


**ANNEXURE-II**  
**Year-wise detailed Abstract of CA Scheme in Degraded Forest Land at Kothagudem Division for SRLI Project**

Sl. No	Item of Work	Phy	Unit Cost 2017-18 (Rs.)	2018 - 19			2019 - 20			2020 - 21			2021 - 22			2022 - 23			2023 - 24			2024 - 25			2025 - 26			2026 - 27			2027 - 28			2028 - 29			2029 - 30			2030 - 31			2031 - 32		Grand Total	
				Phy	Unit Cost (Rs.)	Fin (Rs. In Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs. In Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs. In Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs. In Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs. In Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs. In Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs. In Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs. In Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs. In Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs. In Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs. In Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs. In Lakhs)	Phy	Fin (Rs. In Lakhs)					
<b>I Raising of Plants in Nurseries &amp; their Maintenance, Procurement of Plants</b>																																														
1	Raising of Primary beds - Unit cost for 100000 plants	Plant	0.2489	350000	0.27390	0.05629	75000	0.30118	0.22558																															425000	1.18417					
2	Raising of Bag Plants of 5"x9" - Unit Cost 100000 plants	Plant	5.4128	350000	5.95411	20.83940	75000	6.54953	4.91214																															425000	25.75154					
3	Maintenance of Bag Plants of 5"x9" - Unit Cost for 100000 plants	Plant	1.8559			350000	2.00364	7.01272	75000	2.20400	1.65300	0	2.4244	0.00000																										425000	8.66572					
4	Conversion of bag plants from 5"x9" to 8"x12" - Unit Cost 100000 plants	Plant	14.5928			350000	17.85707	61.79975	75000	19.42278	14.56708	0	21.38506	0.00000																										425000	76.36683					
5	Maintenance of Bag Plants of 8"x12" - Unit Cost for 100000 plants	Plant	3.4801						350000	4.63203	16.21209	75000	5.09523	3.82142	0	5.80475	0.00000																							425000	20.03352					
Sub Total:						21.798		73.951		32.432		3.921		0.000		0.000		0.000		0.000		0.000		0.000		0.000		0.000		0.000		0.000		0.000		0.000		0.000		192.09179						
<b>II Planting activities (SMM)</b>																																														
6	Advance Operations	Ha	34653			230	41930.13	98.43930	0	46123.14	0.00000																												230	96.43930						
7	Raising of Plantation	Ha	172808					230	230138.22	628.31790	0	253152.04	0.00000																											230	629.31790					
8	1st Year Maintenance	Ha	45836							230	67108.56	154.34969	0	73819.42	0.00000																									230	154.34969					
9	2nd Year Maintenance	Ha	24224							230	39012.99	89.72989	0	42914.29	0.00000																									230	89.72989					
10	3rd Year Maintenance	Ha	18265							230	28814.19	66.27264	0	31895.61	0.00000																								230	66.27264						
11	4th Year Maintenance	Ha	16265							230	31895.61	72.89991	0	34865.17	0.00000																								230	72.89991						
12	5th Year Maintenance	Ha	2385							230	5112.18	11.75797	0	5823.38	0.00000																							230	11.75797							
13	6th Year Maintenance	Ha	1903							230	4486.85	10.31975	0	4935.53	0.00000																							230	10.31975							
14	7th Year Maintenance	Ha	2385							230	6185.71	14.22714	0	6804.29	0.00000																							230	14.22714							
15	8th Year Maintenance	Ha	1903							230	5429.08	12.41689	0	5971.99	0.00000																							230	12.41689							
16	9th Year Maintenance	Ha	2385							230	7484.71	17.21484	0	8233.19	0.00000																							230	17.21484							
17	10th Year Maintenance	Ha	1903							230	6569.19	15.10914	0	7228.11	0.00000																							230	15.10914							
Sub Total:						0.00000		96.43930		628.31790		154.34969		89.72989		66.27264		72.89991		11.75797		10.31975		14.22714		12.41689		17.21484		15.10914		17.21484		15.10914		0		1267.12907								
<b>III SMC Works</b>																																														
18	Digging of CPT in km	km	140000	154000.00		18.00	169400.00	30.48200	0	188340.00	0.00000																														0.00000					
19	Bund plantation in km	km	25000	27500.00		0	30250.00	0.00000	18	33275.00	5.98950																															5.98950				
20	Construction of Percolation Tanks	No	350000	385000.00		4	423500.00	16.94000	0	465850.00	0.00000																															16.94000				
21	Construction of Mini Percolation Tanks	No	100000	110000.00		4	121000.00	4.84000	4	133100.00	5.32400																															5.32400				
25	Digging of borewell with solar panels	No	700000	770000.00		1	847000.00	8.47000	0	931700.00	0.00000	0	1024870.00	0.00000																												8.47000				
Sub Total:						0.00000		68.74200		17.31300		0.00000		0.00000		0.00000		0.00000		0.00000		0.00000		0.00000		0.00000		0.00000		0.00000		0.00000		0.00000		0.00000		0.00000		0.00000		72.38800				
<b>V Administrative Cost - 10%</b>																																														
Total year wise outlay of the project:						21.798		254.7160		638.3889		173.9652		98.7129		72.8999		86.1139		12.9338		11.3517		15.6498		17.7358		15.9383		16.5281		0		0		0				1423.60088						

