

**Government of Andhra Pradesh
Forest Department**

Rc.No. 684/2021-D1,
Dated: 26.06.2023.

Office of the District Forest Officer,
Kakinada Division, Kakinada.

From
Sri.M.V.Prasada Rao, S.F.S.,
District Forest Officer (FAC),
Kakinada Division,
Kakinada

To
The Chief Conservator of Forests,
Rajahmundry Circle,
Rajamahendravaram.

Sir,

Sub: APFD - F(C) Act, 1980 - Diversion of 9.60 ha. of Forest land in Compt.no.154,156 of E.D.Pally and compt. no.110, 111 of Pegha RF in Chintur Division for formation road from Yedugurallapalli to Mallampeta in favour of E.E. PR (PIU) Division, Kakinada - Identification of degraded forest land - Report submission - Reg.

Ref: 1.GoI, MoEF & CC, IRO, Vijayawada F.no.4-APB173/2022-VIJ/1006; Dt:21-06-2023.

2.PrI.CCF & HoFF, AP, Mangalagiri Rc.no. EFS02-15034/83/2018-FCA SEC- PCCF/FCA-3, Dt:22.06.2023.

3.DFO, Chintur Rc.no.1492/2020/C4; Dt:23-06-2023.

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In compliance to the instructions issued in the reference 1st and 2nd cited, I am herewith submitting the Compensatory Afforestation Scheme Proposals for the Afforestation in 9.77 ha of degraded forest land inlieu of diversion of 9.60 ha. of Forest land in Compt.no.154,156 of E.D.Pally and compt. no.110, 111 of Pegha RF in Chintur Division for formation road from **Yedugurallapalli to Mallampeta** in favour of Executive Engineer, Panchayatraj (PIU) Division, Kakinada with a financial outlay of Rs.51.00 lakh.

This is submitted for favour of kind information.

Encl: As Above.

Yours faithfully


District Forest Officer (FAC),
Kakinada Division, Kakinada.

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26.06.2023

Copy to the Divisional Forest Officer, Chintur Division, Chintur for information and necessary action.

DATA

Area - 9.77 ha

NAME OF THE WORK: The Scheme Proposals for the Afforestation in 9.77 ha of degraded forest land in lieu of Diversion of 9.60 ha. of Forest land in Compt.no.154,156 of E.D. Pally and compt no.110, 111 of Pegha RF in Chintur Division for formation road from Yedugurallapalli to Mallampeta in favour of E.E. PR (PIU) Division, Kakinada

Unit: 1 ha

Espacement : 1000plant

Sl.no.	Name of the component		Amount Rs.
1	Advance Operations -2023-24		
	a) Advance Opearations 2023-24	-	5500
	b) Raising of Nurseries 2023-24 (Including Casualities $1000*20\% = 200$, $1000+200 = 1200*33.47 = 40164$)	-	40164
	Total	-	45664
			or
			45700
2	Raising of Plantation -2024-25 (Including Maintenance of Nurseries, Raising of Plantation and Maintenance of Plantation)		Amount Rs.
	a) Maintenance of Nursery 2024-25 (Including Casualities $1000*20\% = 200$, $1000+200 = 1200*4.82 = 5784$)	-	5784
	b) Raising of plantation 2024-25	-	83800
	c) Raising of nursey for 1st year maintenance of plantation (25 % Casualities = $1000*25\% = 250$, $250*36.82 = 9205$) ($33.47*10\% = \text{Rs.}36.82$)	-	9205
	Total	-	98789
			or
			98800
3	1st year Maintenance of Plantation - 2025-26		Amount Rs.
	a) Maintenance of Nursery for 1st year Mtc.of plantation 2025-26 (25 % Casualities = $1000*25\% = 250$, $250*5.30 = 1325$)	-	1325
	b) 1st year maintenance of plantation 2025-26	-	29500
	Total	-	30825
			or
			30900


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Data for raising of Primary beds for raising 5"x9" size bag nursery 2022-23

