2 12/22







**GOVERNMENT OF ASSAM** 

OFFICE OF THE CHIEF CONSERVATOR OF FORESTS (T):: CENTRAL ASSAM CIRCLE
GUWAHATI-29

No. FG.4/CAC/Sterlite Power/Technical Approval/Goal/2022-23

Date: 11. 10 . 2022

То:

The Divisional Forest Officer,

Goalpara Division,

Goalpara

Sub:

Technical approval

Ref:

Your letter No. A/GLP/DFO(T)/ Sterlite Power/Technical Approval/2102-05, dtd,30-09-2022.

With reference to your letter cited above, the estimate for proposed Compensatory Afforestation Plantation in 4 (four) plots of area measuring 10 ha. at Dolongdoba RF under Rangjuli Range, 10 ha. at Nalbari under Lakhipur Range, 25 ha. at Guriajhar RF under Central Range, Krishnai and 39 ha. at Zangarajangsa RF under Central Range, Krishnai (total 84.0 ha) with 10 years maintenance along with estimate for 3.0 Ha. Dwarf Species/Medicinal Plantation against the diversion proposal for an area of 41.747 ha for construction of 400 KV D/C Bongaigaon-Nangalbibra by Sterlite Power Transmission Ltd. is returned herewith after according technical approval by the undersigned.

Enclo: As stated above.

(Sandeep Kumar, IFS)
Addl. Principal Chief Conservator of Forests
I/C Central Assam Circle
Guwahati-29

Copy (E-mail) to:

1.Principal Chief Conservator of Forests & HoFF, Assam, Aranya Bhawan, Guwahati-37 for favour

2. Principal Chief Conservator of Forests (T), Lower Assam Circle, Basistha, Guwahati-29 for favour of kind information.

3. Additional Principal Chief Conservator of Forests & Chief Executive Officer (CAMPA), Assam, Lankeswar, Jalukbari, Guwahati-14 for favour of kind information.

4.Chief Conservator of Forests & Nodal Officer (FC Act), Assam, O/o the Principal Chief Conservator of Forests & HoFF, Assam, Panjabari, Guwahati-37.

(Sandeep Kumar, IFS)
Addl. Principal Chief Conservator of Forests
I/C Central Assam Circle
Guwahati-29

