

Advance Operations under Labour Intensive Method with 3m \* 3m espacement

Unit area 1.00 Ha.

FSR Item No.	Description	Quantity	Rate (Rs.)	Per	Amount (Rs.)
02.01.00	<b>ADVANCE OPERATION (PRE-PLANTING OPERATION)</b> - All advance-operation works of plantations to be raised shall be completed before March. Perambulation of site, preparing site inspection report including type of vegetation and density, approval of site suitability and the category of jungle growth clearance, taking the images of the existing vegetation, preparation of treatment plan shall be prepared and approved in writing by DFO before taking up advance operation.				
02.01.01	Survey with hand-held GPS (staff to carry out) and demarcation - one manday is allowed for assistance. The surveyed sketch with exact effective area statement will be uploaded in MIS platform latest by December end.	1	374.48	Plantation	374
02.01.02	Clearing unsalable unwanted jungle growth (leaving all the tree species of good form particularly the hardwood tree species like Teak, Nallamaddi, Yegisa, Narepa, Somi, Jitregi, Billudu, Chenangi etc. and NTFP species like Ippa, Morri, Tani, Karaka, Vepa, Maredu, Tapasi, Tuniki, Chinta, Usuri, Nallajeedi etc.); Spreading the cut material all over the site; and Burning the same twice till completely burnt. All the above operations should be completed before December.				
	(a) Sparse Jungle growth (<10% ground area covered with Jungle growth)	0.40	2081.36	Ha	833
	(b) Very light jungle growth (>10% and upto 20% covered with Jungle growth)	0.40	3128.53	Ha	1251
	(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.	0.20	7350	Ha	1470
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	6.14	Rmt	614
02.01.05	Alignment and stacking including demarcation of baseline				
	(a) 3x3 m espacement	1111	89.36	100 No's	993
02.01.04	Cost of preparation of stakes (0.45 m length) and transportation to site	1111	56.96	100 No's	633
02.01.06	Digging of pits during January to March				
	(b) (ii) 60 cm cube size in hard gravelly and moram Soil (Manual) - Rs.25.57 for 45 cm cube pit	1111	60.61	Each	67338
			<b>Total</b>		<b>73506</b>
			<b>Unit Rate for 2020-21</b>		<b>73506</b>

Forest Divisional Officer,

  
Asifabad  
20/12/20



## Raising of Plantation under Labour Intensive Method with 3m \* 3m espacement

Unit area 1.00 Ha.

FSR Item No.	Description	Quantity	Rate (Rs.)	Per	Amount (Rs.)
02.02.00	Planting Operations during raising year				
02.02.01	Transportation of planting stock (including loading and unloading upto a distance of 5 Kms)				
	(b) 15 X 30 cm (6"X12") bag plants	1111	115.19	100 Nos.,	1280.00
02.02.02	Transportation of Planting Stock (including loading and unloading) more than 5 km distance and upto 25 km distance				
	(b) 15 X 30 cm (6"X12") bag plants	1111	77.00	100 Nos.,	855.00
02.02.03	Transportation of Planting Stock (including loading and unloading) more than 25 km distance and for every extra km (with prior written approval of Circle Head)				
	(b) 15 X 30 cm (6"X12") bag plants	1111	39.00	100 Nos.,	433.00
02.02.04	Internal transportation to planting points on head loads				
	(b) 15 X 30 cm (6"X12") bag plants	1111	91.82	100 Nos.,	1020
	PLANTING: Seedlings of local species of secondary hardwood along with their associates and NTFP species will have to be chosen for planting. The minimum height of the planting stock to be planted is 0.75 m - 1m height (excluding the height of the bag)				
02.02.05	Application of 50 gm of SSP per pit (1 day before planting) for root growth and early establishment of plant after planting. Similarly, the bag plants to be planted are to be dipped inside Chloropyriphos solution (5 ml of Chloropyriphos in 1 lit water) either at nursery site before transport or at plantation site before planting	1111	39.27	100 Nos.,	436
02.02.06	Cost of SSP, Chloridine dust (50 gm) or Chloropyriphos (Rs. 2/- per plant)	As per actual	800	Ha.	2222
02.02.07	Planting in 60 cm <sup>3</sup> Pit	1111	970.88	100 Nos.,	10786
02.01.04-ii	ii) Cost of preparation of stakes (2.0 m length) and transportation to site (subject to condition that the seedling height is 1.5m to 2.0m height)	1111	1200.00	100.00	13332
02.02.09	Watering (one time) immediately after planting if the planting takes place on a non-rainy days and during dry spell - 4 waterings	1111	1059.44	100 Nos.,	11770
02.02.10	Replacement of Casualties: 20% during Raising Year & 25% in 1 <sup>st</sup> year The casualty replacement should be done in 3 stages at an interval of 15 days immediately after planting during raising year.		50% of unit rate of original pitting during raising year and 100% during maint. year. Planting, transportation and internal transportation same as adopted during raising year		
02.01.06	Digging of pits (b) (ii) 60 cm cube size in hard gravelly and moram Soil (Manual) - Rs.25.57 for 45 cm cube pit	222	30.31	Each	6734
02.02.01	Transportation of planting stock (including loading and unloading upto a distance of 5 Kms)	222	115.19	100 Nos.,	256
02.02.02	Transportation of Planting Stock (including loading and unloading) more than 5 km distance and upto 25 km distance	222	77.00	100 Nos.,	171