Unit: 1 Bed

Sl. No.	Quantity	Description of the Work	FSR 2022-23	Unit	Rate	Per	Amount
1	1	Preparation of site by clearing growth of unwanted species, uprootal of stumps and removal of surface stones etc. - New site	1.1.1	Beds	70.50	1	70.50
2	1	Digging soil to a depth of 30 cm. (10x1x0.30 = 3.0 cum per bed) (3.64 mandays @ Rs.525/- Per manday = 525*3.64/10*3 =502.32) (As per CSSR 2020-21 labour rates item III.3-LAB-00120)	1.1.3	Beds	573.30	1	573.30
3	1.250	Cost of sandy soil (50% of dugup quantity) taken from private lands and transportation over 5 km. lead including loading and unloading charges by manual means (Sandy soil and FYM. in 5:1 proportion) 0.125 cum per bed (of size 1mx1mx0.30m)	1.1.4	Cum	587.70	1	734.63
4	0.250	Cost and transport of farm yard manure (Sandy soil and FYM. in 5:1 proportion) @ 0.025 cum per bed (Proportionate rate and quantity for 10Mx1Mx0.30M)	1.1.5	Cum	600	1	150.00
5	1	Preparation of soil mixture of red earth, sand and farm yard manure in 5:1 proportion and formation of bed by refilling the excavated portion of the bed with soil mixture (Proportionate rate for 10Mx1Mx0.30M)	1.1.6	Beds	147.90	1	147.90
8	5	Cost of seed (Average rate of 5 species)		Kgs	211.63	1	1,058.15
9	1	Seed treatment for other species	1.8.2	Beds	67.76	1	67.76
10	1	Sowing of seed and covering the seed with hay including cost and conveyance to a thickness of 2.5 cm.	1.9.1	Beds	16.78	1	16.78
11	1	Cost of hay & conveyance to nursery site.	1.9.3	Beds	25.28	1	25.28
12	1	Watering the primary nursery beds -with rose water cans for a maximum two months (proportionate rate) manually	1.10.7	Beds	187.80	1	375.60
13	8	Weeding the primary beds for a maximum period of 2 times	1.10.8	Beds	27.80	1	444.80
14	1	Cost of Pesticides / Fertilizers	1.10.48	Beds	100.00	1	100.00
15	1	Application of fertilisers.	1.10.49	Beds	4.92	1	4.92
16	1	Cost of Protection: 1 Watch & Ward (8 Months August to March) (Rate as per RSSR for 26 days @ Rs.245/- per day) upto 100 beds and for above 100 beds 2 watch and ward.	Rs.245/- per day	Months	560.56	1	560.56
17	L.S	Contingencies and unforeseen items like Cost of Pipes/ Nursery Board / Nursery implements/ Electricity Bill/ Running & Maintenance Charges of Oil Engine etc.,	LS		≤10%		432.29
Total							4,762.47


Rate for 2022-23 for raising of 1 Bed size 10x1x0.30 NTSHW seedlings = Rs.4762

Rate for 2022-23 per each seedling = 4762/1100= Rs.4.33

Rate for 2023-24 = 4.33*10% = Rs.4.76


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Data for raising of 5" X 9" Bag nursery 2022-23

Unit: 1000 Nos.