45	Estimate for 10 Ha Afforestation (Artificial Reg	enera	ea (ha)	Dolonge	.00	10					
- 1	Spac	ng (m	Xm)	2500							
9	Number of	Sapli	ngs/ ha			13	-				
1	Length o	f Fenc	e (RM)	320							
1	Wage rate for the	1st ye	ar(Rs.)			1.					
-	Increase in wage rate for subsequent yea	rs by a	factor	Trank I	Rate /	Amount	Applicat	le rate of	Total		
-	Particulars of works	Units	Qty./ha	Total Qty.	Unit	(Rs.)	GST/Cess etc. (Rs.)		Amount (in		
No.	Particulars of works			- 4//			GST	Labour	Rs.)		
A	ERECTION OF FENCING						10	1			
	(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 1332 RM @ Rs. 1706/RM as per estimate.	RMs		1332	1706	2272392			2272392		
	Sub total	-						-			
В	INFRASTRUCTURE IN PLANTATION AREA	Set		1	10000	10000		-			
	Cost of tools and implements.	Nos.		1	40000	40000					
	Cost of RCC signboard & Gate including fitting and fixing of the same.		-	-		50000	6000	500	56500		
	Sub total	OTE C	-	1							
C	ADVANCE WORK (including site nursery)		+	1							
	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	41250	10	412500		-			
	Site selection, Surveying, demarcation, jungle cutting, slash disposal etc.	DLs	40	400	320	128000					
	40 DLs/ha.		+	1		540500			540500		
	Sub total		-	-			1	-			
D	CREATION	_	+	+	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	50	500	320	160000					
	Sub total					160000		-	16000		
E	1st YEAR MAINTENANCE			1	-	-	-	+	1		
	4 weedings, mulching and fire protection works @ 25 DLs/ha/weeding.	DLs	100	1000	320	320000	-	-	-		
	Maintenance and protection by way of deploying of watch and ward for site nursery & plantation area (2 DLs for 365 days).	DLs	2	730	320	1000	-	-			
	Contingency	123	-	+	-	56360		_	56360		
	Sub total		-	+	1	1					
F	2 <sup>nd</sup> YEAR MAINTENANCE 4 weedings, mulching and fire protection works @ 25 DLs/ha/weeding.	DLs	100	1000	352	35200	0				
		1	28	280	352	9856	0				
	25% Vacancy filling by 1 year old seedlings from nursery@ 28 DLs/ha	DLs	20	200	332	7000	-	-	-		
	Maintenance and protection by way of deploying of watch and ward for site nursery & plantation area (2 DLs for	DLs	1	365	352	12848	0				
	365 days). Contingency	LS				800					
	Sub total					58704	0		58704		
G	3 <sup>rd</sup> YEAR MAINTENANCE	=									
	4 weedings, mulching and fire protection works @ 20 DLs/ha/weeding.	DLs	80	800	387	30960	0				
	15% Vacancy filling by 2 year old saplings from nursery@ 23DLs/ha	DLs	23	230	387	8901	0				
	Maintenance and protection by way of deploying of watch and ward fo site nursery & plantation area (2 DLs fo 365 days).	r DLs	1	365	387	14125	5				
	Contingency	LS				800	0		Total M		
	Sub total	!				54786	5		54780		
Н	1 Distriction and the second				-						
	3 weedings, fire protection works @ 15 DLs /ha/weeding.	DLs	45	450	426	19170	0	•			
	10% Vacancy filling by 3 year old seedlimngs from nursery @20 DLs /ha	DLs	20	200	426	8520	0	-			
	Maintenance and protection by way of deploying of watch and ward fo site nursery & plantation area (1 DLs for 365 days).	DLS		365	426						
	Contingency	LS				800					
	Sub total	1		1		44039	0		4403		

Divisional Forest Officer (T)
Goalpara Division.

1								
1	5 <sup>th</sup> YEAR MAINTENANCE							
	mber cutting, 3 weeding & other silvicultural works and fire protection works @ 15 DLs/ha	DLs	45	450	469	211050		
	Maintenance and protection by way of deploying of watch and ward for site nursery & plantation area (1 DLs for 365 days).	DLS	1	365	469	171185		
	Contingency	LS				8000		39023
	Sub total			-	-	390235		39023
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	620	516	319920		
	Climber cutting, other Silvicultural works and fire protection works @10 DLs/ha	DLs	10	100	516	51600		
	Maintenance of camp hut, implements, upkeepment of plantation sign board, documentation, upkeepment of records etc.	LS				5000		
	Contingency	LS				9000		
	Sub total					410520		4105
K	7th YEAR MAINTENANCE							
	Climber cutting, Silvicultural works and fire protection works @ 10 DLs/ha	DLs	10	100	568	56800		
	Maintenance of camp hut, implements, upkeepment of plantation sign board, documentation, upkeepment of records etc.	LS				5000		
	Contingency	LS				5000		
	Sub total					66800		6680
L	8 <sup>th</sup> YEAR MAINTENANCE							
	Climber cutting, Silvicultural works and fire protection works @ 10 DLs/ha	DLs	10	100	625	62500	N	
	Maintenance of camp hut, implements, upkeepment of plantation sign board, documentation, upkeepment of records etc.	LS				5000		
	Contingency	LS				5000		
	Sub total					72500		725
M	9th YEAR MAINTENANCE							
	Climber cutting, Silvicultural works and fire protection works @ 10 DLs/ha	DLs	10	100	688	68800		
	Maintenance of camp hut, implements, upkeepment of plantation sign board, documentation, upkeepment of records etc.	LS				5000		
	Contingency	LS				5000		
	Sub total					78800		7880
M	10th YEAR MAINTENANCE							THE BOOK SE
	Climber cutting, Silvicultural works and fire protection works @ 10 DLs/ha	DLs	10	100	757	75700		
	Maintenance of camp hut, implements, upkeepment of plantation sign board, documentation, upkeepment of records etc.	LS				5000		
	Contingency	LS	-			5000		
	Sub total					85700		8570
					Total		6272842	
	Over Head Cos	t (50% o	f Compen	satory Aff	orestation)		3136421	
				G	rand Total		9409263	

Say Rs. 9409263.00

# NOTE:

Goalpara Division

<sup>\*</sup>Subject to actual measurement in the field.

