

Norms for 40 Ha. Artificial Regeneration (AR) Plantation at Sishoobari

Total Area = 40 Ha.
 Spacing (m x m) = 2 x 2
 Saplings per Ha. = 2500
 Length of Fence (RM) = 3950
 Wage Rate = 320

Increase in wage rate for subsequent years by a factor = 1.1

SI No.	Particular of works	Units	Qty./ Ha	Total Qty.	Rate/ Unit	Amount (Rs.)	Application rate of GST/Cess etc.	
							GST	Labour Cess
							14.05%	1%
A	ERECTION OF FENCING							
	(a) Cost of full chain-linked fencing (4' ht. With 10 Gauge, 3" dia link) with 3 strand barbed wire (one strand below the chain link and two strand above the chain link) to be fitted on pre-cast RCC pillars of specific specification and size (2.1m x 0.125m x 0.125m) as per details specification attached at 2.5m apart, including transportation, fitting and fixing for 3950 RM @ Rs. 1260/RM as per estimate (detailed estimate enclosed)	RMs		3950	1260	4977000		
	Sub Total					4977000	699268.5	49770
B	INFRASTRUCTURE IN PLANTATION AREA						12%	1%
	Cost of tools & implements	Set		1	10000	10000		
	Cost of RCC signboard & Gate including fitting and fixing of the same	Nos.		1	40000	40000		
	Sub Total					50000	6000	500
C	ADVANCE WORK (including sit nursery)						12%	1%
	Raising of Nursery for creation including vacancy filling for 3 (Three) years (25% + 15% + 10%) and sit nursery mortality 15% by using polypots	Nos.	16500	66000	40	2640000		
	Sit selection, surveying, demarcation, jungle cutting, slash disposal etc. 40 DLs/ha	DLs	160	1600	320	512000		
	Sub Total					3152000	378240	31520
D	CREATION						12%	1%
	Soil working, Carriage of stumps, Polypot seedling and planting at the plantation site including, dibbling of seeds wherever necessary to complete raising of plantation with all necessary operation @50 DLs/ha.	DLs	200	2000	320	640000		
	Sub Total					640000	76800	6400

E	1st YEAR MAINTENANCE						12%	1%
	4 weeding, mulching and fire protection works @ 25 DLs/ha/weeding	DLs	400	1600	320	512000		
	Contingency	LS				8000		
	Sub Total					520000	62400	5200
F	2nd YEAR MAINTENANCE						12%	1%
	4 weedings, mulching and fire protection works@ 25 DLs/ha./weeding	DLs	400	1600	320	512000		
	25% vacancy filling by 1 year old seedlings from nursery @ 28 DLs/ha	DLs	112	1120	320	358400		
	Maintenance and protection by way of deploying of watch & ward for site nursery & plantation area (1 DL for 365 days)	DLs	1	365	320	116800		
	Contingency	Ls				8000		
	Sub Total					995200	119424	9952
G	3rd YEAR MAINTENANCE						12%	1%
	4 Weeding, mulching and fire protection works@ 20 DLs/ha/weeding	DLs	320	3200	320	1024000		
	15% Vacancy filling by 2 nd Year old seedlings from nursery @ 23 DLs/ha	DLs	92	920	320	294400		
	Maintenance and protection by way of deploying of watch & ward for site nursery & plantation area (1 DL for 365 days)	DLs	1	365	320	116800		
	Contingency	Ls				8000		
	Sub Total					1443200	173184	14432
H	4th YEAR MAINTENANCE						12%	1%
	3 Weeding, fire protection works@ 15 DLs/ha/weeding	DLs	180	1800	320	576000		
	Maintenance and protection by way of deploying of watch & ward for site nursery & plantation area (1 DL for 365 days)	DLs	1	365	320	116800		
	Contingency	Ls				8000		
	Sub Total					700800	84096	7008
I	5th YEAR MAINTENANCE						12%	1%
	Climber cutting, 3 weeding & other silvicultural works and fire protection works @ 15 DLs/ha	DLs	180	1800	320	576000		
	Maintenance and protection by way of deploying of watch & ward for site nursery & plantation area (1 DL for 365 days)	DLs	1	365	320	116800		

	Contingency	Ls				8000		
	Sub Total					700800	84096	7008
J	6th YEAR MAINTENANCE							
	Repairing of Chainlink fencing	Ls				25000		
	1 st mechanical thinning of alternate single strips in the plantation; 1250 Nos. of strms/ha	DLs	248	2480	3200	793600		
	Climber cutting, Silvicultural works and fire protection works @ 10 DLs/ha	DLs	40	400	3200	128000		
	Maintenance of camp hut, implements, upkeepment of plantation signboard, documentation & upkeepment of records etc.	LS				5000		
	Contingency	LS				9000		
	Sub Total					960600	115272	9606
K	7th YEAR MAINTENANCE						12%	1%
	Climber Cutting, Silvicultural works and fire protection works @ 10 DLs/ha	DLs	40	400	3200	128000		
	Maintenance of camp hut, implements, upkeepment of plantation signboard, documentation & upkeepment of records etc.	LS				5000		
	Contingency	LS				5000		
	Sub Total					138000	16560	1380
L	8th YEAR MAINTENANCE						12%	1%
	Climber Cutting, Silvicultural works and fire protection works @ 10 DLs/ha	DLs	40	400	3200	128000		
	Maintenance of camp hut, implements, upkeepment of plantation signboard, documentation & upkeepment of records etc.	LS				5000		
	Contingency	LS				5000		
	Sub Total					138000	16560	1380
M	9th YEAR MAINTENANCE						12%	1%
	Climber Cutting, Silvicultural works and fire protection works @ 10 DLs/ha	DLs	40	400	3200	128000		
	Maintenance of camp hut, implements, upkeepment of plantation signboard,	LS				5000		

	documentation & upkeepment of records etc.							
	Contingency	LS				5000		
	Sub Total					138000	16560	1380
N	10 th YEAR MAINTENANCE							
	Climber Cutting, Silvicultural works and fire protection works @ 10 DLs/ha	DLs	40	400	320	128000		
	Maintenance of camp hut, implements, upkeepment of plantation signboard, documentation & upkeepment of records etc.	LS				5000		
	Contingency	LS				5000		
	Sub Total					138000	16560	1380
	Total					14691600	1865020.5	146914
	Over Head Cost (50% of Compensatory Afforestation)					2466150		
	Total					17157750		
	Grand Total including GST, Labour Cess etc. Rs.					19169684.5		

Rupees One Crore Ninety One Lakh Sixty Nine Thousand Six Hundred Eighty Four and Fifty paise only.


Chief Conservator of Forest cum CHD,
Barakland Territorial Council, Kokrajhar


Divisional Forest Officer
Chirang Division
Kajalgaon
Divisional Forest Officer
Chirang Division
Kajalgaon