

**ACTION PLAN FOR RAISING OF COMPENSATORY AFFORESTATION(CA) PLANTATION AGAINST RELEASE OF FOREST LAND  
UNDER 1980 FOREST CONSERVATION ACT DURING 2020-21.**

Sl.No.	Name of the Project	Proposal No.	Forest area diverted (in Ha.)	Stipulation for raising CA plantation in forest land (in Ha.)	Compensatory Afforestation to be implemented.	Extent in Ha.	Rate /Ha.	Amount (Rs.in lakhs)
1	Diversion of 1.40 hectare of Forest Land in Forest Sy.No.36/1/A & 36/1/B of Ummachgi village, Yellapur Taluk for establishment of Sub-Market Yard in favour of Secretary, APMC, Yellapur, Uttara Kannada district.	FP/KA/Others/30144/2017.	1.40	2.80	Hitlalli XXIX-12, F.S.No.198	2.80	1593000.00	44.604
	<b>Grand Total</b>							<b>44.604</b>

**Grand Total Rs. 44.604 lakhs( Fortyfour Lakhs Sixty Thousand Four Hundred Only)**

  
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Yellapur Division, Yellapur.







I	Total (A to F) Amount after taking 10 % escalation cost for each Year (Compounding factor at 10 %)	147,180	102,137	53,764	48,462	44,128	48,541	53,395	17,363	19,099	21,009	23,110	25,421	603,610
II	Soil and Moisture conservation measures (15% on total plantation cost)	90,542												90,542
III	Resurveying, redemarcation and other works for Section 4 notification (LS)	10,400												10,400
IV	Chainlink fencing (Considering 200 meter average periphery) (33% escalation over rates adopted for 2018-20)	812,500												812,500
	Total Advance Work Year to 10th Year of maintenance ((+II+III))	1,060,622	102,137	53,764	48,462	44,128	48,541	53,395	17,363	19,099	21,009	23,110	25,421	812,500
	Administration & Supervision charges @ 5% of above													812,500
	Miscellaneous for rounding off													75,853
	GRAND TOTAL													96
														1,593,000

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# DATA SHEETS FOR RAISING AND MAINTAINING CA PLANTATION

[Note: All Data Sheet items are only indicative. Necessary site-specific modification wherever required can be made by the Chief Conservator of Forests of the Circle within the overall Unit Cost.]

## A : DATA SHEET FOR ADVANCE WORKS

(500 Trenches of size 4 m x 0.5m x 0.5m per hectare; 1000 Seedlings @2 plants per Trench)

Sl. No.	SSR Item No.	Particulars of Works	Quantity		Rate (Rs.) Per Unit		Amount (Rs.)
1	100(b)	Survey and Demarcation of plantation boundary lines after clearing the rank growth to a width of 2 mtrs in the areas with sparse under growth	200	Mtrs	1,258.73	per KM	251.75
2	28(a)	Aligning in the planting area along the contours & marking for trenches	500	Trs	1,463.70	per 1000 trenches	731.85
3	28(b)(ii)	Excavation of contour trenches of size 4 m x 0.5 m x 0.5 m with uncut portion of 25 cm. in between the adjacent trenches, and depositing the 1/3rd top soil on upper slopes and remaining 2/3rd excavated earth on lower slopes of the trenches in: (b)(ii) Hard soil	500	M3	210.76	per cum	105,380.00
4	Sub estimate	Raising of 8"x12" size PB seedlings including 20% casualty replacement	1200	seedlings	22.83	each	27,396.00
5		Miscellaneous and rounding off					40.40
TOTAL							133,800.00

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**DATA SHEET FOR RAISING OF 8" X 12" SIZED WOVEN BAG SEEDLINGS**

Sl. No.	SSR Item No.	Particulars of Works	Quantity		Rate (Rs.) Per Unit		Amount (Rs.)
1	By Tender	Cost of HDPE woven sack bags including GST	1000	Bags	4.5	1	4,500.00
2	14(a)	Procurement of 4.20 cum. of ingredients i.e. farmyard manure/compost, sand and red earth in 1:1:2 proportion	1000	PBs	3,273.36	1,000	3,273.36
3	14(b)	Mixing the ingredients, filling the polythene bags and arranging in rows after scraping the earth	1000	PBs	3,103.13	1,000	3,103.13
4	LS/RQ	cost of quality seeds/ Quality Planting Material	500	PBs	327.18	1,000	163.59
5	14(d)	Pricking out the seedlings from seed beds and transplanting in the PBs	500	PBs	319.03	1,000	159.52
6	Sub Est.	Raising of 4"x6" seedlings (Transplanting seedlings)	500	PBs	3.11	1	1,555.00
7	14(e)	Transplanting of 4"x6" or 5"x8" size bagged seedlings into 8"x12" size bags after removal of the seedlings along with the trimmed ball of earth	500	PBs	319.03	1,000	159.52
8	14(f)	Watering to the Polythene bagged seedlings twice a day from 01-09-2020 to 31-03-2021 for 212 days (Limited to 183 days)	1000 183	PBs Days	44.04	1000	8,059.32
9	14(g)	Weeding the polythene-bagged seedlings	1000 4	PBs Times	134.7	1000	538.80
10	14(h)	Shifting & grading the polythene-bagged seedlings	1000 2	PBs Times	382.91	1,000	765.82
11	LS/RQ	Cost of application of pesticides/fungicides biofertilisers, diesel bill, repairs to pumpset, electricity bills, nursery dev.Charges.	1000	PBs	546.95	1,000	546.95
12	LS/RQ	Miscellaneous, Unforeseen & rounding off	LS				5.00
Sub Total (I)							22,830.00

