
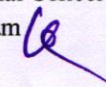


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UNIT COST FOR MAINTENANCE OF BAG PLANTS (September to till disposal) (9x11) - FSR 2021-22

Sl. No.	FSR-2021-22 Code	Item of work	Unit	Quantity	As per FSR		Amount (Rs.)
					Rate (Rs.)	Per	
		MAINTENANCE OF BAG NURSERY FROM SEPTEMBER TO TILL DISPOSAL					
1	01.05.01	Watering plants for 10 m X 1 m size secondary bed	Bed/month	4	185.99	1	743.96
2	01.05.02	Shifting, grading and rearrangement in beds	Bed/weeding	1	258.26	1	258.26
3	01.05.04	Cost of Protection: 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	9654.59	100	482.73
		Total					1484.95
		cost of each plant (500 Plants per bed)					2.9699


 Forest Divisional Officer
 Jannaram 

UNIT COST FOR MAINTENANCE OF BAG PLANTS (April to August) FSR -2021-22

Sl. No.	FSR-2021-22 Code	Item of work	Unit	Quantity	As per FSR		Amount (Rs.)
					Rate (Rs.)	Per	
	01.04.00	MAINTAINANCE OF BAG PLANTS NURSERY UPTO PLANTING SEASON (APRIL TO AUGUST) for 10 m X 1 m size secondary beds (2600 Nos of 4" X 7" bags; 1700 Nos of 5" X 9" bags ; 1100 Nos. of 6"X12" bags; 800 Nos. of 8"X12" bags; 400 Nos. of 10"x16" bags per bed)					
	01.04.01	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	301.09	1	1204.36
2	01.04.02	Weeding once during maintenance year	Bed/weeding	1	55.29	1	55.29
3	01.04.03	Shifting, grading and rearrangement in beds	Bed/shifting	2	258.26	1	516.52
4	01.04.05	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
	01.04.06	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	01.04.07	Weeding in the space between the beds, inspection path and surroundings of Nursery	Bed	1	30.43	1	30.43
7	01.05.04	Cost of Protection: 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	4	9654.59	100	386.18
8	01.04.09	Electricity charges			550.00		550.00
		Total					2787.78
9	01.04.08	Contingencies @ 5%					139.39
		2021-22 Total					2927.17
		cost of each plant (500 Plants per bed)					5.8543

Forest Divisional Officer
Jannaram

UNIT COST FOR CONVERSION FROM 6"x8" to 9"x11" (FSR -2021- 22)

Sl. No.	FSR 2021-22 Code	Item of work	Unit	Quantity	As per FSR		Amount (Rs.)
					Rate (Rs)	Per	
		CONVERSION of Root Trainer plants or 4"x7" or 5"x9" bag-plants into higher size bags - 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).					
		Cost and Transport of ingredients for Potting Mixture: 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	Transportation of soil mixture ingredients					
		Distance up to 5 km					
1	h	(h) 6" x 8" to 9" x 11" bags (4.717 - 1.433 = 3.284 cum) (500 Bags per Bed)	No	500	1312.81	1000	656.41
	01.03.22	Transportation of soil mixture ingredients more than 5 km distance and upto 25 km distance					
2	j	(j) 6" x 8" to 9" x 11" bags (4.717 - 1.433 = 3.284 cum)	No	500	33.18	1000	16.59
	01.03.24	Preparation of Potting Mixture 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	2273.54	1000	1136.77
	01.03.31	Weeding the plants (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		Weeding the plants (2 weedings)	Bed	2	55.29	1	110.58
5	01.03.32	Shifting, Grading and rearranging in secondary beds - One Grading in February	Bed	2	258.26	1	516.52
	01.03.33	Watering the plants manually twice a day (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	301.15	1	1505.75
	01.03.37	Cost of foliar nutrient formulations like multiplex or NPK-19:19:19; fungicides and insecticides from July to Oct.					35.00
7	01.05.04	Cost of Protection: 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 bedsor 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	9654.59	100	386.18
8		Cost of the ploythene bags					2500.00
9	01.03.39	Electricity charges					600.00
		Total					7463.80
10	01.03.38	Contingencies @ 5%					373.190
		Total for 500 plants					7836.99
		cost of each plant					15.6740

Forest Divisional Officer,

Jannaram

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Advance Operations under Labour Intensive Method with 5m x 5m espacement

