

ESTIMATE FOR RAISING COMPENSATORY AFFORESTATION PLANTATION UNDER HAPOLI FOREST DIVISION

Name of project		Construction of 132 KV T/L from Khuppi to Seppa
User Agency :		Power Deptt.
Location of CA	:	Kassing Putu (Ago) VFR
Area of CA		50.323 x 2 = 100.646 ha or say 100.70 ha.
Wages rate (DL) :	:	333/-

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		Unit	Qnt	Rate	Amount	
A	Creation of Nursery					1
	Cost of seedlings @ 1100 Nos. / ha.	ha	221481	18	3986658	
1	1ST YEAR OPERATION		ļ.,		J	J
	Survey & demarcation and	ha	100.70	1332	134132	
	prepration of map @ 4				101102	~
	mandays/ ha.					
	Sub Total					
2	2ND YEAR OPERATION					
	(i) Erection of barbed wire		5600	231.52	1296512	
	fence (5 strand) fencing per 100					
	Rmt.					
	(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		l			
	1.3 for 4th year					
	1.4 for 5th year					
	1.5 for 6th year					
	Sub-Total					
3	Raising of seedlings for	No.	55370	18.0	006660	
	casualty replacement		00070	10.0	996660	
	3rd year 15%=165 Nos					
	4th year 10%= 110 Nos. Total=			·		
	275 Nos.					
4	RAISING OF PLANTATION			J		
	(i) Clearance of brush wood,	ha	100.70	53114	5348580	
	planting lines & staking of					
	debries @ 15 mandays/ha.					
	(ii) Alignment of pits &					
	preparation of stakes, staking@	1				
	10 mandys/ha					
	(iii) Digging of pits 30 Cm X 30					
	Cm X 30 Cm @ 22 mandays/ha					
	(iv) Prepration of thala by					
	uprooting of debris by hoeing					
	around pits @ 22 mandays/ha					
	no una pres (u 22 mandays/ na					
	(v) Carring of sapling to the			l		
	& 20 mandays (Area-IO/ha	9				
	planting site i/c planting of sapling @ 30 mandays (Area II) & 20 mandays (Area-I0/ha					

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	(vi) Making of inspection path					
1	1mtr wide @ 3 mandays/ha					
	Thit wide @ 5 manuays/ na					
			╠─────┤────		h	
	(vii) Fire line cutting 3mtrs wide				· · ·	
	along the periphery @ 5					
	mandays/ha					8
	(viii) Tending - 4 weeding @ 12					
	mandays/weeding/ha		╎────┤└───			
	Add 10% escalation value on					
	total of item 4(i) to 4(viii)					
5	3RD YEAR OPERATION	ha	100.70	17982	1810787	
	(i) Tending - 3 weeding @ 12					
	mandays/ha		<u> </u>	k		
	(ii) Casualty replacement 15%		1 1			
	(iii)Maint. of inspection path @					
	1 manday/ha					
			┟━━━━━┼┝━━━━			
	(iv) Maint. Of fireline @ 1					
	manday/ha					
	Add 20% escalation value on					
	total of item 5(i) to 5(iv)					
6	4TH YEAR OPERATION	ha	100.70	14286	1438600	
⊢ <u> </u>	(i) Tending -2 weedings @ 12		100.70	11200	1,00000	
	mandays/weeding/ha		<u> </u>			
	(ii) Casualty replacement 10% @					
	7 mandays/ha					
	(iii) Maint. Of inspection path @		<u> </u>		1	
1	1 manday/ha					
			∦ - ∤			
	(iv) Maint. of fireline @ 1					
	manday/weeding/ha					
	Add 30% escalation value on					
	item 6(i) to 6(iv)					
7	5TH YEAR OPERATION	ha	100.70	6527	657269	
<u>⊢</u>					001205	
	(i) Tending - 1 weedings @ 12					
	mandays/weeding/ha					
	(ii) Maint. of inspection path @					
	1 manday/ha					
	(iii) Maint. Of fire line @ 1					
	manday/ha		╎────┤└───			
	(iv) Add paid holiday @ 18.63%					
	on item 7(i) to 7 (iii)					
	Add 40% escalation value on					
	item 7(i) to 7(iv)					
8	6TH YEAR OPERATION	ha	100.70	6993	704195	
		114		0990	704195	
	(i) Tending - 1 weedings @ 12					
	mandays/weeding/ha					
	(ii) Maint. of inspection path @					
	1 mnday/ ha.					
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	(iii) Maint. of fireline @ 1					
	manday/ha.		<u> </u>			
	Add 50% escalation value on					
	item 8(i) to 8(iii)					
9		ha	100.70	2664	268265	
9	7TH YEAR OPERATION	ha	100.70	2664	268265	