Sl. No.	Quantity	Description of the Work	FSR 2022-23	Unit	Rate	Per	Amount
1	3.31	Cost of Polythene bags @ 170.50/- per kg (5x9-200/3300 =2.732*1100/ 1000*10% extra towards wastage= 3.3057 Kg =366 bags per kg) including VAT	As per tender rate	Kgs	170.50	1	563.62
2	1000	Site Preparation-New site-Clearing of growth, uprootal of stumps and removal of surface stones, rubbish of all sorts etc.,	1.7.1	No.	42.28	1000	42.28
3	1100	Cost and transport of ingredients for potting mixture Red earth, Sand, Tank silt/ Clay & FYM/Vermi compost in 2:1:1:1 Ratio. 12.5cm X 22.5 cm (5"x9")- 1.12 cum (Data as per CSSR)	1.7.4	No.	1148.14	1000	1262.95
4	1100	Preparation of potting mixture Red earth, Sand, Tank silt /Clay and FYM /Vermi Compost in 2:1:1:1 ratio 12.5cmX22.5cm (5"X9") 1.12 cum	1.7.9	No.	948.77	1000	1043.65
5	1100	Pricking out seedlings from primary beds and transplanting in bags	1.9.7	No.	191.29	1000	210.42
6	250	Replacement of Casualties upto a maximum of 25%	1.9.7	No.	191.29	1000	47.82
7	1000	Watering the bag nursery from November to March. Twice a day for 5 months	1.10.12	No.	207.97	1000	623.91
8	1000	Weeding only two times for 10mX 1m X size bed 12.5cmX22.5cm (5"X9") bags (1700nos/ bed)	1.10.16	No.	40.12	1000	160.48
9	1000	Shifting, grading and rearranging bags in beds	1.11.2	No.	168.48	1000	168.48
11	1	Providing Plantation/ Nursery board, Painting and fixing (Unit taken with a minimum of 5000 bag nursery)	5.4.25	No.	1894.74	1	378.948
12	1000	Cost of chemicals	1.10.56	No.	Actuals	1000	100
13	1000	Cost of cow dung slurry	1.10.58	No.	Actuals	1000	100
14	1000	Application cow dung slurry	1.10.59	No.	283.06	1000	283.06
12	LS	Contingencies and other unforeseen items not exceeding 10% of estimated cost					498.62
13	1200	Added for Primary Bed cost	As per data	No.	4.33	1	5196.00
		TOTAL					10680.24

Rate for 2022-23 for raising of 1000 nos 5"x9" seedlings =Rs.10680/-. Therefore the rate per each seedling =10680/1000=
 Rate for 2023-24 per each seedling = 10.68*10% = Rs.11.75


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Data for Maintenance of 1,000 Nos 5"x9" Bag nursery 2022-23

Unit: 1000 Nos.

Sl. No	Quantity	Description of the Work	FSR 2022-23	Unit	Rate	Per	Total Amount
1	1,000	Watering the plants for 10 m X 1 m size bed 12.5 X 22.50 cm (5"X 9") bags, for 4 months i.e. April to July	1.10.20	1000 Nos / Month	207.97	1000	832.00
2	1,000	Weeding four times for 10 m X 1 m size bed 12.5 X 22.50 cm (5"X 9") bags, for 4 months i.e. April to July	1.10.24	1000 Nos / Weeding	40.12	1000	160.00
3	1,000	Shifting and grading and re-arranging in beds for 10 m X 1 m size bed 12.5 X 22.50 cm (5"X 9") bags, two shifts in maintenance year for 4 months i.e. April to July.	1.11.6	1000 Nos / Shifting	168.48	1000	337.00
4	1,000	Cost and conveyance of Cow dung slurry	As per market rate 1.10.58	No.	600	1000	600.00
5	1,000	Application of cow dung slurry at the rate of 100ml to 250 ml / Chemical fertilizers / Vermicompost per plant monthly twice (Two times in maintenance year)	1.10.59	1000 Nos / 1 time	283.06	1000	566.00
6	LS	Contingencies and unforeseen items such as cost of Diesel Oils and current Charges etc.,	Special Condition ns 43 (a)	≤5%	-	-	125.15
TOTAL							2,620.15

Rate for 2022-23 per each seedling = 2620/1000 = Rs.2.62

Rate for 2023-24 per each seedling = 2.62*10% = Rs.2.88


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UNIT COST

RAISING OF BAG PLANTS NURSERY 8"x12" X 400 GUAGE 2022-23

Unit 1000 Bags.