Unit area 1.00 Ha,

FSR Item No. 2021-22	Description	Quantity	Rate (Rs.)	Per	Amount (Rs.)
02.01.00	ADVANCE OPERATION (PRE-PLANTING OPERATION) - 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	393.21	Plantation	393
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	2185.43	Ha	874
	(b) Very light jungle growth (>10% and upto 20% covered with Jungle growth)	0.40	3284.95	Ha	1314
	(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	7717.5	Ha	1544
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.	150	6.45	Rmt	968
02.01.05	Alignment and stacking including demarcation of baseline				
	(a) 5 x 5 m espacement	400	124.86	100 No's	499
02.01.04	Cost of preparation of stakes (0.45 m length) and transportation to site	400	59.81	100 No's	239
02.15.03	Digging of pits between January to March 1.60 cm ³ size (0.216 cum) in hard gravelly and moram soil (Manual)	400	63.72	Each	25488
02.01.08	Digging of SCTs	0	344.74	cum	0
	Cost and transportation of soil mixtue for filling half of the pit and spreading around the pit - 0.6 x 0.6 x 0.6 = 0.216 cum = 0.5 * 0.216 = 0.108 Cum (400 * 0.108 = 43.02 cum per pit)	43.2	388.34	cum	16776
	Unit Rate for 2021-22		Total		48095

Forest Divisional Officer,
Jannaram

Raising of Plantation under Labour Intensive Method with 5m x 5m espacement

Unit area 1.00 Ha.

FSR Item No. 2021-22	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)				
	(9"X11") bag plants	400	268.03	100 Nos.,	1072.00
02.02.02	Transportation of Planting Stock (including loading and unloading) more than 5 km distance and upto 25 km distance				
	(9"X11") bag plants (20 x 9.42=188.40)	400	188.40	100 Nos.,	754.00
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)				
	(9"X11") bag plants (20 x 4.57 = 91.40)	400	91.40	100 Nos.,	366.00
02.02.04	Internal transportation to planting points on head loads				
	(9"X11") bag plants	400	173.08	100 Nos.,	692.00
	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	400	41.23	100 Nos.,	165
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	C- Planting in 60 cm ³ Pit	400	1019.43	100 Nos.,	4078
02.01.04	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)	400	1260.00	100.00	5040
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 (278.11 x 4 = 1112.44)	400	1112.44	100 Nos.,	4450
02.02.10	Replacement of Casualties: 20% during Raising Year & 25% in 1 st 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 1 Mt cube size in hard gravelly and moram by machine	80	63.72	Each	5098
02.02.01	Transportation of planting stock (including loading and unloading upto a distance of 5 Kms)	80	268.03	100 Nos.,	214
02.02.02	Transportation of Planting Stock (including loading and unloading) more than 5 km distance and upto 25 km distance (20 x 9.42 = 188.40)	80	188.40	100 Nos.,	151
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) (20 x 4.57= 91.40)	80	91.40	100 Nos.,	73
02.02.04	Internal transportation to planting points on head loads	80	173.08	100 Nos.,	138
02.02.07	(b) Planting in 60 cm ³ Pit	80	1019.43	100 Nos.,	816
02.02.11	Cost of DAP @ 25 gm / planting point	400	1.20	Each	480
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.	400	41.23	100 Nos.,	165

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FSR Item No. 2021-22	Description	Quantity	Rate (Rs.)	Per	Amount (Rs.)
02.02.13	Weeding and saucer formation to a radius of 0.5 mts around the plant immediately after planting (i.e) during June.	400	131.20	100 Nos.,	525
02.02.14	Circular weeding to a radius of 0.50 m around the plant (i.e., Aug - Sept)	400	131.20	100 Nos.,	525
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	400	689.06	100 Nos.,	2756
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)				
	High rainfall zone > 800 m	1	1536.44	Ha.	1536
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	6.45	Rmt	645
02.02.21	Cost of Protection: (a) For fenced area: One Casual labour is allowed for the plantation more than 10.00 ha but less than 30.00 ha. in extent and two Casual labourers are allowed for more than 30.00 ha. Rs.9655 x 9 = 86895 / 20	1	4345	Ha	4345
	Unit Rate for 2021-22		Total		36306

Forest Divisional Officer,
Jannaram

225

1st year maintenance of Plantation under Labour Intensive Method with 5m x 5m espacement

Unit area 1.00 Ha.

