# Scheme for 2.61 ha C.A. Plantation at Gang Dalani under Sonitpur East Division

# Diversion of 2.604 ha forest land for Construction of Holongi Airport

Area (ha) = 2.61
Spacing (m X m) = 2 X 2
Number of Saplings/ ha = 2500
Length of Fence (RM) = 775
Wage rate for the 1st year(Rs.) = 273
Increase in wage rate for subsequent years by a factor = 1.1
Appreciation of material costs by a factor = 1.1

	. Particulars of works	Units	Qty./ha	Total Qty.	Date / Unit	Amount (Rs.)	AI	Total Amount		
S.No.					Rate / Unit	Amount (KS.)	GST	Labour Cess	Contractor's Profit	I Otal Amount
A	ERECTION OF FENCING			@Rs.	273	DL				
	(a) Cost of full Chain-linked Goat Proof fencing (4' ht. with 10 Gauge, 3" dia link) with 3 strand barbed wire (one strand below the chain link and two stand above the chain link) to be fitted on Pre-cast RCC pillars of specific specification and size as per detailed specification attached at 2.5 m apart including transportation, fitting, fixing etc., of fencing materials to site for 1257 RM @ Rs. 1016 per RM as per estimate	RMs		775	1016	7,87,400				
	Sub-total					7,87,400	55,118	7,874		8,50,392
В	INFRASTRUCTURE IN PLANTATION AREA									
	Construction of camp hut (atleast one upto 25 ha & thereafter one per every 25 ha) as per estimate	nos.		1	1,50,000	1,50,000				
	Installation of ring/tube well (atleast one upto 10 ha & thereafter two per every 25 ha)	nos.		1	50,000	50,000				
	Irrigation facility with Diesel generator and hose pipes for watering the nursery and plantation (during dry spells)	nos.		1	50,000	50,000			mangar ya magain na aminana ya jinga di njayan ha kifiya wan ni maan na an baganna ki dayan hama k	
	Cost of tools & implements (One unit upto 25 ha & thereafter one unit per every 25 ha)	nos.		)	10,000	10,000				
	Cost of RCC signboard & Gate including fitting and fixing of the same (atleast one upto 25 ha & thereafter one per every 25 ha)	nos.		1	60,000	60,000				
	Camp accessories @ Rs. 10,000/ per camp	nos.		1	10,000	10,000		and the same of th		
	Construction of Inspection Path (calculated at 80% of the total perimeter length) = 1006 RM @ Rs. 50/- RM	RMs		620	50	31,000				
	sub total					3,61,000	25,270	3,610	)	3,89,880
C	ADVANCE WORK			@Rs.	273	J/DL	a mattacantantikaan ay managantanin di kantir			
	Site selection, surveying, demarcation, jungle cutting, burning etc. 20 DLs/ha	DLs	20	52,2	273	14,251				
	Preparation and acquisition of polypot saplings in the field nursery for planting 2500 Nos. Seedlings/ ha @ Rs.8/- per polypot	nos.	2500	6525	8	52,200				
	Preparation of polypot saplings in the field nursery for vacancy filling									
	a) 25% mortality expected during 1st year (to be planted in the field during the 2nd year) si.e., 625 Seedlings/ ha @ Rs.8/- per polypot	nos.	625	1631.25	8	13,050				
	b) 20% mortality expected during 2nd year (to be planted in the field during the 3rd year) ,i.e., 500 Seedlings/ ha @ Rs.8.5/- per polypot	nos.	500	1305	8.5	11,093				
	c) 15% mortality expected during 3rd year (to be planted in the field during the 4th year),i.e., 375 Seedlings/ ha @ Rs.9/- per polypot	nos.	375	978.75	9	8,809				
	d) 10% mortality expected during 4th year (to be planted in the field during the 5th year),i.e., 250 Seedlings/ ha @ Rs.9.5/- per polypot	nos.	250	652.5	9.5	6,199				
	Cost of Bamboo, making of stacking & transportation etc	nos.	625	1631.25	1	1,631	and the second s			
	Line alignment, carriage of stacking materials and fixing the stacking @ 5 DLs/ha	DLs	5	13.05	273	3,563	The same by the columns of the same of the			
C. C.	Sub total					1,10,795	13,295	1,108	11,07	9 1,36,27
D	CREATION & 1st YEAR MAINTENANCE		3.7	@Rs.	273	J/DL				

