

COMPENSATORY AFFORESTATION SCHEME

Abstract model estimate for Rasing Compensatory Afforestation over an area of 2.00ha of degraded forest area during 2022-2023 under State CAMPA Scheme.

1	Compensatory Afforestation area (in ha)	2.00 ha
2	No. of seedlings proposed per ha	1000 Nos
3	No. of seedlings	2000 Nos
4	Add for 10% casualty replacement	200 Nos
Total		2200 Nos

Sl.No.	Details of work	Proposed amount (in Rs.)	Remarks
1	Raising nursery - 2200 Nos	2,95,000.00	1000 Nos of seedlings per ha has been proposed
2	Planting operation - 2000 seedlings	10,23,000.00	10% Weightage towards escalation of labour wage rate during 2023-2024
3	1 st year maintenance	5,82,000.00	20% Weightage towards escalation of labour wage rate during 2024-2025
4	2 nd year maintenance	4,26,400.00	30% Weightage towards escalation of labour wage rate during 2025-2026
5	3 rd year maintenance	4,59,200.00	40% Weightage towards escalation of labour wage rate during 2026-2027
6	4 th year maintenance	18,000.00	50% Weightage towards escalation of labour wage rate during 2027-2028
7	5 th year maintenance	19,800.00	60% Weightage towards escalation of labour wage rate during 2028-2029
8	6 th year maintenance	21,780.00	70% Weightage towards escalation of labour wage rate during 2029-2030
9	7 th year maintenance	23,960.00	80% Weightage towards escalation of labour wage rate during 2030-2031
10	8 th year maintenance	26,360.00	90% Weightage towards escalation of labour wage rate during 2031-2032
11	9 th year maintenance	29,000.00	100% Weightage towards escalation of labour wage rate during 2032-2033
12	10 th year maintenance	31,900.00	110% Weightage towards escalation of labour wage rate during 2033-2034
Total CA cost for 2.00ha		29,56,400.00	

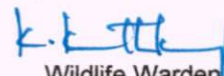
Prorata for 1.00ha area


14,78,200.00

(or)

14.780

lakhs


Wildlife Warden,
Hosur Forest Division,
Hosur.


27/06/2022

Model estimate for raising nursery for native tree species for Compensatory Afforestation over an area of 2.00ha of degraded forest area during 2022-2023 under State CAMPA Scheme.

(i) Size of poly bags	: 13x25x250G	Total Area	: 2.00 ha
(ii) Transplanting size of poly bags	30x45x600G	Seedlings per ha	: 1000 Nos.
(iii) Proposed espacement	: Gap planting	Total No. of seedlings	: 2000 Nos.
(iv) Species proposed for planting		Add for casualty 10%	: 200 Nos.
		Total	2200 Nos.

