

Scheme for 8 ha C.A. Plantation in Borajuli Pathar under Biswanath District

Diversion of Forest land for Improvement and upgradation of Ghagarabasti to Hawajan (Mazgaon) Road under Asom Mala in the state of Assam

Area(ha)	8
Spacing (mxm)	2x2
Number of saplings/ha	2,500
Length of Fench(RM)	1,570
Wage Rate(Rs)	366
Increase in wage rate for subsequent years by a factor	1.1

SI No	Particulars of Works	Units	Qty./Ha	Total Qty.	Rate/Unit	Amount(Rs)	Applicable rate of GST/Cess etc		Total Amount (Rs)
							GST	Labour Cess	
A	ERCTION OF FENCING								
	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 fitted on pre-dast 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 X RM @ Rs. 1616/RM as per estimate (detailed estimate enclosed)	RM		1,570	1,661	26,07,770			
	Sub Total					26,07,770	3,66,391.69	26,077.70	30,00,239.39
B	INFRASTRUCTURE IN PLANTATION AREA								
	Construction of camp hut with installtion of ring well/tube well	Nos.		1	2,00,000	2,00,000			
	Cost of tools & implements	Set		1	10,000	10,000			
	Cost of RCC signboard & Gate including fitting and fixing of the same	Nos.		1	40,000	40,000			
	Sub Total					2,50,000	30,000	2,500	2,82,500

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ADVANCE WORK(including site nursery)		Rs 366/DLs						
Raising of Nursery for creation including vacancy filling for 3 (three) years (25% + 15% + 10%) and site nursery mortality 15% by using polypots	Nos.	4,125	33,000	10	3,30,000			
Site selection, surveying, demarcation, jungle cutting, slash disposal etc. 40 DLs/ha.	DLS	40	320	366	1,17,120			
Sub Total					4,47,120			4,47,120
D	CREATION	Rs 366/DLs						
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	400	366	1,46,400			
Sub Total					1,46,400			1,46,400
E	1st YEAR MAINTENANCE	Rs 366/DLs						
4 weeding, mulching and fire protection works @ 25 DLs/ha/ weeding	DLS	100	800	366	2,92,800			
Contingency	LS				8,000			
Sub Total					3,00,800			3,00,800
F	2nd YEAR MAINTENANCE	Rs 403/DLs						
4 weedings, mulching and fire protection works @ 25 DLs/ha/weeding	DLS	100	800	403	3,22,400			
25% vacancy filling by 1 year old seedlings from nursery @ 28 DLs/ha	DLS	28	224	403	90,272			
Maintenance and protection by way of deploying of watch & ward for site nursery & plantation area (1 DL for 365 days)	DLS	1	365	403	1,47,095			
Contingency	LS				8,000			
Sub Total					5,67,767			5,67,767



3rd YEAR MAINTENANCE		Rs 443/DLs						
4 weedings, mulching and fire protection works @ 20 DLs/ha/ weeding	DLS	80	640	443	2,83,520			
15% Vacancy filling by 2 year old saplings from nursery @ 23 DLs/ha	DLS	23	184	443	81,512			
Maintenance and protection by way of deploying of watch & ward for site nursery & plantation area (1 DL for 365 days)	DLS	1	365	443	1,61,695			
Contingency	LS				8,000			
Sub Total					5,34,727			5,34,727
H	4th YEAR MAINTENANCE	Rs 487/DLs						
3 weedings, fire protection works @ 15 DLs/ha/weeding	DLS	45	360	487	1,75,320			
Maintenance and protection by way of deploying of watch & ward for site nursery & plantation area (1 DL for 365 days)	DLS	1	365	487	1,77,755			
Contingency	LS				8,000			
Sub Total					3,61,075			3,61,075
I	5th YEAR MAINTENANCE	Rs 536/DLs						
Climber cutting, 3 weedings & other silvicultural works and fire protection works @ 15 DLs/ha	DLS	45	360	536	1,92,960			
Maintenance and protection by way of deploying of watch & ward for site nursery & plantation area (1 DL for 365 days)	DLS	1	365	536	1,95,640			
Contingency	LS				8,000			
Sub Total					3,96,600			3,96,600

