	10.00	1	8400.00
6	Cost of VAM 100gm/Plant	MTP ME	84	kgs	18.00	1	1512.00
7	Cost of Azospirillum 12.5gm/Plant	MTP ME	10.50	Kg	27.00	1	283.50
8	Cost of Phospobacteria 12.5gm/Plant	MTP ME	10.50	Kg	27.00	1	283.50
9	Transporting saplings(Transported to the radius 40kms) Excluding loading and unloading	MTP ME	924	nos	7.00	1	6468.00
10	Loading and unloading the polythene container seedlings in Private/departmental vehicles (Excluding hire charges)	FSR 2021-22 5.11.7	924	Nos	1514.22	1000	1399.14
11	Distribution of saplings from where seedlings are stocked to the planting spot upto 100 mtrs	FSR 2021-22 5.15.1	924	Nos	4602.50	1000	4252.71
12	Planting the container seedlings by refilling the pits of size 60cm in avenue.	FSR 2021-22 5.22	840	Nos	787.03	100	6611.05
13	Replacement of casualties(10% of the totla plants)by re-opening the failed pits and planting the container plants and refilling 1/2 rate full rate of planting.	FSR 2021-22 5.23	84	Nos	2563.60	100	2153.42
14	Mulching the planted seedlings at 100 gms coconut coir pith per pit.	NHAI ME	840	Nos	2.00	1	1680.00
15	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.	FSR 2021-22 5.24	840	Nos	566.11	100	4755.32

Sl. No.	Name of work	FSR / SSR item No.	Quantity	Unit	Rate	Per	Amount
16	Provision of vertical casuarina poles to the planted seedlings 2.50mtr ht per plant.	NHAI ME	2100	mtr	18.00	1	37800.00
17	Watering the plants in 5 times/month /non rainy period @ one mazdoor for 200 /15 watering days	FSR 2021-22 Wages	840	Nos	460.25	200	28995.75
18	Cost of water @ 20 liters per seedlings 3 months -15 watering days 20x840x15=252000 liters	MTP ME	252000	Lts	1200.00	12000	25200.00
19	Transport of Bio-fertilizer	NHAI ME					30.00
20	Kiluvai fencing around the plants to adia of 1 m and height of 1m	FSR 2021-22 5.36	840	Nos	368.20	1 no	309288.00
21	Contigencies for application of pesticides etc, and unforeseen iitems (Total Cost >*2%)	L.s					11350.00
	Total						581200.00

Specification.

1) This Estimate prepared based on the NHAI Model Estimate 2018-19 received from The Principal Chief Conservator of Forests, Chennai, Ref.no:JP1/5218/2018,dt.18.09.2018(NHAI)

2) Rates are adopted as per the FSR -2021-22

3) Item No. 20 of Kiluvai fencing is proposed as the Vallanadu RF is having sizeable population herbivors such as blackbucks, spotted deer, sampar deer apart from the presence of the feral cattle (cows) of 500 Nos

3/15

District Forest Officer
Thoothukudi Forest Division
Thoothukudi

6/16/21

18.6.21

Model Estimate for 1st year maintenace of 30x45 cm Taller Seedlings in Thoothukudi Range

Size of bag : 30 x 45 cm X 400g

No of Seedlings 840

Wages Rate: Rs.460.25

(10% casuality) 84

924

Sl. No.	Name of work	FSR / SSR item No.	Quantity	Unit	Rate	Per	Amount
1	2	3	4	5	6	7	8
1	Cost of Seedlings	As per ME	84	Nos	109.00	1	9156.00
1	Transport of container seedlings 30X45 cm in private vehicles upto a lead of 40kms excluding loading and unloading charges	MTP ME	84	Nos	7.00	1 no	588.00
2	Loading & Unloading the container seedlings (30X45 cm) in private lorry upto a lead of 2Kms excluding hire charges for the vehicles)	FSR 2021-22 5.11.7	84	Nos	1514.22	1000	127.19
3	Distribution of seedlings from where seedlings are stocked to the planting spot up to 100mts						
a	Up to 100 m	FSR 2021-22 5.15.1	84	Nos	4602.50	1000	386.61
4	Replacement of casualites by reopening failed pits and planting the seedlings	FSR 2021-22 5.23	84	nos	2563.60	100	2153.42
5	Scraping for 1 m dia and soil working 15 cm depth around each plants and removing the grass roots away from site of upturning the soil	FSR 2021-22 5.24	840	Nos	566.11	100	4755.32
6	Watering the plants in 5 days per month / from April to March (except Oct, Nov, Dec 9 months) @ one mazdoor for 200 plants / watering day (45 watering days)	MTP ME	840	Nos	418.40	200	79077.60
7	Cost of water @ 20 liters per seedlings (45 watering days) at the rate once in 6 days - 20x840x45=756000 liters	MTP ME	756000	lrs	1200.00	12000	75600.00
8	Contigencies for application of pesticides etc, and unforeseen	L.s					2155.86
	Total						174000.00