FSR Item No.	Description	Quantity	Rate (Rs.)	Per	Amount (Rs.)
02.02.03	Transportation of Planting Stock (including loading and unloading) more than 25 km distance and for every extra km (with prior written approval of Circle Head)	222	39.00	100 Nos.,	
02.02.04	Internal transportation to planting points on head loads	222	91.82	100 Nos.,	204
02.02.07	(b) Planting in 60 cm <sup>3</sup> Pit	222	970.88	100 Nos.,	2157
02.02.11	Cost of DAP @ 25 gm / planting point	1111	1.20	Each	1333
02.02.12	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 and closing. Ensure that the soil is really wet at the time of DAP application.	1111	39.27	100 Nos.,	436
02.02.13	Weeding and saucer formation to a radius of 0.5 mts around the plant immediately after planting (i.e) during June.	1111	125.00	100 Nos.,	1389
02.02.14	Circular weeding to a radius of 0.50 m around the plant (i.e., Aug - Sept)	1111	125.00	100 Nos.,	1389
02.02.15	Deep soil working to a radius of 0.5 m and to a depth of 10 cm (to be done by pick-axe only) without damaging the plant (to be carried out during Nov - Dec)				
	(b) For hard gravelly soil	1111	656.25	100 Nos.,	7291
02.02.16	Cutting of coppice growth flush to the ground to reduce the competition over the entire area duly retaining useful species after planting and placing the cut material in between the planting rows (to be undertaken during July - August)				
	(a) Low rainfall zone < 800 m	1	975.45	Ha.	975
			Total		64556

Unit Rate for 2020-21

Forest Divisional Officer,

Asifabad

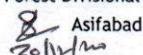
31/1

1st year maintenance of Plantation under Labour Intensive Method with 3m \* 3m espacement

Unit area 1.00 Ha.

FSR Item No.	Description	Quantity	Rate (Rs.)	Per	Amount (Rs.)
01.03.05	Cost of transportation of soil mixtue for filling the pit and spreading around the pit - 25 % of pit - 0.25 x 0.6 cm x 0.6 cm x 0.6 cm	21.60	369.85	cum	7989
02.03.01	<b>Replacement of Casualties:</b> 25% in 1st year (In case of Eucalyptus: no casualty replacement). The list of all casualty points shall be prepared by concerned FRO by and made a report to DFO latest by end of May. The pitting of all such casualty points shall be over by end of June. The casualty replacement shall be completed by end of July.		Pitting, planting, transportation and internal transportation same as prescribed in fresh planting		
02.01.06	Digging of pits (b) (ii) 60 cm cube size in hard gravelly and moram Soil (Manual) - Rs.25.57 for 45 cm cube pit	277.75	60.61	Each	16835
02.02.01	Transportation of planting stock (including loading and unloading upto a distance of 5 Kms)	277.75	115.19	100 Nos.,	320
02.02.02	Transportation of Planting Stock (including loading and unloading) more than 5 km distance and upto 25 km distance	277.75	77.00	100 Nos.,	214
02.02.03	Transportation of Planting Stock (including loading and unloading) more than 25 km distance and for every extra km (with prior written approval of Circle Head)	277.75	39.00	100 Nos.,	108
02.02.04	Internal transportation to planting points on head loads	277.75	91.82	100 Nos.,	255
02.02.07	(b) Planting in 60 cm <sup>3</sup> Pit	277.75	970.88	100 Nos.,	2697
02.02.11	Cost of DAP @ 25 gm / planting point	1111	1.12	Each	1244
02.02.09	Watering (one time) immediately after planting if the planting takes place on a non-rainy days and during dry spell - 4 waterings	1111	1059.44	100 Nos.,	11770
02.03.02	Weeding and saucer formation to a radius of 0.5 mts around the plant immediately after planting (i.e) during June.	1111	125.00	100 Nos.,	1389
02.03.03	Circular weeding to a radius of 0.50 m around the plant (i.e. Aug - Sept)	1111	125.00	100 Nos.,	1389
02.03.04	Deep soil working to a radius of 0.5 m and to a depth of 10 cm (to be done by pick-axe only) without damaging the plant (to be carried out during Nov - Dec)				
	(b) For hard gravelly soil	1111	656.25	100 Nos.,	7291
02.03.05	Cutting of coppice growth flush to the ground to reduce the competition over the entire area duly retaining useful species after planting and placing the cut material in between the planting rows (to be undertaken during July -August)				
	(a) Low rainfall zone < 800 mm	1	975.43	Ha.	975
02.03.06	<b>Pruning of lower branch initials of Timber and NTFP species</b> by scicature upto 1/3 rd height during October	1111	124.27	100 Nos.,	1381
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	608.27	100 Rmt	608
			Total		54465
			Unit Rate for 2020-21		54465

Forest Divisional Officer,

  
Asifabad  
30/12/2021

**2nd year maintenance Plantatation under Labour Intensive Method with 3m \* 3m espacement**

Unit area 1.00 Ha.

FSR Item No.	Description	Quantity	Rate (Rs.)	Per	Amount (Rs.)
02.03.01	Replacement of Casualties: 20% during Raising Year & 25% in 1 <sup>st</sup> year The casualty replacement should be done in 3 stages at an interval of 15 days immediately after planting during raising year. - 5% proposed		100% of unit rate of original pitting during raising year and 100% during maint. year. Planting, transportation and internal transportation same as adopted during raising year		
02.01.06	Digging of pits (b) (ii) 60 cm cube size in hard gravelly and moram Soil (Manual) - Rs.25.57 for 45 cm cube pit	56	60.61	Each	3367
02.02.01	Transportation of planting stock (including loading and unloading upto a distance of 5 Kms)	56	115.19	100 Nos.,	64
02.02.02	Transportation of Planting Stock (including loading and unloading) more than 5 km distance and upto 25 km distance	56	77.00	100 Nos.,	43
02.02.03	Transportation of Planting Stock (including loading and unloading) more than 25 km distance and for every extra km (with prior written approval of Circle Head)	56	39.00	100 Nos.,	22
02.02.04	Internal transportation to planting points on head loads	56	91.82	100 Nos.,	51
02.02.07	(b) Planting in 60 cm <sup>3</sup> Pit	56	970.88	100 Nos.,	539
02.02.11	Cost of DAP @ 25 gm / planting point	1111	1.12	Each	1244
02.04.01	Weeding and saucer formation to a radius of 0.5 mts around the plant immediately after planting (i.e) during June.	1111	125.00	100 Nos.,	1389
02.04.02	Circular weeding to a radius of 0.50 m around the plant (i.e. Aug - Sept)	1111	125.00	100 Nos.,	1389
02.04.03	Deep soil working to a radius of 0.5 m and to a depth of 10 cm (to be done by pick-axe only) without damaging the plant (to be carried out during Nov - Dec)				
	(b) For hard gravelly soil	1111	656.25	100 Nos.,	7291
02.04.04	Cutting of coppice growth flush to the ground to reduce the competition over the entire area duly retaining useful species after planting and placing the cut material in between the planting rows (to be undertaken during July - August)				
	(a) Low rainfall zone < 800 mm	1	975.43	Ha.	975
02.03.06	Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height during October	1111	124.27	100 Nos.,	1381
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	608.27	100 Rmt	608
			Total		18363
			Unit Rate for 2020-21		18363

Forest Divisional Officer,  
Asifabad

30/11/2020

3rd year maintenance Plantatation under Labour Intensive Method with 3m \* 3m espacement

Unit area 1.00 Ha.