  
 Forest Divisional Officer,  
 Kothagudem

**DISTRICT FOREST OFFICER**  
 Bhadradi Kothagudem District  
 Kothagudem

28/11

  
**Chief Conservator of Forests /**  
**Conservator of Forests**  
**KOTHAGUDEM CIRCLE**

**ANNEXURE-III**  
**UNIT COST FOR MAINTENANCE OF BAG PLANTS**

Sl. No.	FSR-2017-18 Code	Item of work	Unit	Rate (Rs.)	Rate Including Agency Allowance of 25%	Amount (Rs.)
1	2	3	4	5	6	7
		<b>Maintenance of Bag plants</b>				
1	01.04.01	Watering poly bag (April to August)	Bed	1000.40	1250.50	1250.50
2	01.04.02	Weeding	Bed	45.93	57.41	57.41
3	01.04.03	Shifting and grading	Bed	452.92	566.15	566.15
4	01.04.05	Cost of fertilizers	As per actuals	20.00	20.00	20.00
5	01.04.06	Cost and transportation of cow dung slurry	Bed	25.00	25.00	25.00
6	01.04.07	Weeding in the space between the beds	Bed	25.28	31.60	31.60
7		Watch and ward (5 months) (8017x5/100beds)		400.85	400.85	400.85
8		Electricity charges		300.00	300.00	300.00
		<b>Total</b>				<b>2651.51</b>
9	01.04.08	Contingency: @ 5%				<b>132.58</b>
		<b>Total</b>				<b>2784.09</b>
		<b>cost of each plant (800 Plants per bed)</b>				<b>3.48</b>

Unit Cost for 2018-19	3.828121
Unit Cost for 2019-20	4.210933
Unit Cost for 2020 -21	4.632027
Unit Cost for 2021-22	5.095229

**DISTRICT FOREST OFFICER**  
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Forest Divisional Officer,  
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**UNIT COST FOR CONVERSION FROM 5"x9" to 8"x12" (1000 plants)**