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Rs 590/DLs						
6th YEAR MAINTENANCE						
Repairing of Chainlink fencing	LS				25,000	
1st mechanical thinning of alternate single strips in the plantation: 1250 nos of stems/ha	DLS	62	496	590	2,92,640	
Climber cutting, Silvicultural works and fire protection works @ 10 DLs/ha	DLS	10	80	590	47,200	
Maintenance of camp hut, implements, upkeepment of plantation signboard, documentation & upkeepment of records etc.	LS				5,000	
Contingency	LS				9,000	
Sub Total					3,78,840	3,78,840
Rs 649/DLs						
K 7th YEAR MAINTENANCE						
Climber cutting, Silvicultural works and fire protection works @ 10 DLs/ha	DLS	10	80	649	51,920	
Maintenance of camp hut, implements, upkeepment of plantation signboard, documentation & upkeepment of records etc.	LS				5,000	
Contingency	LS				5,000	
Sub Total					61,920	61,920
Rs 714/DLs						
L 8th YEAR MAINTENANCE						
Climber cutting, Silvicultural works and fire protection works @ 10 DLs/ha	DLS	10	80	714	57,120	
Maintenance of camp hut, implements, upkeepment of plantation signboard, documentation & upkeepment of records etc.	LS				5,000	
Contingency	LS				5,000	
Sub Total					67,120	67,120
Rs 785/DLs						
M 9th YEAR MAINTENANCE						
Climber cutting, Silvicultural works and fire protection works @ 10 DLs/ha	DLS	10	80	785	62,800	
Maintenance of camp hut, implements, upkeepment of plantation signboard, documentation & upkeepment of records etc.	LS				5,000	
Contingency	LS				5,000	
Sub Total					72,800	72,800

10th YEAR MAINTENANCE		Rs 864/DLs						
Climber cutting, Silvicultural works and fire protection works @ 10 DLs/ha	DLS	10.00	80.00	864.00	69,120.00			
Maintenance of camp hut, implements, upkeepment of plantation signboard, documentation & upkeepment of records etc.	LS				5,000.00			
Contingency	LS				5,000.00			
Sub Total					79,120.00		79,120	
Total					62,72,059.00	3,96,391.69	28,577.70	66,97,028.39
Over Head Cost (50% of Compensatory Afforestation)								33,48,514.19
Grand Total								1,00,45,542.58
Grand Total Round off								1,00,45,543.00

Rupees One Crore Forty Five Thousand Five Hundred Forty Three Only

Technically Approved

Submitted


Chief Conservator of Forest
Northern Assam Circle, Tezpur


Chief Conservator of Forests
Northern Assam Circle, Tezpur


Divisional Forest officer
Sonitpur East Division
Biswanath Chariali



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Scheme for 9.9 ha C.A. Plantation in Gojpur under Biswanath District

Diversion of Forest land for Improvement and upgradation of Ghagarabasti to Hawajan (Mazgaon) Road under Asom Mala in the state of Assam

Area(ha)	9.9
Spacing (mxm)	2x2
Number of saplings/ha	2500
Length of Fench(RM)	1369
Wage Rate(Rs)	366
Increase in wage rate for subsequent years by a factor	1.1

SI No	Particulars of Works	Units	Qty./Ha	Total Qty.	Rate/Unit	Amount(Rs)	Applicable rate of GST/Cess etc		Total Amount (Rs)
							GST	Labour Cess	
A ERECTION OF FENCING									
	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 fitted on pre-dast 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 X RM @ Rs. 1616/RM as per estimate (detailed estimate enclosed)	RM	-	1,369	1,661	22,73,909			
	Sub Total					22,73,909	3,19,484.21	22,739.09	26,16,132.30
B INFRASTRUCTURE IN PLANTATION AREA									
	Construction of camp hut with installtion of ring well/tube well	Nos.		1	2,00,000	2,00,000			
	Cost of tools & implements	Set		1	10,000	10,000			
	Cost of RCC signboard & Gate including fitting and fixing of the same	Nos.		1	40,000	40,000			
	Sub Total					2,50,000	30,000	2,500	2,82,500