<sup>\*\*</sup>Subject to revision of scheduled of rates.

The rates of fencing have been considered from CPWD norms as per Delhi Scheduled rates 2021.

## Abstract

Details	Amount in Rs.
Details	2272392.00
Erection of fencing	56500.00
Infrastructure in Plantation Area	540500.00
Advance works	160000.00
Creation	563600.00
1st year maintenance	
2nd year maintenance	587040.00
3rd year maintenance	547865.00
4th year maintenance	440390.00
5th year maintenance	390235.00
6th year maintenance	410520.00
7th year maintenance	66800.00
8th year maintenance	72500.00
	78800.00
9th year maintenance	85700.00
10th year maintenance	6272842.00
Total	3136421.00
50% Over Head Cost of Compensatory Afforestation	The second second second
Grand Tota	9409263.00

Say Rs. 9409263.00

(Rupees Ninty Four Lakhs Nine Thousand Two Hundred Sixty Three Only)

Technically approved.

Addl. Principal Chief Conservator of Forests I/C. Central Assam Circle Basistha, Guwahati-29

Submitted

Divisional Forest Office Divis Goalpara Division (T), Goalpara Division

12

		Area (ha)					39						
		2 X 2											
		Number of Saplings/ ha Length of Fence (RM)											
	Wage rate			2864 320									
-	Increase in wage rate for subseque												
S.No.	Particulars of works		Qty./ha	Total	Rate /	Amount	Applical	ole rate of	Total				
A		Units	70,000	Qty.	Unit	(Rs.)		s etc. (Rs.) Labour	Amount				
^	ERECTION OF FENCING						GST	Cess	Rs.)				
	(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 precast 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 2864 RM @ Rs. 1706/RM as per estimate.	RMs		2864	1706	4885984							
-	Sub total					4885984			48859				
В	INFRASTRUCTURE IN PLANTATION AREA  Construction of camp hut with installation of ring well/tube		-										
	well.	Nos.		1	225000	225000							
	Cost of tools and implements.	Set		2	5000	10000			Trainer.				
	Cost of RCC signboard & Gate including fitting and fixing of the same.	Nos.		1	40000	40000							
	Camp accessories @ Rs. 10,000/- per camp	Nos.		2	10000	20000							
	Sub total					295000	35400	2950	3333				
C	ADVANCE WORK (including site nursery)		The state of the s					4700	5555				
	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	160875	10	1608750							
	Site selection, Surveying, demarcation, jungle cutting, slash disposal etc. 40 DLs/ha.	DLs	40	1560	320	499200							
D	Sub total					2107950			21070				
-	CREATION Soil working corriage of streets I								21079				
K	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	1950	320	624000							
E 1	1st YEAR MAINTENANCE Sub total					624000			62400				
4	weedings, mulching and fire protection works @ 25								02400				
N	Maintenance and protection of field pursery and watch and	DLs	100	3900	320	1248000							
1	ward for the plantation area (2 DL for 365 days)	DLs	2	730	320	233600							
	Sub total	LS				15000							
F 2	" YEAR MAINTENANCE					1496600		a situation	1496600				
D D	weedings, mulching and fire protection works @ 25 DLs/ha/weeding.	DLs	100	3900	352	1372800							
28	5% Vacancy filling by 1 year old seedlings from nursery@ 8 DLs/ha	DLs	28	1092	352								
	faintenance and protection of field nursery and watch and ard for the plantation area (2 DL for 365 days)	DLs	2	730	-	384384							
M	aintenance of camp but implements	-		130	352	256960	2.11						
rec	antation sign board, documentation, upkeepment of cords and other misc. work.	LS				10000			Heer				
1		LS	100			15000	-						
	Sub total					2039144			2039144				

nivisional Forest Officer (T)
Goalpara Division.

