

(2006)

**REVISED ESTIMATE FOR RAISING COMPENSATORY AFFORESTATION PLANTATION UNDER LIKABALI  
FOREST DIVISION**

Name of Project Const. of 132 KV S/c line T/L from Gerukamukh to Likabali  
User Agency Deptt. Power  
Location of CA Likabali RF  
Area of CA 272.00 ha (135.89 ha x 2) = 271.78 ha or say 272 ha  
Perimeter 9240 Rmt  
Wages rate (DL) 333/-

Sl. No.	Item of works	Unit	Qty	Rate	Amount	Remarks
A	Creation of Nursery 1100 Nos per ha (spacing 3m x 3m)	No.	299200	18	5385600	
1	<b>1ST YEAR OPERATION</b>					
	Survey & demarcation and preparation of map @ 5 DL/ ha.	Ha	272.00	1665	452880	
	Add paid holidays @ 18.63%					
2	<b>2ND YEAR OPERATION</b>					
	(i) Erection of barbed wire fence (5 strand) fencing per 100 Rmt.	Rmt	9240	214.00	1977360	
	(ii) Maint. Barbed wire fencing @ 5% of erection cost in each year from 3rd year to 6th year Add.					
	Add 10% escalation value by multiplying factor:					
	1.20 for 3rd year					
	1.3 for 4th year					
	1.4 for 5th year					
	1.5 for 6th year					
3	Raising of seedlings for casualty replacement	No.	74800	18.00	1346400	
	3rd year 15%=165 Nos					
	4th year 10%= 110 Nos. Total= 275 Nos.					
4	<b>RAISING OF PLANTATION</b>					
	(i) Clearance of brush wood, planting lines & staking of debries @ 15 D/L per ha.	Ha	272.00	53480	14546560	
	(ii) Alignment of pits & preparation of stakes, staking					
	(iii) Digging of pits 30 Cm X 30 Cm X 30 Cm					
	(iv) Transportation of seedlings to the planting site i/c planting of seedling					
	(v) Making of inspection path 1mtr wide					
	(vi) Fire line cutting 3mtrs wide along the periphery					

	(vii) Tending - 4 weeding				
	(viii) Add paid holiday @ 18.63%				
	Add 10% escalation value on total of item 4(i) to 4(viii)				
<b>5</b>	<b>3RD YEAR OPERATION</b>				
	(i) Tending - 3 weeding	Ha	272.00	21179	5760688
	(ii) Casualty replacement 15%				
	(iii) Maint. of inspection path				
	(iv) Maint. Of fireline				
	(v) Add paid holiday @ 18.63 % on item 5 (i) to 5 (iv)				
	Add 20% escalation value on total of item 5(i) to 5(v)				
<b>6</b>	<b>4TH YEAR OPERATION</b>				
	(i) Tending -2 weedings	Ha	272.00	16883	4592176
	(ii) Casualty replacement 10%				
	(iii) Maint. Of inspection path				
	(iv) Maint. of fireline				
	(v) Add paid holiday @ 18.63% on item 6(i) to 6 (iv)				
	Add 30% escalation value on item 6(i) to 6(v)				
<b>7</b>	<b>5TH YEAR OPERATION</b>				
	(i) Tending - 1 weedings	Ha	272.00	7925	2155600
	(ii) Maint. of inspection path				
	(iii) Maint. Of fire line				
	(iv) Add paid holiday @ 18.63% on item 7(i) to 7 (iii)				
	Add 40% escalation value on item 7(i) to 7(iv)				
<b>8</b>	<b>6TH YEAR OPERATION</b>				
	(i) Tending - 1 weedings	Ha	272.00	8492	2309824
	(ii) Maint. of inspection path @ 1 DL/ ha.				
	(iii) Maint. of fireline @ 1DL/ha.				
	(iv) Add paid holiday @ 18.63% on item 8(i) to 8 (iii)				
	Add 50% escalation value on item 8(i) to 8(iv)				
<b>9</b>	<b>7TH YEAR OPERATION</b>				
	(i) Maint. of inspection path / fireline & climber cutting	Ha	272.00	3197	869584
	(ii) Add paid holiday 18.63% item 9(i)				
	Add 60% escalation value on total item 9(i) to 9(ii)				
<b>10</b>	<b>8TH YEAR OPERATION</b>				



