

Indicative cost Estimation for Raising and Maintenance of Compensatory Afforestation as part of compliance of conditions of Stage-I approval

Extent : 1.92 Ha

ABSTRACT (Amount in Rs.; Cost per hectares)

Particulars			Raising Year	Maintenance								Grand Total		
	Advance work Year		Year	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	
A:	Advance works													
1	Advance works (including raising of Pbs of 8 x 12 size)	267264												2,67,264
B:	Raising of Plantation													
1	Raising of Plantation in advance worked area		1,49,760											1,49,760
2	Maintenance of seedlings before planting (8"x12" Size Pbs 1200 pbs @ Rs.7.16 each)		16,497											16,497
3	Raising nursery for replacement of casualties next year 10% (8x12 size 100 Pbs @24.36 each)		4,677											4,677
C:	Maintenance of Plantation													
1	Maintenance of the Plantation during 1st year			79,104										79,104
2	Maintenance of Seedlings raised for casualty replacements(8x12 size 100 Pbs @ 7.16=716.00)			1,375										1,375
D:	Maintenance of plantation													
1	Maintenance of Plantation during 2nd year				65,856									65,856
E:	Maintenance of Plantation													
1	Maintenance of Plantation during 3rd year					54,336								54,336
2	Maintenance of Plantation during 4th year						54,336							54,336
3	Maintenance of Plantation during 5th year							54,336						54,336
F:	Maintenance of Plantation (Without cultural operations)													
1	Maintenance of Plantation during 6th year								16,128					16,128
2	Maintenance of Plantation during 7th year									16,128				16,128
3	Maintenance of Plantation during 8th year										16,128			16,128
4	Maintenance of Plantation during 9th year											16,128		16,128
5	Maintenance of Plantation during 10th year												16,128	16,128
	Total : (A to F)			80,479	65,856	54,336	54,336	54,336	16,128	16,128	16,128	16,128	16,128	8,28,180
I	Total (A to F) Amount after taking 10% escalation cost for each year (Compounding factor at 10%)	2,67,264	1,70,934	2,06,830	1,07,117	96,420	87,508	96,259	34,572	38,028	41,829	45,949	50,617	12,05,003
II	Soil and Moisture conservation measures (15% on total plantation cost)	1,80,751												1,80,751
III	Resurveying redemarcation and other works for Section 4 notification (LS)	21,444												21,444
IV	Chainlink fencing (Considering 200 meter average periphery) (10% escalation over rates adopted for 2020-21)	17,16,000												17,16,000
	Total Advance work Year to 10th Year of Maintenance (I+II+III+IV)	22,12,185	2,06,830	1,07,117	96,420	87,508	96,259	1,05,884	34,572	38,028	41,829	45,949	50,617	31,23,198
	Administration & Supervision Charges @ 5% of above							1,05,884						1,56,160
	Total CA to be Raised in 0.96 Ha x 2 = 1.92 Ha (Total amount per ha 17.08 lakhs x 1.92 = 32.796)													32,79,358
														GRAND-TOTAL

GRAND TOTAL


Deputy Conservator of Forests,
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