G	YEAR MAINTENANCE							
	4 weedings, mulching and fire protection works @ 20 DLs/ha/weeding.	DLs	80	3120	387	1207440		
	15% Vacancy filling by 2 year old saplings from nursery@ 23 DLs/ha	DLs	23	897	387	347139		
	Maintenance and protection of field nursery and watch and ward for the plantation area (2 DL for 365 days)	DLs	2	730	387	282510		
	Maintenance of camp hut, implements, upkeepment of plantation sign board, documentation, upkeepment of records etc.	LS				5000		
	Contingency	LS	1000			15000		- 400
	Sub total					1857089	Service to	185
H	4th YEAR MAINTENANCE			1				
	3 weedings, fire protection works @ 15 DLs /ha/weeding.	DLs	45	1755	426	747630		
	10% Vacancy filling by 2 year old saplings from nursery@ 20 DLs/ha	DLs	20	780	426	332280		
	Maintenance and protection of field nursery and watch and ward for the plantation area (1 DL for 365 days)	DLs	1	365	426	155490		
	Maintenance of camp hut, implements, upkeepment of plantation sign board, documentation, upkeepment of records etc.					5000		
	Contingency	LS				15000		
	Sub total					1255400		125
1	5th YEAR MAINTENANCE							
	Climber cutting, 3 weeding & other silvicultural works and fire protection works @ 15 DLs/ha	DLs	45	1755	469	823095		
	Maintenance and protection by way of deploying of watch and ward for site nursery & plantation area (1 DLs for 365 days).	DLS	1	365	469	171185		
	Maintenance of camp hut, implements, upkeepment of plantation sign board, documentation, upkeepment of records etc.	LS				5000	1000	
	Contingency	LS				15000		SILVER SILVE
	Sub total					1014280		101
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. @ 62 Dls/ha.	DLs	62	2418	516	1247688		
	Climber cutting, other Silvicultural works and fire protection works @10 DLs/ha	DLs	10	390	516	201240		
	Maintenance of camp hut, implements, upkeepment of plantation sign board, documentation, upkeepment of records etc.	LS				5000		
	Contingency	LS				9000		
	Sub total					1487928		140
1	7th YEAR MAINTENANCE					1.137,720		148
- 1	Climber cutting, Silvicultural works and fire protection works @ 10 DLs/ha	DLs	10	390	568	221520		
-	Maintenance of camp hut, implements, upkeepment of plantation sign board, documentation, upkeepment of records etc.	LS				5000		
1	Contingency	LS		THE STATE OF		5000		
1,	Sub total					231520	And the second	
1.3	Start		3			231320		231:
1,	Climber cutting, Silvicultural works and fire protection works @ 10 DLs/ha	DLs	10	390	625	243750		
P	Maintenance of camp hut, implements, upkeepment of plantation sign board, documentation, upkeepment of ecords etc.	LS				5000	T ROLL	
1	onting							
1	ontingency	LS				5000		

AT Interest Officer (T)

							E ASSESSED	
M	9th YEAR MAINTENANCE Climber cutting, Silvicultural works and fire protection	DLs	10	390	688	268320		
	Maintenance of camp hut, implements, upkeepment of plantation sign board, documentation, upkeepment of	LS				5000		
	records etc.	10		Q*=15.003.		5000		
	Contingency	LS				278320		278320
	Sub total							
N	10th YEAR MAINTENANCE		MARKS.					
	Climber cutting, Silvicultural works and fire protection works @ 10 DLs/ha	DLs	10	390	757	295230		
	Maintenance of camp hut, implements, upkeepment of plantation sign board, documentation, upkeepment of	LS				5000		
	records etc.	LS				5000		
	Contingency Sub total	LIG				305230		305230
	Sub total				Total			18170545
	Over Head Cost	/509/ of	Company	atory Affo			9085272.5	
	Over Head Cost	(50% 01	Compens	Gr	and Total		27255817.5	

Say Rs. 27255818.00

# NOTE:

- \*Subject to actual measurement in the field.
- \*\*Subject to revision of scheduled of rates.

