

Scheme Proposals for Afforestation in 0.50 Ha Area in Krishnaraopalem RF over planting of 200 plants in respect of Rehabilitation and upgradation of NH - 221 (new NH 30) from 32.700 to 72.200 (Chandragudme to AP/Ts Border Section) in the state of AP to two lanes with paved shoulders on EPC mode in Krishnaraopalem RF in compt.no. 080, Krishna division, Vijayawada.

Action plan form the years 2016-17 to 2023-24

User Agency :- Project Implementation Unit, Ministry of Road Transport & Highways, Machilipatnam																										
Sl. No.	Name of activity	Unit	2016-17			2017-18			2018-19			2020-21			2021-22			2022-23			2023-24			Total		
			Rate	Phy	Fin	Rate	Phy	Fin	Rate	Phy	Fin	Rate	Phy	Fin	Rate	Phy	Fin	Rate	Phy	Fin	Rate	Phy	Fin	Phy	Fin	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	19	20	21	25	20	
Plantation works:- Raising of Non Tead Hard Wood Species Plantations in 0.50 ha . Espacement 5mx5m.																										
A	AR - Semi -mechanical Method - @ 400/ ha , Over 0.50 ha	No.	0.00014	290	0.041	0.000	0.00	0.000	0.000	0.00	0.00	0.000	0.00	0.000	0.000	0.00	0.000	0.000	0.00	0.000	0.000	0.00	0.000	290	0.041	
1	Cost of Plants @ Rs. 14 per each plant	Ha.	0.309	0.50	0.155	0.000	0.00	0.000	0.000	0.00	0.00	0.000	0.00	0.000	0.000	0.00	0.000	0.000	0.00	0.000	0.000	0.00	0.000	0.50	0.155	
2	Advance Operations	Ha.	0.000	0.00	0.000	0.229	0.50	0.115	0.000	0.00	0.00	0.000	0.00	0.000	0.000	0.00	0.000	0.000	0.00	0.000	0.000	0.00	0.000	0.50	0.115	
3	Raising of plantation	Ha.	0.000	0.00	0.000	0.000	0.00	0.000	0.119	0.50	0.06	0.000	0.00	0.000	0.000	0.00	0.000	0.000	0.00	0.000	0.000	0.00	0.000	0.50	0.055	
3	1st year maintenance of plantation	Ha.	0.000	0.00	0.000	0.000	0.00	0.000	0.000	0.00	0.00	0.098	0.50	0.049	0.000	0.00	0.000	0.000	0.00	0.000	0.000	0.00	0.000	0.50	0.049	
4	2nd year maintenance of plantation	Ha.	0.000	0.00	0.000	0.000	0.00	0.000	0.000	0.00	0.00	0.000	0.00	0.000	0.108	0.50	0.054	0.000	0.00	0.000	0.000	0.00	0.000	0.50	0.054	
5	3rd year maintenance of plantation	Ha.	0.000	0.00	0.000	0.000	0.00	0.000	0.000	0.00	0.00	0.000	0.00	0.000	0.000	0.00	0.000	0.074	0.50	0.037	0.000	0.00	0.000	0.50	0.037	
6	4th year maintenance of plantation	Ha.	0.000	0.00	0.000	0.000	0.00	0.000	0.000	0.00	0.00	0.000	0.00	0.000	0.000	0.00	0.000	0.000	0.00	0.000	0.082	0.50	0.041	0.50	0.041	
7	5th year maintenance of plantation	Ha.	0.000	0.00	0.000	0.000	0.00	0.000	0.000	0.00	0.00	0.000	0.00	0.000	0.000	0.00	0.000	0.000	0.00	0.000	0.000	0.00	0.000	0.50	0.041	
	Total A plantations				0.196			0.115			0.059			0.049			0.054			0.037			0.041		0.55	
B	Over heada @ 10% of the plantation cost.				0.020			0.010			0.006			0.005			0.005			0.004			0.004		0.05	
	Sub total for A+B				0.216			0.125			0.065			0.054			0.059			0.041					0.60	
C	Escalation of rates @15%																								0.09	
	Grand Total for A+B+C																								0.69	
																									0.70	

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Divisional Forest Officer
Krishna Division,Vijayawada.