Sl. No.	FSR-2017-18 Code	Item of work	Unit	Rate (Rs.)	Rate Including Agency Allowance of 25%	Amount (Rs.)
1	2	3	4	5	6	7
		<b>Conversion of bags from 5x9 to 8x12</b>				
1		Cost and conveyance of coco husk	1000 plants		2400.00	2400.00
2	01.03.25	Preparation of potting mixture by powering of various ingredients 5"x9" to 8"x12" polybags	1000 plants	1552.61	1940.76	1940.76
3	01.03.28	Stakes		2160.00	2700.00	2700.00
4	01.03.29	Weeding the plants (45.93x2x1000/800)	1000 plants	114.83	143.54	143.54
	01.03.30	Shifting, Grading	1000 plants	268.11	335.14	335.14
5	01.03.31	Watering the plants manually twice a day Manually with rose can (5 Months)	1000 plants	1563.12	1953.90	1953.90
6	01.03.33	Cost of Fertilizers		20.00	20.00	20.00
7		Watch and Ward (100 Beds) (5 Months) 5 x 8017	1000 plants	400.85	400.85	400.85
8		Cost of the ploythene bags (10000x1.15/86x175)		2340.12	2340.12	2340.12
9		Electricity charges		400.00	400.00	400.00
		<b>Total</b>				<b>12634.30</b>
10	01.03.34	Contingencies @ 5%				631.72
		<b>Total</b>				<b>13266.02</b>
11		Add 10% Casuality				1326.60
		<b>Grand Total</b>				<b>14592.62</b>
12		<b>cost of each plant</b>				<b>14.59</b>

Unit Cost for 2018-19  
Unit Cost for 2019-20  
Unit Cost for 2020 -21  
Unit Cost for 2021-22

16.051883  
17.657071  
19.422778  
21.365056

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**UNIT COST FOR MAINTENANCE OF BAG PLANTS (5"x9")**

Sl. No.	FSR-2017-18 Code	Item of work	Unit	Rate	Rate Including Agency Allowance of 25%	Amount
1	2	3	4	5	6	7
		<b>Maintenance of Bag plants</b>				
1	01.03.18	Watering poly bag (April to August)	Bed	1250.50	1563.13	1563.13
2	01.03.19	Weeding (2 weedings)	Bed	91.86	114.83	114.83
3	01.03.20	Shifting and grading	Bed	428.98	536.23	536.23
		Electricity charges		200.00	200.00	200.00
		Watch and ward (5 months)		400.85	400.85	400.85
		<b>Total</b>				<b>2815.03</b>
		cost of each plant (1700 plants per bed)				<b>1.6559</b>

Unit Cost for 2018-19

Unit Cost for 2019-20

Unit Cost for 2020 -21

Unit Cost for 2021-22

1.821487

2.003635

2.203999

2.424399

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**UNIT COST FOR BAG PLANT NURSERY (NOVEMBER TO MARCH)**

Sl. No.	FSR-2017-18 Code	Item of work	Unit	Rate (Rs.)	Rate Including Agency Allowance of 25%	Amount (Rs.)
1	2	3	4	5	6	7
		<b>Raising of bag plant nursery 5x9</b>				
1	01.03.01	Site preparation	Bed	46.33	57.91	57.91
2	01.03.03	Cost of polythene bag, 175 x1.05x1700 / 290	Bed	1077.16	1077.16	1077.16
3	01.03.04	Cost of transportation of ingredients for potting mixture (cost of coco pit/ red earth)	Bed	2040.00	2040.00	2040.00
4	01.03.05	12.5 cm x 22.5 (5" x 9") (cost of coco pit/ red earth)				
5	01.03.06	For every extra km beyond 5 Kms upto 25 Kms 12.5 cm x 22.5 (5" x 9")				
6	01.03.07	Preparation of potting mixture (b) 12.5 cm x 22.5 (5" x 9")	Bed	1483.25	1854.06	1854.06
7	01.03.08	Alignment of beds	Bed	6.92	8.65	8.65
8	01.03.09	Pricking out seedlings	Bed	219.10	273.88	273.88
9	01.03.11	Watering the plants (5 Months) a) Manually with rose cans or finely perforated nozzle	Bed	1250.50	1563.13	1563.13
10	01.03.12	Weeding the beds (3 weedings)	Bed	137.79	172.24	172.24
11	01.03.13	Shifting, Grading and re-arranging (2 Gradings) twice	Bed	428.98	536.23	536.23
12	01.03.14	Replacement of casualties	Bed	60.90	76.13	76.13
13	01.03.15	Cost of foliar nutrient formulations	Bed	34.00	34.00	34.00
14	01.03.17	Weeding in the space (4 weedings)		125.20	156.50	156.50
15		Watch and Ward (100 Beds) (5 Months) 5x 8017 /100Beds		400.85	400.85	400.85
16		Electricity charges		200.00	200.00	200.00
		<b>Total</b>				<b>8450.72</b>
		add casualty 10%				751.09
		<b>Grand Total</b>				<b>9201.81</b>
		<b>cost of each plant (1700 plants per bed)</b>				<b>5.41</b>