Sl. No.	Qty.	Details of work	FSR 2022-23	Rate	Per	Amount
1	1000/ 1.25 bed	Site preparation for old site - Clearing of growth, weeds, grass etc.,	1.7.2	22.48	800/bed	28.10
2	1000/ 11.63 Kg.	Cost of polythene bags	As per tender rate	170.50	Kg.	1982.92
3	1000	Cost of Plant - 5x9 (Raising + Mtc = 11.75+2.88= 14.63 or 15.00)		15.00	1	15000.00
4	1000	Cost and transport of ingredients for Potting mixture Red earth,, sand, Tank silt/Clay, FYM/Vermicompost in 2:1:1:1 ratio for 8"x12" (3915.98-1148.14=2767.84)	1.7.6	2767.84	1000	2767.84
5	1000	Preparation of potting mixture Red earth,, sand, Tank silt/Clay, FYM/Vermicompost in 2:1:1:1 ratio by powdering of various ingredients, sieving and mixing them in the prescribed proportion, Opening the bags and filling with potting mixture and gently pressing the same with finer tips and arranging in beds for 8"x12" (2928.48-847.12=2081.36)	1.7.12	2081.36	1000	2081.36
6	1000	Transplanting in the bags.	1.9.9	295.50	100	2955.00
7	1000	Watering the bag plants for 4 months	1.10.14	394.60	1000	1578.40
8	1000	Weeding only four times	1.10.18	76.10	1000	304.40
9	1000	Shifting & grading for 1 shift	1.11.4	319.69	1000	319.69
10	1000	Cost of Chemicals	1.10.56	Actuals	1000	200.00
11	1000	Cost of cow dung slurry	1.10.58	Actuals	1000	200.00
12	1000	Application of cow dung slurry @ 100 ml to 250 ml per plant one time (watering should not be done 12 hours before and after application of cow dung slurry)	1.10.59	252.74	1000	252.74
13	1000/1.25 beds	Contingencies (10%)		LS		2767.80
		Rate as per FSR 2022-23				30438.25

2022-23 Rate per plant = 30438/1000 = Rs.30.43

2023-24 Rate per plant = 30.43*10%= Rs.33.47

2024-25 Rate per plant = 33.47*10% = Rs.36.82


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DATA

Maintenance of Tall Plants Nursery in Polypots Size 8"x12" with 400 Guage for 2022-23.

Unit : 1000 Nos / Per Bed

Sl. No.	Quantity	Description of the Work	FSR 2022-23	Rate for 2022-23	Per	Amount for 2022- 23
1	1,000	Watering the bag plants for 4 months	1.10.22	441.95	1000/ month	1768
2	1,000	Weeding only four times in 10m x 10 size bed 8"x12" bags	1.10.26	85.23	1000/ weeding	341
3	1,000	Shifting & grading for 2 shifts	1.11.8	358.05	1000/ shift	716
4	1,000	Cost of cow dung slurry	1.10.58	Actuals	1000	200
5	1,000	Application of cow dung slurry @ 100 ml to 250 ml per plant two times in maintenancw year (Watering should not be done 12 hours before and after application of cow dung slurry (2 times)	1.10.59	283.06	1000/ time	566
6	1,000	Cost of Chemicals	1.10.56	Actuals	1000	200
7	1,000	Contingencies (5%)		LS		193
		Rate as per FSR 2022-23				3984


2022-23 Rate per plant = 3984/1000 = Rs.3.98

2023-24 Rate per plant = 3.98*10% = Rs.4.38

2024-25 Rate per plant =4.38*10% = Rs.4.82

2025-26 rate per plant = 4.82*10% = Rs.5.30


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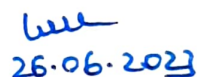
DATA FOR ADVANCE OPERATIONS OF NTHW PLANTATION 1000PLANTS / HA (Unit-1ha)

Unit 1 ha
Espacement 1000 nos / ha

Sl. No	Description of work	FSR 2022-23 (10% hike)	Qty.	Rate (Rs.)	Add 25 % AA	Total	Per	Amount (Rs)	calender of operations
1	2	3	4	5	6	7	8	9	10
1	Survey with GPS (Only staff to carry out GPS survey, one manday is allowed for assistance)	5.1.1	1	269.5		269.50	1	270	Dec/Jan
Specification:- Survey & demarcation of plantation sites by cutting boundary line to a width of 2m - New area									
2	Preparation of site for planting by clearing thorny unsaleable, unusable jungle growth, creepers, bushes etc., spreading the cut material allover the site and burning the same. -Sparse Jungle growth (< 10% ground area covered with Jungle growth	2.1.1	1	2963.09		2963.09	ha	2963	Dec/Jan
Specification:- Preparation of site for planting by clearing thorny unsaleable, unusable jungle growth, creepers, bushes etc.,									
3	Dragging unburnt material and keeping outside the plantation site	2.1.21	1	2087.32		2087.32	ha	2087	Dec/Jan
4	Contingencies							189	
								5509	