ADVANCE WORK (including site nursery)		Rs 366/DLs						
Raising of Nursery for creation including vacancy filling for 3 (three) years (25% + 15% + 10%) and site nursery mortality 15% by using polypots	Nos.	4,125	40,838	10	4,08,380			
Site selection, surveying, demarcation, jungle cutting, slash disposal etc. 40 DLs/ha.	DLS	40	396	366	1,44,936			
Sub Total					5,53,316			5,53,316
D CREATION		Rs 366/DLs						
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	495	366	1,81,170			
Sub Total					1,81,170			1,81,170
E 1st YEAR MAINTENANCE		Rs 366/DLs						
4 weeding, mulching and fire protection works @ 25 DLs/ha/ weeding	DLS	100	990	366	3,62,340			
Contingency	LS				8,000			
Sub Total					3,70,340			3,70,340
F 2nd YEAR MAINTENANCE		Rs 403/DLs						
4 weedings, mulching and fire protection works @ 25 DLs/ha/weeding	DLS	100	990	403	3,98,970			
25% vacancy filling by 1 year old seedlings from nursery @ 28 DLs/ha	DLS	28	277	403	1,11,631			
Maintenance and protection by way of deploying of watch & ward for site nursery & plantation area (1 DL for 365 days)	DLS	1	365	403	1,47,095			
Contingency	LS				8,000			
Sub Total					6,65,696			6,65,696

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3rd YEAR MAINTENANCE		Rs 443/DLs					
4 weedings, mulching and fire protection works @ 20 DLs/ha/ weeding	DLS	80	792	443	3,50,856		
15% Vacancy filling by 2 year old saplings from nursery @ 23 DLs/ha	DLS	23	228	443	1,01,004		
Maintenance and protection by way of deploying of watch & ward for site nursery & plantation area (1 DL for 365 days)	DLS	1	365	443	1,61,695		
Contingency	LS				8,000		
	Sub Total				6,21,555		6,21,555
H 4th YEAR MAINTENANCE		Rs 487/DLs					
3 weedings, fire protection works @ 15 DLs/ha/weeding	DLS	45	446	487	2,17,202		
Maintenance and protection by way of deploying of watch & ward for site nursery & plantation area (1 DL for 365 days)	DLS	1	365	487	1,77,755		
Contingency	LS				8,000		
	Sub Total				4,02,957		4,02,957
I 5th YEAR MAINTENANCE		Rs 536/DLs					
Climber cutting, 3 weedings & other silvicultural works and fire protection works @ 15 DLs/ha	DLS	45	446	536	2,39,056		
Maintenance and protection by way of deploying of watch & ward for site nursery & plantation area (1 DL for 365 days)	DLS	1	365	536	1,95,640		
Contingency	LS				8,000		
	Sub Total				4,42,696		4,42,696

6th YEAR MAINTENANCE		Rs 590/DLs					
Repairing of Chainlink fencing	LS				25,000		
1st mechanical thinning of alternate single strips in the plantation: 1250 nos of stems/ha	DLS	62	614	590	3,62,260		
Climber cutting, Silvicultural works and fire protection works @ 10 DLs/ha	DLS	10	99	590	58,410		
Maintenance of camp hut, implements, upkeepment of plantation signboard, documentation & upkeepment of records etc.	LS				5,000		
Contingency	LS				9,000		
Sub Total					4,59,670		4,59,670
K 7th YEAR MAINTENANCE	Rs 649/DLs						
Climber cutting, Silvicultural works and fire protection works @ 10 DLs/ha	DLS	10	99	649	64,251		
Maintenance of camp hut, implements, upkeepment of plantation signboard, documentation & upkeepment of records etc.	LS				5,000		
Contingency	LS				5,000		
Sub Total					74,251		74,251
L 8th YEAR MAINTENANCE	Rs 714/DLs						
Climber cutting, Silvicultural works and fire protection works @ 10 DLs/ha	DLS	10	99	714	70,686		
Maintenance of camp hut, implements, upkeepment of plantation signboard, documentation & upkeepment of records etc.	LS				5,000		
Contingency	LS				5,000		
Sub Total					80,686		80,686
M 9th YEAR MAINTENANCE	Rs 785/DLs						
Climber cutting, Silvicultural works and fire protection works @ 10 DLs/ha	DLS	10	99	785	77,715		
Maintenance of camp hut, implements, upkeepment of plantation signboard, documentation & upkeepment of records etc.	LS				5,000		
Contingency	LS				5,000		
Sub Total					87,715		87,715




