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

DATA SHEET NO 34: MAINTENANCE OF ONE YEAR OLD PLANTATION DURING 2028-29

No.of Plants : 1100 (8"x12") Extent : 1 ha.

No of Trenches - 500

Sl. No.	CSSR Item NO.	Particulars	Qnty.		Rate	Per	Amount
1	40 (a)	Re-opening of pits of size 0.30 mX 0.30m X 0.30m for replacement of casualties (100 pits x 0.30 M3 =2.70 cum)	2.70	Cum.	88.13	1	237.95
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% casuality replacement.					
		(d) Seedlings raised in 8”x12” size bags.	100	Seedl.	2,933.86	1,000	293.39
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.	100	Seedl.	4,157.47	1,000	415.75
		(iii) Distance from 21 to 30 km. (Considering the actual distance)					
4	25	Conveyance of polythene bagged seedlings on head load from the					
		dumping site to planting location near each Trench / pit. (Distance					
		(d) 8”x12” size bagged seedlings.	100	Seedl.	5,867.72	1,000	586.77
5	26	Watering polythene bagged seedlings at planting site by dipping in					
		water, including carrying of water.					
		(c) 8”x12” size bagged seedlings	100	Seedl.	1,246.91	1,000	124.69
		(This should be resorted to in dry conditions only).					
6	27	Planting of P.B. Seedlings after tearing with blade and removing the					
		polythene bags in Trench / pits including scooping the soil to required					
		depth, pressing the soil gently around the seedlings after planting.					
		(d) 8”x12” size bagged seedlings.	100	Seedl.	5,502.78	1,000	550.28
7	RQ	Purchase of DAP (8" X 12" - 50 + 50 = 100 gm per plant)	100	kg	35.98	kg	3,598.00
8	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. 2 times	1,000	plants	586.52	1,000	1,173.04
9	28(e)	Weeding inside the trenches and on mounds of 4 meter length trench	500	trenches	13.65	trench	6,825.00
10	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
11	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
12	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) - 365 days	1	no.	620.66	1	9,061.64
13	83	Maintenance of Fire line along Roadside, Plantation, Block and Compartment Boundaries:					
	(a)	Cleaning existing fire lines and fire tracing 3M. Wide	0.33	km	1,833.43	1	605.03
	(b)	Re-sweeping & re-burning the above fire line.	0.33	km	256.95	1	84.79
14	Sub-estimate	Maintenance of Seedlings in 8"x12" till planting during 2026 rains	100	Plants	6.473	1	647.30
15	LS / RQ	Miscellaneous, Unforeseen & rounding off					41.37
					Total		**41,000.00**
		Escalation charges for the year 2028-29 20 %					**8,200.00**
		G Total					**49,200.00**

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