Labour rate for 2022-2023 : Rs. 475.75

Sl. No.	Qty.	Description of work	FSR. item No.	FSL	Rate per unit			Amount
(A)	PART-I Size of poly bags - 13x25x250G							
1	242.00 M ²	Preparation of nursery site by clearing and leveling the site for forming standard beds of 10m x 1m size. (110sq.m. / 1000 Nos.)	4.1	2.42	1,151.32	200	M ²	1,393.00
2	4.40 Kg	Cost of seeds (2kg / 1000 Nos)	LR		250.00	1	kg	1,100.00
3	2200.00 Nos.	Cost of 13x25x250G Polythene bags	Tender rate 2022-2023		775.00	1,000	No	1,705.00
4	7.00 M ³	Formation of germination bed of size 10mx1mx0.30m by heaping the soil (2500 No. per bed)	PWD SSR 2022-2023 (Item No.62)		106.25	1	M ³	744.00
5	1 Bed / 15 days	Watering the germination beds twice daily with the rose can for 15 days.	4.5.1	0.82	390.12	10	Bed / day	585.00
6	1 Bed / 15 days	Watering the germination beds once daily with the rose can for 15 days.	4.5.2	0.41	195.06	10	Bed / day	293.00
7	1.85 M ³	Collection and supply of sand, silt and red soil according to the requirement for preparation of soil mixture -3/4th of the total volume. (0.84 M ³ /1000 Nos.)	LR		750.00	1	M ³	1,388.00
8	0.62 M ³	Cost and transport of Farm Yard Mannure for filling in polythene bags - 1/4th of the total volume. (0.28 M ³ /1000 Nos.)	LR		750.00	1	M ³	465.00
9	2200 Nos.	Preparation of soil mixture by breaking clods, sieving & mixing with red soil, silt and sand etc according to requirements and farmyard manure in the ratio 4:1 heaping at the filling site and filling in polythene bags and arranging bags in beds and pricking out the seedlings (excluding cost of soil mixture and FYM)	4.6.4	4.48	2,131.36	1,000	Nos	4,689.00
10	55 kgs.	Cost of Vermicasting @ 25 gms/seedlings	As per Research wing rate		10.00	1	kg	550.00
11	22 kgs.	Cost of VAM @ 10gms/seedlings			18.00	1	kg	396.00
12	11 kgs.	Cost of Azospirillum @ 5gms/seedlings			27.00	1	kg	297.00
13	11 kgs.	Cost of Phosphobacteria @ 5gms/seedlings			27.00	1	kg	297.00

Sl. No.	Qty.		Description of work	FSR. Item No.	FSL	Rate per unit			Amount
14			Watering the container plants with rose cans.						
	2200 15	Nos. / days	a) Twice daily - 15 days.	4.10.7	0.23	109.42	1,000	Nos/ day	3,611.00
	2200 30	Nos. / days	b) Once daily - 30 days.	4.11.7	0.115	54.71	1,000	Nos/ day	3,611.00
	2200 15	Nos. / days	c) Alternative days spread over 30 days (15 watering days)	4.11.7	0.115	54.71	1,000	Nos/ day	1,805.00
15	2200 60	Nos. days	Cost of water for watering the container seedlings - 60 days.	4.18 - FSR 1998-1999		0.85	1,000	Nos	112.00
16	29.33 3	Sq.m M	Land rent @ 7500 bags / 100 sq.m - 3 months	4.17 (FSR 1998- 1999)		86.00	40	Sq.m / M	189.00
17	2200 2	Nos. Shift	Shifting the container plants, weeding, grading and replacement of casualties in the bags (shifting is to be done once in 21 days, first shifting not before 45 days after pricking out) - 2 shift	4.15.7	0.51	242.63	1,000	Nos/ Shift	1,068.00
SUB TOTAL (A)									24,298.00
(B) PART-II Size of poly bags - 30x45x600G									
18	2200	Nos.	Cost of Polythene bags 30x45cmx600G	Tender rate 2022-2023		5,600.00	1,000	No	12,320.00
19	20.31	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 13x25cm containers @ 9.23Cu.m. / 1000 Nos.).	LR		750.00	1	M ³	15,233.00
20	5.08	M ³	Cost and transport of Farm Yard Mannure for filling in polythene bags - 1/5th of the total volume (@ 2.31Cu.m. / 1000 Nos.).	LR		750.00	1	M ³	3,810.00
21	2200	Nos	Preparation of soil mixture by breaking clods, sieving & mixing with red soil, silt and sand etc according to requirements and farmyard manure in the ratio 4:1 heaping at the filling site and filling in polythene bags and arranging bags in beds and pricking out the seedlings (excluding cost of soil mixture and FYM)	4.6.7	28.57	13,592.18	1,000	Nos	29,903.00
22	77	kgs.	Cost of Vermicasting @ 35 gms/seedlings	As per Research wing rate		10.00	1	kg	770.00
23	33	kgs.	Cost of VAM @ 15gms/seedlings			18.00	1	kg	594.00
24	13	kgs.	Cost of Azospirillum @ 6gms/seedlings			27.00	1	kg	351.00
25	13	kgs.	Cost of Phosphobacteria @ 6gms/seedlings			27.00	1	kg	351.00