FSR Item No.	Description	Quantity	Rate (Rs.)	Per	Amount (Rs.)
02.04.01	Weeding and saucer formation to a radius of 0.5 mts around the plant immediately after planting (i.e) during June.	1111	125.00	100 Nos.,	1389
02.04.03	Deep soil working to a radius of 0.5 m and to a depth of 10 cm (to be done by pick-axe only) without damaging the plant (to be carried out during Nov - Dec)				
	(b) For hard gravelly soil	1111	656.25	100 Nos.,	7291
02.03.06	Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height during October	1111	124.27	100 Nos.,	1381
03.05.01	Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - proportionate cost - 0.60 times	100	608.27	100 Rmt	608
				Total	10669
					10669

  
Forest Divisional Officer,

Asifabad  
30/12

4th year maintenance Plantatation under Labour Intensive Method with 3m \* 3m espacement

Unit area 1.00

FSR Item No.	Description	Quantity	Rate (Rs.)	Per	Amount (Rs.)
02.04.01	Weeding and saucer formation to a radius of 0.5 mts around the plant immediately after planting (i.e) during June.	1111	125.00	100 Nos.,	1389
02.04.03	Deep soil working to a radius of 0.5 m and to a depth of 10 cm (to be done by pick-axe only) without damaging the plant (to be carried out during Nov - Dec)				
	(b) For hard gravelly soil	1111	656.25	100 Nos.,	7291
02.03.06	Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height during October	1111	124.27	100 Nos.,	1381
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	608.27	100 Rmt	608
			Total		10669
					10669

Forest Divisional Officer,

  
Asifabad

5th year maintenance Plantatation under Labour Intensive Method with 3m \* 3m espacement

Unit area 1.00 Ha.

FSR Item No.	Description	Quantity	Rate (Rs.)	Per	Amount (Rs.)
02.03.06	Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height during October	1111	124.27	100 Nos.,	1381
02.04.03	Deep soil working to a radius of 0.5 m and to a depth of 10 cm (to be done by pick-axe only) without damaging the plant (to be carried out during Nov - Dec)				
	(b) For hard gravelly soil -1 time	1111	656.25	100 Nos.,	7291
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	608.27	100 Rmt	608
			Total		9280
					9280

Unit Rate for 2020-21

  
Forest Divisional Officer,  
Asifabad  
2011

6th year maintenance Plantatation under Labour Intensive Method with 3m \* 3m espacement

Unit area 1.00 Ha.

FSR Item No.	Description	Quantity	Rate (Rs.)	Per	Amount (Rs.)
02.03.06	Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height during October	1111	124.27	100 Nos.,	1381
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	608.27	100 Rmt	608
			Total		1989
			Unit Rate for 2020-21		1989

Forest Divisional Officer,  
Asifabad

7th year maintenance Plantatation under Labour Intensive Method with 3m \* 3m espacement

Unit area 1.00 Ha.

FSR Item No.	Description	Quantity	Rate (Rs.)	Per	Amount (Rs.)
02.04.03	Deep soil working to a radius of 0.5 m and to a depth of 10 cm (to be done by pick-axe only) without damaging the plant (to be carried out during Nov - Dec)				
	(b) For hard gravelly soil -1 time	1111	656.25	100 Nos.,	7291
03.05.01	Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - proportionate cost - 0.60 times	100	608.27	100 Rmt	608
			<b>Total</b>		<b>7899</b>
		<b>Unit Rate for 2020-21</b>			<b>7899</b>

  
Forest Divisional Officer,  
Asifabad  
30/1

8th year maintenance Plantatation under Labour Intensive Method with 3m \* 3m espacement

FSR Item No.	Description	<u>Unit area 1.00 Ha.</u>			
		Quantity	Rate (Rs.)	Per	Amount (Rs.)
02.03.06	Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height during October	1111	124.27	100 Nos.,	1381
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	608.27	100 Rmt	608
				Total	1989
Unit Rate for 2020-21					1989

Forest Divisional Officer,

  
Asifabad  
Zdlv

9th year maintenance Plantatation under Labour Intensive Method with 3m \* 3m espacelement

<u>Unit area 1.00 Ha.</u>					
FSR Item No.	Description	Quantity	Rate (Rs.)	Per	Amount (Rs.)
02.04.03	Deep soil working to a radius of 0.5 m and to a depth of 10 cm (to be done by pick-axe only) without damaging the plant (to be carried out during Nov - Dec)				
	(b) For hard gravelly soil -1 time	1111	656.25	100 Nos.,	7291
03.05.01	Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - proportionate cost - 0.60 times	100	608.27	100 Rmt	608
			Total		7899
			<b>Unit Rate for 2020-21</b>		7899

Forest Divisional Officer,

Asifabad

3d/w

10th year maintenance Plantatation under Labour Intensive Method with 3m \* 3m espacement

FSR Item No.	Description	<u>Unit area 1.00 Ha.</u>			
		Quantity	Rate (Rs.)	Per	Amount (Rs.)
02.03.06	Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height during October	1111	124.27	100 Nos.,	1381
03.05.01	Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - proportionate cost - 0.60 times	100	608.27	100 Rmt	608
				Total	1989
					1989
				Unit Rate for 2020-21	

Forest Divisional Officer,

Asifabad

Asifabad

183

NPV Charges to be collected pertaining to Diversion of 2.6325 Ha of Forest land for BT Road from "R/F PWD Road to Jhaduguda (PWD Road to Kishan Thanda) in compt No 525, Bheempur Block, Bhusimetta Beat, Kerameri Range in Jainoor Mandal of Komurambheem Asifabad District in favour of District Panchyath Raj, Engineer (PIU), Komarambheem- Asifabad District of Kermarei Range of Asifabad Forest Division under Komarambheem District.