Unit Cost for 2018-19  
Unit Cost for 2019-20  
Unit Cost for 2020 -21  
Unit Cost for 2021-22

5.954114  
6.549525  
7.204478  
7.924926

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22/11

  
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Kothagudem

**UNIT COST FOR RAISING OF PRIMARY BEDS**

Sl. No.	FSR-2017-18 Code	Item of work	Unit	Rate (Rs.)	Rate Including Agency Allowance of 25%	Amount (Rs.)
1	2	3	4	5	6	7
1	01.00.00	<b>Raising of primary beds</b>				
2	01.01.01	Preparation of new site	Bed	4.54	5.68	5.68
3	01.01.03	Digging of soil of the demarcated beds	Bed	34.92	43.65	43.65
4	01.01.04	Cost of sandy soil and transportation	Bed	25.4	25.4	25.40
5	01.01.05	5 Kms to 25 Kms	Bed	20.20	20.2	20.20
6	01.01.06	Cost of FYM	Bed	21.87	21.87	21.87
7	01.01.07	Mixing of soil with FYM	Bed	9.92	12.40	12.40
8	01.01.08	Covering the beds	Bed	11.34	14.18	14.18
9	01.01.09	Soil drenching				
10	01.01.10	Cost of seed	Bed	200.00	200.00	200.00
11	01.01.12	Sowing of seed	Bed	11.29	14.11	14.11
12	01.01.13	Watering the primary nursery beds	45 Days	19.06	23.83	23.83
13	01.01.14	Kerbing the primary beds	Bed	25.00	31.25	31.25
14	01.01.15	Cost of chemicals	Bed	20.00	20.00	20.00
16		Electrical Charges		20.00	20.00	20.00
		<b>Total</b>				<b>452.56</b>
		<b>Rasing of seedlings 110% for obtaining 100%</b>		10%		<b>45.26</b>
		<b>Total</b>				<b>497.81</b>
		<b>cost of each plant (2000 plants per bed) - 2017-18</b>				<b>0.25</b>

Unit Cost for 2018-19  
Unit Cost for 2020 -21  
Unit Cost for 2021-22

0.273797  
0.301177  
0.331295

  
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Bhadravri Kothagudem District  
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**Unit Cost for Advance Operations for Raising of N.T.S.H. Plantations 3m X 3m. (SMM)**

FSR Code	Item of work	Qty	Unit Rate per Ha			Amount (Rs.)
			Rate (Rs.)	Rate Including Agency Allowence of 25%	Per	
02.08.01	Survey with GPS (Only staff to carry out) (Staff to carryout GPS Survey. One manday is allowed for assistance)	1	326.59	326.59	Plantation	327
02.08.02	Clearing unsalable unwanted jungle growth					
	(a) Sparse Jungle growth (< 10% ground area covered with jungle growth)	0.4	1815.25	2269.06	Ha	908
	(b) Very Light Jungle growth (>10% and up to 20% ground area covered with Jungle growth)	0.4	2728.52	3410.65	Ha	1364
	(c) Light Jungle Growth (> 20% and upto 30% ground area covered with Jungle growth) with prior written approval of DFO based on the field inspection of DFO.	0.2	5468.03	6835.04	Ha	1367
02.08.03	Uprootal of stumps					
	(a) Sparse Jungle growth (< 10% ground area covered with jungle growth)	0.4	4575.74	4575.74	Ha	1830
	(b) Very Light Jungle growth (>10% and up to 20% ground area covered with Jungle growth)	0.4	8856.24	8856.24	Ha	3542
	(c) Light Jungle Growth (> 20% and upto 30% ground area covered with Jungle growth) with prior written approval of DFO based on the field inspection of DFO.	0.2	11513.51	11513.51	Ha	2303
02.08.04	Collection and Removal of uprooted stumps of all sizes					
	(a) Sparse Jungle growth (< 10% ground area covered with Jungle growth)	0.4	4872.12	6090.15	Ha	2436
	(b) Very Light Jungle growth (>10% and up to 20% ground area covered with Jungle growth)	0.4	7731.50	9664.38	Ha	3866
	(c) Light Jungle Growth (> 20% and upto 30% ground area covered with Jungle growth) with prior written approval of DFO based on the field inspection of DFO.	0.2	9014.96	11268.70	Ha	2254
02.08.05	Tilling the soil to a depth of 0.45 cm in the affected area					
a	Sparce jungle growth less than 10% ground area covered with jungle growth	1	14456.00	14456.00	Ha	14456