The rates of fencing have been considered from CPWD norms as per Delhi Scheduled rates 2021.

## Abstract

Details	(Amount in Rs.)
Erection of fencing	4885984.00
Infrastructure in Plantation Area	333350.00
Advance works	2107950.00
Creation	624000.00
1st year maintenance	1496600.00
2nd year maintenance	2039144.00
3rd year maintenance	1857089.00
4th year maintenance	1255400.00
5th year maintenance	1014280.00
6th year maintenance	1487928.00
7th year maintenance	231520.00
8th year maintenance	253750.00
9th year maintenance	278320.00
10th year maintenance	305230.00
Total	18170545.00
50% Over Head Cost of Compensatory Afforestation	9085272.50
Grand Total	27255817.50

Say Rs. 27255818.00

( Rupees Two Crore Seventy Two Lakhs Fifty Five Thousand Eight Hundred Eighteen Only)

Technically approved.

Addl. Principal Chief Conservator of Forests

I/C. Central Assam Circle Basistha, Guwahati-29 Submitted

Divisional Eorest Officer (1 Officer (1) Officer (1)

		25								
		2 X 2								
	Num	_	ng (m X m) Saplings/ ha							
	Lei	ngth of	Fence (RM)		-	22	74	THE PAR		
	Wage rate f	or the	st year(Rs.)			32	20			
	Increase in wage rate for subsequent	nt year	by a factor			1.	.1			
S.No.	Particulars of works		Units Qty./ha		Rate / Unit	Amount (Rs.)		ole rate of s etc. (Rs.)	Total Amount (in	
A	ERECTION OF FENCING						GST	Labour Cess	Rs.)	
	(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 2274 RM @ Rs. 1706/RM as per estimate.	RMs		2274	1706	3879444				
	Sub total			-		3879444			387944	
В	INFRASTRUCTURE IN PLANTATION AREA				-	3077444			30/744	
	Construction of camp hut with installation of ring well/tube well.	Nos.		1	225000	225000		100		
	Cost of tools and implements.	Set		1	10000	10000				
	Cost of RCC signboard & Gate including fitting and fixing of the same.	Nos.		1	40000	40000			FA B	
	Camp accessories @ Rs. 10,000/- per camp	Nos.		1	10000	10000				
	Sub total					285000	34200	2850	322050	
C	ADVANCE WORK (including site nursery)									
	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	103125	10	1031250				
	Site selection, Surveying, demarcation, jungle cutting, slash disposal etc. 40 DLs/ha.	DLs	40	1000	320	320000				
	Sub total					1351250			1351250	
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	1250	320	400000				
P	Sub total					400000			400000	
	1st YEAR MAINTENANCE 4 weedings, mulching and fire protection works @ 25 DLs/ha/weeding.	DLs	100	2500	320	800000				
	Maintenance and protection by way of deploying of watch and ward for site nursery & plantation area (2 DLs for 365 days).	DLs	2	730	320	233600				
1	Contingency	LS			_	10000				
	Sub total					1043600			1042600	
F	2 <sup>nd</sup> YEAR MAINTENANCE					1043000		-	1043600	
	4 weedings, mulching and fire protection works @ 25 DLs/ha/weeding.	DLs	100	2500	352	880000				
	25% Vacancy filling by 1 year old seedlings from nursery@ 28 DLs/ha	DLs	28	700	352	246400				
1	Maintenance and protection by way of deploying of watch and ward for site nursery & plantation area (2 DLs for 365 days).	DLs	2	730	352	256960				
	Maintenance of camp hut, implements, upkeepment of plantation sign board, documentation, upkeepment of records and other misc. work.	LS				10000				
0	Contingency	LS				10000	-			
		2.0				10000				