Sl No	Range	Section	Beat	RF	Compt. No	Diversion area in Ha	Vegetation status	Eco Value class	NPV rate per Ha in Lakhs (As per the Hon'ble Supreme Court of India Judgement dated 28.03.2008 (Rs. in Lakhs per Ha)	Total NPV amount in Lakhs (6 x 9)
1	2	3	4	5	6	7	8	9	10	
1	Kerameri	Daboli	Bhusimetta	Bheempur	525	2.6325	Open Forest	Eco Class-III	6.260	16.479

Forest Divisional Officer,  
Asifabad  
Forest Divisional Officer  
Asifabad

District Forest Officer  
Komaram Bheem  
(Asifabad)

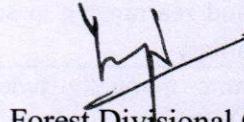
~~357~~  
UNIT COST FOR CONVERSION FROM 6"x8" to 9"x11"

Sl. No.	FSR-2020- 21 Code	Item of work	Unit	Quantity	As per FSR		Amount (Rs.)
					Rate (Rs)	Per	
		<b>CONVERSION of Root Trainer plants or 4"x7" or 5"x9" bag-plants into higher size bags</b> - to be done during September - October. At the time of conversion, the height of the plants should be at least above 0.45m in height (excluding the height of polybag).					
		<b>Cost and Transport of ingredients for Potting Mixture:</b> Red Soil, tank-silt / clayey soil, FYM in 2:1:1 ratio. To this soil mixture, 220 gm of Indophyll M-45, 4.5 kg of single super phosphate (SSP) and 250 gm of phorate granules per 1 cum of potting mixture will be added. Cost of chemicals is as per actuals.					
01.03.21		<b>Transportation of soil mixture ingredients</b>					
		<b>Distance up to 5 km</b>					
1	h	(h) 6" x 8" to 9" x 11" bags ( 4.717 - 1.433 = 3.284 cum) ( 500 Bags per Bed)	No	500	1250.29	1000	625.15
01.03.22		<b>Transportation of soil mixture ingredients more than 5 km distance and upto 25 km distance</b>					
2	j	(j) 6" x 8" to 9" x 11" bags ( 4.717 - 1.433 = 3.284 cum)	No	500	30.16	1000	15.08
01.03.24		<b>Preparation of Potting Mixture</b> by powdering of various ingredients, sieving and mixing them in prescribed proportion; opening of bags and filling with potting mixture partially, tearing the polybag plants and repotting them inside bigger bags and filling the rest of bags; gently pressing the same with finger tips and arranging in beds of 10x1 m size (6"x12" size: 1100 bag plants / bed and 8"x12" size": 800 bag plants per bed)					
3	h	(h) 6" x 8" to 9" x 11" bags ( 4.717 - 1.433 = 3.284 cum)	No	500	2165.28	1000	1082.64
01.03.30		<b>Weeding the plants</b> (1100 no. of 6"x12"bags; 800 no. of 8"x12" bags; and 400 no. of 10"x16" bags) from November - March: 2 weedings					
4		<b>Weeding the plants (2 weedings)</b>	Bed	2	52.66	1	105.32
5	01.03.31	<b>Shifting, Grading and rearranging in secondary beds - One Grading in February</b>	Bed	2	245.96	1	491.92
01.03.32		<b>Watering the plants manually twice a day</b> (from Novemebr - March) with rose spray or finely perforated nozzle attached to a hose pipe.					
6	a	Manually with rose spray or finely perforated nozzle attached to a hose pipe	Bed	5	286.81	1	1434.05
01.03.37		<b>Cost of foliar nutrient formulations like multiplex or NPK-19:19:19; fungicides and insecticides from July to Oct.</b>					30.00
7	01.05.04	<b>Cost of Protection:</b> One Nursery Watcher is allowed up to 1 lakh RT nursery or 100 secondary beds of polybags / 100 Teak beds of 10 x 1 m size or combination of both. One additional Nursery Watcher is permitted for nurseries having more than 1 lakh upto 3 lakh RT seedlings or more than 100 upto 300 secondary beds or Teak beds of 10 x 1 m size or combination of both. For more than 3 lakh RT or 300 secondary beds of Teak beds or combination of both another additional Nursery Watcher is allowed. While calculating the number of Nursery Watcher, care shall be taken to include the nursery raising under all Schemes at a particular site. No extra Nursery Watcher is allowed for primary beds of 1x1 m size. However, the above narrative is subject to the provisions cited under general instructions.	Bed	4	9194.85	100	367.79
8		<b>Cost of the ploythene bags</b>					2340.00
9	01.03.39	<b>Electricity charges</b>					500.00
		<b>Total</b>					6991.95
10	01.03.38	<b>Contingencies @ 5%</b>					349.597
		<b>2020-21 Total for 500 plants</b>					7341.55
		<b>cost of each plant</b>					14.6831

Forest Divisional Officer  
Adilabad  
8/5/21

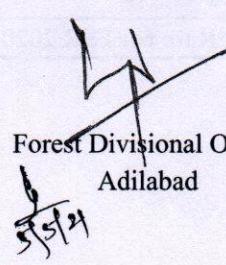
**UNIT COST FOR MAINTENANCE OF BAG PLANTS (September to till disposal) (9x11)**