Unit Rate for 2017 -18

**34653**

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**Unit Cost for Raising of N.T.S.H. Plantations 3m X 3m. (SMM)**

Code	Item of work	Qty	Unit Rate per Ha			
			Rate (Rs.)	Rate Including Agency Allowance of 25%	Per	Amount (Rs.)
1	2	3	4	5	6	7
02.09.02	Deep Ploughing the effective (excluding unsuitable patches) plantation area across the slope to a depth of 30 cm with Heavy-duty Tractor of 55 HP and above with Firm Mould Board (FMB) plough. <b>FOR TILLED AREA ONLY</b>	1	2697.24	2697.24	Ha	2697
02.09.04	© Alignment and staking including laying base line for Misc species with espacement 3mX3m (1111 Nos)	1111	77.91	97.39	100	1082
02.09.05	Cost of 0.45 M Stake preparation and transportation to site.	1111	49.67	49.67	100	552
02.09.06	© Digging of 60 cm cube size pits - Half of the rate of Rs.9.28 *1.333*1.333*1.333 (Rate for 45 cm cube pit - Rs.9.28 per pit)	1111	10.99	13.74	1	15263
01.03.05	Cost and transportation of soil mixtue for filling half of the pit and spreading around the pit - 0.6 cm x 0.6 cm x 0.6 cm = 0.216 cum	239.976	310.86	310.86	cum	74598
	<b>Transportation of Bag plants / Root trainer plants from nursery site to plantation site including loading and unloading</b>					
02.09.07	upto 5 Km lead(20X30 cm (8"X12")bag plants)	1111	173.49	173.49	100	1927
02.09.08	5 Km to 25 Km lead(20X30 cm (8"X12")bag plants)	1111	135.00	135.00	100	1500
	Internal transport of bag plants/root trainers to planting points on head loads.					
02.09.10	20X30 cm (8"X12")bag plants	1111	123.84	154.80	100	1720
02.09.11	Cost of SSP, Chloridine dust or Chloropyriphos	1111	2.00	2.00	1	2222
	Application of 50gm of SSP per pit	1111	34.25	42.81	100	476
	<b>Planting Bag Plants</b>					
02.09.13	Planting in 60 cm <sup>3</sup> Pit (for 45 cm3 pit - Rs.381.54)	1111	903.71	1129.64	100	12550
02.15.10	Cost of supporting stake of 2.5 m long sturdy and straight and minimum 10 cm girth at base	1111	15.00	15.00	1.00	16665
02.09.14	Watering to the plants - 4 times	1111	924.00	1155.00	100	12832
02.09.15	Replacement of Casualties 20% during Raising & 25% in 1st year (In case of Eucalyptus 10% during raising and no causality replacement for further maintenance)					
						50% of rate of original pitting rate during raising year and 100% during maintenance years. Planting, Transportation and internal transportation as prescribed above.
	© Digging of 60 cm cube size pits - Half of the rate of Rs.9.28 *1.333*1.333*1.333 (Rate for 45 cm cube pit - Rs.9.28 per pit)	222	5.50	6.87	1	1525
	Transportation	222	308.49	308.49	100	685
	Internal Transportation	222	123.84	154.80	100	344
	Planting in 60 cm <sup>3</sup> Pit (for 45 cm3 pit - Rs.381.54)	222	903.71	1129.64	100	2508
02.09.16	Cost of DAP @25gm / planting point	1111	2.00	2.00	1	2222
02.09.11	Application of fertilizer in August (30 days after planting) by making 3 holes of 10 cm depth with crow bar holes at a distance of 10 cm away from plant and putting fertilizers & closing.	1111	34.25	42.81	100	476
02.09.18	a) Circular weeding to a radius of 0.50 m around the plant (during July - Aug)	1111	108.98	136.23	100	1513
02.09.19	b) Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (during Nov - Dec.)	1111	572.33	715.41	100	7948
02.09.20	(b) Inter ploughing with heavy duty tractor of 55 HP to a depth of 30 cm in Hard Gravelly Soils	1	2810.70	2810.70	1	2811
02.09.22	Uprootal of Mahaveera Weed	1	3184.10	3980.13	1	3980
02.09.24	Cost of Protection: One Watcher is allowed for 10-30 ha. plantation; One more Watcher 8017 x 9 = 72153 / 15 = 4810/-	1	4810.20	4810.20	Ha	4810
	Unit Rate for 2017 -18					172906

