

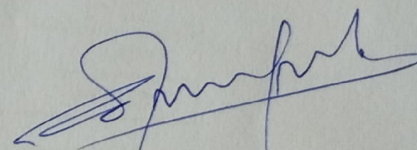
**DETAIL ESTIMATE FOR RAISING OF COMPENSATORY AFFORESTATION PLANTATION UNDER
LIKABALI FOREST DIVISION**

Name of Project	:	Diversion proposal for Construction/improvement of Along Kaying road from 0.00Km to 44.50Km and Kaying-Tato road from 0.00Km to 86.00Km				
Name of Agency	:	HQ 44 BRTF				
Compensatory Afforestation Area	:	39.093Ha				
Location of CA area	:	LIKABALI RF				
Wages rate (DL)	:	333/-				
SL.No.	Items of Work	Unit	Quantity	Rate	Amount	Remark
1	2	3		4	5.00	6
A	CREATION OF NURSEY					
	Cost of Seedlings @ 1100 Nos/Ha	No.	43002.30	18	774041	Area-I
	Sub Total				774041	
1	1st YEAR OPERATION					
	Survey & Demarcation and preparation of Map @ 4 mandays/ha.	Ha	39.09	1332	52072	
	Sub Total				52072	
2	2nd YEAR OPERATION					
	(i) Erection of Barbed wire fencing (5 strand) per 100 Rmt	Rmt	2000.00	182.3	364600	
	(ii) Maintanance of Barbed wire fencing @5% erection cost in each year from 3rd year to 6th year					
	Add. Escalation value by Multiplying Factor MF):					
	1.2 for 3rd year		2000.00	10.938	21876	
	1.3 for 4th year		2000.00	11.85	23699	
	1.4 for 5th year		2000.00	12.761	25522	
	1.5 for 6th year		2000.00	13.673	27345	
	Sub Total				463042	
3	RAISING OF SAPLING FOR CASUALTY REPLACEMENT					
	3rd year 15% of total saplings	No.	6450.35	18	116106	
	4th year 10% of total sapling	No.	4300.23	18	77404	
	Sub Total				193510	
4	RAISING OF PLANTATION					
	(i) Clearance of brushwood, planting lines & staking of debris @ 15 mandays/ha	Ha	39.09	4995	195270	
	(ii) Alignment of pits & preparation of stakes, staking @ 10 mandays/ha		39.09	3330	130180	
	(iii) Digging of pits 30cm x 30cm x 30cm @ 22 mandays/ha		39.09	7326	286395	

	(iv) Preparation of Thala by uprooting debris by hoeing around pits @ 22 mandays/ha		39.09	7326	286395	
	(v) Carrying of saplings to the planting site i/c planting of sapling @ 20 mandays/ha		39.09	6660	260359	
	(vi) Making of inspection path 1mtr wide @ 3 mandays/ha		39.09	999	39054	
	(vii) Fire line cutting by 3 mtr wide along the periphery @ 5 mandays/ha		39.09	1665	65090	
	(viii) Tending -4 weeding @12 mandays/weeding/ha		39.09	15984	624863	
	Add. 10% escalation value on item no.4 (i) to (viii)		39.09	4829	188761	
	Sub Total				2076366	
5	3RD YEAR OPERATION					
	(i) Tending -3 weeding @ 12 mandays/weeding/ha	Ha	1407.35	333	468646.88	
	(ii) Casualty replacement 15% @ 7mandays/ha	No.	273.65	333	91125.78	
	(iii) Maintainance of inspection path @ 1 mandays/ha	No.	39.09	333	13017.97	
	(iv) Maintainance of Fire line @ 1 mandays/ha	No.	39.09	333	13017.97	
	Add. 20% escalation value on total of item 5 (i) to (iv)		351.84	333	117161.72	
	Sub Total				702970.33	
6	4TH YEAR OPERATION					
	(i) Tending - 2 weedings @ 12 mandays/ weeding /ha	No.	936.72	333	311927.76	
	(ii) Casualty replacement 10% @ 7 mandays /ha	No.	273.65	333	91125.78	
	(iii) Maintainance of inspection path @ 1 mandays/ha	No.	39.09	333	13017.97	
	(iv) Maintainance of Fire line@ 1 mandays/ha	No.	39.09	333	13017.97	
	Add 30% escalation value on total of item 6 (i) to (iv)		386.57	333	128726.84	
	Sub Total				557816.33	
7	5TH YEAR OPERATION					
	(i) Tending - 1 weeding @ 12 mandays/ weeding /ha	No.	469.12	333	156215.63	
	(ii)Maintainance of inspection path @ 1 mandays/ha	No.	39.09	333	13017.97	
	(iii) Maintainance of fire line@1 mandays/ha	No.	39.09	333	13017.97	
	Add 40% escalation value on item 7 (i) to (iii)		218.92	333	72900.63	
	Sub Total				255152.19	
8	6TH YEAR OPERATION					