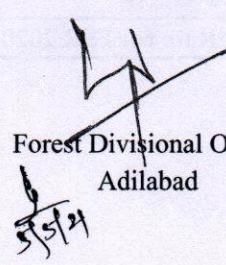
Sl. No.	FSR-2020- 21 Code	Item of work	Unit	Quantity	As per FSR		Amount (Rs.)
					Rate (Rs.)	Per	
		<b>MAINTENANCE OF BAG NURSERY FROM SEPTEMBER TO TILL DISPOSAL</b>					
1	<b>01.05.01</b>	Watering plants for 10 m X 1 m size secondary bed	Bed/month	4	177.14	1	708.56
2	<b>01.05.02</b>	Shifting, grading and rearrangement in beds	Bed/weeding	1	245.96	1	245.96
3	<b>01.05.04</b>	<b>Cost of Protection:</b> One Nursery Watcher is allowed up to 1 lakh RT nursery or 100 secondary beds of polybags / 100 Teak beds of 10 x 1 m size or combination of both. One additional Nursery Watcher is permitted for nurseries having more than 1 lakh upto 3 lakh RT seedlings or more than 100 upto 300 secondary beds or Teak beds of 10 x 1 m size or combination of both. For more than 3 lakh RT or 300 secondary beds of Teak beds or combination of both another additional Nursery Watcher is allowed. While calculating the number of Nursery Watcher, care shall be taken to include the nursery raising under all Schemes at a particular site. No extra Nursery Watcher is allowed for primary beds of 1x1 m size. However, the above narrative is subject to the provisions cited under general instructions.	Watcher/month	5	9194.85	100	459.74
		<b>Total</b>					<b>1414.26</b>
		<b>cost of each plant (500 Plants per bed)</b>					2.8285

  
 Forest Divisional Officer  
 Adilabad



Sl. No.	FSR-2020-21 Code	Item of work	Unit	Quantity	As per FSR		Amount (Rs.)
					Rate (Rs.)	Per	
	<b>01.04.00</b>	<b>MAINTAINANCE OF BAG PLANTS NURSERY UPTO PLANTING SEASON (APRIL TO AUGUST)</b> for 10 m X 1 m size secondary beds (2600 Nos of 4" X 7" bags; 1700 Nos of 5" X9" bags ; 1100 Nos. of 6"X12" bags; 800 Nos. of 8"X12" bags; 400 Nos. of 10"x16" bags per bed)					
	<b>01.04.01</b>	Watering polybag secondary beds twice a day for 4 months					
1	a	Manually with rose spray or finely perforated nozzle attached to a hose pipe	Bed/month	4	286.76	1	1147.04
2	<b>01.04.02</b>	Weeding once during maintenance year	Bed/weeding	1	52.66	1	52.66
3	<b>01.04.03</b>	Shifting, grading and rearrangement in beds	Bed/shifting	2	245.96	1	491.92
4	<b>01.04.05</b>	Cost of foliar nutrient formulations like multiplex or NPK-19:19:19; fungicides and insecticides from April to August	As per actuals	1	20.00	1	20.00
	<b>01.04.06</b>	Cowdung Slurry application (One can apply chemical foliar spray or apply cowdung slurry - not both)					
5	a	Cost and transportation of fresh cowdung	As per actuals	1	25.00	1	25.00
6	<b>01.04.07</b>	Weeding in the space between the beds, inspection path and sorroundings of Nursery	Bed	1	28.98	1	28.98
7	<b>01.05.04</b>	<b>Cost of Protection:</b> One Nursery Watcher is allowed up to 1 lakh RT nursery or 100 secondary beds of polybags / 100 Teak beds of 10 x 1 m size or combination of both. One additional Nursery Watcher is permitted for nurseries having more than 1 lakh upto 3 lakh RT seedlings or more than 100 upto 300 secondray beds or Teak beds of 10 x 1 m size or combination of both. For more than 3 lakh RT or 300 secodary beds of Teak beds or combination of both another additional Nursery Watcher is allowed. While calculating the number of Nursery Watcher, care shall be taken to include the nursery raising under all Schemes at a particular site. No extra Nursery Watcher is allowed for primary beds of 1x1 m size. However, the above narrative is subject to the provisions cited under general instructions.	Watcher/month	4	9194.85	100	367.79
8	<b>01.04.09</b>	Electricity charges			500.00		500.00
		<b>Total</b>					<b>2633.39</b>
9	<b>01.04.08</b>	Contingencies @ 5%					<b>131.67</b>
		<b>2020-21 Total</b>					<b>2765.06</b>
		<b>cost of each plant (500 Plants per bed)</b>					<b>5.5301</b>

  
 Forest Divisional Officer  
 Adilabad

  
 5/5/21

**Unit Cost for Advance Operations for Raising of N.T.S.H. Plantations 3m X 3m. (SMM)-FSR-  
2020-21**

**Unit Rate per Ha**

FSR Code	Item of work	Qty	Rate (Rs.)	Per	Amount (Rs.)
1	2	4	5	6	7
02.08.01	Survey with GPS (Only staff to carry out) (Staff to carryout GPS Survey. One manday is allowed for assistance)	1	374.48	Plantation	374
02.08.02	Clearing unsalable unwanted jungle growth				
	(a) Sparse Jungle growth (< 10% ground area covered with Jungle growth)	0.4	2081.36	Ha	833
	(b) Very Light Jungle growth (>10% and up to 20% ground area covered with Jungle growth)	0.4	3128.53	Ha	1251
	(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	7350.00	Ha	1470
02.08.03	Uprootal of stumps				
	(a) Sparse Jungle growth (< 10% ground area covered with Jungle growth)	0.4	5184.30	Ha	2074
	(b) Very Light Jungle growth (>10% and up to 20% ground area covered with Jungle growth)	0.4	10034.10	Ha	4014
	(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	13044.80	Ha	2609
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	5796.11	Ha	2318
	(b) Very Light Jungle growth (>10% and up to 20% ground area covered with Jungle growth)	0.4	9197.79	Ha	3679
	(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	10724.65	Ha	2145
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	16378.65	Ha	16379
<b>Unit Rate for FSR 2020-21</b>					<b>37146</b>