Forest Range Officer,
Mylavaram Range


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Advance operations for Raising Non Teak Secondary Hard Wood Plantation for the year 2016-17

					Unit : 1 Ha	
Sl. No.	Quantity	Description of the Work	F.S.R Item	Rate for 2016-17 (10% on 2015-16)	Per	Amount for 2016-17
1	1	Survey with GPS (One manday is allowed for assistance)	5.1.1	198.00	Per plantation	10
2	1	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. Medium Jungle growth (> 30% ground area covered with Jungle growth)	2.1.4	8178.85	Ha.	8179
3	1	Uprootal of stumps to a depth of 45 cm (excluding unsuitable patches) with heavy machinery fitted with 0.90 cum and above capacity bucket and filling the pits caused by uprootal and leveling in Medium Jungle growth (> 30% ground area covered with Jungle growth)	2.1.25	14388.00	Ha.	14388
4	1	Collection and removal of uprooted stumps of all sizes, other debris etc., to outside the plantation site. Medium Jungle growth (> 30% ground area covered with Jungle growth)	2.1.33	7441.50	Ha.	7442
6	LS	Contingencies	≤3%	-	-	900
TOTAL						30,920

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Raising of Primary beds for raising of Non - Teak Secondary Hard Wood Species Bag Plants nursery for the year 2016-17

Scheme :

Unit : 1 Bed
Bed Size : 10 X 1 X 0.30
Municipal allowance 20%

Sl. No.	Quantity	Unit	Description of the Work	F.S.R Item 2015-16	Rate for 2016-17(10% on 2015-16)	Per	Amount for 2016-17
1	2	3	4	5	Rate for 2015-16	9	10
1	1	Bed	Preparation of New site - by clearing miscellaneous unvaible Jungle growth, uprootal of stumps and removal of surface stones, pebbles etc.. (bed size 10x1x0.30 m)	1.1.1 20%	47.63 9.53 57.16	1 bed	57.00
2	3.00	cum	Digging soil to a depth of 30 cm. (10x1x0.30 = 0.30 cum per bed) (3.64 mandays @Rs.352/- per manday)	1.1.3 (As per CSSR) 20%	128.13 25.63 153.76	Cum	461.00
3	1.25	bed	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) 1.25 cum per bed.	1.1.4	185.94	Cum	232.00
4	0.250	Bed	Cost and transport of farm yard manure (Sandy soil and FYM. in 5:1 proportion) @ 0.025 cum per bed (As per Actual market rate)	1.1.5	660.00	Cum	165.00
5	1	Bed	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	1.1.6 20%	98.78 19.76 118.54	1 bed	119.00
6	1	Kgs	Collection of Rose Wood (Dalbergia latifolia) Seed. (@ 4 Kgs per bed)	4.2.3	684.10	1 Kg.	684.00
7	2.50	Kgs	Collection of yegisa (Pterocarpus marsupium) Seed. (@ 5 Kgs per bed)	4.2.26	457.04	1 Kg.	1,143.00
8	3.50	Kgs	Collection of Nallamaddi (Terminalia tomentosa) Seed. (@ 7 Kgs per bed)	4.2.24	62.84	1 Kg.	220.00
9	0.25	Kgs	Procurement of Insecticide Neem Cake @ 0.25 Kg per Bed (As per actuals)	Actuals	33.00	Kg.	8.00
11	1	Bed	Sowing of seed and covering the bed with hay including cost and conveyance to a thickness of 2.5 Cm.	1.9.1 20%	11.23 2.25 13.48	1 bed	13.00
12	1	Bed	Watering the primary nursery beds with rose water cans for 2 months (April and May)	1.10.7 20%	126.06 25.21 151.27	Bed/ Month	303.00
13	1	Bed	Weeding the primary nursery beds for 2 times (April and May)	1.10.8 20%	18.81 3.76 22.57	Bed/ Time	45.00
14	LS		Contingencies for nurseries electricity charges running and maintenance of oil engine subjected to maximum of 10% of estimate cost.	≤10%			336.00
TOTAL							3,786.00

Rate for raising of 1 bed size 10X1X0.30 NTSHW seedlings = Rs3786/-.
Therefore the rate per each seedling = 3786/1100 = 3.44/- *//counter signed //*

Divisional Forest Officer
Krishna Division, Vitlavawada.