FSR Item No. 2021-22	Description	Quantity	Rate (Rs.)	Per	Amount (Rs.)
01.03.05	Cost of transportation of soil mixture 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	5.4	352.23	cum	1902
02.03.01	Replacement of Casualties: 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 1 Mt cube size in hard gravelly and moram by machine	100	63.72	Each	6372
02.02.01	Transportation of planting stock (including loading and unloading upto a distance of 5 Kms)	100	268.03	100 Nos.,	268
02.02.02	Transportation of Planting Stock (including loading and unloading) more than 5 km distance and upto 25 km distance	100	188.40	100 Nos.,	188
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)	100	91.40	100 Nos.,	91
02.02.04	Internal transportation to planting points on head loads	100	173.08	100 Nos.,	173
02.02.07	(b) Planting in 60 cm ³ Pit	100	1019.43	100 Nos.,	1019
02.02.11	Cost of DAP @ 25 gm / planting point	400	1.12	Each	448
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	400	1112.44	100 Nos.,	4450
02.03.02	Weeding and saucer formation to a radius of 0.5 mts around the plant immediately after planting (i.e) during June.	400	131.20	100 Nos.,	525
02.03.03	Circular weeding to a radius of 0.50 m around the plant (i.e. Aug - Sept)	400	131.20	100 Nos.,	525
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	400	689.06	100 Nos.,	2756
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)				
	High rainfall zone > 800 mm	1	1536.44	Ha.	1536
02.03.06	Pruning of lower branch initials of Timber and NTFP species by sciculture upto 1/3 rd height during October	400	130.48	100 Nos.,	522
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	638.68	100 Rmt	639
02.10.09	Cost of Protection: (a) For fenced area: One Casual labour is allowed for the plantation more than 10.00 ha but less than 30.00 ha. in extent and two Casual labourers are allowed for more than 30.00 ha. Rs.9655 x 12 = 115860 / 20	1	5793	Ha	5793
	Unit Rate for 2021-22		Total		27207

Forest Divisional Officer,
Jannaram

3rd year maintenance Plantatation under Labour Intensive Method with 5m x 5m 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.	400	131.20	100 Nos.,	525
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	400	689.06	100 Nos.,	2756
02.03.06	Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height during October	400	130.48	100 Nos.,	522
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	383.21	100 Rmt	383
02.04.06	Cost of Protection: (a) For fenced area: One Casual labour is allowed for the plantation more than 10.00 ha but less than 30.00 ha. in extent and two Casual labourers are allowed for more than 30.00 ha. Rs.Rs.9655 x 12 = 115860 / 20	1	5793	Ha	5793
Unit Rate for 2021-22			Total		9979

Forest Divisional Officer,
Jannaram

229 -

5th year maintenance Plantatation under Labour Intensive Method with 5m x 5m 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	400	130.48	100 Nos.,	522
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	400	689.06	100 Nos.,	2756
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	383.21	100 Rmt	383
	Unit Rate for 2021-22		Total		3661

Forest Divisional Officer,
Jannaram

231 -

6th year maintenance Plantatation under Labour Intensive Method with 5m x 5m 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	400	130.48	100 Nos.,	522
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	383.21	100 Rmt	383
	Unit Rate for 2021-22		Total		905

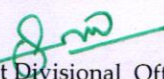

Forest Divisional Officer,
Jannaram

233

7th year maintenance Plantatation under Labour Intensive Method with 5m x 5m 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	400	689.06	100 Nos.,	2756
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	383.21	100 Rmt	383
	Unit Rate for 2021-22		Total		3139


 Forest Divisional Officer,
 Jannaram 

235-

8th year maintenance Plantatation under Labour Intensive Method with 5m x 5m 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	400	130.48	100 Nos.,	522
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	383.21	100 Rmt	383
	Unit Rate for 2021-22		Total		905

Forest Divisional Officer,
Jannaram

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9th year maintenance Plantatation under Labour Intensive Method with 5m x 5m 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	400	689.06	100 Nos.,	2756
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	383.21	100 Rmt	383
	Unit Rate for 2021-22		Total		3139

Forest Divisional Officer,
Jannaram

10th year maintenance Plantatation under Labour Intensive Method with 5m x 5m 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	130.48	100 Nos.,	1450
03.05.01	Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - propotionate cost - 0.60 times	1111	383.21	100 Rmt	383
	Unit Rate for 2021-22		Total		1833

Forest Divisional Officer,

Jannaram

241 -

UNIT COST FOR MEDICINAL PLANTAION ON SCTs (700 plants per Ha) (FSR 2021-22)

SI No	Item No.	Schedule of operations with Specification	Unit	Qty	Rate (in Rs)	Per	Amount
1	2	3	4	5	6	7	8
	03.02.08	Raising					
		A) Alingment and stacking	No	700	84.40	100	591
		B) cost of preparation of stacks (0.45Mts lengh and transportaion to the sites.	No	700	59.81	100	419
		C) Digging of 30 Cmq. Pits to be done during June	No	700	5.02	1	3514
		D) Transportation of Seedlings- up to 5Kms	No	700	114.87	100	804
		- 5 to 25 Kms (20 Km x 4.03 = 80.60)	No	700	80.60	100	564
	03.02.09 (ii)	c) Internal transporation	No	700	64.26	100	450
	03.02.10	d) Planting	No	700	147.62	100	1033
	03.02.11	Replacement of Casualties: 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. (700 & 20% = 140 Nos)	140				
		a) Pitting	No	140	2.51	1	351
		b) Transportation of Seedlings- up to 5Kms	No	140	114.87	100	161
		- 5 to 25 Kms (20 Km x 4.03 = 80.60)	No	140	80.60	100	113
	03.02.09 (ii)	c) Internal transporation	No	140	64.26	100	90
	03.02.10	d) Planting	No	140	147.62	100	207
	03.02.12	Two Deep soil workings and saucer formation during June - July and September - October	No	700	459.36	100	6432
					Total		14729