Forest Divisional Officer  
Adilabad

3/3/21

**Unit Cost for Raising of N.T.S.H. Plantations 3m X 3m. (SMM)-FSR-2020-21**

**Unit Rate per Ha**

<b>Code</b>	<b>Item of work</b>	<b>Qty</b>	<b>Rate (Rs.)</b>	<b>Per</b>	<b>Amount</b>
					<b>(Rs.)</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>
02.09.02	<b>Deep Ploughing</b> 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 untilled areas - Hard Soils</b>	1	5109.90	Ha	5110
02.09.01	Removing congestion of root suckers and other uprooted material hindering the effective ploughing	1	1066.07	1	1066
02.09.04	© Alignment and staking including laying base line for Misc species with espacement 3mX3m (1111 Nos)	1111	89.36	100	993
02.09.05 (ii)	Cost of preparation of stakes ( 2.00 m length) and transportation to site. ( Subject to condition that the seedling height is 1.5. to 2.00 M)	1111	1200.00	100	13332
02.09.06	© Digging of 45 cm cube size pits	1111	10.66	1	11843
	<b>Transportation</b> of Bag plants / Root trainer plants from nursery site to plantation site including loading and unloading				
02.09.07	upto 5 Km lead(20X30 cm (9"X11")bag plants)	1111	243.66	100	2707
02.09.08	5 Km to 25 Km lead(20X30 cm (9"X11")bag plants)	1111	171.20	100	1902
	Internal transport of bag plants/root trainers to planting points on head loads.				
02.09.10	20X30 cm (9"X11")bag plants	1111	168.84	100	1876
02.09.11	Cost of SSP, Chloridine dust or Chloropyriphos	1111	2.00	1	2222
a	Application of 50gm of SSP per pit	1111	39.27	100	436
	<b>Planting Bag Plants</b>				
02.09.12	Planting in 45 cm <sup>3</sup> Pit	1111	437.48	100	4860
02.15.10	Cost of supporting stake of 2.5 m long sturdy and straight and minimum 10 cm girth at base	1111	1653.75	100	18373
02.09.14 (a &b)	Watering to the plants - 2 waterings	1111	529.72	100	5885
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.		
	Pitting	222	5.33	1	1183
	Transportation Up to 5 Km + Beyond 5 Km)	222	414.86	100	921
	Internal Transportation	222	168.84	100	375
	Planting	222	437.48	100	971
02.09.16	Cost of DAP @25gm / planting point	1111	2.00	1	2222
02.09.17	<b>Application</b> 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	39.27	100	436
02.09.18	<i>Weeding and saucer formation to a radius of 0.5 mts around the plant immediately after planting (i.e) during June.</i>	1111	124.95	100	1388
02.09.19	Circular weeding cum Deep Soil working to a radius of 0.5m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (during Nov - Dec)	1111	656.25	100	7291
02.09.20	<b>Inter-ploughing</b> (during November) 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	1	3184.50	1	3185
02.09.22	Uprootal of Mahaveera Weed	1	3650.90	1	3651
02.09.25	<b>Cost of Protection: One Watcher</b> is allowed for 10-30 ha. plantation; <b>One more Watcher</b> 9194 x 9 = 82753.7 /20	1	4137.68	Ha	4138
02.09.24	Contingencies provision for Raising of plantaitons: i) Fixing of Plantation Boards and Corner Stones ii) Contingencies and Miscellaneous (with in 5% of the estimate cost subject to ceiling of Rs. 5,000/-)				1000
	<b>Unit Rate for FSR 2020-21</b>				<b>97366</b>

Forest Divisional Officer  
Adilabad

SFSTW

**Unit Cost for 1st Year Maintenance of NTSH Plantation (3 m X 3 m) SMM per Ha -FSR-2020-21**

FSR Code	Item of work	Unit Rate per Ha			
		Qty	Rate (Rs.)	Per	Amount (Rs.)
1	2	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 45 cm cube size pits -	278	10.660	1	2963
02.09.07	Transportation up 5km	278	243.66	100	677
02.09.08	Transportation beyond 5 Km (25 - 5) = 20 KM	278	171.20	100	476
02.09.10	Internal Transportation	278	168.84	100	469
02.09.12	Planting in 45 cm <sup>3</sup> Pit	278	437.48	100	1216
02.09.16	Cost of DAP @25gm / planting point	1111	1.00	1	1111
02.09.17	<b>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 &amp; closing. - 50% of rate</b>	1111	39.27	100	436
02.10.02	Weeding and saucer formation to a radius of 0.5 mts around the plant immediately after planting (i.e) during June.	1111	124.95	100	1388
02.10.03	Circular weeding cum Deep Soil working to a radius of 0.5m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (during Nov - Dec)	1111	656.25	100	7291
02.10.04	Uproot of Mahaveera	1	3650.90	Ha	3651
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	2321.40	Ha	2321
02.10.06	Pruning of flower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be done during July - Aug)	1111	124.27	100	1381
02.10.09	<b>Cost of Protection: One Watcher is allowed for 10-30 ha. plantation; 9194.85 x 12 = 110338 / 20</b>	1	5517	Ha	5517
02.10.08	Contingencies provision for Raising of plantaitons: i) Fixing of Plantation Boards and Corner Stones ii) Contingencies and Miscellaneous (with in 5% of the estimate cost subject to ceiling of Rs. 5,000/-)				600
<b>Unit Rate for 2020-21</b>					<b>29497</b>

Forest Divisional Officer  
Adilabad

5/5/21

**Unit Cost for 2nd Year Maintenance of NTSH Plantation (3m x 3m )SMM per Ha -**  
**FSR-2020-21**

<b>FSR Code</b>	<b>Item of work</b>	<b>Unit Rate per Ha</b>			
		<b>Qty</b>	<b>Rate (Rs.)</b>	<b>Per</b>	<b>Amount (Rs.)</b>
<b>1</b>	<b>2</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>
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) - <b>20% proposed</b>		50% of rate of original pitting rate during raising year and 100% during maintenance years. Planting, Transportation and		
02.09.06	Digging of 45 cm cube size pits -	222	10.660	1	2367
02.09.07	Transportation up 5km	222	243.66	100	541
02.09.08	Transportation beyond 5 Km (25 - 5) = 20 KM	222	171.20	100	380
02.09.10	Internal Transportation	222	168.84	100	375
02.09.12	Planting in 45 cm <sup>3</sup> Pit	222	437.48	100	971
02.11.02	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	656.25	100	7291.00
02.11.03	Pruning of flower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be done during July - Auf)	1111	124.27	100	1381.00
02.10.04	Uprootal of Mahaveera (60% of the area)	0.60	3650.90	Ha	2191
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	6.14	Rmt	614
02.11.05	<b>Cost of Protection: One Watcher</b> is allowed for 10-30 ha. plantation; 9194.85 x 12 = 110338 / 20	1	5517	Ha	5517.00
02.11.06	Contingencies provision for Raising of plantaitons: i) Fixing of Plantation Boards and Corner Stones ii) Contingencies and Miscellaneous (with in 5% of the estimate cost subject to ceiling of Rs. 5,000/-)				500
<b>Unit Rate for 2020-21</b>					<b>22128</b>