Forest Range Officer
Mylavaram

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Raising of 6" X 12" Bag nursery for the year 2016-17

Unit : 1 Bed
 Bed Size : 10 X 1 X 0.30
 Municipal allowance 20%

Sl. No.	Quantity	Unit	Description of the Work	F.S.R Item 2015-16	Rate for 2016-17 (10% on 2015-16)	Per	Amount for 2016-17
1	11.04	Kgs	Cost of Polythene bags @ 220.02/- per kg (6 X 12 - 400/3300 = 8.727 * 1100/1000 = 9.60 Kg , 128 bags per kg) (add extra 15%)	1.7.13 As per Addl. PCCF SF & WP Circle, VJA Proc. No. 1001/2014, Dt. 29.09.2014	220.02	Kg	2429
2	1210	Nos	Site Preparation - New site - Clearing of growth, uprootal of stumps, and removal of surface stones, rubbish of all sorts etc.,	1.7.1	48.19 9.64 57.83	1000	70
3	1210	Nos	Cost and transport of ingredients for potting mixture Red earth, Sand, Tank silt / Clay and FYM / Vermi compost in 2:1:1:1 Ratio. 15cm X 30 cm (6"x12") - 2.15 cum	1.7.5	803.76	1000	973
4	1210	Nos	Preparation of potting mixture Red earth, Sand, Tank silt /Clay and FYM / Vermi Compost in 2:1:1:1 ration	1.7.10	1209.03 241.81 1450.84	1000	1756
5	1210	Nos	Picking up of seedlings from primary bed and transplanting into bags.	1.9.7	128.05 25.61 153.66	1000	186
6	1100	Nos	Watering the bag nursery from November to March. Twice a day for 4 months	1.10.13	215.18 43.04 258.22	1000 / Wateri ng	1136
7	1100	Nos	Weeding only four times for 10m X 1m X size bed 15 cm X 30 cm (6" X12") bags (1100nos / bed)	1.10.17	41.48 8.30 49.78	1000 / weedi ng	219
8	1100	Nos	Shifting, grading and rearranging bags in beds	1.11.3	174.32 34.86 209.18	1000	230
9	1	Bed	Cost of chemicals/Insectisides/pesticides	As per Actuals	200.00	Bed	200
10	20	Rmt	Brush wood fencing around the planting area: Thorny fencing with sturdy thorn material of 10 cm. girth (at the butt end) and fixing in crow bar holes and strengthening with stone packing. The avarage height of fence should be 1.5m and fencing material should be fixed in 2 rows (staggered) at 30cm. apart. The fence should be tightened horizontally by tying with thorny reepers on both sides.	5.3.1	24.71 4.94 29.65	1	593
11	1		Ground Rent	Approved rate	34.90	1	35
12	LS		Contingencies and other unforeseen items not exceeding 10% of estimated cost	≤10%			774
TOTAL							8600

Rate for raising of 1 Bed size 10x1x0.30 NTSHW Seedlings = Rs. 8600/-
 Therefore the rate per each seedlings = 8600/1100 = 7.18 /-
 Cost of seddlings including primary bed : 7.18+3.44 = 10.62 or **11.00**

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Maintanance of 1,100 Nos 6"x12" Non-Teak Secondary Hardwood Species for the year 2016-17