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							and the second s			
	oil working, carriage of stumps, polypot seedling and planting at the plantation site neluding, dibbling of seeds wherever necessary to complete raising of plantation with all	DLs	40	104	273	28,501				
	an arction (a) 40 DI s/ ha	DLs	90	235	273	64,128				Control Contro
	weedings, mulching and fire protection works @ 18 DLs/na/weeding lokeepment of plantation, and making of inspection path, repairing of fence etc. on day to	DLs	5	13	273	3,563				
	lay basis @ 5 DLs/ha Maintenance and protection of field nursery (1 DL for 365 days) and watch and ward for the	DLs		730	273	1,99,290				
	plantation area (1DL for 365 days).  Maintenance of camp huts, implements, ring/tube- well, upkeepment of plantation, signboard,	L.S.	gyprae skirossiska komprissiska			10,000				garantee and the second particles and the seco
	the same and of records and other must, work	and the second s				20,000				
	Supervision and Monitoring	L.S.		A Principal Control of the Control o		10,000				
	A wareness & Monitoring	L.S.				3,35,482	40,258	3,355	33,548	4,12,642
	Sub total	make distribution for the property of the contract of the cont		6.12	200	/DL				
	2nd YEAR MAINTENANCE			@ Rs.	and the stripping amplitude which the property of the stripping and the stripping of the st	58,725				
	5 weedings, fire protection works @ 15 DLs/ha/weeding	DLs	75	196	300	7,830				
	att 1 1 ald coodings from mursery(a) 1001.8/18	DLs	10	26	300	7,030				
	Upkeepment of plantation, and making of inspection path, repairing of fence etc. on day	DLs	5	13.05	300	3,915				
	day basis @ 5 DLs/ha Maintenance and protection of field nursery (1 DL for 365 days) and watch and ward for the	DLs		730	300	2,19,000				and the second s
	plantation area(1DL for 365 days).  Maintenance of camp hut, implements, ring/tube- well upkeepment of plantation, signboard, documentation, upkeepment of records and other miscellaneous work @ 10% over previous	L.S.				11,000				
	Vegt	L.S.	and the same of th			23,000				
	Supervision and Monitoring @ 15% over previous year	L.S.				10,000				1 10 1/6
	Continuency L S	L.D.				3,33,470	40,016	3,335	33,347	4,10,168
•	sub total			(a) Rs.	336	0/DL				
7	3rd YEAR MAINTENANCE	Way W	70	157	330	51,678				
	4 weedings fire protection works @15 DLs/ha/weeding	DLs	60	21	330	6,890				
	The control of the co	DLs	8	41				Country (As a province of the parties of the partie		
	Protection work, cattle watching, upkeepment of plantation, and making of hispection pant,	DLs	5	13.05	330	4,307	property years and a second			
	Maintenance and protection of field nursery (1 DL for 363 days) and water and ward for the			730	330	2,40,900				
	plantation area (IDL for 365 days).  Maintenance of camp hut, implements, ring/tube- well upkeepment of plantation, signboard, documentation, upkeepment of records and other miscellaneous work @ 10% over previous	L.S.				12,100				
	Vear	L.S.				26,450				
	Supervision and Monitoring @ 15% over previous year	L.S.		***		11,500			202	4,35,20
	Continuos av (a) 15 % over previous year	-			***************************************	3,53,825	42,459	3,538	35,382	4,00,60
	Sub total	Suo total				53/DL				
G	4th YEAR MAINTENANCE	TNL	60	@ Rs	363	56,846				
H.J.	4 weedings fire protection works @15 dls/ha/weeding	DLs	and the same of th	16	363	5,685				
	cut 1 . 2 areas ald coadlings from nursery(0) 6DLS/08	DLs	6	10	-					
	Upkeepment of plantation, and making of inspection path, repairing of tence etc. on day is		5	13.05	363	4,737				
	Maintenance and protection of field nursery (1 DL for 365 days) and watch and ward for the			730	363	2,64,990			*	
	Maintenance of camp hut, implements, ring/tube- well upkeepment of plantation, signboard documentation, upkeepment of records and other miscellaneous work @ 10% over previous	L.S.				13,310				
	documentation, upkeepment of records and other miscentaneous work (a) 1070 0101				AND	The state of the s				
	documentation, upkeepment of records and other miscentateous work @ 1070 0761 per year  Supervision and Monitoring @ 15% over previous year	L.S.				30,418 13,225				

