

**ESTIMATE FOR RAISING COMPENSATORY AFFORESTATION PLANTATION  
UNDER NAMSAI FOREST DIVISION**

**Name of Project** : Diversion of Forest land 19.52 Ha at Golden Pogoda, Namsai  
**Head of service** : General Administration, District Secretariat Namsai, Govt of A.P.  
**Location of CA** : Tengapani RF  
**Area of CA** : 39.04 ha  
**Wages rate (DL)** : 333

	Item of works	Unit	Qnt	Rate	Amount	
<b>A</b>	<b>Creation of Nursery</b>					
	Cost of seedlings @ 1100 Nos. / ha.	ha	42944	18	772992	
<b>1</b>	<b>1ST YEAR OPERATION</b>					
	Survey & demarcation and preparation of map @ 4 mandays/ ha.	ha	39.04	1332	52001	
	<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	3500	231.52	810320	
	(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>	10736	18.0	193248	
	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 mandays/ha.	ha	39.04	53114	2073571	
	(ii) Alignment of pits & preparation of stakes, staking @ 10 mandays/ha					
	(iii) Digging of pits 30 Cm X 30 Cm X 30 Cm @ 22 mandays/ha					
	(iv) Preparation of thala by uprooting of debris by hoeing around pits @ 22 mandays/ha					
	(v) Carrying of sapling to the planting site i/c planting of sapling @ 30 mandays (Area II) & 20 mandays (Area-I)/ha					
	(vi) Making of inspection path 1mtr wide @ 3 mandays/ha					
	(vii) Fire line cutting 3mtrs wide along the periphery @ 5 mandays/ha					
	(viii) Tending - 4 weeding @ 12 mandays/weeding/ha					
	Add 10% escalation value on total of item 4(i) to 4(viii)					
<b>5</b>	<b>3RD YEAR OPERATION</b>	<b>ha</b>	39.04	17982	702017	

	(i) Tending - 3 weeding @ 12 mandays/ha				
	(ii) Casualty replacement 15%				
	(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	<b>4TH YEAR OPERATION</b>	ha	39.04	14286	557725
	(i) Tending -2 weedings @ 12 mandays/weeding/ha				
	(ii) Casualty replacement 10% @ 7 mandays/ha				
	(iii) Maint. Of inspection path @ 1 manday/ha				
	(iv) Maint. of fireline @ 1 manday/weeding/ha				
	Add 30% escalation value on item 6(i) to 6(iv)				
7	<b>5TH YEAR OPERATION</b>	ha	39.04	6527	254814
	(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	<b>6TH YEAR OPERATION</b>	ha	39.04	6993	273007
	(i) Tending - 1 weedings @ 12 mandays/weeding/ha				
	(ii) Maint. of inspection path @ 1 mnday/ha.				
	(iii) Maint. of fireline @ 1 manday/ha.				
	Add 50% escalation value on item 8(i) to 8(iii)				
9	<b>7TH YEAR OPERATION</b>	ha	39.04	2664	104003
	(i) Maint. of inspection path / fireline & climber cutting @ 5 mandays/ha				
	Add 60% escalation value on total item 9(i)				
10	<b>8TH YEAR OPERATION</b>	ha	39.04	2831	110522
	(i) Maint. of inspection path / fireline & climbing cutting @ 5 mandays/ha				
	Add 70% escalation value on item 10(i)				
	<b>Sub-Total</b>				
11	<b>9TH YEAR OPERATION</b>	ha	39.04	2997	117003
	(i) Maint. of inspection path / fireline & climber cutting @ 5 mandays/ha				
	Add 80% escalation value on total of item 11(i)				
12	<b>10TH YEAR OPERATION</b>	ha	39.04	3164	123523
	(i) Maint. of inspection path / fireline & climber cutting @ 5 mandays/ha				
	Add 90% escalation value on total of item 12 (i)				



(Rupees ninety nine lakh fifteen thousand one hundred ) only

Prepared by

(P. Bui) Junior Estimator  
O/O PCCF, Itanagar

(R.K. Singh)  
Nodal Officer (FCA)