26/06/23
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DATA FOR RAISING OF NTHW PLANTATION 1000PLANTS / HA

Unit 1 ha Espacement : 1000plant /ha.

Sl. No	Description of work	FSR 2022-23 (10% hike)	Qty.	Rate (Rs.)	Add 25 % AA	Total	Per	Amount (Rs.)	calendar of operations
1	2	3	4	5	6	7	8	9	10
1	Clearing rank growth at the planting point for plants	2.1.16	1000	275.418		275.42	100	2754	April
2	Cost of 0.45 m stake- preparation and transportation to site. (RSSR Sl.No.19 Cat-1 (c))	2.2.1	1000	67.287		67.287	100	673	April
3	Alignment and stacking including laying base line for teak, casuarina with espacement 3m x 3m (1110 Nos)	2.2.3	1000	126.19		126.19	100	1262	May
4	Formation and maint. of inspection paths & sector lines in planting year	5.4.2	200	10.54		10.54	1	2108	May
5	Digging of 45 cm. cube pits (0.45x0.45x0.45=0.091*228.99=20.866) RSSR 6 (e)	2.3.9	1000	20.87		20.87	1	20866	June / July
6	Transport of Bag plants / Root trainers plants from nursery site to plantation site including loading and unloading upto 5 km lead (approved in Pri CCF (HoFF), A.P., Hyderabad Rc. No. 9443/2012/CAMPA, dt. 26.06.2012) 20 x 30 cm (8"x12") bag plants including casuvalities (1000*20%=200+1000=1200)	2.4.4	1200	421.96		421.96	100	5064	June / July
7	Transport of Bag plants / Root trainers plants from nursery site to plantation site including loading and unloading beyond 5 KM extra for every KM, 20 x 30 cm (8"x12") bag plants (from nursery to Plantation site = 50 KM - 5 KM = 45 KM) 14.94*45=672.3 per 100 including casuvalities (1000*20%=200+1000=1200)	2.4.7	1200	672.3		672.3	100	8068	June / July
8	Planting in 0.45 X 0.45 X 0.45 Size pit (RSSR 2021-22 SL. No.20 (e) ii. @ 4.917/-each	2.5.7	1000	4.917		4.917	1	4917	June / July
9	Cost of Chemical fertilisers (20 gm. DAP for plant).1000*1=1000/100=10 Kgs	As per acutals	10	40		40	1	400	June / July
10	Application of fertilizer after planting by making 3 holes of 10 cmts depth with crow bar . 10 cm. away from plant amd putting fertilizers and closing	2.5.4	1000	55.88		55.88	100	559	June / July
11	Cost of Masonry Name board including painting, lettering and fixing	5.4.26	1	5221.96		5221.96	1	5222	July
	Replacement of casualties								
12	Reopening of of 45 X 45 X 45 cm. = 0.091 cum. (per cum 200x0.091=20.87/2=10.43)	2.3.28	200	10.43		10.43	1	2087	August
13	Planting in 0.45 X 0.45 X 0.45 Size pit (RSSR 2018-19 SL. No.20 (e) ii. @ 4.917/-each	2.5.7	200	4.92		4.92	1	983	June / July
14	1st Circular Weeding to a radius of 0.5 m. around the plant - 1st time during July / August (PCCF Rc.No. 9443/ 2012/ CAMPA, dt.05.10.2012)	2.7.4	1000	164.813		164.813	100	1648	July / August
15	2nd Circular Weeding to a radius of 0.5 m. around the plant - 2nd time during September / October (PCCF Rc.No. 9443/ 2012/ CAMPA, dt.05.10.2012) 2nd time	2.7.4	1000	164.813		164.813	100	1648	Sept/ Oct
16	Soil working to a radius of 0.5 m. and to a depth of 15 cm around the plant during November/ December.	2.7.5	1000	290.62		290.62	100	2906	Nov/ Dec
17	Contingencies							1965	
	Total per 1 ha							63129	