Unit : 1100 Nos / Per Bed

Sl. No.	Quantity	Description of the Work	F.S.R Item	Rate for 2016-17 (10% on 2015-16)	Per	Amount for 2016-17
1	1,100	Watering the plants for 10 m X 1 m size bed 15 X 30 cm (6"X 12") bags, for 4 months i.e. April to July	1.10.13 20% M.A	215.18 43.04 258.22	1000	1136
2	1,100	Weeding four times for 10 m X 1 m size bed 15 X 30 cm (6"X 12") bags, for 4 months i.e. April to July 2013	1.10.17 20% M.A	41.48 8.30 49.78	1000	219
3	1,100	Shifting and grading and re-arranging in beds for 10 m X 1 m size bed 15 X 30 cm (6"X 12") bags two shifts in maintenance yearfor 4 months i.e. April to July.	1.11.7 20% M.A	174.32 34.86 209.18	1000	460
4	1,100	Cost and conveyance of Cow dung slurry (Two times in maintenance year)	1.10.58	136.40	1000	300
5	1,100	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 20% M.A	189.52 37.90 227.42	1000	500
6		Ground Rent	Approved rate	34.90	1	35
7	LS	Contingencies and unforeseen items such as cost of Diesel Oils and current Charges etc.,	Special Conditions 43 a)	5%	-	130
Total						2780

Rate per each seedlings = 2780/1100=2.53

- Maintenance of nursery cost for raising of plantations per Ha $2780 \times 1333 / 1100 = \text{Rs. } 3369/-$
- Maintenace of nursery cost for Maintanance of plantation per Ha.: $2780 \times 222 / 1100 = \text{Rs. } 561/-$

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Raising of NonTeak Secondary Hard Wood Species Plantation for the year 2016-17

Espacement

5 x 5 m (400 Nos. per Ha.)

Scheme:

Unit : 1 Ha.

Sl. No.	Quantity	Unit	Description of the Work	F.S.R Item	Rate for 2016-17 (10% on 2015-16)	Per	Amount for 2016-17
1	2	3	4	5	6	7	8
1	1.00	Ha.	Deep ploughing the plantation area to a depth of 30 cm with heavy duty tractor of 45 HP and above across the slope with mould board plough (untilled Areas) in hard gravellary Soils [RSSR No. 25b. GO MS No. 48, PR&RD (RD-II) Dept, Dt. 28-04-2015]	2.1.35	4041.40	Ha.	4,041
2	400	Nos.	Cost of 0.45 m. Stake - Preparation and transportation to site [RSSR No. 21c. GO MS No. 48, PR&RD (RD-II) Dept, Dt. 28-04-2015]	2.2.1	49.456	100 nos	198
3	400	Nos.	Alignment and staking including laying base line for Misc. Species with 3x3 m espacement [Proportionate Rate of RSSR No. 21b GO MS No. 48, PR&RD (RD-II) Dept, Dt. 28-04-2015]	2.2.5	69.553	100 nos	278
4	400	Nos.	Digging of 45 Cm cube pits in ploughed areas [RSSR No. 6) VII) a GO MS No. 48, PR&RD (RD-II) Dept, Dt. 28-04-2015] in Gravel area	2.3.6	8.679	Each	3,472
5	400	Nos.	a) Transport of Bag plants from nursery site to plantation site including loading and unloading upto 5 km lead - 15x30 cm (6"x12") bag plants	2.4.3	146.751	100 nos	587
6	400	Nos.	b) Transport of Bag plants from nursery site to plantation site including loading and unloading beyond 5 km upto 40 Kms (15 km) extra @ Rs.3.70 for every km lead - 15x30 cm (6"x12") bag plants (5.16*35 = 180.60)	2.4.7	5.16	100 nos	722
7	400	Nos.	c) Internal transport of Bag Plants to planting points on head loads - 15x30 cm (6"x12") bag plants [RSSR No. 21 d (ii) GO MS No. 48, PR&RD (RD-II) Dept, Dt. 28-04-2015] Propotionate rate	2.4.11	76.428	100 nos	306
8	400	Nos.	<u>Bassal Dressing</u> a) Cost of Chemical Fertilisers (50gram SSP for bassal dressing, 20gram DAP after planting in raising year	As per market prevailing rates based on three minimum quatations	133.10	100 nos	532
9	400	Nos.	b) Application of fertilisers after planting by making 3 holes of 10 cmts depth with crow bar, 10 cm away from plant and putting fertilisers and closing	2.5.4	34.05	100 nos	136
10	400	No.s	Planting bag plants in 45cmx45cmx45cm pits [RSSR No. 21 e (ii) GO MS No. 48, PR&RD (RD-II) Dept, Dt. 28-04-2015]	2.5.7	363.00	100 nos	1,452
Replacement of Casualties upto a maximum of 20%							
11	80	No.s	Reopening of pits in ploughed areas - 45 Cm cube pits (Half rate of digging of pits)	2.3.38	4.35	Each	348