Sl. No.	Qty.	Description of work	FSR. item No.	FSL	Rate per unit			Amount
26	22 Maz.	Labour cost for transplanting seedlings from 13 x 25 cm container bags in to 30 x 45 cm containers - 10 mazdoor / 1000 Nos.	As per MTP ME		475.75	1	No.	10,467.00
27	2200 Nos.	Cost of vertical sticks(Casurina poles 5-8cm girth and 2.50m height for each plants	PWD SSR 2022-2023 (Item No.132-d)		43.75	1	No.	96,250.00
28	1100 Nos.	Cost of horizontal sticks(Casurina poles 5-8cm girth and 1.00m height for each plants	PWD SSR 2022-2023 (Item No.132-d)		17.50	1	No.	19,250.00
29	2200 Nos. 2 time	Tying plants to the vertical stick once in a month - 2 times.			0.40	1	time	1,760.00
30	2200 Nos. 2 time	Pruning side branches once in 2 month - 2 times.			1.00	1	time	4,400.00
31		Watering the container plants with rose cans.						
	2200 Nos. 15 days	a) Twice daily - 15 days.	4.10.7	0.56	266.42	1,000	Nos/day	8,792.00
	2200 Nos. 30 days	b) Once daily - 30 days.	4.11.7	0.28	133.21	1,000	Nos/day	8,792.00
	2200 Nos. 30 days	c) Once in alternative days - spread over 60 days (30 watering days).	4.10.7	0.28	133.21	1,000	Nos/day	8,792.00
	2200 Nos. 30 days	d) Twice in a week - spread over 105 days (30 watering days).	4.11.7	0.28	133.21	1,000	Nos/day	8,792.00
32	176.00 Sq.m 7 M	Land rent @ 500 bags / 40 sq.m.	4.17 (FSR 1998-1999)		86.00	40	Sq.m / M	2,649.00
33	2200 Nos. 7 Shift	Shifting the container once in 21 days first shift is after 45 days from the date of pricking out - 7 times.	4.15.7	2.69	1,279.77	1,000	Nos/Shift	19,708.00
34	2200 Nos. 105 days	Cost of water for watering the container seedlings from the private wells - 270 days.	4.18 - FSR 1998-1999		1.60	1,000	Nos	370.00
35	2200 Nos. 300 MD	Nursery Protection mazdoor @ 1No. / 1,00,000 Nos. for 30x45cm bags - 300 days (90 days + 210 days)	Wages rate	1	475.75	1,00,000	Nos /MD	3,140.00
36	LS	Add for GST @18% for the items No.3 and 18.						2,525.00
37	5 M 2 time	Provision for cost of pesticides and panchagavya and labour for application of pesticides - 2 times per month.	LR		200	1	time	2,000.00

Sl. No.	Qty.	Description of work	FSR. item No.	FSL	Rate per unit			Amount
38	LS	Photo and documentation charges						4,000.00
39	LS	Contingencies and unforeseen items of works.						5,683.00
SUB TOTAL (A)								2,70,702.00
GRAND TOTAL (A + B)								2,95,000.00


COST CALCULATION FOR RAISING NURSERY

- 1 Total cost for raising nursery for 5500 Nos. : 2,95,000.00
- 2 Prorata for 1 seedlings : 135.00

Specifications :

- 1 No. of seedlings has been proposed for planting based on the Government of India letter F.No.11-423/2011-FC dated 8-11-2017. Compensatory Afforestation has to be carried out at 1000 seedlings per ha. Hence, 2000 numbers of seedlings has been proposed for 2.00ha at 1000/ha with 10% of casuality i.e. 200. Totaly 2200 Nos seedlings has been proposed.
- 2 Bio-fertilizers may be applied as per norms prescribed by Research wing.
- 3 The estimate has been prepared based on NHAI / MTP model estimate, FSR, PWD SSR for the year 2022-2023 and the local rate as per model estimate and Research wing rate.