G 3rd YEAR MAINTENANCE									
4 weedings, mulching and fire protection works	s @ 20 p	)Ls	80	2000	387	774000			
DLs/ha/weeding.  15% Vacancy filling by 2 year old saplings from the second sec		+			387	222525			
23DLs/ha  Maintenance and protection by way of deploying of v		DLs	23	575	387	222323			
ward for site nursery & plantation area DLs for 365 days).	(2) I	DLs	2	730	387	282510			
Maintenance of camp hut, implements, upkeep plantation sign board, documentation, upkeepment of etc.	of records	LS				5000			
Contingency		LS				10000 1294035			129403
	Sub total	-		-		1274033			
H 4th YEAR MAINTENANCE	. ,	21 -	45	1125	426	479250			
3 weedings, fire protection works @ 15 DLs /ha/weed		DLs	43	1123	420				
10% Vacancy filling by 3 year old seedlimngs from nurser /ha		DLs	20	500	426	213000			
Maintenance and protection by way of deploying of ward for site nursery & plantation area for 365 days).	watch and (1 DLs 1	DLs	1	365	426	155490			
Maintenance of camp hut, implements, upkeeplantation sign board, documentation, upkeepment etc.	pment of of records	LS				5000		14	
Contingency		LS				10000			86274
	Sub total	_		-	-	862740			0027
1 5th YEAR MAINTENANCE		-		+	-	-		-	
Climber cutting, 3 weeding & other silvicultural work protection works @ 15 DLs/ha		DLs	45	1125	469	527625			
Maintenance and protection by way of deploying of ward for site nursery & plantation area for 365 days).	(1 DLs	DLS	1	365	469	171185	7		
Maintenance of camp hut, implements, upkee plantation sign board, documentation, upkeepment etc.	pment of of records	LS				5000			
Contingency		LS				10000		-	7138
	Sub total	-		+	++	713810			/130
J 6 <sup>th</sup> YEAR MAINTENANCE Repairing of chainlink fencing.		LS				25000			
1st mechanical thinning of alternate single strips in the plantation: 1250 nos. of stems/ha.	ie	DLs	62	1550	516	799800			
Climber cutting, other Silvicultural works and fire works @10 DLs/ha	protection	DLs	10	250	516	129000			
Maintenance of camp hut, implements, upkee plantation sign board, documentation, upkeepment etc.		LS				5000			
Contingency		LS				9000			
	Sub total					967800			9678
K 7th YEAR MAINTENANCE									
Climber cutting, Silvicultural works and fire protec @ 10 DLs/ha	tion works	DLs	10	250	568	142000			
Maintenance of camp hut, implements, upkee plantation sign board, documentation, upkeepment etc.	of records	LS				5000			
Contingency		LS				5000			
	Sub total					152000			1520
L 8th YEAR MAINTENANCE									
Climber cutting, Silvicultural works and fire protec	tion works	DLs	10	250	625	156250			
Maintenance of camp hut, implements, upker plantation sign board, documentation, upkeepment etc.	epment of of records	LS				5000			
Contingency		LS	T. X.			5000			
	Sub total					166250			166



Over Head Cost (50% of Compensatory Afforestation) Grand Total							6468794.5 19406383.5		
			1	Total	12937589				
Sub total	"				199250	10000000	19925		
	LS				5000		19925		
of camp hut, implements, upkeepment of gn board, documentation, upkeepment of records	LS				5000	194			
ng, Silvicultural works and fire protection works		10	250	757	189250				
MAINTENANCE	-		-						
Sub total			1		102000				
	LS				182000		18200		
of camp hut, implements, upkeepment of n board, documentation, upkeepment of records			,		5000				
ng, Silvicultural works and fire protection works	DLs	10	250	688	172000				
ng, Silvi	NANCE cultural works and fire protection works	NANCE cultural works and fire protection works DLs	NANCE cultural works and fire protection works DLs 10	NANCE cultural works and fire protection works DLs 10 250	NANCE cultural works and fire protection works DLs 10 250 688	NANCE cultural works and fire protection works DLs 10 250 688 172000	NANCE		

Say Rs. 19406384.00

#### NOTE:

\*Subject to actual measurement in the field.
\*\*Subject to revision of scheduled of rates.

The rates of fencing have been considered from CPWD norms as per Delhi Scheduled rates 2021.