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	(i) Maint. of inspection path / fireline & climbing cutting	Ha	272.00	3397	923984	
	(ii) Add paid holiday @ 18.63% on total of item 10(i)					
	Add 70% escalation value on item 10(i) to 10 (ii)					
11	<b>9TH YEAR OPERATION</b>					
	(i) Maint. of inspection path / fireline & climber cutting	Ha	272.00	3596	978112	
	(ii) Add paid holiday @ 18.63% on item 11 (i)					
	Add 80% escalation value on total of item 11(i) to 11 (ii)					
12	<b>10TH YEAR OPERATION</b>					
	(i) Maint. of inspection path / fireline & climber cutting	Ha	272.00	3796	1032512	
	(ii) Add paid holiday @ 18.63% on item 12 (i)					
	Add 90% escalation value on total of item 12 (i) to 12 (ii)					
13	Wages for plantation watchman at the rate of U/skilled labourer round the year for 10 years (one watchman for every 25 ha of area subject to a minimum area of 15 ha) @ Rs.8000/- for Area-I & Rs.8500/- for Area-II per month. Add escalation value by multiplying factor 1st year	No.	11	1740000	19140000	
	(M.F=1.1) for 2nd year					
	(M.F=1.2) for 3rd year					
	(M.F=1.3) for 4th year					
	(M.F=1.4) for 5th year					
	(M.F=1.5) for 6th year					
	(M.F=1.6) for 7th year					
	(M.F=1.7) for 8th year					
	(M.F=1.8) for 9th year					
	(M.F=1.9) for 10th year					
14	a) Const. of one modified improved standard size Barsha (MB) type quarter for every 50 ha	No.				
	b) Maint. of @ 20% of const. cost per year (from 2nd year to 9th year) including:					
	escalation value by multiplying					
	1.1 for 2nd year x 76340					
	1.2 for 3rd year					
	1.3 for 4th year					
	1.4 for 5th year					

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	1.5 for 6th year					
	1.6 for 7th year					
	1.7 for 8th year					
	1.8 for 9th year					
15	a) Const.of OBT labourer shed (2-room) for workers at Plantation site subject to a minimum area of 15 ha and upto 25 ha beyond 25 ha one room to be added for every 13 ha or part thereof at proportionate cost	No.				
	b) Maint.of OBT hut @ 25% of the const.of cost per year from 4th year to 6th year including:					
	1.1 for 2nd year x 76340					
	1.2 for 3rd year					
	1.3 for 4th year					
	1.4 for 5th year					
	1.5 for 6th year					
	1.6 for 7th year					
	1.7 for 8th year					
	1.8 for 9th year					
16	a) If CA area is 10 km away from the nearest Forest Office/establishment one SPT building for Beat Office standard size for area above 100 ha.	No.				
	b) Maint.of @ 10% of const.cost per year (from 2nd year to 9th year) including:					
	1.1 for 2nd year x 76340					
	1.2 for 3rd year					
	1.3 for 4th year					
	1.4 for 5th year					
	1.5 for 6th year					
	1.6 for 7th year					
	1.7 for 8th year					
	1.8 for 9th year					
17	Approach foot track to plantation in area where necessary	Rmt	2500	5.71	14275	
18	Provision of Afforestation Supervisor for every 150 ha @ 11000/-for 10 year where CA area is more than 150 ha.	No.	2	11000	22000	
19	Contingency @ 3% to meet up on item No.1 to 16 plus nursery cost over Rs.61507555/-				1845227	

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20	Provision for soil and moisture conservation structures (where needed) @ Rs. 6200/- per ha.	Ha	272.00	6200	1686400	
				Grand Total	65039182	
				or say	65039200	

(Rupees six crore fifty lakh thirty nine thousand two hundred) only

Prepared by:

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11.10.2019

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