or 14729.00 per Ha

UNIT RATE : P. Ha
14729.00 As per FSR 2021-22 per Ha
16201.90 10% excalation for 2022-23

Forest Divisional Officer
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Unit Cost for Bamboo planting along the water bodies, Streams protected areas

Sl.No.	FSR Items No.	Nature of work	Quantity		Rate per		Nos.	Amount
			4	5	6	7		
1	2	3					8	9
1	03.02.08	Planting of Bamboo along Nalas existng in ANR areas at 5 mts distance on both the sides of Nala in 30 cubic pit. Total planting points 400 plants per km. (Raising year)						
		(a) Allignment & Stacking	400	Nos	80.38	100	Nos.	322
		(b) Cost of preparation of stakes (0.45 m length) and transportation to site	400	Nos	56.96	100	Nos.	228
		(c) Digging of 30 cm ³ pits to be done during June	400	Nos	4.78	1	Nos.	1912
		(d) Transportation of seedlings (including loading and unloading) & Internal transport						
		(Transportation of seedlings i) From nursery to plantation site -- upto 5 Kms lead - 12.5 x 22.5 cm (5"x9") bag plants	400	Nos	51.71	100	Nos.	207
		(ii) From nursery to plantation site - beyond 5 Km lead - for every extra km beyond 5 km upto 25 km (From Kadam Central Nursery to Palntation site 20 km., for 1 Km 2.05/100 Nos, for 20Kmx2.05=41.00	400	Nos	41.00	100	Nos.	164
2	03.02.09	Internal transportation of 5"x9" bags plants to the planting points on Head loads	400	Nos	59.38	100	Nos.	238
3	03.02.10	Planting at 5 mts distance on both sides of Nala	400	Nos	140.60	100	Nos.	562
4	03.02.16	Replacement of causalities 20% durring Raising year	50% of unit rate of original pitting during raising year and Planting, transportation and internal					
		Replacement of causalities 20% durring Raising year Pitting	160	Nos	2.39	1	Nos.	382
		Replacement of causalities 20% durring Raising year Transportation upto 5Km	160	Nos	51.71	100	Nos.	83
		from 5 km Upto 25 Km	160	Nos	41.00	100	Nos.	66
		Internal transportation	160	Nos	59.38	100	Nos.	95
		Palnting	160	Nos	140.60	100	Nos.	225
5	03.02.17	Two Deep Soil workings and saucer formation during June - July and September - October (for each operation)	400	Nos	437.48	100	Nos.	3500
			TOTAL					
								7984

19.9596

Per plant

Forest Divisional Officer,
Jannaram

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Unit Cost for 1st year maintenance of Bamboo planting along the water bodies, Streams protected areas

Sl.No.	FSR Items No.	Nature of work	Quantity		Rate per		Nos.	Amount
1	2	3	4	5	6	7	8	9
1	03.04.00	Replacement of casualities 20% during Maintenance year	80					
		(c) Digging of 30 cm ³ pits to be done during June	80	Nos	4.78	1	Nos.	382
		(d) Transportation of seedlings (including loading and unloading) & Internal transport						
		(Transportation of seedlings i) From nursery to plantation site - upto 5 Kms lead - 12.5 x 22.5 cm (5"x9") bag plants	80	Nos	51.71	100	Nos.	41
		(ii) From nursery to plantation site - beyond 5 Km lead - for every extra km beyond 5 km upto 25 km (From Kadam Central Nursery to Palntation site 20 km., for 1 Km 2.05/100 Nos, for 20Kmx2.05=41.00	80	Nos	41.00	100	Nos.	33
		Internal transportation of 5"x9" bags plants to the planting points on Head loads	80	Nos	59.38	100	Nos.	48
		Planting at 5 mts distance on both sides of Nala	80	Nos	140.60	100	Nos.	112
5	03.02.17	Two Deep Soil workings and saucer formation during June - July and September - October (for each operation)	400	Nos	437.48	100	Nos.	3500
			TOTAL					3500
		Per plant						8.7496

Forest Divisional Officer,
Jannaram