**DISTRICT FOREST OFFICER**  
Bhadradri Kothagudem District  
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Kothagudem

**Unit Cost for 1st Year Maintenance of NTSH Plantation (3m X 3 m) SMM per Ha**

Unit Rate per Ha						
FSR Code	Item of work	Qty	Rate (Rs.)	Rate Including Agency Allowance of 25%	Per	Amount (Rs.)
1	2	3	4	5	6	7
02.10.01	Replacement of Casualties 25% during Raising & 25% in 1st year (In case of Eucalyptus 10% during raising and no casualty replacement for further maintenance) - 25 % proposed	50% of rate of original pitting rate during raising year and 100% during maintenance years. Planting, Transportation and internal transportation as prescribed above.				
02.09.06	© Digging of 60 cm cube size pits - Half of the rate of Rs.9.28 *1.333*1.333*1.333 (Rate for 45 cm cube pit - Rs.9.28 per pit)	278	10.990	13.74	1	3819
02.09.07	Transportation up 5km	278	173.49	173.49	100	482
02.09.08	Transportation beyond 5 Km (25 - 5 ) = 20 KM	278	135.00	135.00	100	375
02.09.10	Internal Transportation	278	123.84	154.80	100	430
02.09.13	Planting in 60 cm <sup>3</sup> Pit (for 45 cm <sup>3</sup> pit - Rs.381.54)	278	903.71	1129.64	100	3140
02.15.13	Watering to the plants- 4 waterings	1111	924.00	1155.00	100	12832
02.09.16	Cost of DAP @25gm / planting point-50% of raising cost	1111	1.00	1.00	1	1111
02.09.11	Application of fertilizer in August (30 days after planting) by making 3 holes of 10 cm depth with crow bar holes at a distance of 10 cm away from plant and putting fertilizers & closing. - 50% of rate	1111	17.13	21.41	100	238
02.10.02	Circular weeding to a radius of 0.50 m around the plant during raising year (July - Aug)	1111	108.98	136.23	100	1513
02.10.03	Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant during Nov - Dec	1111	572.33	715.41	100	7948
02.10.04	Uprootal of Mahaveera	1	3184.10	3980.13	Ha	3980
02.10.05	Inter-ploughing (during September) the effective plantation area (excluding unsuitable patches) across the slope to a depth of 30 cm with Heavy-duty Tractor of 55 HP and above with Firm Mould Board (FMB) plough.	1	2048.90	2048.90	Ha	2049
02.10.06	Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be done during July - Aug)	1111	108.35	135.44	100	1505
02.10.09	Cost of Protection: One Watcher is allowed for 10-30 ha. plantation; One more Watcher 8017 x 12 = 96204 / 15 = 6414/-	1	6413.60	6413.60	Ha	6414
	Unit Rate for 2017 -18					<b>45836</b>

  
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**Unit Cost for 2nd Year Maintenance of NTSH Plantation (3 m X 3 m) SMM per Ha**

