

38

ESTIMATE FOR RAISING COMPENSATORY AFFORESTATION PLANTATION UNDER NAMPONG FOREST DIVISION

Name of Project	Laying of 33 KV Transmission line from Miao to Namsai
User Agency	Power Deptt.
Location of CA	Miao, Diyun RF & USF
Area of CA	58.41ha x 2= 116.82 or say 117 ha.
Perimeter	4680 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.	128700	18	2316600	
1	1ST YEAR OPERATION					
	Survey & demarcation and preparation of map @ 5 DL/ ha.	Ha	117.00	1665	194805	
	Add paid holidays @ 18.63%					
2	2ND YEAR OPERATION					
	(i) Erection of barbed wire fence (5 strand) fencing per 100 Rmt.	Rmt	4680	214.00	1001520	
	(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.	32175	18.00	579150	
	3rd year 15%=165 Nos					
	4th year 10%= 110 Nos. Total= 275 Nos.					
4	RAISING OF PLANTATION					
	(i) Clearance of brush wood, planting lines & staking of debries @ 15 D/L per ha.	Ha	117.00	53480	6257160	
	(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)					
5	3RD YEAR OPERATION					
	(i) Tending - 3 weeding	Ha	117.00	21179	2477943	
	(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)					
6	4TH YEAR OPERATION					
	(i) Tending -2 weedings	Ha	117.00	16883	1975311	
	(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)					
7	5TH YEAR OPERATION					
	(i) Tending - 1 weedings	Ha	117.00	7925	927225	
	(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)					
8	6TH YEAR OPERATION					
	(i) Tending - 1 weedings	Ha	117.00	8492	993564	
	(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)					
9	7TH YEAR OPERATION					
	(i) Maint. of inspection path / fireline & climber cutting	Ha	117.00	3197	374049	
	(ii) Add paid holiday 18.63% item 9(i)					
	Add 60% escalation value on total item 9(i) to 9(ii)					
10	8TH YEAR OPERATION					
	(i) Maint. of inspection path / fireline & climbing cutting	Ha	117.00	3397	397449	
	(ii) Add paid holiday @ 18.63% on total of item 10(i)					
	Add 70% escalation value on item 10(i) to 10 (ii)					

11	9TH YEAR OPERATION					
	(i) Maint. of inspection path / fireline & climber cutting	Ha	117.00	3596	420732	
	(ii) Add paid holiday @ 18.63% on item 11 (i)					
	Add 80% escalation value on total of item 11(i) to 11 (ii)					
12	10TH YEAR OPERATION					
	(i) Maint. of inspection path / fireline & climber cutting	Ha	117.00	3796	444132	
	(ii) Add paid holiday @ 18.63% on item 12 (i)					
	Add 90% escalation value on total of item 12 (i) to 12 (ii)					
13	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.	5	1740000	8700000	
	(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					
14	a) Const.of one modified improved standard size Barsha (MB) type quarter for every 50 ha	No.	2	2021690	4043380	
	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					

(95)

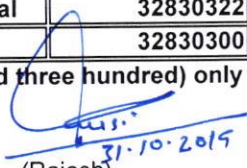
15	a) Const.of OBT labourer shed (2-room) for workers at Plantation site subject to a minimum area of 15 ha and upto 25 ha beyond 25 ha one room to be added for every 13 ha or part thereof at proportionate cost	No.				
	b) Maint.of OBT hut @ 25% of the const.of cost per year from 4th year to 6th year including:					
	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) If CA area is 10 km away from the nearest Forest Office/establishment one SPT building for Beat Office standard size for area above 100 ha.	No.				
	b) Maint.of @ 10% of const.cost per year (from 2nd year to 9th year) including:					
	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					
17	Approach foot track to plantation in area where necessary	Rmt	117.00	5.71	66807	
18	Contingency @ 3% on item No.1 to 16 plus nursery cost over Rs.31169827/-				935095	
19	Provision for soil and moisture conservation structures (where needed) @ Rs. 6200/- per ha.	Ha	117.00	6200	725400	
				Grand Total	32830322	
				or say	32830300	

(Rupees Three crore twenty eight lakh thirty thousand three hundred) only

Prepared by:


 (D. Paul), Addl. Chief Estimator

 O/o the Principal Chief Conservator of Forests
 Itanagar.


 (Rajesh)

PCCF & Nodal Officer (FCA)