 Wildlife Warden,
 Hosur Forest Division,
 Hosur.


 27/10/2022

Model estimate for planting of native tree species for Compensatory Afforestation over an area of 2.00ha in the degraded forest area during 2022-2023 under State CAMPA Scheme.

(i) Size of poly bags	13x25x250G	Total Area	2 ha
(ii) Transplanting size of poly bags	30x45x600G	Seedlings per ha	1,000 Nos.
(iii) Proposed espacement	Gap planting	Total No. of seedlings	2,000 Nos.
(iv) Species proposed for planting		Add for casuality 10%	200 Nos.
		Total	2,200 Nos.

Labour rate for 2022-2023 Rs. 475.75

Sl. No.	Quantity	Description of works	FSR item No.	FSL	Rate	Per	Amount
1	2000 Nos	Aligning and marking in the plantation area	5.2.4	1.38	656.54	100 Nos	13,131.00
2	2000 Nos	Digging of 60 cm ³ pits in all types of soils during rainy season.	5.8.1	9.26	4,405.45	100 Nos	88,109.00
3	144 M ³	Cost and transport of poultry manure each plant (0.60x0.60x0.20 = 0.072 m ³)	Lowest quotation		750.00	1 M ³	1,08,000.00
4	2000 Nos	Application of poultry manure @ 500g per plant by mixing in the pit before planting - @ 1 Mazdoor for 200 plant.	FSL wages rate		475.75	200 Nos.	4,758.00
5	2000 Nos.	Cost of Bio-fertilizer including cost of application (Vermicompost-1kg, Bio-fertilizer-100g and VAM-100g).	NHAI ME		7.70	1 No.	15,400.00
6	2200 Nos.	Transporting saplings (transported to the radius of 40km) excluding loading and unloading by private vehicle.	NHAI ME		7.00	1 No.	15,400.00
7	2200 Nos	Loading & unloading the polythene container seedlings (30x45cm) in private lorry upto a leadof 2km excluding hire charges for the vehicles.	5.11.7	3.29	1,565.22	1,000 Nos	3,443.00
8		Distribution of polythene container saplings from where seedlings are stacked to the planting spot upto 500m in hills / hillocks.					
	880 Nos	a) Upto 100m	5.16.1	18.00	8,563.50	1,000 Nos	7,536.00
	880	b) Upto 200m	5.16.2	30.00	14,272.50	1,000 Nos	12,560.00
	440	c) Upto 500m	5.16.3	52.50	24,976.88	1,000 Nos	10,990.00

Sl. No.	Quantity	Description of works	FSR item No.	FSL	Rate	Per	Amount
9	2000 Nos	Planting the container plants by refilling pits of 60cm3 size in plains and hillocks.	5.22	1.71	813.53	100 Nos	16,271.00
10	5000 RM	Cost of vertical sticks(Casurina poles 5-8cm girth and 2.50m height for each plants	PWD SSR 2022-2023 (Item No.132-d)		17.50	1 RM	87,500.00
11	200 Nos	Replacement of casualties by reopening failed pits of 60cm3 pits and planting the container plants by refilling pits of size 60cm3 (1/2 pitting rate + full planting rate).	5.23	6.34	3,016.26	100 Nos	6,033.00
12	2000 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	585.17	100 Nos	11,703.00
13	2000 Nos	Forming catch water drains for each plant of size 0.90 x 0.45 x 0.30m in hillocks and hard gravelly soil.	5.26	6.84	3,254.13	100 Nos	65,083.00
14	2000 Nos	Providing Brush wood fencing around each plants	-	0.25	118.94	1 Nos	2,37,880.00
15	2000 Nos 15 days	Watering the plants once in 6 days during summer / non-rainy period from January to March @ 1 Mazdoor for 200 plants / watering day (15 watering days).	NHAI ME		475.75	200 Nos	71,363.00
16	600000 litre	Cost of water @ 20 litre per seedlings - 15 watering days 2000x20x15=6,00,000 litre)	NHAI ME		1,200	12,000 litre	60,000.00
17	180 MD	Plantation protection mazdoor from October to March - 180 Mandays.	Wages rate		475.75	1 MD	85,635.00
18	2000 Nos.	Removing / scrapping vizal monsoon or bothai grass for 1m dia around the plants.	5.27	0.21	99.91	100 Nos	1,998.00
19	5 M 2 time	Provision for cost of pesticides and fungasides and labour for appplication of pesticides - 2 times per month - 5 months.	LR		200	1 time	2,000.00
	LS	Photo and documentation charges	LS				2,000.00

