

1196

ESTIMATE FOR RAISING COMPENSATORY AFFORESTATION PLANTATION UNDER HAPOLI & BANDERDEWA FOREST

Name of project :-  
 User Agency :-  
 Location of CA :-  
 Area of CA :-  
 Wages of D/L :-

DIVISION

Construction of Hunli-Anini road from 23.00 km to 138.00 km  
 NHIDCL  
 Raga & Panir RF  
 156.828 ha x 2 = 313.656 ha  
 197/-

Sl. No.	Item of works				Remarks
		Unit	Qty	Rate	
<b>A</b>	<b>Creation of Nursery</b>				
	Cost of seedlings @ 1100 Nos. / ha	ha	345400	12.5	4317500
<b>1</b>	<b>1ST YEAR OPERATION</b>				
	Survey & demarcation and preparation of map @ 5 D/L/ha.	ha	314.00	985.00	309290
	Add paid holidays @ 18.63%				
	<b>Sub Total</b>				
<b>2</b>	<b>2ND YEAR OPERATION</b>				
	(i) Erection of barbed wire fence (5 strand) fencing per 100 Rmt.	Rmt	32060	151.14	4845548
	(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				
	<b>Sub-Total</b>				
<b>3</b>	<b>Raising of seedlings for casualty replacement</b>	<b>No.</b>	<b>86350</b>	<b>12.5</b>	<b>1079375</b>
	3rd year 15% = 165 Nos				
	4th year 10% = 110 Nos. Total = 275 Nos.				
<b>4</b>	<b>RAISING OF PLANTATION</b>				
	(i) Clearance of brush wood, planting lines & staking of debris @ 15 D/L per ha.	ha	314.00	31930	10026020
	(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>Sub-Total</b>				
<b>5</b>	<b>3RD YEAR OPERATION</b>	<b>ha</b>	<b>314.00</b>	<b>12529</b>	<b>3934106</b>
	(i) Tending - 3 weeding				
	(ii) Casualty replacement 15%				
	(iii) Maint. of inspection path				
	(iv) Fire line				
	(v) Add paid holiday @ 18.63 % on item 5 (i) to 5 (iv)				
	Add 10% escalation value on total of item 5 (i) to 5 (v)				
	<b>Sub-Total</b>				

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4TH YEAR OPERATION		ha	314.00	9988	3136232
	(i) Tending - 2 weedings				
	(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>Sub-Total</b>				
7 5TH YEAR OPERATION		ha	314.00	4689	1472346
	(i) Tending - 1 weedings				
	(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>Sub-Total</b>				
8 6TH YEAR OPERATION		ha	314.00	5024	1577536
	(i) Tending - 1 weedings				
	(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>Sub-Total</b>				
9 7TH YEAR OPERATION		ha	314.00	1891	593774
	(i) Maint. of inspection path / fireline & climber cutting				
	(ii) Add paid holiday 18.63% -item 9(i)				
	Add 60% escalation value on total item 9(i) to 9(ii)				
	<b>Sub-Total</b>				
10 8TH YEAR OPERATION		ha	314.00	2009	630826
	(i) Maint. of inspection path / fireline & climbing cutting				
	(ii) Add paid holiday @ 18.63% on total of item 10(i)				
	Add 70% escalation value on item 10(i) to 10 (ii)				
	<b>Sub-Total</b>				
11 9TH YEAR OPERATION		ha	314.00	2128	668192
	(i) Maint. of inspection path / fireline & climber cutting				
	(ii) Add paid holiday @ 18.63% on item 11 (i)				
	Add 80% escalation value on total of item 11(i) to 11 (ii)				
	<b>Sub-Total</b>				
12 10TH YEAR OPERATION		ha	314.00	2246	705244
	(i) Maint. of inspection path / fireline & climber cutting				
	(ii) Add paid holiday @ 18.63% on item 12 (i)				
	Add 80% escalation value on total of item 12 (i) to 12 (ii)				
	<b>Sub-Total</b>				

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13	Wages for plantation watchman at the rate of U/skilled labourer round the year for 10 year (one watchman for every 25 ha. of area subject to a minimum area of 15 ha.) @ Rs. 6000/- for Area-I & Rs. 6600/- for Area-II per month. Add escalation value by multiplying factor 1st year.	ha	12	1044000	12528000
	(M.F=1.1) for 2nd yr				
	(M.F=1.2) for 3rd yr				
	(M.F=1.3) for 4th yr				
	(M.F=1.4) for 5th yr				
	(M.F=1.5) for 6th yr				
	(M.F=1.6) for 7th yr				
	(M.F=1.7) for 8th yr				
	(M.F=1.8) for 9th yr				
	(M.F=1.9) for 10th yr				
	<b>Sub-Total</b>				
14	Monitoring and Supervision (POL, Maint. Of vehicles, Supervision including TE etc.) @ 10 % on Item No. 1 to 13 plus nursery cost. 45823989/-				4582399
15	a) Const. Of one modified improved standard size Barsha (MB) type quarter for every 50 ha	No.	6.00	1462900	8777400
	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				
	1.5 for 6th year				
	1.6 for 7th year				
	1.7 for 8th year				
	1.8 for 9th year				
16	(a) Construction of OBT labour shed (2- room) for workers at Plantation site subject to a minimum area of 15 ha. And up to 25 ha. Beyond 25 ha, one room to be added for every 13 ha. or part thereof at proportionate cost.	No.	12	276250	3315000
	(b) Maint. Of OBT hut @ 25% of the const. Cost per year from 4th year to 6th year including-				
	escalation value by multiplying factor.				
	1.3 for 4th year				
	1.4 for 5th year				
	1.5 for 6th year				
	<b>Sub-Total</b>				
	Rmt		11500	4.6	52900



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18	Provision for 1 (one) No.Afforestation Supervisor for every 150 ha @ 6500/-pm for 10 years where CA area is more than 150 ha.	No.	2	6500	1560000	
19	Contingency 5% on item No.1 to 18 plus Nursery cost to meet the unforeseen expenditure 64111688/-				3205584	
20	Provision for soil and moisture conservation structures (where needed) @ Rs. 4600/- per ha.	ha	157	4600	722200	
					<b>68039472</b>	
					or say <b>68039500</b>	

Already paid Rs.57419000.  
 Balance yet to paid **Rs.10620500**

(Rupees one crore six lakh twenty thousand five hundred) only

  
 D. Paul, D/man  
 O/o the PCCF & Pri. Secy (E & F)  
 Govt. of A.P., Itanagar

  
 Chief Conservator of Forests (Cons)  
 & Nodal Officer (FCA)



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