Sl. No.	Quantity	Unit	Description of the Work	F.S.R Item	Rate for 2016-17 (10% on 2015-16)	Per	Amount for 2016-17
1	2	3	4	5	6	7	8
12	80	Nos.	a) Transport of Bag plants from nursery site to plantation site including loading and unloading upto 5 km lead - 15x30 cm (6"x12") bag plants	2.4.3	146.751	100 nos	117
13	80	Nos.	b) Transport of Bag plants from nursery site to plantation site including loading and unloading beyond 5 km upto 40 Kms (15 km) extra @ Rs.3.70 for every km lead - 15x30 cm (6"x12") bag plants (5.16*35= 180.60)	2.4.7	5.16	100 nos	144
14	80	Nos.	Internal transport of Bag Plants to planting points on head loads - 15x30 cm (6"x12") bag plants	2.4.11	76.428	100 nos	61
15	80	No.s	Planting bag plants in 45cmx45cmx45cm pits [RSSR No. 21 e (ii) GO MS No. 48, PR&RD (RD-II) Dept, Dt. 28-04-2015]	2.5.7	363.00	100 nos	290
16	1.00	Ha.	Inter ploughing with heavy duty tractor of 45 HP to a depth of 30 cm in hard gravellary soils	2.1.41	2693.90	Ha.	2,694
17	400	No.s	Circular Weeding to a radius of 0.5 m. around the plant in SMM Plantation (1st time)	2.7.13	78.10	100 nos	312
18	400	No.s	Formation of saucer around the plant in SMM Plantaton (At the time of planting)	2.7.12	113.30	100 nos	453
19	400	No.s	Circular Weeding to a radius of 0.5 m. around the plant in SMM Plantation (2nd time)	2.7.13	78.10	100 nos	312
20	400	No.s	Soil working to a radius of 0.5 m. and to a depth of 15 cm around the plant in SMM Plantations	2.7.14	216.70	100 nos	867
21	107	Rmt	Creation of Fire Lines to a width of 3 m. wide	5.4.5	5.81	Rmt	621
22	1	Mont hs	Cost of Protection (One Watcher is allowed for 20 ha plantation in non-VSS areas only from July 2013 to March 2014 (9 Months (PCCF Rc. No. 9443/ 2012/ CAMPA, Dt. 05.10.2012, decision sl. no. 16) (For less than 10 ha, with prior permission of Conservator of Forests) 198*26 = 5148	5.4.12	198	No / Month	2,317
23			Contingencies and Other unforeseen expenditure such as Plantation board, Sharpening of tools etc.,	≤3%			600
Grand Total							20,860

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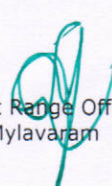
1st Year Maintenance Non Teak Secondary Hard Wood Plantation for the years 2016-17

Espacement
Scheme5 x 5 m (400 Nos. per Ha.)
CAMPA
Unit : 1 Ha.