10% FSR escalation 2022-2023

17400.00

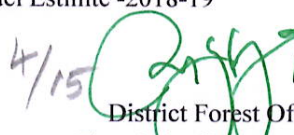
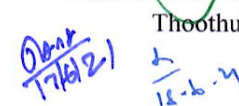
Total

191400.00

Specification:

1) This estimate has been prepared based on the NHA Model Estimate -2018-19

2) Rates are adopted as per the FSR 2021-22


 District Forest Officer
 Thoothukudi Forest Division
 Thoothukudi


**Model Estimate for II year Maintenance of 30x45 cm Taller Seedlings under CAMPA
in Thoothukudi Range**

No of seedlings **840** Nos




Wages Rate: Rs.460.25

Sl. No.	Name of work	FSR / SSR item No.	Quantity	Unit	Rate	Per	Amount
1	2	3	4	5	7	8	9
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.	FSR 2021-22 5.24	840	Nos	566.11	100	4755.32
2	Watering the plants in 5 days per month / from April to March (except Oct, Nov, Dec- 9 months) @ one mazdoor for 200 plants / watering day (45 watering days)	MTP ME	840	Nos	418.40	200	79077.60
3	Cost of water @ 20 liters per seedlings for 28 days (840x20x45=756000 liters)	MTP ME 2017-18	756000	lrs	1200.00	12000	75600.00
4	Contingencies for application of pesticides etc, and unforeseen items (Total Cost >*2%)	L.s					2567.08
	Total						162000.00
			10% FSR Escalation 2022-23				16200.00
							178200.00
			10% FSR Escalation 2023-24				425.00
			Total				178625.00

Specification:

This Estimate prepared based on the NHA Model Estimate 2018-19 received from The Principal Chief Conservator of Forests, Chennai, Ref.no:JP1/5218/2018,dt.18.09.2018(NHA)

2) Rates are adopted as per the FSR 2021-22

5/15

District Forest Officer
Thoothukudi Forest Division
Thoothukudi



**Model Estimate for III year Maintenance of 30x45 cm Taller Seedlings under CAMPA
in Thoothukudi Range**

No of seedlings

840

Wages Rate:



Rs.460.25

Sl. No.	Name of work	FSR / SSR item No.	Quantity	Unit	Rate	Per	Amount
1	2	3	4	5	7	8	0
1	Watering the plants in the 5 days per month from April to March (except Oct, Nov, Dec 9 months) @ one mazdoor for 50 plants / watering day (45 watering days)	FSR 2021-22 Wages	840	Nos/ day	460.25	200	86987.25
2	Cost of water @ 20 liters per seedlings for 28 days (20 x840 x 45 = 756000 litre)	MTP ME	756000	lrs	1200.00	12000	75600.00
3	Scrap weeding for 1 m dia and soil working 15 cm depth around each plant and removing the grass roots away from the site by upturning the soil	FSR 2021-22 5.24	840	Nos	566.11	100	4755.32
4	Unforeseen expenditure if any	LS					2657.43
	Total						170000.00
			10% FSR Escalation 2022-23				17000.00
							187000.00
			10% FSR Escalation 2023-24				425.00
							187425.00
			10% FSR Escalation 2024-25				467.00
			Total				187892.00

Specification:

1) This Estimate prepared based on the NHAI Model Estimate 2018-19 received from The Principal Chief Conservator of Forests, Chennai, Ref.no:JP1/5218/2018,dt.18.09.2018(NHAI)

2) Rates are adopted as per the FSR 2021-22

6/15

 District Forest Officer
 Thoothukudi Forest Division
 Thoothukudi

 12/6/21
 12-6-21

**Model Estimate for IV year Maintenance of 30x45 cm Taller Seedlings under CAMPA
in Thoothukudi Range**


No of seedlings -840 nos

Wages Rate: Rs.460.25

Sl. No.	Name of work	FSR / SSR item No.	Quantity	Unit	Rate	Per	Amount
1	2	3	4	5	7	8	0
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.	FSR 2021-22 5.24	840	Nos	566.11	100	4755.32
2	Contingencies for application of pesticides etc, and unforeseen items (Total Cost >*2%)	L.s					94.68
	Total						4850.00
							(or)
							4850.00
					10% FSR Escalation 2022-23		485.00
							5335.00
					10% FSR Escalation 2023-24		534.00
							5869.00
					10% FSR Escalation 2024-25		587.00
							6456.00
					10% FSR Escalation 2025-26		646.00
					Total		7102.00

Specification:

This Estimate prepared based on the Rates are adopted as per the FSR 2021-22


 District Forest Officer
 Thoothukudi Forest Division
 Thoothukudi
 Date: 17/06/24
 15.6.24