## Abstract

Details	(Amount in Rs.)
Erection of fencing	3879444.00
Infrastructure in Plantation Area	322050.00
Advance works	1351250.00
Creation	400000.00
1st year maintenance	1043600.00
2nd year maintenance	1403360.00
3rd year maintenance	1294035.00
4th year maintenance	862740.00
5th year maintenance	713810.00
6th year maintenance	967800.00
7th year maintenance	152000.00
8th year maintenance	166250.00
9th year maintenance	182000.00
10th year maintenance	199250.00
Total	12937589.00
50% Over Head Cost of Compensatory Afforestation	6468794.50
Grand Total	19406383.50

Say Rs. 19406384.00

( Rupees One Crore Ninty Four Lakhs Six Thousand Three Hundred Eighty Four Only)

Technically approved.

Addl. Principal Chief Conservator of Forests

I/C. Central Assam Circle Basistha, Guwahati-29

Submitted

Goalpara Deripor (TD) Goalpara

		A	rea (na)				10				
-	Spacing (m X m)  Number of Saplings/ ha  Length of Fence (RM)  Wage rate for the 1st year(Rs.)				2 X 2						
					2500 1363						
					320						
_							1.1				
	Increase in wage rate for subsequent yea			Total	Rate /	Amount	Applicable rate of		Track 1		
No.	Particulars of works  ERECTION OF FENCING	Units	Qty./ha	Qty.	Unit	(Rs.)	GST/Cess GST	Labour Cess	Total Amount (in Rs.)		
	(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 1363 RM @ Rs. 1706/RM as per estimate.	RMs		1363	1706	2325278					
	Sub total					2325278			232527		
В											
-	INFRASTRUCTURE IN PLANTATION AREA	0.1		1	10000	10000		-	5		
	Cost of tools and implements.  Cost of RCC signboard & Gate including fitting and fixing of	Set	-			-					
	the same.  Sub total	Nos.	u J	1	40000	40000 50000	6000	500	5650		
С	ADVANCE WORK (including site nursery)  Raising of Nursery for creation including vacancy filling for 3							1			
	(three) years (25% + 15% + 10%) and site nursery mortality 15% by using polypots.	Nos.	4125	41250	10	412500					
	Site selection, Surveying, demarcation, jungle cutting, slash	DLs	40	400	320	128000					
	disposal etc. 40 DLs/ha.  Sub total	•				540500			54050		
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	500	320	160000					
	Sub total					160000			16000		
E	1st YEAR MAINTENANCE 4 weedings, mulching and fire protection works @ 25	DLs	100	1000	320	320000					
	DLs/ha/weeding.  Maintenance and protection by way of deploying of watch and ward for site nursery & plantation area (2 DLs for 365 days).	DLs	2	730	320	233600					
	Contingency	LS		-	-	10000	-	-	5636		
	Sub total	-		-	-	303000			-		
F	2 <sup>nd</sup> YEAR MAINTENANCE  4 weedings, mulching and fire protection works @ 25 DLs/ha/weeding.	DLs	100	1000	352	352000					
	25% Vacancy filling by 1 year old seedlings from nursery@ 28	DLs	28	280	352	98560					
	Maintenance and protection by way of deploying of watch and ward for site nursery & plantation area (2 DLs for 365 days).	DLs	1	365	352	128480					
	Contingency	LS	-	-	-	587040	-	-	5870		
	Sub total	-	-	-		307040					
G	3 <sup>rd</sup> YEAR MAINTENANCE 4 weedings, mulching and fire protection works @ 20 DLs/ha/weeding.	DLs	80	800	387	309600					
	15% Vacancy filling by 2 year old saplings from nursery@ 23 DLs/ha	DLs	23	230	387	8901		1			
	Maintenance and protection by way of deploying of watch and ward for site nursery & plantation area (2 DLs for 365 days).	DLs		365	387	14125					
	Contingency Sub total	LS	,	+	+	54786	-	*	547		
**		+	-	1		1					
Н		DLs	45	450	426	19170	0				
	3 weedings, fire protection works @ 15 DLs /ha/weeding.  10% Vacancy filling by 3 year old seedlimngs from nursery @20		-	200	426	8520	0				
	DLs/ha  Maintenance and protection by way of deploying of watch an ward for site nursery & plantation area (1 DL	d s DL	s 1	365	426	15549	0				
	for 365 days).	LS	-	-	+	800	o				

Divisional Forest Officer (T)

Goalpara Division.