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1	(i) Maint. of inspection path /					
	fireline & climber cutting @ 5					
	mandays/ha					
	Add 60% escalation value on					
	total item 9(i)					
10	8TH YEAR OPERATION	ha	100.70	2831	285082	
	(i) Maint. of inspection path /					
	fireline & climbing cutting @ 5					
	mandays/ha					
	Add 70% escalation value on					
	item 10(i) Sub-Total		┦────┤─			
11	9TH YEAR OPERATION	ha		0007	001700	
		ha	100.70	2997	301798	
	(i) Maint. of inspection path /					
	fireline & climber cutting @ 5 mandays/ha					
	Add 80% escalation value on		├	l		
	total of item 11(i)					
12	10TH YEAR OPERATION	ha	100.70	3164	318615	
	(i) Maint. of inspection path /					
	fireline & climber cutting @ 5					
	mandays/ha					
	Add 90% escalation value on					
	total of item 12 (i)					
13	Wages for plantation watchman	No.	4	1740000	6960000	
	at the rate of Un/skilled					
	labourer round the year for 10					
	year (one watchman for every					
	25 ha) @ 10000/- for Area-I &					
	Rs.10500/- for Area-II per month. Add escalation value by					
	multiplying factor 1st year.					
	induping factor for year.					
	(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		<u> </u>			
14	a) Const. of OBT labour shed (2	No.	4.00	492000	1968000	
	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.					
	b) Maint. Of OBT hut @ 25% of					
	the const. Cost per year from	л. г.				
	4th year to 6th year including					
	escalation value by multiplying					
	factor		II_			

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I.3 for 4th year	2						
1.5 for 6th year No. 2.00 2439700 4879400 15 a) Const. of Ø didied improved Basha Type standard size quarter for every 50 ha 2.00 2439700 4879400 b) Maint. of @ 20% of const. Cost per year from 2nd year to 9th year including		1.3 for 4th year					
15 a) Const. of Modified improved Basha Type standard size quarter for every 50 ha No. 2.00 2439700 4879400 b) Maint. of @ 20% of const. Cost per year from 2nd year to 9th vear including Image: Cost per year from 2nd year to 9th vear including Image: Cost per year from 2nd year to 9th vear including Image: Cost per year from 2nd year to 9th vear including 1.2 for 3rd year Image: Cost per year for for dy year Image: Cost per year for for dy ear Image: Cost per year for for dy ear 1.4 for 5rd year Image: Cost per year for for dy ear Image: Cost per year for for dy ear Image: Cost per year for for dy ear 1.6 for 7rd year Image: Cost per year for foot track to plantation in area where necessary Image: Cost per year foot foot track to plantation in area where necessary Rmt 2000 6.57 13140 18 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 to16 plus Nursery cost to meet the unforeseen expenditure ise. 15% on item No.1 to16 plus Nursery cost to meet the unforeseen expenditure Rs.32837913/- Augusta for foot foot foot foot foot foot foot		1.4 for 5th year					
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Cost per year from 2nd year to 9th year including		quarter for every 50 ha					
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(Rupees three crore eighty four lakh eighty nine thousand) only

Prepared by

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