Model Estimate for V year Maintenance of 30x45 cm Taller Seedlings under CAMPA in Thoothukudi Range

No of seedlings -840 nos

Wages Rate: Rs.460.25

Sl. No.	Name of work	FSR / SSR item No.	Quantity	Unit	Rate	Per	Amount
1	2	3	4	5	7	8	0
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.	FSR 2021-22 5.24	840	Nos	566.11	100	4755.32
2	Contingencies for application of pesticides etc, and unforeseen items (Total Cost >*2%)	L.s					94.68
	Total						4850.00
							(or)
							4850.00
							10% FSR Escalation 2022-23
							485.00
							5335.00
							10% FSR Escalation 2023-24
							534.00
							5869.00
							10% FSR Escalation 2024-25
							587.00
							6456.00
							10% FSR Escalation 2025-26
							646.00
							7102.00
							10% FSR Escalation 2026-27
							710.00
							Total
							7812.00

This Estimate prepared based on the

This Estimate prepared based on the Rates are adopted as per the FSR 2021-22


 District Forest Officer
 Thoothukudi Forest Division
 Thoothukudi
 8/15
 17/6/21

Model Estimate for VI year Maintenance of 30x45 cm Taller Seedlings under CAMPA in Srivaikundam Range


No of seedlings -840 nos

Wages Rate: Rs.460.25

Sl. No.	Name of work	FSR / SSR item No.	Quantity	Unit	Rate	Per	Amount
1	2	3	4	5	7	8	0
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.	FSR 2021-22 5.24	840	Nos	566.11	100	4755.32
2	Contingencies for application of pesticides etc, and unforeseen items (Total Cost >*2%)	L.s					94.68
	Total						4850.00
							(or)
							4850.00
							10% FSR Escalation 2022-23
							485.00
							5335.00
							10% FSR Escalation 2023-24
							534.00
							5869.00
							10% FSR Escalation 2024-25
							587.00
							6456.00
							10% FSR Escalation 2025-26
							646.00
							7102.00
							10% FSR Escalation 2026-27
							710.00
							7812.00
Estima							10% FSR Escalation 2027-28
							781.00
							Total
							8593.00

Specification:

This Estimate prepared based on the Rates are adopted as per the FSR 2021-22


 District Forest Officer
 Thoothukudi Forest Division
 Thoothukudi
 Date: 17/11/24
 12-10-24

Model Estimate for VII year Maintenance of 30x45 cm Taller Seedlings under CAMPA in Srivaikundam Range




No of seedlings -840 nos

Wages Rate: Rs.460.11

Sl. No.	Name of work	FSR / SSR item No.	Quantity	Unit	Rate	Per	Amount
1	2	3	4	5	7	8	0
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.	FSR 2021-22 5.24	840	Nos	566.11	100	4755.32
2	Contingencies for application of pesticides etc, and unforeseen items (Total Cost >*2%)	L.s					94.68
	Total						4850.00
							(or)
							4850.00
							10% FSR Escalation 2022-23
							485.00
							5335.00
							10% FSR Escalation 2023-24
							534.00
							5869.00
							10% FSR Escalation 2024-25
							587.00
							6456.00
							10% FSR Escalation 2025-26
							646.00
							7102.00
							10% FSR Escalation 2026-27
							710.00
							7812.00
Estima							10% FSR Escalation 2027-28
							781.00
							8593.00
							10% FSR Escalation 2028-29
							859.00
							Total
							9452.00

Specification:

This Estimate prepared based on the Rates are adopted as per the FSR 2021-22


 District Forest Officer
 Thoothukudi Forest Division
 Thoothukudi



Model Estimate for VIII year Maintenance of 30x45 cm Taller Seedlings under CAMPA in Thoothukudi Range

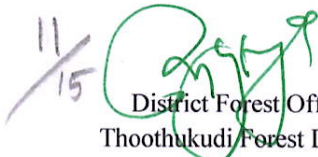
No of seedlings -840 nos

Wages Rate: Rs.460.25

Sl. No.	Name of work	FSR / SSR item No.	Quantity	Unit	Rate	Per	Amount
1	2	3	4	5	7	8	0
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.	FSR 2021-22 5.24	840	Nos	566.11	100	4755.32
2	Contingencies for application of pesticides etc, and unforeseen items (Total Cost >*2%)	L.s					94.68
	Total						4850.00
							(or)
							4850.00
							10% FSR Escalation 2022-23
							485.00
							5335.00
							10% FSR Escalation 2023-24
							534.00
							5869.00
							10% FSR Escalation 2024-25
							587.00
							6456.00
							10% FSR Escalation 2025-26
							646.00
							7102.00
							10% FSR Escalation 2026-27
							710.00
							7812.00
Estima							10% FSR Escalation 2027-28
							781.00
							8593.00
							10% FSR Escalation 2028-29
							859.00
							9452.00
							10% FSR Escalation 2029-30
							945.00
							Total
							10397.00