Sl. No.	Quantity	Unit	Description of the Work	F.S.R Item	Rate for 2016-17 (10% on 2015-16)	Per	Amount
1	1.00	Ha.	Inter ploughing with heavy duty tractor of 45 HP to a depth of 30 cm in hard gravellary soils (2/3rd rate of RSSR Rate 25,b GO MS No. 48, PR&RD (RD-II) Dept, Dt. 28-04-2015]	2.1.41	2,693.90	Ha.	2,694
			Replacement of Casualties: Hard Wood 25%				
2	100	Nos.	Reopening of pits in - 45 Cm cube pits	2.3.37	8.68	Each	868
3	100	Nos.	a) Transport of Bag plants from nursery site to plantation site including loading and unloading upto 5 km lead - 15x30 cm (6"x12") bag plants	2.4.3	146.75	100 nos	147
4	100	Nos.	b) Transport of Bag plants from nursery site to plantation site including loading and unloading beyond 5 km upto 40 Km extra @ Rs.4.26 for every each km lead - 15x30 cm (6"x12") bag plants (40*5.16 = 206.40)	2.4.7	5.16	100 nos	206
5	100	Nos.	c) Internal transport of Bag Plants to planting points on head loads - 15x30 cm (6"x12") bag plants	2.4.11	69.55	100 nos	70
6	100	Nos.	Planting bag plants in 45cmx45cmx45cm pits	2.5.7	363.00	100 nos	363
7	400	Nos.	a) Cost of Chemical Fertilisers (50gram SSP for bassal dressing, 20gram DAP after planting in Maintenance year half rate	As per market prevailing rates based on three minimum quotations	66.55	100 nos	266
8	400	Nos.	b) Application of fertilisers after planting by making 3 holes of 10 cmts depth with crow bar, 10 cm away from plant and putting fertilisers and closing	2.5.4	34.05	100 nos	136
9	400	No.s	Circular Weeding to a radius of 0.5 m. around the plant in SMM Plantations (1st time)	2.7.13	78.10	100 nos	312
10	400	No.s	Circular Weeding to a radius of 0.5 m. around the plant in SMM Plantations (2nd time)	2.7.13	78.10	100 nos	312
11	400	No.s	Soil working to a radius of 0.5 m. and to a depth of 15 cm around the plant in SMM Plantations	2.7.14	216.70	100 nos	867
12	107	Rmt	Maintenance of inspection paths and sector lines subsequent years	5.4.3	2.06	Rmt	220
13	12	Months	Cost of Protection (One Watcher is allowed for 20 ha plantation in non-VSS areas only from July 2013 to March 2014 (12 Months (PCCF Rc. No. 9443/ 2012/ CAMPA, Dt. 05.10.2012, decision sl. no. 16) (For less than 10 ha, with prior permission of Conservator of Forests) 26*198=5148	5.4.12	5,148.00	No / Month	3,089
14			Contingencies and Other unforeseen expenditure.	≤3%	LS		280
			Grand Total				9,830

9,550

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**2nd Year Maintenance Non Teak Secondary Hard Wood Plantation for the
years 2016-17**

			Espacement	5 x 5 m (400 Nos. per Ha.)		
			Scheme	CAMPA		
				Unt : 1 Ha.		
Sl. No.	Quantity	Unit	Description of the Work	F.S.R Item	Rate for 2016-17 (10% on 2015-16)	Per Amount
1	1.00	Ha.	Inter ploughing with heavy duty tractor of 45 HP to a depth of 30 cm in hard gravellary soils (2/3rd rate of RSSR Rate 25,b GO MS No. 48, PR&RD (RD-II) Dept, Dt. 28-04-2015]	2.1.41	2,693.90	Ha. 2,694
2	400	Nos.	Circular Weeding to a radius of 0.5 m. around the plant in SMM Plantations (1st time)	2.7.13	78.10	100 nos 312
3	400	Nos.	Soil working to a radius of 0.5 m. and to a depth of 15 cm around the plant in SMM Plantations	2.7.14	216.70	100 nos 867
4	107	Rmt	Maintenance of inspection paths and sector lines subsequent years	5.4.3	2.06	Rmt 220
5	12	Months	Cost of Protection (One Watcher is allowed for 20 ha plantation in non-VSS areas only from July 2013 to March 2014 (12 Months (PCCF Rc. No. 9443/ 2012/ CAMPA, Dt. 05.10.2012, decision sl. no. 16) (For less than 10 ha, with prior permission of Conservator of Forests) 26*198=5148	5.4.12	5,148.00	No / Month 3,089
6			Contingencies and Other unforeseen expenditure.	≤3%	LS	218
			Grand Total			7,400

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3rd Year Maintenance Non Teak Secondary Hard Wood Plantation for the years 2016-17

