

**ESTIMATE FOR RAISING COMPENSATORY AFFORESTATION PLANTATION
UNDER BANDERDEWA FOREST DIVISION.**

Name of project
User Agency
Location of CA
Area of CA
Wages of D/LS

:- Construction of SWM Plant at Karsingsa
:- IMC, Itanagar
:- Drupong RF
:-14 ha.
:-Rs. 333/-

Sl. No	Items of works				Remarks
		Unit	Qty	Rate	
A	Creation of Nursery				
	Cost of Seedlings @ 1100 Nos./ha.				
1	1st YEAR OPERATION	No.	15400	18	277200.00
	Survey & demarcation and preparation of map @ 5 DL/ ha.	Ha.	14	1665	23310.00
	Add paid holidays @ 18.63%				
	Sub - Total				
2	2nd YEAR OPERATION				
	i) Erection of barbed wire fence (5 strand) fencing per 100 Rmt.				
	ii) Maint. barbed wire fencing @ 5 % of erection cost in each from 3 rd year to 6 th year Add.				
	Add 10 % escalation value by multiplying factor:				
	1.20 for 3 rd year				
	1.3 for 4 th year				
	1.4 for 5 th year				
	1.5 for 6 th year				
	Sub -Total	Rmt.	14	17338	242732.00
3	RAISING OF SEEDLINGS FOR CASUALTY REPLACEMENT				
	3 rd year 15% =165 Nos.				
	4 th year 10%=110 Nos. Total =275 Nos.	No.	3850	18	69300.00
4	RAISING OF PLANTATION				
	i) Clearance of brush wood, planting lines & staking or debries @ 15 D/L per ha.				
	ii) Alignment of pits & preparation of stakes, staking				
	iii) Digging of pits 30 Cm X 30 Cm X 30Cm				
	iv) Transportation of seedlings to the planting site i/c planting of seedling				
	v) Making of inspection path 1mtr wide				
	vi) Fire line cutting 3 mtrs 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)				
	Sub - Total	Ha.	14	53480	748720.00
5	3rd YEAR OPERATION				
	i) Tending -3 weeding				
	ii) Casualty replacement 15 %				
	iii) Maint. of inspection path				
	iv) Maint. of fire line				
	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)				

	Sub - Total	Ha	14	21179	296506.00	
6	4th YEAR OPERATION					
	i) Tending -2 weedings					
	ii) Casualty replacement 10 %					
	iii) Maint. of inspection path					
	iv) Maint. of fire line					
	v) Add paid holiday @ 18.63% on item 6 (i) to 6 (iv)					
	Add 30% escalation value on item 6 (i) to 6 (v)					
	Sub - Total	Ha.	14	16883	236362.00	
7	5th YEAR OPERATION					
	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)					
	Sub - Total	Ha.	14	7925	110950.00	
8	6th YEAR OPERATION					
	i) Tending -1 weedings					
	ii) Maint. of inspection path @ 1 DL/ha.					
	iii) Maint. of fire line @ 1 DL/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)					
	Sub - Total	Ha.	14	8492	118888.00	
9	7th YEAR OPERATION					
	i) Maint. of inspection path/fire line & climbing cutting					
	ii) Add paid holiday 18.63% item 9 (i)					
	Add 60% escalation value on total item 9 (i) to 9 (ii)					
	Sub - Total	Ha.	14	3197	44758.00	
10	8th YEAR OPERATION					
	i) Maint. of inspection path/fire line & climbing cutting					
	ii) Add paid holiday @ 18.63% on total item 10 (i)					
	Add 70% escalation value on item 10(i) to 10 (ii)					
	Sub - Total	Ha.	14	3397	47558.00	
11	9th YEAR OPERATION					
	i) Maint. of inspection path/fire line & climbing cutting					
	ii) Add paid holiday @ 18.63% on item 11 (i)					
	Add 80% escalation value on total of item 11(i) to 11 (ii)					
	Sub - Total	Ha.	14	3596	50344.00	
12	10th YEAR OPERATION					
	i) Maint. of inspection path/fire line & climbing cutting					
	ii) Add paid holiday @ 18.63% on item 12 (i)					
	Add 90% escalation value on total item 12(i) to 12 (ii)					
	Sub - Total	Ha.	14	3796	53144.00	

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. 7000/- for Area-I Add escalation value by multiplying factor 1 st year.					
	(M.F = 1.1) for 2 nd yr.					
	(M.F = 1.2) for 3 rd yr.					
	(M.F = 1.3) for 4 th yr.					
	(M.F = 1.4) for 5 th yr.					
	(M.F = 1.5) for 6 th yr.					
	(M.F = 1.6) for 7 th yr.					
	(M.F = 1.7) for 8 th yr.					
	(M.F = 1.8) for 9 th yr.					
	(M.F = 1.9) for 10 th yr.					
	Sub -Total	No.		1740000		
14	Approach foot track to plantation in area where necessary.	Rmt.	1400	5.71	7994.00	
15	Monitoring and 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 14 plus nursery cost over rupees 2327766.00				349164.90	
16	Provision for soil and moisture conservation structures (where needed) @ Rs. 6200/- per ha.	Ha.	14	6200	86800.00	

Total Rs. 27,63,730.90

Say Rs 27,63,800.00 (Rupees Twenty Seven Lakhs Sixty Three thousand Eight hundred) only

Divisional Forest Officer
Banderdewa Forest Division
Banderdewa