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 - Lumding Transmission Line

Location - Langtingmupa RF

Area (Ha.) - 16.0 Ha.

Species (m X m) - 2x2 Number of saplings/Ha. - 2500

Length of Fence 2149

(R.M) - 2149

Wage Rate for the 1st - 320

year (Rs.)
Increase in wage rate

for subsequent years by 1.1

a factor

Appreciation of

material costs by a 1.1

factor

Sl. No.	Particulars of works	Units	Qty/ Ha.	Total Qty	Rate / Unit	Amount (Rs.)	Applicable GST & I Ces	Labour
A.	ERECTION OF FENCING		Rs. /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.	INFRASTRUCTURE IN PLANTATION AREA							
	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>ADVANCVE WORK</u>							

1	Deining of Norman Gran		l	 		 	
	Raising of Nursery for						
	creation including vacancy						
	filling for 3 (three) years	Nos.	4125	66000.0	10	660000.00	
	(25% + 15%+10%) and site						
	nursery mortility 15% by						
	using polypots	DIG	40	6.10	220	204000 00	
	Site Selection, Surveying,	DLS	40	640	320	204800.00	
	Demarcation, Jungle						
	Cutting. Slash disposal etc.						
	40 DLs/Ha.					0.64000.00	
-	Sub-Total =					864800.00	
D.	CREATION		Т			T	
	Soil working, carriage of	DLS	50	800	320	256000.00	
	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.						
	Sub-Total =					256000.00	
E.	<u>1st YEAR MAINTENANCE</u>		1	,			
	4 weeding, mulching and	DLs	100	1600	320	512000.00	
	fire protection works @ 25						
	DLs ha/weeding.						
	Contigency	LS	0	0	0	5000.00	
	Sub-Total =					517000.00	
F.	2nd YEAR MAINTENANCE		1			1	
	4 weeding, mulching and				352		
	fire protection works @ 25	DLS	100	1600		563200.00	
	DLs ha/weeding.						
	25% vacancy filling by 1						
	year old seedlings from	DLS	28	448.00	352	157696.00	
	nursery	טבט	20	1 10.00	332	15,070.00	
	@ 28 DLs/ha.						
	Maintenance and	DLS	1	365	352	128480.00	
	protection by way of						
	deploying of watch and						
	ward for the site sursery						
	and plantation area (1 DL						
	for 365 days)						
	Contigency	LS				5000.00	
	Sub-Total =					854376.00	
G.	3rd YEAR MAINTENANCE						

1		 		Ì	İ	 		l I
	4 weeding, mulching and	D. C	0.0	1200	205	40.50.00		
	fire protection works @ 20	DLS	80	1280	387	495360.00		
	DLs ha/weeding.							
	15% vacancy filling by 2							
	year old seedlings from	DLS	23	368	387	142416.00		
	nursery @ 23 DLs/ha.							
	Maintenance and							
	protection by way of							
	deploying of watch and							
	ward for the site Nursery	DLS	1	365	387	141255.00		
	and plantation area (1 DL							
	for 365 days)							
	Contingency					5000.00		
	Sub-Total =					784031.00		
H.	4TH YEAR MAINTENANCE	<u> </u>						
	3 weeding, mulching and							
	fire protection works @ 15	DLS	45	720	426	306720.00		
	DLs ha/weeding.							
	10% vacancy filling by 3	DLS	20	320.00	426	136320.00		
	year old seedlings from							
	nursery @ 20 DLs/ha.							
	Maintenance and							
	protection by way of							
	deploying of watch and	DLS	1	365	426	155490.00		
	ward for the site nursery	~						
	and plantation area (1 DL							
	for 365 days)					5000.00		
	Contingency Sub-Total =					5000.00 603530.00		
I.	5TH YEAR MAINTENANCE	7				003530.00		
1.	Climber cutting, 3	DLS	45	720	468	336960.00		
	weedlings & other	DLS	43	720	400	330900.00		
	silvicultural works and fire							
	protection works @ 15							
	DLs / ha.							
	Maintenance and	DLS						
	protection by way of							
	deploying of watch and		1	365	468	170820.00		
	ward for the site nursery		1	303	400	1/0020.00		
	and plantation area (1 DL							
	for 365 days)							
	Contingency	LS				5000.00		
-	Sub-Total = 512780.00							
J.	. <u>6TH YEAR MAINTENANCE</u>							

	Repairing of Chainlink fencing	LS				25000.00	
	1st mechanical thinning of alternate single strips in the	DLS	62	992	515	510880.00	
	plantation; 1250 nos of stems/ha		02	992	313	310880.00	
	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 =	20				628280.00	
K.	7TH YEAR MAINTENANCE	<u> </u>			l l	0202000	<u> </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.	8TH YEAR MAINTENANCE	<u> </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.	9TH YEAR MAINTENANCE	-					
	Climber cutting, other silvicultural works and fire protection works @ 10	DLS	10	160	685	109600.00	
	DLs / ha.						

Maintenance of camp huts, implements, upkeepment of plantation signboard, documentation & upkeepment of records etc. Contingency Sub-Total =	LS				5000.00 5000.00 119600.00		
N 10TH YEAR MAINTENANG Climber cutting, other silvicultural works and fire protection works @ 10	DLS	10	160	754	120640.00		-
DLs / ha. 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

Abstract		
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

Technically approved.

Chief Conservator of Forests

Dima Hasao District, Assam

Haflong

Submitted

Divisional Forest Officer Dima Hasao Forest Division (East)

Haflong