			Espacement	5 x 5 m (400 Nos. per Ha.)			
			Scheme	CAMPA			
				Unt : 1 Ha.			
Sl. No.	Quantity	Unit	Description of the Work	F.S.R Item	Rate for 2016-17 (10% on 2015-16)	Per	Amount
1	1.00	Ha.	Inter ploughing with heavy duty tractor of 45 HP to a depth of 30 cm in hard gravellary soils (2/3rd rate of RSSR Rate 25,b GO MS No. 48, PR&RD (RD-II) Dept, Dt. 28-04-2015]	2.1.41	2,693.90	Ha.	2,694
2	400	Nos.	Circular Weeding to a radius of 0.5 m. around the plant in SMM Plantations (1st time)	2.7.13	78.10	100 nos	312
3	400	Nos.	Soil working to a radius of 0.5 m. and to a depth of 15 cm around the plant in SMM Plantations	2.7.14	216.70	100 nos	867
4	107	Rmt	Maintenance of inspection paths and sector lines subsequent years	5.4.3	2.06	Rmt	220
5	12	Mont hs	Cost of Protection (One Watcher is allowed for 20 ha plantation in non-VSS areas only from July 2013 to March 2014 (12 Months (PCCF Rc. No. 9443/ 2012/ CAMPA, Dt. 05.10.2012, decision sl. no. 16) (For less than 10 ha, with prior permission of Conservator of Forests) 26*198=5148	5.4.12	5,148.00	No / Mont h	3,089
6			Contingencies and Other unforeseen expenditure.	≤3%	LS		218
			Grand Total				7,400

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Forest Range Officer
Mylavaram

Divisional Forest Officer
Krishna Division, Vijayawada.

DATA

4th Year Maintenance Non Teak Secondary Hard Wood Plantation for the years 2016-17

			Espacement	5 x 5 m (400 Nos. per Ha.)			
			Scheme	CAMPA			
Unt : 1 Ha.							
Sl. No.	Quan- tity	Unit	Description of the Work	F.S.R Item	Rate for 2016-17 (10% on 2015-16)	Per	Amount
1	400	Nos.	Circular Weeding to a radius of 0.5 m. around the plant in SMM Plantations (1st time)	2.7.13	78.10	100 nos	312
2	400	Nos.	Soil working to a radius of 0.5 m. and to a depth of 15 cm around the plant in SMM Plantations	2.7.14	216.70	100 nos	867
3	107	Rmt	Maintenance of inspection paths and sector lines subsequent years	5.4.3	2.06	Rmt	220
4	12	Mont hs	Cost of Protection (One Watcher is allowed for 20 ha plantation in non-VSS areas only from July 2013 to March 2014 (12 Months (PCCF Rc. No. 9443/ 2012/ CAMPA, Dt. 05.10.2012, decision sl. no. 16) (For less than 10 ha, with prior permission of Conservator of Forests) 26*198=5148	5.4.12	5,148.00	No / Mont h	3,089
5			Contingencies and Other unforeseen expenditure.	≤3%	LS		132
			Grand Total				4,620

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Forest Range Officer
Mylavaram

Divisional Forest Officer
Krishna Division, Vijayawada.

DATA

5th Year Maintenance Non Teak Secondary Hard Wood Plantation for the years 2016-17

			Espacement	5 x 5 m (400 Nos. per Ha.)			
			Scheme	CAMPA			
Unt : 1 Ha.							
Sl. No.	Quantity	Unit	Description of the Work	F.S.R Item	Rate for 2016-17 (10% on 2015-16)	Per	Amount
1	400	Nos.	Circular Weeding to a radius of 0.5 m. around the plant in SMM Plantations (1st time)	2.7.13	78.10	100 nos	312
2	400	Nos.	Soil working to a radius of 0.5 m. and to a depth of 15 cm around the plant in SMM Plantations	2.7.14	216.70	100 nos	867
3	107	Rmt	Maintenance of inspection paths and sector lines subsequent years	5.4.3	2.06	Rmt	220
4	12	Months	Cost of Protection (One Watcher is allowed for 20 ha plantation in non-VSS areas only from July 2013 to March 2014 (12 Months (PCCF Rc. No. 9443/ 2012/ CAMPA, Dt. 05.10.2012, decision sl. no. 16) (For less than 10 ha, with prior permission of Conservator of Forests) 26*198=5148	5.4.12	5,148.00	No / Month	3,089
5			Contingencies and Other unforeseen expenditure.	≤3%	LS		132
			Grand Total				4,620

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Divisional Forest Officer
Krishna Division, Vijayawada.

Forest Range Officer
Mylavaram

