

Year-wise detailed Abstract of CA DFL scheme for Raising of 100 Plants (stipulated over 0.50 Ha) in lieu of Diversion of 1.4736 ha of forest land Laying of BT Road from R&B to Chinnagudipet via Parvathipet in Dahegaon Mandal of Kumuram Bheem-Asifabad District in favour of District Panchayath Raj Engineer, PIU, KB-Asifabad of Asifabad Forest Division.

Sl. No	Item of Work	2027 - 28			2028 - 29			2029 - 30			2030 - 31			2031 - 32			2032-33			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		Fin
1	2	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46
I	Nursery activities																					
	Procurement of plantable seedlings of forestry species above height 3.00 meter																			145		0.4425
	Sub Total:																			145		0.4425
II	Planting activities (LIM)																					
1	Advance Operations																			0.50		0.404
2	Raising of Plantation																			0.50		0.391
3	1st Year Maintenance																			0.50		0.362
4	2nd Year Maintenance																			0.50		0.134
5	3rd Year Maintenance																			0.50		0.086
6	4th Year Maintenance																			0.50		0.095
7	5th Year Maintenance	0.50	18084.62	0.09042																0.50		0.090
8	6th Year Maintenance				0.50	4264.18	0.02132													0.50		0.021
9	7th Year Maintenance							0.50	18626.07	0.09313										0.50		0.093
10	8th Year Maintenance										0.50	5159.65	0.02580							0.50		0.026
11	9th Year Maintenance													0.50	22537.54	0.11269				0.50		0.113
12	10th Year Maintenance																0.50	6243.18	0.03122	0.50		0.031
	Sub Total:			0.09042			0.02132			0.09313			0.02580			0.11269			0.0312			1.8467
III	SMC Works																					
1	Construction of Mini Percolation Tanks																			1		0.2000
2	Staggered trenches																			40.00		0.1445
3	Barbed wire fencing																			0.36		2.1780
	Sub Total:			0.00000			0.00000			0.00000			0.00000			0.00000			0.00000			2.52247
	Total:			0.09042			0.02132			0.09313			0.02580			0.11269			0.03122			4.812

Forest Divisional Officer
Asifabad

District Forest Officer
Kumaram Bheem
(Asifabad)

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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	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	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
			Total		73506
			Unit Rate for 2020-21		73506

Forest Divisional Officer
Asifabad

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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 ³ 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 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 (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.,	87
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 ³ 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					64556

Forest Divisional Officer,
Asifabad

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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 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	21.60	369.85	cum	7989
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 (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 ³ 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	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		54465
Unit Rate for 2020-21					54465

Forest Divisional Officer,
Asifabad

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

Unit area 1.00 Ha.

FSR Item No.	Description	Quantity	Rate (Rs.)	Per	Amount (Rs.)
02.03.01	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. - 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 ³ 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 sciculture 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		18363
					18363

Unit Rate for 2020-21

Forest Divisional Officer,
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3rd year maintenance Plantation under Labour Intensive Method with 3m * 3m espacement

Unit area 1.00 Ha.

FSR Item No.	Description	Quantity	Rate (Rs.)	Per	Amount (Rs.)
02.04.01	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 sciculture 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
			Unit Rate for 2020-21		10669

Forest Divisional Officer,
Asifabad

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

FSR Item No.	Description	Quantity	Rate (Rs.)	Unit area 1.00 Ha.	
				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				
02.03.06	Pruning of lower branch initials of Timber and NTFP species by sciculture upto 1/3 rd height during October	1111	656.25	100 Nos.,	7291
		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
			Unit Rate for 2020-21		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

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

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

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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)				
		1111	656.25	100 Nos.,	7291
	(b) For hard gravelly soil -1 time	100	608.27	100 Rmt	608
03.05.01	Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - propotionate cost - 0.60 times				
			Total		7899
					7899

Unit Rate for 2020-21

Forest Divisional Officer,
Asifabad.

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

FSR Item No.	Description	Quantity	Rate (Rs.)	Unit area 1.00 Ha.	
				Per	Amount (Rs.)
02.03.06	Pruning of lower branch initials of Timber and NTFP species by sciculture 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

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9th 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)				
		1111	656.25	100 Nos.,	7291
	(b) For hard gravelly soil -1 time	100	608.27	100 Rmt	608
03.05.01	Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - propotionate cost - 0.60 times				
			Total		7899
			Unit Rate for 2020-21		7899

Forest Divisional Officer,
Asifabad

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

FSR Item No.	Description	Quantity	Rate (Rs.)	Unit area 1.00 Ha.	
				Per	Amount (Rs.)
02.03.06	Pruning of lower branch initials of Timber and NTFP species by sciculture 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