FSR Code	Item of work	Unit Rate per Ha				
		Qty	Rate (Rs.)	Rate Including Agency Allowance of 25%	Per	Amount (Rs.)
1	2	3	4	5	6	7
02.10.01	Replacement of Casualties 25% during Raising & 25% in 1st year (In case of Eucalyptus 10% during raising and no casualty replacement for further maintenance) - 5% proposed	50% of rate of original pitting rate during raising year and 100% during maintenance years. Planting, Transportation and internal transportation as prescribed above.				
02.09.06	© Digging of 60 cm cube size pits - Half of the rate of Rs.9.28 *1.333*1.333*1.333 (Rate for 45 cm cube pit - Rs.9.28 per pit)	56	10.990	13.74	1	769
02.09.07	Transportation up 5km	56	173.49	173.49	100	97
02.09.08	Transportation beyond 5 Km (25 - 5) = 20 KM	56	135.00	135.00	100	76
02.09.10	Internal Transportation	56	123.84	154.80	100	87
02.09.13	Planting in 60 cm <sup>3</sup> Pit (for 45 cm <sup>3</sup> pit - Rs.381.54)	56	903.71	1129.64	100	633
02.10.05	Inter-ploughing (during September) the effective plantation area (excluding unsuitable patches) across the slope to a depth of 30 cm with Heavy-duty Tractor of 55 HP and above with Firm Mould Board (FMB) plough.	1	2048.90	2048.90	Ha	2049
02.11.01	Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (July-Aug)	1111	572.33	715.41	100	7948.00
02.11.02	Pruning of lower branch initials of Timber and NTFP species by sciculture upto 1/3 rd height (to be done during July - Aug)	1111	108.35	135.44	100	1505.00
02.01.03	Formation of Sector Lines / Fire Lines to a width of 3 m by giving surface treatment (sector to be in conformity with slope direction). All stumps to be cut to ground level.	100	5.33	6.66	Rmt	666
02.10.04	Uprootal of Mahaveera	1	3184.10	3980.13	Ha	3980
02.11.05	Cost of Protection: One Watcher is allowed for 10-30 ha. plantation; One more Watcher 8017 x 12 = 96204 / 15 = 6414/-	1	6413.60	6413.60	Ha	6414.00
	Unit Rate for 2017 -18					24224

  
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**Unit Cost for 3rd Year Maintenance of NTSH Plantation (3m X 3m) SMM per Ha**

**Unit Rate per Ha**

FSR Code	Item of work	Qty	Rate (Rs.)	Rate Including Agency Allowance of 25%	Per	Amount (Rs.)
1	2	3	4	5	6	7
02.11.01	Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (July-Aug)	1111	572.33	715.41	100	7948
02.11.02	Pruning of lower branch initials of Timber and NTFP species by sciculture upto 1/3 rd height (to be done during July - Aug)	1111	108.35	135.44	100	1505
03.05.01	Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - propotionate cost - 0.60 times	100	318.29	397.86	100 Rmt	398
02.11.05	<b>Cost of Protection: One Watcher</b> is allowed for 10-30 ha. plantation; <b>One more Watcher</b> 8017 x 12 = 96204 / 15 = 6414/-	1	6413.60	6413.60	Ha	6414
	Unit Rate for 2017 -18					<b>16265</b>

  
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**Unit Cost for 4th Year Maintenance of NTSH Plantation (3m X 3m) SMM per Ha**

Unit Rate per Ha						
FSR Code	Item of work	Qty	Rate (Rs.)	Rate Including Agency Allowence of 25%	Per	Amount (Rs.)
1	2	3	4	5	6	7
02.11.01	Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (July-Aug)	1111	572.33	715.41	100	7948
02.11.02	Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be done during July - Aug)	1111	108.35	135.44	100	1505
03.05.01	Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - propotionate cost - 0.60 times	100	318.29	397.86	100 Rmt	398
02.11.05	<b>Cost of Protection: One Watcher</b> is allowed for 10-30 ha. plantation; <b>One more Watcher</b> 8017 x 12 = 96204 / 15 = 6414/-	1	6413.60	6413.60	Ha	6414
	Unit Rate for 2017 -18					16265