**DATA SHEET FOR MAINTENANCE OF 8" X 12" SIZED WOVEN BAG SEEDLINGS**

Sl. No.	SSR Item No.	Particulars of Works	Quantity		Rate (Rs.) Per Unit		Amount (Rs.)
1	14(f)	Watering to the Polythene bagged seedlings twice a day from 1st April 2019 for 120 days	1000 120	PBs days	44.04	1000	5,284.80
2	14(g)	Weeding the polythene-bagged seedlings	1000	2 PBs Times	134.7	1000	269.40
3	14(h)	Shifting & grading the polythene-bagged seedlings	1000	3 PBs Times	382.91	1000	1,148.73
4	LS/RQ	Electricity charges, diesel charges, maintenance charges of nursery, etc. and Misc.	LS				237.07
Sub Total (II)							6,940.00
Total (I + II)							29,770.00
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(500 Trenches; 1000 Seedlings per hectare)

[Note: All Data Sheet items are only indicative. No Forests of the Circle within the overall Unit Cost.]

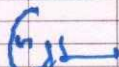
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## 2

[Note: All Data Sheet items are only indicative. Necessary site-specific modification wherever required can be made by the Chief Conservator]

Sl. No.	SSR Item No.	Particulars of Works	Quantity	Rate (Rs.)	Per Unit	Amount (Rs.)
1	40 (a)	Re-opening of pits of size 0.30m x 0.30 m x 0.30m for replacement of	2.7 M3	70.27	1	189.73
2	23(d)	Loading & unloading of Polythene Bagged Seedlings: Seedlings raised in 8" x 12" size bags	100 Pbs	2,342.01	1000	234.20
3	24(d)(iii)	Transportation: Transportation of polythene-bagged seedlings in hired truck from the nursery site to planting site (21-30 Km) Seedlings raised in 8" x 12" size bags :	100 Pbs	3,742.82	1000	374.28
4	25(d)	Conveyance of polythene-bagged seedlings on head load from the dumping site to planting location near each trench / pit (distance up to 3 Km) 8"x12" size bagged seedlings	100 Pbs	4,683.99	1000	468.40
5	26(c)	Watering by dipping: Watering polythene bagged seedlings at planting site by dipping in water, including carrying of water 8" x 12" size bagged seedlings	100 Pbs	995.33	1000	99.53
6	27(d)	Planting of P.B. Seedlings after tearing with blade & removing the polythene bags in trenches / pits including scooping the soil to required depth, pressing the soil gently around the seedlings after planting 8" x 12" size bagged seedlings	100 Pbs	4,467.37	1000	446.74
7	Market Rate	Cost of chemical Fertilizer @ 25g/ plant (for 1000 plants).	25 Kg	50.00	1	1,250.00
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)	1000 plant s	468.33	1000	468.33
9	39(b)	Weeding inside the trenches and on mounds of 4 Meter length	500 Trs	8.71	1	4,355.00
10	39(d)	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 plants before digging & reformation of damaged mounds during rains	500 Trs	11.73	1	5,865.00
11	39(c)	Scraping of grass and other growth around the trench of 4 m length to a width of 60 cm on each side of the trenches.	500 trench	8.71	1	4,355.00
12	40(g)	Karada and other pernicious grass cutting flush to the ground in highly problematic plantation areas where the grass is suppressing the plants	0.5 ha.	5,855.06	1	2,927.53
13	83(a)	Maintenance of Fire Line along Roadside, Plantation, Block and compartment boundaries : a) Cleaning existing fire lines and fire tracing 3 m wide.	0.33 Km	1,463.70	1	483.02
14	83(b)	Maintenance of Fire Line along Roadside, Plantation, Block and compartment boundaries : a) Re-sweeping and re-burning the above fire line.	0.33 Km	204.90	1	67.62
15		Watch and ward @ One Maz. for 10 ha. (i.e. 365 days @ 327.72 per day=119617.80).	1 ha.	180,853.00	10	18,085.30
16		Miscellaneous and rounding off				30.32
<b>GRAND TOTAL</b>						<b>39,700.00</b>

  
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## F: DATA SHEET FOR 6th/ 7th/ 8th/ 9th/ 10th YEAR MAINTENANCE CA PLANTATION

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Sl. No.	SSR Item No.	Particulars of Works	Quantity		Rate (Rs.) Per Unit		Amount (Rs)
1	83(a)	Maintenance of fire line along roadside, Plantation, Block and compartment Boundaries: Clearing existing fire lines and fire tracing 3 M wide.	0.33	Km	1,463.70	Per Km each side	483.02
2	83(b)	Re-sweeping and re-burning the above fire line	0.33	Km	204.90	Per Km each	67.62
3		Engaging fire watcher during fire season @ One Maz. for 10 ha. (i.e. 152 days - April & May, Jan to March @ 495.49 per day=75314.50)	1	Maz for 10 ha	75,314.50	10	7,531.45
4		Miscellaneous and rounding off					17.91
Total							8,100.00

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