

MODEL -04 - A.R. MODEL FOR DRY AND TRANSITIONAL ZONES

DATA SHEET NO 33 RAISING OF PLANTATION DURING 2027-28

No of Trenches - 500

Extent : 1 Ha

No.of Plants : 1100 (8"x12")

Sl. No.	CSSR Item NO.	Particulars	Qty.	Rate	Per	Amount
1	31(c)	Mound formation in ripped area by breaking the clods, removing stones, roots, etc, from the broken-up soil, placing the soil from uphill side to downhill side, cutting and dragging the soil to make the width of the trench uniform to hold sufficient rain water by forming septa at 4 mtr. apart to have a trench of 4 mtr. length and also consolidation of mound by putting available stone pieces and grasses on the lower side of the mound	500 Trenches	31.65	1	15,825.00
2	94b	Sowing of Acacia nilotica, Bamboo, Gliricidia or other thorny species on themounds of Cattle Proof Trench	72 Rmtr	1,160.83	1000	83.58
2	23	Loading of polythene bagged seedlings into the vehicle at the nursery site and unloading at the site nearest to the planting site including 10% casualty replacement.				
		(d) Seedlings raised in 8"x12" size bags.	1100 Seedl.	2,933.86	1,000	3,227.25
3	24	Transportation of polythene bagged seedlings in hired truck from the nursery site to planting site.				
		(d) Seedlings raised in 8"x12" size bags.				
		(iii) Distance from 21 to 30 km. (Considering the actual distance)	1100 Seedl.	4,157.47	1,000	4,573.22
4	25	Conveyance of polythene bagged seedlings on head load from the dumping site to planting location near each trench (Distance up to 3 (d) 8"x12" size bagged seedlings.				
			1100 Seedl.	5,867.72	1,000	6,454.49
5	26	Watering polythene bagged seedlings at planting site by dipping in water, including carrying of water.				
		(c) 8"x12" size bagged seedlings.	1100 Seedl.	1,246.91	1,000	1,371.60
6	27	Planting of P.B. Seedlings after tearing with blade and removing the polythene bags in trenches including scooping the soil to required depth, pressing the soil gently around the seedlings after planting.				
		(d) 8"x12" size bagged seedlings.	1100 Seedl.	5,502.78	1,000	6,053.06
7	LS / RQ	Cost of Quality Seeds / Quality Planting Material	1,000 PBs	264.63	1,000	264.63
8	28(d)	Sowing of seeds on trench mound of 4 Meter in length.	500 Trenches	5.99	1	2,995.00
9	RQ	Purchase of DAP (8" X 12" - 50 + 50 = 100 gm per plant) 2 times	100 kg	35.98	kg	3,598.00
10	38 (e)	Application of chemical fertilizer around the plants about 15 cm. away in a furrow duly covering with soil (excluding the cost of fertilizer) in two equal split doses.	1000 plants	586.52	1000	1,173.04
11	28(e)	Weeding inside the trenches and on mounds of 4 meter length trench	500 trenches	13.65	trench	6,825.00
12	28(f)	Scraping of grass and other growth around the trenches & mounds to a width of 60 cm on each side of trenches (4 meter length trench)	500 trenches	12.41	each	6,205.00
13	28(g)	Soil working the trenches by digging with pickaxe to a depth of 15 cm. and to a width of 60 cm. starting from the lower edge of the trench towards the other side of trench of 4 m. length so as to loosen the soil uniformly including scraping around the plant before digging and reformation of damaged mounds during rains. (Trench mound should not be disturbed while soil working)	500 Trenches	21.10	1	10,550.00
14	wage	Protection of plantation as per the standard norms (for 25 ha. as a unit during the year and pro-rata for different extent for the actual period) 274 days	1 no.	620.66	1	6,802.43
15	82	Fire Protection work in plantations: New Fire Lines: Cutting of all existing young growth to a width of 3 m. heaping, burning and re-burning in younger plantations.	0.33 km/ha.	3,080.34	1	1,016.51
16	LS / RQ	Providing & fixing quality plantation board (48"x27"x18" including painting, writing, transportation & fixing)	1 ha.	162.44	1	162.44
17	Sub estimate	Maintenance of seedlings 8"x12" till planting 2026 rains	1100 Seedl.	6.473	1	7,120.30
		Raising of seedlings 8"x12" for casualty replacement during 2026-27	100 Seedl.	26.634	1	2,663.40
18	LS / RQ	Miscellaneous, Unforeseen & rounding off				36.05
		Total				87,000.00
		Escalation charges for the year 2027-28 10 %				8,700.00
		G Total				95,700.00

Note Item of Works can be modified by the DCF based on the field requirement with the concurrence of CCFs with in same cost norm.

Deputy Conservator of Forests,
Tumkur Division, Tumkur