

CA Scheme for 4.1 Hectare Artificial Regeneration (AR) Plantation for ONGC

Area (ha.) 4.1
 Spacing (m x m) 2 X 2
 Number of Saplings/ ha 2500
 Length of Fence (RM) 930 *
 Wage rate (Rs.) 344
 Increase in wage rate for subsequent years by a factor 1.1 **

Sl. No.	Particulars of works	Units	Qty./ Ha.	Total Qty.	Rate/ Unit	Amount (Rs.)	Applicable rate of GST/ Cess etc.	
							GST	Labour Cess
A	ERECTION OF FENCING							
	(a) Cost of full chain link fencing (4' ht with 10 guage 3" dia link) with 3 strand barbed wire (one strand below the chain link and two strand above the chain link) to be filled on pre-cast RCC pillars of specific specification and size (2.1m x 0.125m x 0.125m) as per detail specification attached at 2.5 m apart, including transportation, fitting and fixing for 930 RM @ Rs. 1706/RM as per estimate (Inclusive of 14.05% GST and 1% Labour Cess)	RM's		930	1706	1586580		
	Sub Total					1586580		
B	INFRASTRUCTURE IN PLANTATION AREA							
	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		
	GST					6000	12%	
	Labour Cess					500		1%
	Total					56500		
C	ADVANCE WORK							
	Raising of Nursery for creation including vacancy filling for 3 (three) years (25% + 15% + 10%) and site nursery mortality 15% by using polypots	Nos.	4125	16913	10	169125		
	Site selection, surveying, demarcation, jungle cutting, slash disposal etc. 40 DLs/ha.	DLs	40	164	344	56416		
	Sub Total					225541		
D	CREATION							
	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	50	205	344	70520		
	Sub Total					70520		
E	1ST YEAR MAINTENANCE							
	4 weeding, mulching and fire protection works @ 25 DLs/ ha/ weeding	DLs	100	410	344	141040		
	Contingency	LS				5000		
	Sub total					146040		
F	2ND YEAR MAINTENANCE							

Sl. No.	Particulars of works	Units	Qty./ Ha.	Total Qty.	Rate/ Unit	Amount (Rs.)	Applicable rate of GST/ Cess etc.	
							GST	Labour Cess
	4 weedings, mulching & fire protection works @ 25 DLs/ha/weeding	DLs	100	410	378.4	155144		
	25% vacancy filling by 1 year old seedlings from nursery @ 28 DLs/ha	DLs	28	114.8	378.4	43440.32		
	Maintenance and protection by way of deploying of watch & ward for site nursery & plantation area (1 DL for 365 days)	Dls	1	365	378.4	138116		
	Contingency	LS				5000		
	Sub Total					341700.32		
G	3RD YEAR MAINTENANCE							
	4 weedings, mulching & fire protection works @ 20 DLs/ ha/ weeding	DLs	80	328	416.24	136526.72		
	15% Vacancy filling by 2 year old seedlings from nursery @ 23 DLs/ ha	DLs	23	94.3	416.24	39251.432		
	Maintenance and protection by way of deploying of watch & ward for site nursery & plantation area (1 DL for 365 days)	Dls	1	365	416.24	151927.6		
	Contingency	LS				5000		
	Sub Total					332705.752		
H	4TH YEAR MAINTENANCE							
	3 weedings, fire protection works @ 15 DLs/ ha/ weeding	DLs	45	184.5	457.86	84475.908		
	Maintenance and protection by way of deploying of watch & ward for site nursery & plantation area (1 DL for 365 days)	Dls	1	365	457.86	167120.36		
	Contingency	LS				5000		
	Sub Total					256596.268		
I	5TH YEAR MAINTENANCE							
	Climber cutting, 3 weedings & other silvicultural works and fire protection works @ 15 DLs/ ha	DLs	45	184.5	503.65	92923.4988		
	Maintenance and protection by way of deploying of watch & ward for site nursery & plantation area (1 DL for 365 days)	Dls	1	365	503.65	183832.396		
	Contingency	LS				5000		
	Sub Total					281755.8948		
J	6TH YEAR MAINTENANCE							
	Repairing of Chainlink fencing	LS				25000		
	1st mechanical thinning of alternate single strips in the plantation; 1250 nos of stems/ha	DLs	62	254	554.02	140830.7248		
	Climber cutting, Silvicultural works and fire protection works @ 10 DLs/ ha	DLs	10	41	554.02	22714.63304		
	Maintenance of camp hut, implements, upkeepment of plantation signboard, documentation & upkeepment of records etc.	LS				5000		
	Contingency	LS				9000		
	Sub Total					202545.3579		
K	7TH YEAR MAINTENANCE							
	Climber cutting, Silvicultural works and fire protection works @ 10 DLs/ ha	DLs	10	41	609.42	24986.09634		

Sl. No.	Particulars of works ,	Units	Qty./ Ha.	Total Qty.	Rate/ Unit	Amount (Rs.)	Applicable rate of GST/ Cess etc.	
							GST	Labour Cess
	Maintenance of camp hut, implements, upkeepment of plantation signboard, documentation & upkeepment of records etc.	LS				5000		
	Contingency	LS				5000		
	Sub Total					34986.09634		
L	8th YEAR MAINTENANCE							
	Climber cutting, Silvicultural works and fire protection works @ 10 DLs/ ha	DLs	10	41	670.36	27484.70598		
	Maintenance of camp hut, implements, upkeepment of plantation signboard, documentation & upkeepment of records etc.	LS				5000		
	Contingency	LS				5000		
	Sub Total					37484.70598		
M	9th YEAR MAINTENANCE							
	Climber cutting, Silvicultural works and fire protection works @ 10 DLs/ ha	DLs	10	41	737.39	30233.17658		
	Maintenance of camp hut, implements, upkeepment of plantation signboard, documentation & upkeepment of records etc.	LS				5000		
	Contingency	LS				5000		
	Sub Total					40233.17658		
N	10th YEAR MAINTENANCE							
	Climber cutting, Silvicultural works and fire protection works @ 10 DLs/ ha	DLs	10	41	811.13	33256.49423		
	Maintenance of camp hut, implements, upkeepment of plantation signboard, documentation & upkeepment of records etc.	LS				5000		
	Contingency	LS				5000		
	Sub Total					43256.49423		
	Total					3656445		
	Over Head Cost (50% of Compensatory Afforestation)					1828223		
	Cost for strengthening of infrastructure (Vehicles, etc) for the department in the region.	LS				15000000		
	Grand Total					20484668		
	Rupees Two Crore Four Lakh Eighty Four thousand Six hundred and Sixty Eight only							

Technically Approved By:

CCF & Nodal Officer (FC Act)
o/o PCCF & H&FF, Assam

Submitted By:

DFO, Nagaon WL
Nagaon, Assam
Divisional Forest Officer
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Note:

* subject to actual measurement in the field.

** subject to revision of schedule of rates.