For 9.77 ha

18 Watch and ward 1 no 12 Mon (407/day)
Total

1 No

10582

10582 1 Mon

616769
126984
743753
76126

1 ha rate

2023-24
2024-25

76126
83739 or
83800


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Data for 1st Year maintenance of Non Teak Hard wood Species Plantation 1000plants /ha

		Unit		1 ha		Espacement : 1000plant /ha.			
Sl. No	Cultural Operations	FSR 2022-23 (10% hike)	Qty.	Rate (Rs.)	Add 25 % AA	Total	Per	Amount (Rs.)	Calender of operations
1	2	3	4	5	6	7.00	8	9	10
1	1st Circular Weeding to a radius of 0.5 m. around the plant - 1st time during July / August and 2nd time during September / October (PCCF Rc.No. 9443/2012/ CAMPA, dt.05.10.2012)	2.7.4	1000	164.81		164.81	100	1648	July / August
2	2nd Circular Weeding to a radius of 0.5 m. around the plant - 1st time during July / August and 2nd time during September / October (PCCF Rc.No. 9443/2012/ CAMPA, dt.05.10.2012) 2nd time	2.7.4	1000	164.81		164.81	100	1648	Sept/ Oct
3	Cutting of coppice growth flush to the ground over the entire area including retaining useful species just after planting and placing the cut material in between the planting rows in High rainfall zone > 800 mm (as approved in FSR Zonal committee meeting dt.21.03.2013)	2.6.2	1	2291.432		2291.43	1	2291	July / Aug
4	Cutting of coppice growth flush to the ground over the entire area including retaining useful species just after planting and placing the cut material in between the planting rows in High rainfall zone > 800 mm (as approved in FSR Zonal committee meeting dt.21.03.2013)	2.6.2	1	2291.432		2291.43	1	2291	Oct / Nov
5	Soil working to a radius of 0.5 m. and to a depth of 15 cm around the plant during November/ December.	2.7.5	1000	290.62		290.62	100	2906	Oct / Nov
6	Maintenance of inspection paths and sector lines	5.4.3	100	3.355		3.36	1 Rmt	336	Jan/Feb
	Contingencies							269	
	Total							11390	
	For 9.77 ha							111276	
	Watch and ward 1 no 12 Mon (407/day)		1 No	10582		10582	1 Mon	126984	
	Total							238260	
						1 ha rate		24387	

2023-24
2024-25
2025-26

24387
26826
29508 or
29500


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Data for 2nd Year maintenance of Non Teak Hard wood Species Plantation 1000plants /ha