11	Th YEAR MAINTENANCE	-			-			
1	Climber cutting, 3 weeding & other silvicultural works and tire	DLs	45	450	469	211050		
Î	Maintenance and protection by way of deploying of watch and ward for site nursery & plantation area (1 DLs	DLS	1	365	469	171185		
1.	for 365 days).	LS				8000	2	20022
1	Contingency Sub total		,			390235		39023
-	6th YEAR MAINTENANCE							
1	Renairing of chainlink fencing.	LS				25000		<del></del>
	1st mechanical thinning of alternate single strips in the plantation: 1250 nos. of stems/ha.	DLs	62	620	516	319920		
	Climber cutting, other Silvicultural works and fire protection works @10 DLs/ha	DLs	10	100	516	51600		
	Maintenance of camp hut, implements, upkeepment of plantation sign board, documentation, upkeepment of records etc.	LS				5000		
	Contingency	LS				9000		
	Sub total		40-24-74194			410520		4105
	7th YEAR MAINTENANCE	-						
	Climber cutting, Silvicultural works and fire protection works	DLs	10	100	568	56800		
	@ 10 DLs/ha  Maintenance of camp hut, implements, upkeepment of plantation sign board, documentation, upkeepment of records	LS				5000		
	etc.	LS		-	1	5000		
	Contingency Sub total			+	1	66800		668
				+	1			
L	8th YEAR MAINTENANCE  Climber cutting, Silvicultural works and fire protection works  10 DLs/ha	DLs	10	100	625	62500		
	Maintenance of camp hut, implements, upkeepment of plantation sign board, documentation, upkeepment of records etc.	LS				5000		
	Contingency	LS				5000		
	Sub total					72500		72:
1	9th YEAR MAINTENANCE					, ,		
	Climber cutting, Silvicultural works and fire protection works @ 10 DLs/ha	D23	10	100	688	68800		
	Maintenance of camp hut, implements, upkeepment of plantation sign board, documentation, upkeepment of recorded etc.	LS				5000		
	Contingency	LS				5000		
	Sub total				-	78800		78
И	10 <sup>th</sup> YEAR MAINTENANCE			-			-	
	Climber cutting, Silvicultural works and fire protection works @ 10 DLs/ha	-	10	100	757	75700		
	Maintenance of camp hut, implements, upkeepment of plantation sign board, documentation, upkeepment of recorded.	s LS				5000		
	Contingency	LS				5000		
	Sub total	i				85700		85
-	Total							6325
	Over Head Cos	st (50% of Compensatory Afforestation)					31628	
_		Grand Total				9488592		

Grand Total Say Rs. 9488592.00

## NOTE:

\*Subject to actual measurement in the field.

\*\*Subject to revision of scheduled of rates.

The rates of fencing have been considered from CPWD norms as per Delhi Scheduled rates 2021.

Goalpara Division

# Abstract

Details	(Amount in Rs.)
Erection of fencing	2325278.00
Infrastructure in Plantation Area	56500.00
Advance works	540500.00
Creation	160000.00
1st year maintenance	563600.00
2nd year maintenance	587040.00
3rd year maintenance	547865.00
4th year maintenance	440390.00
5th year maintenance	390235.00
6th year maintenance	410520.00
7th year maintenance	66800.00
8th year maintenance	72500.00
9th year maintenance	78800.00
10th year maintenance	85700.00
Total	6325728.00
50% Over Head Cost of Compensatory	3162864.00
Grand Total	9488592.00

Say Rs. 9488592.00

(In Words Rupees Ninty Four Lakhs Eighty Eight Thousand Five Hundred Ninety Two Only)

Technically approved.

Addl. Principal Chief Conservator of Forests
I/C. Central Assam Circle
Basistha, Guwahati-29

Submitted

Divisional Forest Officer (T)

Coalpard Division (T), Coalpara

Goalpara