

Detail estimate for the creation and maintenance of proposed 16.0 Ha. Compensatory Afforestation area at Langtingmupa RF under Maibang Range of Dima Hasao East Forest Division, Haflong against Forest Diversion Proposal for 132 Kv Sankardevnagar - Lunding Transmission Line

Location - Langtingmupa RF

Area (Ha.) - 16.0 Ha.

Species (m X m) - 2x2

Number of saplings/Ha. - 2500

Length of Fence (R.M) - 2149

Wage Rate for the 1st year (Rs.) - 320

Increase in wage rate for subsequent years by a factor 1.1

Appreciation of material costs by a factor 1.1

Sl. No.	Particulars of works	Units	Qty/ Ha.	Total Qty	Rate / Unit	Amount (Rs.)	Applicable rate of GST & Labour Cess	
A.	<u>ERECTION OF FENCING</u>	@Rs. 320/DL					GST (14.05%)	Labour Cess (1%)
	a) Cost of full chain -linked Goat Proofing Fencing (4' ht with 10 Gauge 3" dia link) to be fitted on Pre-cast RCC pillars at 1.8 mt. apart including transportation of fencing materials to site 860 RM @ 1260 per RM as per estimate.	RMs		2149	1260	2707740.00		
	Sub-Total =					2707740.00	14%	1%
B.	<u>INFRASTRUCTURE IN PLANTATION AREA</u>							
	Cost of tools & Implements	Nos.		1	10,000	10000.00		
	Cost of RCC Signboard & Gate including fitting & fixing of the same	Nos.		1	40,000	40000.00		
	Sub-Total =					50000.00	12%	1%
C.	<u>ADVANCE WORK</u>							

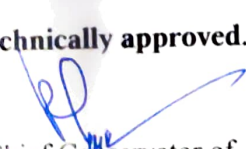
	Raising of Nursery for creation including vacancy filling for 3 (three) years (25% + 15%+10%) and site nursery mortality 15% by using polypots	Nos.	4125	66000.0	10	660000.00		
	Site Selection, Surveying, Demarcation, Jungle Cutting. Slash disposal etc. 40 DLs/Ha.	DLS	40	640	320	204800.00		
	Sub-Total =					864800.00		
D.	<i>CREATION</i>							
	Soil working, carriage of stumps, pollypot seedlings & 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	800	320	256000.00		
	Sub-Total =					256000.00		
E.	<i>1st YEAR MAINTENANCE</i>							
	4 weeding, mulching and fire protection works @ 25 DLs ha/weeding.	DLs	100	1600	320	512000.00		
	Contingency	LS	0	0	0	5000.00		
	Sub-Total =					517000.00		
F.	<i>2nd YEAR MAINTENANCE</i>							
	4 weeding, mulching and fire protection works @ 25 DLs ha/weeding.	DLS	100	1600	352	563200.00		
	25% vacancy filling by 1 year old seedlings from nursery @ 28 DLs/ha.	DLS	28	448.00	352	157696.00		
	Maintenance and protection by way of deploying of watch and ward for the site sursery and plantation area (1 DL for 365 days)	DLS	1	365	352	128480.00		
	Contingency	LS				5000.00		
	Sub-Total =					854376.00		
G.	<i>3rd YEAR MAINTENANCE</i>							

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	Repairing of Chainlink fencing	LS				25000.00		
	1st mechanical thinning of alternate single strips in the plantation ; 1250 nos of stems/ha	DLS	62	992	515	510880.00		
	Climber cutting, other silvicultural works and fire protection works @ 10 DLs / ha.	DLS	10	160	515	82400.00		
	Maintenance of camp huts, implements, upkeepment of plantation signboard, documentation & upkeepment of records etc.	LS				5000.00		
	Contingency	LS				5000.00		
	Sub-Total =					628280.00		
K.	<u>7TH YEAR MAINTENANCE</u>							
	Climber cutting, other silvicultural works and fire protection works @ 10 DLs / ha.	DLS	10	160	566	90560.00		
	Maintenance of camp huts, implements, upkeepment of plantation signboard, documentation & upkeepment of records etc.	LS				5000.00		
	Contingency	LS				5000.00		
	Sub-Total =					100560.00		
L.	<u>8TH YEAR MAINTENANCE</u>							
	Climber cutting, other silvicultural works and fire protection works @ 10 DLs / ha.	DLS	10	160	623	99680.00		
	Maintenance of camp huts, implements, upkeepment of plantation signboard, documentation & upkeepment of records etc.	LS				5000.00		
	Contingency	LS				5000.00		
	Sub-Total =					109680.00		
M.	<u>9TH YEAR MAINTENANCE</u>							
	Climber cutting, other silvicultural works and fire protection works @ 10 DLs / ha.	DLS	10	160	685	109600.00		

	Maintenance of camp huts, implements, upkeepment of plantation signboard, documentation & upkeepment of records etc.	LS				5000.00		
	Contingency	LS				5000.00		
	Sub-Total =					119600.00		
N	10TH YEAR MAINTENANCE							
	Climber cutting, other silvicultural works and fire protection works @ 10 DLs / ha.	DLS	10	160	754	120640.00	-	-
	Maintenance of camp huts, implements, upkeepment of plantation signboard, documentation & upkeepment of records etc.	LS				5000.00	-	-
	Contingency	LS				5000.00	-	-
	Sub-Total =					130640.00		
	Total =					8239017.00		
	50% Over Head Cost of Compensatory Afforestation					4119508.50		
	GST @ 14.05 % and Cess @1% of SL No. A					407514.87		
	GST @ 12 % and Cess @1% of SL No. B					6500.00		
	Grand Total					12772540.37		

Technically approved.


Chief Conservator of
Forests
Dima Hasao District,
Assam
Haflong

Submitted


Divisional Forest Officer
Dima Hasao Forest Division
(East)
Haflong

<u>Abstract</u>				
Erection of fencing			-	2707740.00
Infrastructure in Plantation Area			-	50000.00
Advance works			-	864800.00
Creation			-	256000.00
1st year maintenance				517000.00
2nd year maintenance			-	854376.00
3rd year maintenance			-	784031.00
4th year maintenance			-	603530.00
5th year maintenance			-	512780.00
6th year maintenance			-	628280.00
7th year maintenance			-	100560.00
8th year maintenance			-	109680.00
9th year maintenance			-	119600.00
10th year maintenance			-	130640.00
		Total		8239017.00
50% Over Head Cost of Compensatory Afforestation			-	4119508.50
GST @ 14.05 % and Cess @1% of SL No. A				407514.87
GST @ 12 % and Cess @1% of SL No. B				6500.00
		Grand Total		12772540.37

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