		Unit		1 ha		Espacement : 1000plant /ha.			
Sl. No	Cultural Operations	FSR 2022-23 (10% hike)	Qty.	Rate (Rs.)	Add 25 % AA	Total	Per	Amount (Rs.)	Calender of operation s
1	2	3	4	5	6	7.00	8	9	10
1	1st Circular Weeding to a radius of 0.5 m. around the plant - 1st time during July / August and 2nd time during September / October (PCCF Rc.No. 9443/ 2012/ CAMPA, dt.05.10.2012)	2.7.4	1000	164.81		164.81	100	1648	July / August
2	2nd Circular Weeding to a radius of 0.5 m. around the plant - 1st time during July / August and 2nd time during September / October (PCCF Rc.No. 9443/ 2012/ CAMPA, dt.05.10.2012) 2nd time	2.7.4	1000	164.81		164.81	100	1648	Sep/ Oct
3	Cutting of coppice growth flush to the ground over the entire area including retaining useful species just after planting and placing the cut material in between the planting rows in High rainfall zone > 800 mm (as approved in FSR Zonal committee meeting dt.21.03.2013)	2.6.2	1	2291.43		2291.43	1	2291	July / Aug
4	Cutting of coppice growth flush to the ground over the entire area including retaining useful species just after planting and placing the cut material in between the planting rows in High rainfall zone > 800 mm (as approved in FSR Zonal committee meeting dt.21.03.2013)	2.6.2	1	2291.43		2291.43	1	2291	Oct / Nov
5	Soil working to a radius of 0.5 m. and to a depth of 15 cm around the plant during November/ December.	2.7.5	1000	290.62		290.62	100	2906	Oct / Nov
	Maintenance of inspection paths and sector lines	5.4.3	100	3.66		3.66	1 Rmt	366	Jan/Feb
6	Contingencies							286	
	Total							11437	
	For 9.77 ha							111740	
	Watch and ward 1 no 12 Mon (407/day)		1 No	10582		10582	1 Mon	126984	
	Total							238724	
	1ha rate					1 ha rate		24434	

2023-24
2024-25
2025-26
2026-27

24434
26878
29566
32522 or
32600


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Data for 3rd Year to 5th year maintenance of Non Teak Hard wood Species Plantation 1000plants /ha

Unit 1 ha Espacement : 1000plant /ha.									
Sl. No	Cultural Operations	FSR 2022-23 (10% hike)	Qty.	Rate (Rs.)	Add 25 % AA	Total	Per	Amount (Rs)	Calender of operation s
1	2	3	4	5	6	7.00	8	9	10
1	Circular Weeding to a radius of 0.5 m. around the plant - 1st time during July / August and 2nd time during September / October (PCCF Rc.No. 9443/ 2012/ CAMPA, dt.05.10.2012)	2.7.4	1000	164.81		164.81	100	1648	July / August
2	Cutting of coppice growth flush to the ground over the entire area including retaining useful species just after planting and placing the cut material in between the planting rows in High rainfall zone > 800 mm (as approved in FSR Zonal committee meeting dt.21.03.2013)	2.6.2	1	2291.43		2291.43	1	2291	July / Aug
3	Soil working to a radius of 0.5 m. and to a depth of 15 cm around the plant during November/ December.	2.7.5	1000	290.62		290.62	100	2906	Oct / Nov
4	Maintenance of inspection paths and sector lines	5.4.3	100	3.66		3.66	1 Rmt	366	Jan/Feb
5	Contingencies							241	
	Total							7453	

For 9.77 ha

Watch and ward 1 no 12 Mon (407/day)

Total

1ha rate

1 No

10582

10582 1 Mon

1 ha rate

72812

126984

199796

20450

2023-24

20450

2024-25

22495

2025-26

24744

2026-27

27219

3rd year maint - 2027-28

29941 or

30000

4th year Mainenance - 2028-29

32935 or

33000

5th year Mainenance - 2029-30

36228 or

36300

District Forest Officer

Kakinada Division, Kakinada

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26.06.2023

Data for 6th year to 10th year maintenance of Non Teak Hard wood Species Plantation 1000plants /ha

		Unit		1 ha		Espacement : 1000plant /ha.			
Sl. No	Cultural Operations	FSR 2022-23 (10% hike)	Qty.	Rate (Rs.)	Add 25 % AA	Total	Per	Amount (Rs.)	Calender of operation s
1	2	3	4	5	6	7.00	8	9	10
1	Maintenance of firelines	5.4.3	100	3.66		3.66	1 Rmt	366	Jan/Feb
2	Contingencies							11	
	Total for 1 ha							377	

2023-24	377	
2024-25	415	
2025-26	456	
2026-27	502	
2027-28	552	
2028-29	607	
2029-30	668	
6th year Mainenance - 2030-31	735 or	800
7th year Mainenance - 2031-32	808 or	800
8th year Mainenance - 2032-33	889 or	900
9th year Mainenance - 2033-34	978 or	1000
10th year Mainenance - 2034-35	1076 or	1100


 26/06/23
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