

REVISED ESTIMATE FOR CERATION AND MAINTENANCE OF DWARF SPECIES (Preferably medicinal Plants) IN RIGHT OF WAY UNDER BANDERDEWA FOREST DIVISION

Name of Project

Const.of 132 KV DC T/L from Bishwanath Charalli to Itanagar.

User Agency

NER.II Transmission Ltd.

Area of CA

5.45 ha (18143 x 3 M)

Perimeter

39900 Rmt. (18143 m + 3)x2 Add. 10% wages rate

Wages rate (DL)

333/-

Sl. No.	Item of works	Unit	Qty	Rate	Amount	Remarks
A	Creation of Nursery					
	Cost of seedlings @ 1100 Nos / ha. (spacing 3m x 3m)	No.	5995	18	107910	
1	1ST YEAR OPERATION					
	Survey & demarcation and preperation of map @ 5 DL/ ha.	Ha	5.45	1665	9074	
	Add paid holidays @ 18.63%					
2	2ND YEAR OPERATION					
	(i) Erection of barbed wire fence (5 strand) fencing per 100 Rmt.@ 15368 per 100 Rmt.(hill) & 15114 per 100 Rmt (Plain)	Rmt	39900	214	8538600	
	(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.	1499	18.00	26982	
	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	5.45	53480	291466	
	(ii) Alignment of pits & preparation of stakes, staking @ 10 DLs/ha					


	(iii) Digging of pits 30 Cm X 30 Cm X 30 Cm @ 25 DLs (Hill) & 22 DLs (Plain)/ha					
	(iv) Transportation of seedlings to the planting site i/c planting of seedling @ 30 DLs (Hill) & 20 DLs (Plain)/ha					
	(v) Making of inspection path 1mtr wide @ 3 DLs/ha					
	(vi) Fire line cutting 3mtrs wide along the periphery @ 5 DLs/ha					
	(vii) Tending - 4 weeding @ 12 DLs/weeding per ha					
	(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 @ 12 DLS/weeding per ha	Ha	5.45	21179	115426	
	(ii) Casualty replacement 15%					
	(iii) Maint. of inspection path @ 1 DL/ha					
	(iv) Maint. Of fireline @ 1 DL/ha					
	(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 @ 12 DLS/Ha.	Ha	5.45	16883	92012	
	(ii) Casualty replacement 10% @ 7 DLS/Ha.					
	(iii) Maint. Of inspection path @ 1 DL/Ha.					
	(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 @ 12 DLs/weeding per ha	Ha	5.45	7925	43191	
	(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 @ 12 DLs/weeding per ha	Ha	5.45	8492	46281	
	(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 @ 5 DLS/Ha.	Ha	5.45	3197	17424	
	(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 @ 5DLS/Ha	Ha	5.45	3397	18514	
	(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 @ 5DLS/Ha	Ha	5.45	3596	19598	
	(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 @ 5DLS/Ha	Ha	5.45	3796	20688	
	(ii) Add paid holiday @ 18.63% on item 12 (i)					
	Add 90% escalation value on total of item 12 (i) to 12 (ii)					

13	Monitoring, Supervision (POL, Maint.of vehciles, including TE etc.) @ 12% and Contigency @ 3% to meet up unseen expenditure i.e.15% on item No.1 to 16 plus nursery cost over Rs.9347166/-				1402075	
14	Provision for soil and moisture conservation structures (where needed) @ Rs. 6200/- per ha.	Ha	5.45	6200	33790	
			Grand Total		10783031	
			Or say		10783000	
Already paid					9573600	

(Rupees Twelve lakh nine thousand four hundred) only

Prepared by:-


 (D. Paul), Addl. Chief Estimator
 O/o the Principle Chief Conservator of Forests
 Govt. of A.P, Itanagar


 (R.K. Singh)
 PCCF (A & V) LO