Sl. No.	Quantity	Description of works	FSR item No.	FSL	Rate	Per	Amount
	LS	Contingencies and unforeseen items of works.	LS				3,207.00
						Sub total	9,30,000.00
						Add 10% escalation	93,000.00
						Grand total for 2.00ha	10,23,000.00

Specifications : -

- 1 No. of seedlings has been proposed for planting based on the Government of India letter F.No.11-423/2011-FC dated 8-11-2017. Compensatory Afforestation has to be carried out at 1000 seedlings per ha. Hence, 2000 numbers of seedlings has been proposed for 2.00ha at 1000/ha with 10% of casualty i.e. 200. Totaly 2200 Nos seedlings has been proposed.
- 2 Rates for the works in Sl.No. 8 has been provided for hills / hillocks.
- 3 The estimate has been prepared based on NHAI / MTP model estimate, FSR, PWD SSR for the year 2022-2023 and the local rate as per model estimate and Research wing rate.

K. K. K.
Wildlife Warden,
Hosur Forest Division
Hosur.

B. K.
27/10/2022

Model estimate for 1st year maintenance of Compensatory Afforestation plantation over an area of 2.00ha during 2022-2023 under State CAMPA Scheme.

(i) Size of poly bags	13x25x250G	Total area	2 ha
(ii) Transplanting size of poly bags	30x45x600G	Seedlings per ha	1,000 Nos.
(iii) Proposed espaement	Gap planting	Total No. of seedlings	2,000 Nos.
(iv) Species proposed for planting		Add for casualty 10%	200 Nos.
		Total	2,200 Nos.


Labour rate for 2022-2023 Rs. 475.75


Sl. No.	Quantity	Description of works	FSR Item No.	FSL	Rate	Per	Amount
A NURSERY OPERATION							
1	200 Nos	Rasing cost of seedlings in 30X45cm size polythene bages	As per nursery estimate	-	135.00	1 Nos	27,000.00
Sub total (A)							27,000.00
B PLANTING OPERATION							
1	14 M ³	Cost and transport of poultry manure each plant (0.60x0.60x0.20 = 0.072 m ³)	Lowest quotation		750.00	1 M ³	10,500.00
2	100 Nos	Application of poultry manure @ 500g per plant by mixing in the pit before planting - @ 1 Mazdoor for 200 plant.	FSL wages rate		475.75	200 Nos.	238.00
3	200 Nos.	Transporting saplings (transported to the radius of 40km) excluding loading and unloading by private vehicle.	NHAI ME		7.00	1 No.	1,400.00
4	200 Nos	Loading & unloading the polythene container seedlings (30x45cm) in private lorry upto a leadof 2km excluding hire charges for the vehicles.	5.11.7	3.29	1,565.22	1,000 Nos	313.00
5		Distribution of polythene container saplings from where seedlings are stacked to the planting spot upto 500m in hills / hillocks.					
a.	80 Nos	Upto 100m	5.16.1	18.00	8,563.50	1,000 Nos	685.00
b.	80	Upto 200m	5.16.2	30.00	14,272.50	1,000 Nos	1,142.00
c.	40	Upto 500m	5.16.3	52.50	24,976.88	1,000 Nos	999.00
6	200 Nos	Replacement of casualties by reopening failed pits of 60cm3 pits and planting the container plants by refilling pits of size 60cm3 (1/2 pitting rate + full planting rate).	5.23	5.57	2,649.93	100 Nos	5,300.00

