Norms for 3.92 Hectare Compensatory Afforestation Plantation at Lungdingkro Village under Langting Range of Dima Hasao District

Area (ha.)	=	3.92
Spacing (m x m)	=	2x2
Number of Saplings/ha	=	2500
Length of Fence (Rm)	=	941
Wage rate (Rs.)	=	320
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.)
A	**ERECTION OF FENCING**					
	(a) Cost of chain link fence (4' ht with 12 Gauge, 3 inch x 3 inch mesh size)) with 2 strand barbed wire to be fitted on wooden post of 1.55m height above ground at 6 feet apart including transportation, fitting and fixing for 532 RM @ Rs. 1260 per RM as per estimate	RMs		941	1260	**11,85,660.00**
	Sub Total					**11,85,660.00**
	Add GST @14.05%					**1,66,585.23**
	Add Labour Cess @1%					**13,522.45**
	TOTAL					**13,65,767.68**
B	**INFRASTRUCTURE IN PLANTATION AREA**					
	Cost of tools & implements	Nos.		1	10,000	**10,000.00**
	Cost of RCC signboard & Gate including fitting and fixing of the same	Nos.		1	40,000	**40,000.00**
	Sub Total					**50,000.00**
	Add GST @12%					**6,000.00**
	Add Labour Cess @1%					**560.00**
	TOTAL					**56,560.00**
C	**ADVANCE WORK**					
	Site selection, surveying, demarcation, jungle cutting, slash disposal etc. 40 DLs/ha	DLs	40	157	320	**50,240.00**
	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	16170	10	**1,61,700.00**
	Sub Total					**2,11,940.00**
D	**CREATION**					
	Soil working, carriage of stumps, poly pot 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	196	352	**68,992.00**
	Sub Total					**68,992.00**
E	**1ST YEAR MAINTENANCE**					
	4 weeding,mulching and fire protection works @25 DLs/ha/weeding	DLs	100	392	352	**1,37,984.00**
	Contingency	LS				**5,000.00**
	Sub Total					**1,42,984.00**

Sl. No.	Particulars of works	Units	Qty./ Ha.	Total Qty.	Rate/ Unit	Amount (Rs.)
E	**2nd YEAR MAINTENANCE**					
	4 weedings, mulching & fire protection works@25 DLs/ha/weeding	DLs	100	500	387	**1,93,500.00**
	25% vacancy filling by 1 year old seedlings from nursery @28 DLs/ha/weeding	DLs	28	109.76	387	**42,477.12**
	Maintenance and protection by way of deploying of watch & ward for site nursery & plantation area (1 DL for 365 days)	DLs	1	365	387	**1,41,255.00**
	Contingency	LS				**5000.00**
	Sub Total					**3,82,232.12**
F	**3rd YEAR MAINTENANCE**					
	4 weedings, mulching & fire protection works@20 DLs/ha/weeding	DLs	80	314	426	**1,33,764.00**
	15% vacancy filling by 2 year old seedlings from nursery @23DLs/ha/weeding	DLs	23	90	426	**38,340.00**
	Maintenance and protection by way of deploying of watch & ward for site nursery & plantation area (1 DL for 365 days)	DLs	1	365	426	**1,55,490.00**
	Contingency	LS				**5,000.00**
	Sub Total					**3,32,594.00**
G	**4th YEAR MAINTENANCE**					
	3 weedings, fire protection works@15 DLs/ha/weeding	DLs	45	176	469	**82,544.00**
	Maintenance and protection by way of deploying of watch & ward for site nursery & plantation area (1 DL for 365 days)	DLs	1	365	469	**1,71,185.00**
	Contingency	LS				**5,000.00**
	Sub Total					**2,58,729.00**
H	**5th YEAR MAINTENANCE**					
	Climber cutting, 3 weedings & other silvicultural works and fire protection works@15 DLs/ha	DLs	45	176	516	**90,816.00**
	Maintenance and protection by way of deploying of watch & ward for site nursery & plantation area (1 DL for 365 days)	DLs	1	365	516	**1,88,340.00**
	Contingency	LS				**5,000.00**
	Sub Total					**2,84,156.00**
I	**6th YEAR MAINTENANCE**					
	Repairing of Chainlink fencing	LS				**19,600.00**
	1st mechanical thinning of alternate single strips in the plantation; 1250 Nos of stems/ha	DLs	62	244	568	**1,38,592.00**
	Climber cutting, Silvicultural works and fire protection works @ 10 DLs/ha.	DLs	10	39	568	**22,152.00**
	Maintenance of camp hut, implements, upkeepment of plantation signboard, demarcation & upkeepment of records etc.	LS				**5,000.00**
	Contingency	LS				**9,000.00**
	Sub Total					**1,94,344.00**
J	**7th YEAR MAINTENANCE**					
	Climber cutting, 3 weedings & other silvicultural works and fire protection works@10 DLs/ha	DLs	10	39	625	**24,375.00**
	Maintenance of camp hut, implements, upkeepment of plantation signboard, demarcation & upkeepment of records etc.	LS				**5,000.00**
	Contingency	LS				**5,000.00**
	Sub Total					**34,375.00**
k	**8th YEAR MAINTENANCE**					
	Climber cutting, silvicultural works and fire protection works@10 DLs/ha	DLs	10	39	688	**26,832.00**
	Maintenance of camp hut, implements, upkeepment of plantation signboard, demarcation & upkeepment of records etc.	LS				**5,000.00**
	Contingency	LS				**5,000.00**
	Sub Total					**36,832.00**

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Sl. No.	Particulars of works	Units	Qty./ Ha.	Total Qty.	Rate/ Unit	Amount (Rs.)
L	**9th YEAR MAINTENANCE**					
	Climber cutting, silvicultural works and fire protection works@10 DLs/ha	DLs	10	39	757	**29,523.00**
	Maintenance of camp hut, implements, upkeepment of plantation signboard, demarcation & upkeepment of records etc.	LS				**5,000.00**
	Contingency	LS				**5,000.00**
	Sub Total					**39,523.00**
M	**10th YEAR MAINTENANCE**					
	Climber cutting, silvicultural works and fire protection works@10 DLs/ha	DLs	10	39	833	**32487.00**
	Maintenance of camp hut, implements, upkeepment of plantation signboard, demarcation & upkeepment of records etc.	LS				**5,000.00**
	Contingency	LS				**5,000.00**
	Sub Total					**42,487.00**
	Total					**34,51,515.80**
	Over Head Cost (50% of Compensatory Afforestation)					**17,25,757.90**
	Grand Total					**51,77,273.70**
	Say Rs.					**51,77,274.00**

(Rupees Fifty one lakhs seventy seven thousand two hundred seventy four) only.

Divisional Forest Officer
Dima Hasao Forest Division(East)
Haflong.

TECHNICALLY APPROVED

Chief Conservator of Forests
Dima Hasao District, Assam.
Haflong