

MODEL -14(A) - LINEAR PLANTATION (ROADSIDE / CANAL BANK PLANTATION)]
DATASHEET NO - 95 - RAISING OF MONSOON PLANTATION DURING 2026-27

No of pits 300 / Km + 30 = 330 PBs

14"x20" - 330 plants

Espacement :- 7M x 7M

Sl. No.	CSSR Item No.	Particulars of the Work	Qty.	Rate	Per	Amount
1	32(a)	Aligning in the planting area and marking for pit (without staking) (Aligning of pit in Staggered design)	300 Pits	544.16	1,000	163.25
2	38(i)	Excavation of pits by mechanical of size by 1m x 1m x 1m with vertically cut edges to make an uniform cube and heaping the excavated soil (1/3rd top soil on the upper side & 2/3rd on the lower side)	300 Pits	155.91	1	46,773.00
3	32 (c)	Refilling of pits, cutting of edge of the pit on the lower side and refilling 75% of the pit with the excavated soil, duly breaking the clods & formation of saucer shaped mound on the lower side of the pit	225 Cmtr	32.89	Cmtr	7,400.25
4	23 (f)	Loading of polythene / HDPE bagged seedlings into vehicle at the nursery site and unloading at the site nearest to the planting site - Seedlings raised in 14" x 20" size bags	330 Pbs	13,568.87	1000	4,477.73
5	24 (f)	Transportation: Transportation of polythene / HDPE bagged seedlings in vehicle from nursery site to planting site. (iv) Seedlings raised in 14"x20" size bags: Distance from 21 to 30 Kms.	330 Pbs	12,472.34	1000	4,115.87
6	26(d)	Watering by dipping: Watering polythene / HDPE bagged seedlings at planting site by dipping in water (including carrying of water) only in dry conditions of weather. (14"x20")	330 pbs	1,320.14	1000	435.65
7	32(f)	Conveyance of tall seedlings raised in HDPE bags of size 14"x20" from the dumping point to the planting site near each pit on head load, fixing the supporting stake firmly in the pit, planting the tall seedling in the pit tying the seedling to the supporting stake at 3 points (excluding cost of supporting stake) (14"x20" planting)	330 Plant	73.24	each	24,169.20
8	RQ	Purchase of NPK / DAP (100+100=200 gms per plant) 2 times	60 KG 300 pbs	35.98	KG	2,158.80
9	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.	300 Plants	586.52	1000	351.91
10	32 (l)	Saucer Bharav: Scraping out of grass and weeds to a radius of 50 cms around the plant, earthening up of soil in the form of a semi-circular slanting saucer shape slope, loosening of boulders if any with soil by using pickaxe and arranging the loosened boulders and soil in semi-circular fashion at the lower side of the plant (Dimension 80 cms diameter and 25 cms depth at deepest point)	300 Plants	15,956.21	1,000	4,786.86
11	32 (j)	First Weeding around the plants (pit) to radius of 60 cm (Aug)	300 Plants	1,833.43	1000	550.03
12	32 (o)	Scraping of grass and other growth around the plant to a radius of 1 m.	300 plants	12,637.26	1000	3,791.18
13	32 (m)	Hoing & soil working with pickaxe around the plant to a depth of 15cm. & to a radius of 60 cm. so as to loosen the soil around the plants (pits only).	300 plants	7,334.34	1000	2,200.30
14	41(j)(iii)	Watering to the seedlings along roadside and in the city limits at 50 liters/plants 6 times (One watering if planted in May, 5 watering in Jan, Feb & March) (Nos are Flexi)	300 plants	56.23	Each	101,214.00
15	wage	Protection of plantation as per the standard norms (for 3 km as a unit during the year and pro-rata for different extent for the actual period)	274 days	620.66	3 km	56,686.95
16	RQ	Procurement & transportation of 10' feet length & 10-15 cm girth Marihala Bamboo / wooden Stakes / Debarked Eucalyptus stakes. Each of the sticks is to be dipped in hot liquid coal tar to a minimum length of 5 feet.	300 plants	51.87	each	15,561.00
17	32(g)	Cutting & collection of Prosopis juliflora (PJ) branches loading the same into the lorry & unloading at the planting site (10 branches per tall plant)	300 Plant	44.07	each	13,221.00
18	32(h)	Conveyance of P.J. branches to individual pit, tying P.J.branches around the supporting stake properly covering the tall plant with P.J.thorny branches to a height of more than 2m and tying the P.J.branches with G.I.wire at 3 places (10 P.J.branches to be used for tying the fall seedling). Alternately phoenix leaves could be used depending on availability.	300 Plant	51.51	each	15,453.00

19	LS / RQ	Providing & fixing quality plantation board (48"x27"x18" including painting, writing, trasportation & fixing)	1 No	4,065.72	each	4,065.72
20	Sub estimate	Raising of 14"x20" pb seedlings	330 Pbs	102.68	Each	33,883.08
21	Sub estimate	Raising of 14"x20" pb seedlings during 2026-27 for 10% Casualty Replacement	30 Pbs	102.68	Each	3,080.28
22		Maintenance of 14"x20 seedlings.	330 Pbs	13.873	Each	4,578.09
23		Miscellaneous & rounding off			(-)	(3,967.14)
			Total			345,150.00

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.



Assistant Conservator of Forests
Ayanuru Sub Division, Shimoga.