Sl. No.	Quantity	Description of works	FSR item No.	FSL	Rate	Per	Amount
7	2000 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	585.17	100 Nos	11,703.00
8	2000 Nos.	Cost of Bio-fertilizer including cost of application (Vermicompost-1kg, Bio-fertilizer-100g and VAM-100g).	NHAI ME		7.70	1 No.	15,400.00
9	2000 Nos 30 days	Watering the plants once in 6 days (excluding rainy days) from April to June and January to March @ 1 Mazdoor for 200 plants / watering day - (15 + 15 = 30 watering days).	NHAI ME		475.75	200 Nos	1,42,725.00
10	1200000 litre	Cost of water @ 20 litre per seedlings - 30 watering days 2000x20x30 =12,00,000 litre)	NHAI ME		1,200	12,000 litre	1,20,000.00
11	300 MD	Engaging protection mazdoor @ 1 Mazdoor from April to March - 12 month @ 25 days per month.	Wages rate		475.75	1 MD	1,42,725.00
12	LS	Contingencies and unforeseen expenditure to be restricted to as per actual.	LS				4,870.00
						Sub total (B)	4,58,000.00
						Prorata for 1st year maintenance (A+B)	4,85,000.00
						Add 20% escalation for 2nd year	97,000.00
						Total prorata	5,82,000.00

Specifications :

- 1 The estimate has been prepared based on NHAI / MTP model estimate, FSR, PWD SSR for the year 2022-2023 and the local rate as per model estimate and Research wing rate.
- 2 Rates for the works in Sl.No. 5 has been provided for hills / hillocks.


 Wildlife Warden,
 Hosur Forest Division,
 Hosur.


 27/10/2022

Model estimate for 2nd year maintenance of Compensatory Afforestation plantation over an area of 2.00ha during 2022-2023 under State CAMPA Scheme.

No .of seedlings 2,000

Survival 100% 2,000

Labour rate for 2022-2023 Rs. 475.75

Sl. No.	Quantity	Description of works	FSR item No.	FSL	Rate	Per	Amount
1	2000 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	585.17	100 Nos	11,703.00
2	2000 Nos.	Cost of Bio-fertilizer including cost of application (Vermicompost-1kg, Bio-fertilizer-100g and VAM-100g).	NHAI ME		7.70	1 No.	15,400.00
3	2000 Nos 30 days	Watering the plants once in 6 days (excluding rainy days) from April to June and January to March @ 1 Mazdoor for 200 plants / watering day - (15 + 15 = 30 watering days).	NHAI ME		475.75	200 Nos	1,42,725.00
4	1200000 litre	Cost of water @ 20 litre per seedlings - 30 watering days 2000x20x30 =12,00,000 litre)	NHAI ME		1,200	12,000 litre	1,20,000.00
5	75 MD	Engaging protection mazdoor @ 1 Mazdoor from April to March - 3 month @ 25 days per month.	Wages rate		475.75	1 MD	35,681.00
6	LS	Contingencies and unforeseen expenditure to be restricted to as per actual.	LS				2,491.00
Sub total							3,28,000.00
Add 30% escalation for 3 year							98,400.00
Total prorata							4,26,400.00

Specifications :

- 1 The estimate has been prepared based on MTP model estimate, FSR, PWD SSR for the year 2022-2023 and the local rate as per model estimate and Research wing rate.


 Wildlife Warden
 Hosur Forest Division,
 Hosur.


 27/10/2022

Model estimate for 3rd year maintenance of Compensatory Afforestation plantation over an area of 2.00ha during 2022-2023 under State CAMPA Scheme.