10th YEAR MAINTENANCE		Rs 864/DLs						
Climber cutting, Silvicultural works and fire protection works @ 10 DLs/ha	DLS	10	99	864	85,536			
Maintenance of camp hut, implements, upkeepment of plantation signboard, documentation & upkeepment of records etc.	LS				5,000			
Contingency	LS				5,000			
Sub Total					95,536			95,536
Total					65,59,497	3,49,484.21	25,239.09	69,34,220.30
Over Head Cost (50% of Compensatory Afforestation)								34,67,110.15
Grand Total								1,04,01,330.46
Grand Total Round off								1,04,01,331.00
Rupees One Crore Four Lakh One Thousand Three Hundred Thirty One Only								

Technically Approved.

Submitted


Chief Conservator of Forest
Northern Assam Circle, Tezpur


Chief Conservator of Forest
Northern Assam Circle, Tezpur


Divisional Forest officer
Sonitpur East Division
Biswanath Chariali

Scheme for 6.312 ha C.A. Plantation in 2 No. Karibil Village under Biswanath District

Diversion of Forest land for Improvement and upgradation of Ghagarabasti to Hawajan (Mazgaon) Road under Asom Mala in the state of Assam

Area(ha)	6.312
Spacing (m xm)	2x2
Number of saplings/ha	2,500
Length of Fench(RM)	1,250
Wage Rate(Rs)	366
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		Total Amount (Rs)
							GST	Labour Cess	
A ERECTION OF FENCING									
	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 fitted on pre-dast 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 X RM @ Rs. 1616/RM as per estimate (detailed estimate enclosed)	RM	-	1,250	1,661	20,76,250			
	Sub Total					20,76,250	2,91,713.13	20,762.50	23,88,725.63
B INFRASTRUCTURE IN PLANTATION AREA									
	Construction of camp hut with installtion of ring well/tube well	Nos.		1	2,00,000	2,00,000			
	Cost of tools & implements	Set		1	10,000	10,000			
	Cost of RCC signboard & Gate including fitting and fixing of the same	Nos.		1	40,000	40,000			
	Sub Total					2,50,000	30,000	2,500	2,82,500

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ADVANCE WORK(including site nursery)		Rs 366/DLs					
Raising of Nursery for creation including vacancy filling for 3 (three) years (25% + 15% + 10%) and site nursery mortality 15% by using polypots	Nos.	4,125	26,037	10	2,60,370		
Site selection, surveying, demarcation, jungle cutting, slash disposal etc. 40 DLs/ha.	DLS	40	253	366	92,598		
Sub Total					3,52,968		3,52,968
D CREATION		Rs 366/DLs					
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	316	366	1,15,656		
Sub Total					1,15,656		1,15,656
E 1st YEAR MAINTENANCE		Rs 366/DLs					
4 weeding, mulching and fire protection works @ 25 DLs/ha/ weeding	DLS	100	631	366	2,30,946		
Contingency	LS				8,000		
Sub Total					2,38,946		2,38,946
F 2nd YEAR MAINTENANCE		Rs 403/DLs					
4 weedings, mulching and fire protection works @ 25 DLs/ha/weeding	DLS	100	631	403	2,54,293		
25% vacancy filling by 1 year old seedlings from nursery @ 28 DLs/ha	DLS	28	177	403	71,331		
Maintenance and protection by way of deploying of watch & ward for site nursery & plantation area (1 DL for 365 days)	DLS	1	365	403	1,47,095		
Contingency	LS				8,000		
Sub Total					4,80,719		4,80,719

