

**REVISED ESTIMATE FOR RAISING PENAL COMPENSATORY AFFORESTATION PLANTATION UNDER  
HAPOLI FOREST DIVISION**

Name of Project                      Laying of 33 KV T/L from Namsai (Deobeel) to Namsai (Manmow)  
User Agency                          Power Dept.  
Location of CA                      Kassin Putu Ago VFR  
Area of CA                             $9.11 \times 2 = 18.22$  ha or say 18.30 ha.  
Perimeter                            2189 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.	20130	18	362340	
1	<b>1ST YEAR OPERATION</b>					
	Survey & demarcation and preparation of map @ 5 DL/ ha.	Ha	18.30	1665	30470	
	Add paid holidays @ 18.63%					
2	<b>2ND YEAR OPERATION</b>					
	(i) Erection of barbed wire fence (5 strand) fencing per 100 Rmt.	Rmt	2189	214.00	468446	
	(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.	5033	18.00	90594	
	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	18.30	53480	978684	
	(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	18.30	21179	387576	
	(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	18.30	16883	308959	
	(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	18.30	7925	145028	
	(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	18.30	8492	155404	
	(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	18.30	3197	58505	
	(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>					
	(i) Maint. of inspection path / fireline & climbing cutting	Ha	18.30	3397	62165	
	(ii) Add paid holiday @ 18.63% on total of item 10(i)					



	Add 70% escalation value on item 10(i) to 10 (ii)					
<b>11</b>	<b>9TH YEAR OPERATION</b>					
	(i) Maint. of inspection path / fireline & climber cutting	Ha	18.30	3596	65807	
	(ii) Add paid holiday @ 18.63% on item 11 (i)					
	Add 80% escalation value on total of item 11(i) to 11 (ii)					
<b>12</b>	<b>10TH YEAR OPERATION</b>					
	(i) Maint. of inspection path / fireline & climber cutting	Ha	18.30	3796	69467	
	(ii) Add paid holiday @ 18.63% on item 12 (i)					
	Add 90% escalation value on total of item 12 (i) to 12 (ii)					
<b>13</b>	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.10000/- for Area I & Rs.10500/- for Area-II per month.Add escalation value by multiplying factor 1st year	No.	1	1740000	1740000	
	(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					
<b>14</b>	Approach foot track to plantation in area where necessary	Rmt	1500	5.71	8565	
<b>15</b>	Contingency @ 3% on item No.1 to 14 plus nursery cost over Rs.4932010/-				1479603	
<b>16</b>	Provision for soil and moisture conservation structures (where needed) @ Rs. 6200/- per ha.	Ha	18.30	6200	113460	
				<b>Grand Total</b>	<b>5193430</b>	
				<b>or say</b>	<b>5193400</b>	

(Rupees sixty fifty one lakh ninety three thousand four hundred) only

Prepared by:

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