No .of seedlings

2,000

Survival 100%

2,000

Labour rate for 2022-2023


Rs. 475.75

Sl. No.	Quantity	Description of works	FSR item No.	FSL	Rate	Per	Amount
1	2000 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	585.17	100 Nos	11,703.00
2	2000 Nos.	Cost of Bio-fertilizer including cost of application (Vermicompost-1kg, Bio-fertilizer-100g and VAM-100g).	NHAI ME		7.70	1 No.	15,400.00
3	2000 Nos 30 days	Watering the plants once in 6 days (excluding rainy days) from April to June and January to March @ 1 Mazdoor for 200 plants / watering day - (15 + 15 = 30 watering days).	NHAI ME		475.75	200 Nos	1,42,725.00
4	1200000 litre	Cost of water @ 20 litre per seedlings - 30 watering days 2000x20x30 =12,00,000 litre)	NHAI ME		1,200	12,000 litre	1,20,000.00
5	75 MD	Engaging protection mazdoor @ 1 Mazdoor from April to March - 3 month @ 25 days per month.	Wages rate		475.75	1 MD	35,681.00
6	LS	Contingencies and unforeseen expenditure to be restricted to as per actual.	LS				2,491.00
Sub total							3,28,000.00
Add 40% escalation for 4 year							1,31,200.00
Total prorata							4,59,200.00

Specifications :

- The estimate has been prepared based on MTP model estimate, FSR, PWD SSR for the year 2022-2023 and the local rate as per model estimate and Research wing rate.


 Wildlife Warden,
 Hosur Forest Division,
 Hosur.


 27/10/2022

Model estimate for 4th to 10th year maintenance of Compensatory Afforestation plantation over an area of 2.00ha during 2022-2023 under State CAMPA Scheme.

No. of seedlings 2,000
Survival 100% 2,000 Labour rate for 2022-2023 Rs. 475.75

Sl. No.	Quantity	Description of works	FSR item No.	FSL	Rate	Per	Amount
1	2000 m	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	585.17	100 m	11,703.00
2	LS	Contingencies to meet out unforeseen items of works such as Documentation charges & Erection of Information Board etc. complete.	LS				297.00
Sub total							12,000.00
Add 50% escalation for 5 year							6,000.00
Total prorata for 4th year maintenance							18,000.00

1	Fifth year maintenance (Including 10% cost escalation in the previous year rate)	Rs.	19,800
2	Sixth year maintenance (Including 10% cost escalation in the previous year rate)	Rs.	21,780
3	Seventh year maintenance (Including 10% cost escalation in the previous year rate)	Rs.	23,960
4	Elgth year maintenance (Including 10% cost escalation in the previous year rate)	Rs.	26,360
5	Ninth year maintenance (Including 10% cost escalation in the previous year rate)	Rs.	29,000
6	Tenth year maintenance (Including 10% cost escalation in the previous year rate)	Rs.	31,900

Specifications :



- 1 The estimate has been perpared based on MTP model estimate, FSR, PWD SSR for the year 2022-2023 and the local rate as per model estimate and Research wing rate.

K. K. K.
Wildlife Warden,
Hosur Forest Division,
Hosur.

Edg
27/10/2022

Work Schedule for planting of taller saplings (30x45 cm size poly bags) in degraded forest area of Melumalai RF to a extent of 2.00ha for Compensatory Afforestation

Sl. No.	Description of Work	Period of Work
1	Raising Nursery	December 2023 to September 2024
2	Planting operation	June 2024 to December 2025
3	1st year Maintenance	September 2025 to March 2026
4	2nd year Maintenance	September 2026 to March 2027
5	3rd year Maintenance	September 2027 to March 2028
6	4th year Maintenance	September 2028 to March 2029
7	5th year Maintenance	September 2029 to March 2030
8	6th year Maintenance	September 2030 to March 2031
9	7th year Maintenance	September 2031 to March 2032
10	8th year Maintenance	September 2032 to March 2033
11	9th year Maintenance	September 2033 to March 2034
12	10th year Maintenance	September 2034 to March 2035


Wildlife Warden,
Hosur Forest Division.
Hosur.

27/10/2022