Forest Divisional Officer  
Adilabad

SF 21

**Unit Cost for 3rd Year Maintenance of NTSH Plantation (3m x 3m ) SMM per Ha -FSR-2020-21**

**Unit Rate per Ha**

FSR Code	Item of work	Qty	Rate (Rs.)	Per	Amount (Rs.)
1	2	4	5	6	7
02.11.02	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	656.25	100	7291
02.11.03	Pruning of flower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be done during July - Aug)	1111	124.27	100	1381
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	364.96	100 Rmt	365
02.11.05	<b>Cost of Protection: One Watcher is allowed for 10-30 ha. plantation; 9194.85 x 12 = 110338 / 20</b>	1	5517	Ha	5517.00
<b>Unit Rate for 2020-21</b>					<b>14554</b>

Forest Divisional Officer  
Adilabad

5/5/21

**Unit Cost for 4th Year Maintenance of NTSH Plantation (3m x 3m ) SMM per Ha -FSR-2020-21**

FSR Code	Item of work	Unit Rate per Ha			
		Qty	Rate (Rs.)	Per	Amount (Rs.)
1	2	3	4	5	6
02.11.02	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	656.25	100	7291
02.11.03	Pruning of flower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be done during July - Aug)	1111	124.27	100	1381
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	364.96	100 Rmt	365
02.11.05	<b>Cost of Protection: One Watcher</b> is allowed for 10-30 ha. plantation; $9194.85 \times 12 = 110338 / 10$	1	5517	Ha	5517
<b>Unit Rate for 2020-21</b>					<b>14554</b>

Forest Divisional Officer  
Adilabad

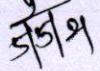
5/5/21

**Unit Cost for 5th Year Maintenance of NTSH Plantation (3m x 3m )SMM per Ha -FSR-2020-****21****Unit Rate per Ha**

<b>FSR Code</b>	<b>Item of work</b>	<b>Qty</b>	<b>Rate (Rs.)</b>	<b>Per</b>	<b>Amount (Rs.)</b>
1	2	3	4	5	6
02.11.02	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	164.06	100	1823
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	364.96	100 Rmt	365
<b>Unit Rate for 2020-21</b>					<b>2188</b>

Forest Divisional Officer

Adilabad



Unit Cost for 6th Year Maintenance of NTSH Plantation (3m x 3m ) SMM per Ha -FSR-2020-21

### **Unit Rate per Ha**

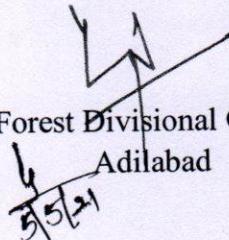
FSR Code	Item of work	Qty	Rate (Rs.)	Per	Amount (Rs.)
1	2	4	5	6	7
02.11.03	Pruning of flower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be done during July - Aug)	1111	124.27	100	1381
03.05.01	Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - propotionate cost - 0.60 times	100	364.96	100 Rmt	365
	Unit Rate for FSR 2020-21				1746

Forest Divisional Officer  
Adilabad

ੴ

**Unit Cost for 7th Year Maintenance of NTSH Plantation (3m x 3m ) SMM per Ha FSR-2020-21**

<b>Unit Rate per Ha</b>					
<b>FSR Code</b>	<b>Item of work</b>	<b>Qty</b>	<b>Rate (Rs.)</b>	<b>Per</b>	<b>Amount (Rs.)</b>
1	2	4	5	6	7
02.11.02	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	164.06	100	1823
03.05.01	Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - proportionate cost - 0.60 times	100	364.96	100 Rmt	365
<b>Unit Rate for FSR 2020-21</b>					<b>2188</b>

  
 Forest Divisional Officer  
 Adilabad  
 3/5/21

Unit Cost for 8th Year Maintenance of NTSH Plantation (3m x 3m ) SMM per Ha -FSR-2020-21

FSR Code	Item of work	Unit Rate per Ha			
		Qty	Rate (Rs.)	Per	Amount (Rs.)
1	2	4	5	6	7
02.11.03	Pruning of flower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be done during July - Aug)	1111	124.27	100	1381
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	364.96	100 Rmt	365
	<b>Unit Rate for FSR 2020-21</b>				<b>1746</b>

Forest Divisional Officer  
Adilabad  
5/5/21

**Unit Cost for 9th Year Maintenance of NTSH Plantation (3m x 3m )SMM per Ha -FSR-2020-21**

**Unit Rate per Ha**

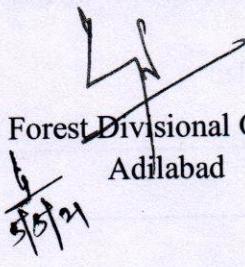
<b>FSR Code</b>	<b>Item of work</b>	<b>Unit Rate per Ha</b>			
		<b>Qty</b>	<b>Rate (Rs.)</b>	<b>Per</b>	<b>Amount (Rs.)</b>
1	2	4	5	6	7
02.11.02	Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick axe only) without damaging the plant. (July-Aug)- the work will be carried out between 1 m to 1.1 m in a ring formation- Hence <b>25% of cost adopted</b>	1111	124.27	100	1381
03.05.01	Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - proportionate cost - 0.60 times	100	364.96	100 Rmt	365
<b>Unit Rate for FSR 2020-21</b>					<b>1746</b>