	(i) Tending - 1 weeding @ 12 mandays/ weeding/ha	No.	469.12	333	156215.63	
	(ii) Maintainance of inspection path @ 1 mandays/ha	No.	39.09	333	13017.97	
	(iii) Maintainance of fire line@ 1 mandays/ha	No.	39.09	333	13017.97	
	Add 50% escalation value on item of 8 (i) to (iii)		273.65	333	91125.78	
	Sub Total				273377.35	
9	7TH YEAR OPERATION					
	(i) Maintainance of Inspection Path, Fire line and climber cutting @ 5 mandays/ha	No.	195.47	333	65089.85	
	Add 60% escalation value on total item of 9 (i)		117.28	333	39053.91	
	Sub Total				104143.75	
10	8TH YEAR OPERATION					
	(i) Maintainance of Inspection Path, Fire line and climber cutting @ 5 mandays/ha	No.	195.47	333	65089.85	
	Add 70% escalation value on total item of 10 (i)		136.83	333	45562.89	
	Sub Total				110652.74	
11	9TH YEAR OPERATION					
	(i) Maintainance of Inspection Path, Fire line and climber cutting @ 5 mandays/ha	No.	195.47	333	65089.85	
	Add 80% escalation value on total item of 11 (i)		156.37	333	52071.88	
	Sub Total				117161.72	
12	10TH YEAR OPERATION					
	(i) Maintainance of Inspection Path, Fire line and climber cutting @ 5 mandays/ha	No.	195.47	333	65089.85	
	Add 90% escalation value on total item 12 (i)		175.92	333	58580.86	
	Sub Total				123670.71	
13	Wages for plantation watchman at the rate of U/skilled labour round the year for 10 years (one watchman for every 25 Ha of area subject to a minimum area of 15 ha) @ Rs. 10000/- per month adding escalation value by multiplying factors as below:	No.	2.00	120000	240000.00	
	Sub total				240000.00	
	(M.F.1.1) for 2nd yr.				264000.00	
	(M.F.1.2) for 3rd yr.				288000.00	
	(M.F.1.3) for 4th yr.				312000.00	
	(M.F.1.4) for 5th yr.				336000.00	
	(M.F.1.5) for 6th yr.				360000.00	
	(M.F.1.6) for 7th yr.				384000.00	
	(M.F.1.7) for 8th yr.				408000.00	
	(M.F.1.8) for 9th yr.				432000.00	
	(M.F.1.9) for 10th yr.				456000.00	

	Sub Total for 10 yrs				3480000.00	
14	a)Construction of OBT labour shed (2 room) for workers at plantation site subject to a minimum area of 15 ha and upto 25 ha. Beyond 25ha one room to be added for every 13ha , Or part thereof at proportionate cost.	No.	2.00	240000	480000.00	
	b) Maint. of OBT hut @25% of construction cost per year from 4th year to 6th year including escalation value by multiplying factor(MF)-					
	MF=1.3 for 4th year				156000.00	
	MF=1.4 for 5th year				168000.00	
	MF=1.5 for 6th year				180000.00	
	Sub Total				984000.00	
15	Approach foot track to plantation in the area where necessary	Rmt	1000.00	6.57	6570.00	
16	Monitoring Supervision(POL, Maint of Vehicles, including TE etc.) @ 12% and contingency @ 3 % to meet-up unseen expenditure i.e 15% on item No. 1 to 17 and nursery cost.				1541182.02	
17	Entry Point Activities	Ha	39.09	14600	570757.80	
18	Provision for soil and moisture conservation structure (site specific, if required)	Ha	39.09	7200	281469.60	
	Grand Total -				12667956.21	
	or Say				12667960.00	
	Rupees (One Crore Twenty Six Lakhs Sixty Seven Thousand & Nine Hundred Sixty) only					



(Gopin Padu) ADCF
Divisional Forest Officer
Along Forest Division
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