Specification:

This Estimate prepared based on the Rates are adopted as per the FSR 2021-22


 District Forest Officer
 Thoothukudi Forest Division
 Thoothukudi
 11/15
 17/1/21
 14.6.21

**Model Estimate for IX year Maintenance of 30x45 cm Taller Seedlings under CAMPA
in Thoothukudi Range**


No of seedlings -840 nos

Wages Rate: Rs.460.25

Sl. No.	Name of work	FSR / SSR item No.	Quantity	Unit	Rate	Per	Amount
1	2	3	4	5	7	8	0
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.	FSR 2021-22 5.24	840	Nos	566.11	100	4755.32
2	Contingencies for application of pesticides etc, and unforeseen items (Total Cost >*2%)	L.s					94.68
	Total						4850.00
							(or)
							4850.00
							10% FSR Escalation 2022-23
							485.00
							5335.00
							10% FSR Escalation 2023-24
							534.00
							5869.00
							10% FSR Escalation 2024-25
							587.00
							6456.00
							10% FSR Escalation 2025-26
							646.00
							7102.00
							10% FSR Escalation 2026-27
							710.00
							7812.00
Estima							10% FSR Escalation 2027-28
							781.00
							8593.00
							10% FSR Escalation 2028-29
							859.00
							9452.00
							10% FSR Escalation 2029-30
							945.00
							10397.00
							10% FSR Escalation 2030-31
							1040.00
							Total
							11437.00

Specification:

This Estimate prepared based on the Rates are adopted as per the FSR 2021-22

12/15

District Forest Officer
Thoothukudi Forest Division
Thoothukudi
6/11/21
11.6.21

Model Estimate for X year Maintenance of 30x45 cm Taller Seedlings under CAMPA in Srivaikundam Range


No of seedlings -840 nos

Wages Rate: Rs.460.25

Sl. No.	Name of work	FSR / SSR item No.	Quantity	Unit	Rate	Per	Amount
1	2	3	4	5	7	8	0
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.	FSR 2021-22 5.24	840	Nos	566.11	100	4755.32
2	Contingencies for application of pesticides etc, and unforeseen items (Total Cost >*2%)	L.s					94.68
	Total						4850.00
							(or)
							4850.00
							10% FSR Escalation 2022-23
							485.00
							5335.00
							10% FSR Escalation 2023-24
							534.00
							5869.00
							10% FSR Escalation 2024-25
							587.00
							6456.00
							10% FSR Escalation 2025-26
							646.00
							7102.00
							10% FSR Escalation 2026-27
							710.00
							7812.00
Estima							10% FSR Escalation 2027-28
							781.00
							8593.00
							10% FSR Escalation 2028-29
							859.00
							9452.00
							10% FSR Escalation 2029-30
							945.00
							10397.00
							10% FSR Escalation 2030-31
							1040.00
							11437.00
							10% FSR Escalation 2031-32
							1144.00
							Total
							12581.00

Specification:

This Estimate prepared based on the Rates are adopted as per the FSR 2021-22


 District Forest Officer
 Thoothukudi Forest Division
 Thoothukudi
 13/15
 08/11/21
 15.6.21

ESTIMATE FOR SOIL AND MOISTURE CONSERVATION WORKS
FORMATION OF STAGGERD CONTOUR TRENCHES IN VALLANADU RF IN SRIVAIKUNDAM RANGE
UNDER COMPENSATORY SCHEME

No.of Trenches to be formed one ha:

130Nos 0.84 ha = 109 nos

Name of the RF:

Salikulam

Interval of the contour line

6m

trench to trench

6M

ABSTRACT ESTIMATE

Sl.No	Name of the work	Quantity	Rate	Per	Amount
1	Earthwork excavation in all soils and full depth in the initial lead of 10m and initial lift of 2mtr (S.S.20B)	#### m ³	84.00	m ³	11124.96
					0.04
	Total				11125.00

SPECIFICATION AND REPORT:

- 1) The rates are provided as per The Standard Schedule of Rates with Basic Rates 2020-21 PWD SSR

14/15
District Forest Officer
Thoothukudi Forest Division
Thoothukudi
17/6/21
16.6.21

DETAILED ESTIMATE

SL No	Name of work	No's	length	Breadth	Depth	Contents
1	Earthwork excavation in all soils and full depth in the initial lead of 10m and initial lift of 2mt (S.S.20B)	109 X 1	6.00	0.45	0.45	132.44 m ³

15/15

District Forest Officer
Thoothukudi Forest Division
Thoothukudi

02/11/21

2/11/21