Forest Divisional Officer  
Adilabad

5/5/21

**Unit Cost for 10th Year Maintenance of NTSH Plantation (3m x 3m ) SMM per Ha -FSR-2020-21**

<b>FSR Code</b>	<b>Item of work</b>	<b>Unit Rate per Ha</b>			<b>Amount (Rs.)</b>
		<b>Qty</b>	<b>Rate (Rs.)</b>	<b>Per</b>	
<b>1</b>	<b>2</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>
02.11.03	Pruning of flower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be done during July - Aug)	1111	124.27	100	1381
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	364.96	100 Rmt	365
<b>Unit Rate for FSR 2020-21</b>					<b>1746</b>

  
 Forest Divisional Officer  
 Adilabad

**Unit cost for Digging of Cattle Proof Trench (CPT) along the RF Boundary for 2020-21**

**Unit cost for 1.00 KM**

<b>I.N o</b>	<b>Particulars</b>	<b>F.S.R. Item No.</b>	<b>Quantity</b>		<b>Rate</b>	<b>Per</b>	<b>Amount</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>		<b>5</b>	<b>6</b>	<b>7</b>
1	Digging of CPT along the Reserve Forest Boundary line of Nambal Reserve Forest with the Machinary including excavation in all kinds of soils and depositing the excavation earth as directed with Minimum lead and lifts including cost of Machinary and labour 1000 Mtrs x((1m+1.5m)/2)x1m = 1250 Cu.m ( per KM)		1250	Cum	42.30	Cum	52875
			<b>Total :</b>				
			<b>Add SGST (6 %) :</b>				
			<b>Add CGST ( 6 %) :</b>				
			<b>Add CESS ( 1 %) :</b>				
			<b>Grand Total :</b>				
			<b>Or</b>				
			<b>60000</b>				

Forest Divisional Officer  
Adilabad

55/01

## Unit cost for Stabilization of RF Block boundary ( CPT Bund stabilization) FSR 2020-21

Sl. No.	FSR Item No.	Nature of work	Area in Ha/Km. :		1.00	KM	Per	Amount
			4	5	6	7		
<b>First year operations in ANR areas</b>								
1	03.02.02	1) Planting of :- (A) 2 rows of Gachakaya (Caesalpinia bonduc) seedlings in 2 staggered rows of 1x1 m apart in the trench mound						
		(A) 2 rows of Gachakaya (Caesalpinia bonduc) seedlings in 2 staggered rows in 1x1 m spacement (row to row 1 m and within the row 1 m spacing) on the outer slope of the trench mound.						
		(a) Alignment & Stacking (in 2 staggered rows)	2000	Nos	80.38	100	Nos	1608
		(b) Cost of preparation of stakes (0.45 m length) and transportation to site	2000	Nos	56.96	100	Nos	1139
		(c) Digging of 30 cm <sup>3</sup> pits to be done during June	2000	Nos	4.78	1	No	9560
		(e) Transportation of seedlings (including loading and unloading) & Internal transport –						
		(iii) From nursery to plantation site - upto 5 Km lead (4"X7") bag plants	2000	Nos	35.33	100	Nos	707
		(iv) From nursery to plantation site - beyond 5 Km upto 25 km lead (4"X7") bag plants ( 20 Kms X 1.30=26.00 )	2000	Nos	26.00	100	Nos	520
		(g) Internal transportation of 4"X7" bag plants to planting points on Head loads	2000	Nos	40.16	100	Nos	803
		(h) Planting with 2.00 m apart in two row (1000 Nos. per km) and formation of saucer on lower slope to hold water.	2000	Nos	140.60	100	Nos	2812
2		(B) 1 row of wild edible fruit species on the ridge line of the trench mound at 2 m apart ( Bag Planting)						
		(a) Allignment & Stacking (in 2 staggered rows)	500	Nos	80.38	100	Nos	402
		(b) Cost of preparation of stakes (0.45 m length) and transportation to site	500	Nos	56.96	100	Nos	285
		(d) Digging of 30 cm <sup>3</sup> pits (50% of original rate) to be done during June	500	Nos	4.78	1	No	2390
		(e) Transportation of seedlings (including loading and unloading) & Internal transport –						
		(i) From nursery to plantation site – upto 5 Km lead - (4"x7") bag plants	500	Nos	35.33	100	Nos	177
		(ii) From nursery to plantation site - beyond 5 Km lead - for every extra km beyond 5 km upto 25 km ( 20 x 1.30=41.00 )	500	Nos	26.00	100	Nos	130
		(f) Internal transportation of 4"X7" bag plants to planting points on Head loads	500	Nos	40.16	100	Nos	201
		(h)Planting with 2 m apart in one row (500Nos. per km)	500	Nos	140.60	100	Nos	703
3		(C) bamboo (Dendrocalamus strictus) seedlings / rhizome(2-3 yr old) at 4 m apart in the middle of the inner slope of the mound ( Bag planting)						
		(a) Allignment & Stacking (in 2 staggered rows)	250	Nos	80.38	100	Nos	201
		(b) Cost of preparation of stakes (0.45 m length) and transportation to site	250	Nos	56.96	100	Nos	142
		(d) Digging of 45 cm <sup>3</sup> pits (50% of original rate) to be done during June	250	Nos	18.06	1	No	4515
		(e) Transportation of seedlings (including loading and unloading) & Internal transport –						
		(i) From nursery to plantation site – upto 5 Km lead - (6"x8") bag plants	250	Nos	104.43	100	Nos	261
		(ii) From nursery to plantation site - beyond 5 Km lead - for every extra km beyond 5 km upto 25 km ( 20 x 3.66=73.20 )	250	Nos	73.20	100	Nos	183
		(f) Internal transportation of 6"X8" bag plants to planting points on Head loads	250	Nos	61.20	100	Nos	153
		(h)Planting with 4 m apart in one row ( 250 Nos. per km)	250	Nos	140.60	100	Nos	352
4		(D) broadcasting of pretreated (overnight soaking in boiled water) Babul (Acacia nilotica) seeds inside trench @ 500gms per km by staff						0
		<b>Total</b>						27243

2020-21

27244.00

Forest Divisional Officer  
Adilabad

5/5/21