

Name of project
 User Agency
 Location of CA
 Area of CA
 Wages rate (DL)

Construction of 132 KV S/C (DC tower) T/L from Bomdila to Kalaktang.
 Power Deptt.
 Dengzi VFR
 32.944 hax 2 = 65.888 ha or say 65.88 ha
 330/-

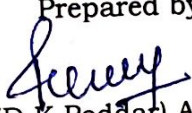
		Unit	Qnt	Rate	Amount	
A	Creation of Nursery					
	Cost of seedlings @ 1100 Nos. / ha.	ha	72478	18	1304604	
1	1ST YEAR OPERATION					
	Survey & demarcation and preperation of map @ 4 mandays/ha.	ha	65.88	1332	87752	
	Sub Total					
2	2ND YEAR OPERATION					
	(i) Erection of barbed wire fence (5 strand) fencing per 100 Rmt.	Rmt	5000	231.52	1157600	
	(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					
	Sub-Total					
3	Raising of seedlings for casualty replacement	No.	18117	18.0	326106	
	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 mandays/ha.	ha	65.88	53114	3499150	
	(ii) Alignment of pits & preparation of stakes, staking @ 10 mandys/ha					
	(iii) Digging of pits 30 Cm X 30 Cm X 30 Cm @ 22 mandays/ha					
	(iv) Preperation of thala by uprooting of debris by hoeing around pits @ 22 mandays/ha					
	(v) Carring of sapling to the planting site i/c planting of sapling @ 30 mandays (Area II) & 20 mandays (Area-10/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)					
3RD YEAR OPERATION		ha	65.88	17982	1184654
(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 4TH YEAR OPERATION		ha	65.88	14286	941162
(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 5TH YEAR OPERATION		ha	65.88	6527	429999
(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 6TH YEAR OPERATION		ha	65.88	6993	460699
(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 7TH YEAR OPERATION		ha	65.88	2664	175504
(i) Maint. of inspection path / fireline & climber cutting @ 5 mandays/ha					
Add 60% escalation value on total item 9(i)					
10 8TH YEAR OPERATION		ha	65.88	2831	186506
(i) Maint. of inspection path / fireline & climbing cutting @ 5 mandays/ha					

	Add 70% escalation value on item 10(i)				
	Sub-Total				
	9TH YEAR OPERATION	ha	65.88	2997	197442
	(i) Maint. of inspection path / fireline & climber cutting @ 5 mandays/ha				
	Add 80% escalation value on total of item 11(i)				
12	10TH YEAR OPERATION	ha	65.88	3164	208444
	(i) Maint. of inspection path / fireline & climber cutting @ 5 mandays/ha				
	Add 90% escalation value on total of item 12 (i)				
13	Wages for plantation watchman at the rate of Un/skilled labourer round the year for 10 year (one watchman for every 25 ha) @ 10000/- for Area-I & Rs.10500/- for Area-II per month. Add escalation value by multiplying factor 1st year.	No.	2	1740000	3480000
	(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 OBT labour 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.	2.00	492000	984000
	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				
	a) Constr. Of Modified Improved Basha Type standard size quarter for every 50 ha.				
15	b) Maint. Of @ 20% of constn. Cost per year (from 2nd year to 9th year) including:	No.	1.00	2439700	2439700
	1.2 for 3rd year				
	1.3 for 4th year				

	1.4 for 5rd year				
	1.5 for 6rd year				
	1.6 for 7rd year				
	1.7 for 8rd year				
	1.8 for 9rd year				
16	Entry point activities	ha	65.88	14600	14600
17	Approach foot track to plantation in area where necessary	Rmt	2000	6.57	13140
18	Monitoring, Supervision (POL, Maint. of vehicles, including TE etc.) @ 12% and Contingency @ 3% to meet up unseen expenditure i.e 15% on item No.1 to16 plus Nursery cost to meet the unforeseen expenditure Rs.17091063/-				2563659
19	Provision for soil and moisture conservation structures (where needed) @ Rs. 7200/- per ha.	ha	65.88	7200	474336
				Total	20129058
				or say Rs.20129000	

(Rupees two crore one lakh twenty nine thousand) only

Prepared by

 (D.K.Poddar) Addl. Chief Estimator
 O/O PCCF, Itanagar


 14-02-2022
 (K.B.Singh)
 Nodal Officer (FCA)