  
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**Unit Cost for 5th Year Maintenance of NTSH Plantation (3m X 3m) SMM per Ha**

**Unit Rate per Ha**

FSR Code	Item of work	Qty	Rate (Rs.)	Rate Including Agency Allowance of 25%	Per	Amount (Rs.)
1	2	4	5		6	7
02.11.01	Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pickaxe only) without damaging the plant. (July-Aug)-the work will be carried out between 1 m to 1.1 m in a ring formation- Hence 25% of cost adopted	1111	143.08	178.85	100	1987
03.05.01	Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - propotionate cost - 0.60 times	100	318.29	397.86	100 Rmt	398
	Unit Rate for 2017 -18					2385

  
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**Unit Cost for 6th Year Maintenance of NTSH Plantation (3m X 3m) SMM per Ha**

**Unit Rate per Ha**

FSR Code	Item of work	Qty	Rate (Rs.)	Rate Including Agency Allowance of 25%	Per	Amount (Rs.)
1	2	3	4	5	6	7
02.11.02	Pruning of lower branch initials of Timber and NTFP species by sciculture upto 1/3 rd height (to be done during July - Aug)	1111	108.35	135.44	100	1505
03.05.01	Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - propotionate cost - 0.60 times	100	318.29	397.86	100 Rmt	398
Unit Rate for 2017 -18						<b>1903</b>

  
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**Unit Cost for 7th Year Maintenance of NTSH Plantation (3m X 3m) SMM per Ha**

**Unit Rate per Ha**

FSR Code	Item of work	Qty	Rate (Rs.)	Rate Including Agency Allowance of 25%	Per	Amount (Rs.)
1	2	4	5		6	7
02.11.01	Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pickaxe only) without damaging the plant. (July-Aug)-the work will be carried out between 1 m to 1.1 m in a ring formation- Hence 25% of cost adopted	1111	143.08	178.85	100	1987
03.05.01	Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - propotionate cost - 0.60 times	100	318.29	397.86	100 Rmt	398
	Unit Rate for 2017 -18					2385

  
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**Unit Cost for 8th Year Maintenance of NTSH Plantation (3m X 3m) SMM per Ha**

**Unit Rate per Ha**

FSR Code	Item of work	Qty	Rate (Rs.)	Rate Including Agency Allowance of 25%	Per	Amount (Rs.)
1	2	3	4	5	6	7
02.11.02	Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be done during July - Aug)	1111	108.35	135.44	100	1505
03.05.01	Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - propotionate cost - 0.60 times	100	318.29	397.86	100 Rmt	398
	Unit Rate for 2017 -18					<b>1903</b>

  
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**Unit Cost for 9th Year Maintenance of NTSH Plantation (3m X 3m) SMM per Ha**

**Unit Rate per Ha**

FSR Code	Item of work	Qty	Rate (Rs.)	Rate Including Agency Allowance of 25%	Per	Amount (Rs.)
1	2	3	4	5	6	7
02.11.01	Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (July-Aug)- the work will be carried out between 1 m to 1.1 m in a ring formation- Hence 25% of cost adopted	1111	143.08	178.85	100	1987
03.05.01	Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - propotionate cost - 0.60 times	100	318.29	397.86	100 Rmt	398
	Unit Rate for 2017 -18					<b>2385</b>

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**Unit Cost for 10th Year Maintenance of NTSH Plantation (3m X 3m) SMM per Ha**

**Unit Rate per Ha**

FSR Code	Item of work	Qty	Rate (Rs.)	Rate Including Agency Allowence of 25%	Per	Amount (Rs.)
1	2	3	4	5	6	7
02.11.02	Pruning of flower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be done during July - Aug)	1111	108.35	135.44	100	1505
03.05.01	Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - propotionate cost - 0.60 times	100	318.29	397.86	100 Rmt	398
	Unit Rate for 2017 -18					<b>1903</b>

  
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