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Rs 443/DLs						
3rd YEAR MAINTENANCE						
4 weedings, mulching and fire protection works @ 20 DLs/ha/ weeding	DLS	80	505	443	2,23,715	
15% Vacancy filling by 2 year old saplings from nursery @ 23 DLs/ha	DLS	23	145	443	64,235	
Maintenance and protection by way of deploying of watch & ward for site nursery & plantation area (1 DL for 365 days)	DLS	1	365	443	1,61,695	
Contingency	LS				8,000	
					4,57,645	4,57,645
	Sub Total					
Rs 487/DLs						
H 4th YEAR MAINTENANCE						
3 weedings, fire protection works @ 15 DLs/ha/weeding	DLS	45	284	487	1,38,308	
Maintenance and protection by way of deploying of watch & ward for site nursery & plantation area (1 DL for 365 days)	DLS	1	365	487	1,77,755	
Contingency	LS				8,000	
	Sub Total				3,24,063	3,24,063
Rs 536/DLs						
I 5th YEAR MAINTENANCE						
Climber cutting, 3 weedings & other silvicultural works and fire protection works @ 15 DLs/ha	DLS	45	284	536	1,52,224	
Maintenance and protection by way of deploying of watch & ward for site nursery & plantation area (1 DL for 365 days)	DLS	1	365	536	1,95,640	
Contingency	LS				8,000	
	Sub Total				3,55,864	3,55,864

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16th YEAR MAINTENANCE		Rs 590/DLs					
	Repairing of Chainlink fencing	LS				25,000	
	1st mechanical thinning of alternate single strips in the plantation: 1250 nos of stems/ha	DLS	62	391	590	2,30,690	
	Climber cutting, Silvicultural works and fire protection works @ 10 DLs/ha	DLS	10	63	590	37,170	
	Maintenance of camp hut, implements, upkeepment of plantation signboard, documentation & upkeepment of records etc.	LS				5,000	
	Contingency	LS				9,000	
Sub Total						3,06,860	3,06,860
K 7th YEAR MAINTENANCE		Rs 649/DLs					
	Climber cutting, Silvicultural works and fire protection works @ 10 DLs/ha	DLS	10	63	649	40,887	
	Maintenance of camp hut, implements, upkeepment of plantation signboard, documentation & upkeepment of records etc.	LS				5,000	
	Contingency	LS				5,000	
Sub Total						50,887	50,887
L 8th YEAR MAINTENANCE		Rs 714/DLs					
	Climber cutting, Silvicultural works and fire protection works @ 10 DLs/ha	DLS	10	63	714	44,982	
	Maintenance of camp hut, implements, upkeepment of plantation signboard, documentation & upkeepment of records etc.	LS				5,000	
	Contingency	LS				5,000	
Sub Total						54,982	54,982
M 9th YEAR MAINTENANCE		Rs 785/DLs					
	Climber cutting, Silvicultural works and fire protection works @ 10 DLs/ha	DLS	10	63	785	49,455	
	Maintenance of camp hut, implements, upkeepment of plantation signboard, documentation & upkeepment of records etc.	LS				5,000	
	Contingency	LS				5,000	
Sub Total						59,455	59,455



Rs 864/DLs						
10th YEAR MAINTENANCE						
Climber cutting, Silvicultural works and fire protection works @ 10 DLs/ha	DLS	10	63	864	54,432	
Maintenance of camp hut, implements, upkeepment of plantation signboard, documentation & upkeepment of records etc.	LS				5,000	
Contingency	LS				5,000	
Sub Total					64,432	64,432
Total					51,88,727	3,21,713.13
Over Head Cost (50% of Compensatory Afforestation)						23,262.50
Grand Total						55,33,702.63
Grand Total Round off						27,66,851.31
Rupees Eighty Three Lakh Five Hundred Fifty Four Only						

Technically Approved.

Chief Conservator of Forest
Northern Assam Circle, Tezpur
Chief Conservator of Forests
Northern Assam Circle, Tezpur

Submitted

Divisional Forest officer
Sonitpur East Division
Biswanath Chariali