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-		sub total		the control of the co			3,89,211	46,705	3,892	38,921	4,78,72
1	H	5th YEAR MAINTENANCE		-	@ Rs.	399/	DL	Control of the Contro			
		Climber cutting, weeding & other silvicultural works and fire protection works @ 15DLs/ha	DLs	15	150	399	59,850				
		10% Vacancy filling by 2 year old seedlings from nursery@ 4DLs/ha	DLs	4	10	399	4,166				ing principal property of the property of the principal
		Maintenance & fencing post replacement @ 3% initial cost of material			0.03	787400	23,622			milianje marit na vetavijenos ir nizori izalet nanislički istokanje na njenanjegove mili samje	and the second s
		Upkeepment of plantation, and making of inspection path, repairing of fence etc. on day to day basis @ 4 DLs/ha	DLs	4	10.44	399	4,166				
		Maintenance and protection of field nursery (1 DL for 365 days) and watch and ward for the plantation area(1DL for 365 days).	DLs		730	399	2,91,270	***			
		Maintenance of camp hut, implements, ring/tube- well upkeepment of plantation, signboard, documentation, upkeepment of records and other miscellaneous work @ 10% over previous year	L.S.				14,641				
		Supervision and Monitoring @ 15% over previous year	L.S.				34,980				
		Contingency @ 15 % over previous year	L.S.				15,209				
		sub total					4,47,903	53,748	4,479	44,790	5,50,921
	1	6th YEAR MAINTENANCE			@ Rs.	439/1	DL,				
		Climber cutting, other silvicultural works and fire protection works @15 DLs/ha	DLs	15	39	439	17,187				
		Upkeepment of plantation, and making of inspection path, repairing of fence etc. on day to day basis @ 4 DLs/ha	DLs	4	10.44	439	4,583				
		Watch and ward for the plantation area(IDL for 365 days).	DLs		365	439	1,60,235			disentent provinces and deal of the activity of the set of the state of the set of the s	
	1	Maintenance of camp but, implements, ring/tube- well upkeepment of plantation, signboard, documentation, upkeepment of records and other miscellaneous work @ 10% over previous year	L.S.				16,105				
		Supervision and Monitoring @ 15% over previous year	L.S.				40.227				
	(	Contingency @ 15 % over previous year	L.S.		A		17,490	ting also interior activities that four properties	The second section of the body problems are the problems of the second section of the section of the second section of the section of the second section of the section of		
		sub total					2,55,827	30,699	2,558	25,583	3,14,66
4 4		7th YEAR MAINTENANCE			@ Rs.	483 /1	)L				
	(	Climber cutting, other silvicultural works and fire protection works @ 12 DLs/ha	DLs	12	31	483	15,128			4	
	1	Protection work, cattle watching, upkeepment of plantation, and making of inspection path, repairing of fence etc. on day to day basis @ 5 DLs / ha	DLs	5	13.05	483	6,303				
	3	Maintenance of camp hut, implements, ring/tube- well upkeepment of plantation, signboard, documentation, upkeepment of records and other miscellaneous work @ 10% over previous year	L.S.				17,716				
		Supervision and Monitoring @ 15% over previous year	L.S.				46,261		The second secon		
	(	Contingency @ 15 % over previous year	L.S.				20,114			The second section is the second section of the second second second section is the second se	
		sub total					1,05,521	12,663	1,055	10,552	1,29,79
ŀ	2	th YEAR MAINTENANCE			@ Rs.	531/I	)L				
		Climber cutting, other silvicultural works and fire protection works @ 8 DLs/ha	DLs	8	21	531	11,087				
	T	Protection work, cattle watching, upkeepment of plantation, and making of inspection path, epairing of fence etc. on day to day basis @ 5 DLs / ha	DLs	5	13.05	531	6,930				
	3	Maintenance of camp hut, implements, ring/tube- well upkeepment of plantation, signboard, locumentation, upkeepment of records and other miscellaneous work @ 10% over previous year	L.S.				19,487				
	S	Supervision and Monitoring @ 15% over previous year	L.S.				53,200	***			
	0	Contingency @ 15 % over previous year	L.S.				23,131				e estretien francese, e en manament est estand
		sub total		THE STATE OF THE STATE OF THE STATE OF			1,13,835	13,660	1,138	11,383	1,40,017
1	- Poor	th YEAR MAINTENANCE			@ Rs.	584/I	representative proprieta de la constitución de la c				3,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	(	Climber cutting, other silvicultural works and fire protection works @ 7 DLs/ha	DLs	7	18	584	10,670		an describerant sector species de considerat en esta de compare sector sector sector se en considerat en estador en e		
	F	Protection work, cattle watching, upkeepment of plantation, and making of inspection path, epairing of fence etc. on day to day basis @ 5 DLs / ha	DLs	5	13.05	584	7,621			are and the second seco	

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Maintenance of camp hut, implements, ring/tube- well upkeepment of plantation, signboard, documentation, upkeepment of records and other miscellaneous work @ 10% over previous year					21,436			***************************************	
Supervision and Monitoring @ 15% over previous year	L.S.				61,180				
Contingency @ 15 % over previous year	L.S.				26,600				
sub total					1,27,507	15,301	1,275	12,751	1,56,834
10" YEAR MAINTENANCE			@ Rs.	642/1	)L				
Climber cutting, other silvicultural works, fire protection works @ 6 DLs/ha	DLs	6	16	642	10,054				
Protection work, cattle watching, upkeepment of plantation, and making of inspection path, repairing of fence etc. on day to day basis @ 4 DLs /ha	DLs	4	10.44	642	6,702				
Maintenance of camp hut, implements, ring/tube- well upkeepment of plantation, signboard, documentation, upkeepment of records and other miscellaneous work @ 10% over previous year			-		23,579				
Supervision and Monitoring @ 15% over previous year	L.S.				70,358				
Contingency @ 15 % over previous year	L.S.				30,590				
sub total					1,41,284	16,954	1,413	14,128	1,73,779
Total =			The Prince of the Control of the Con					and a state of graphs of the control of the control of the position of the control of the contro	45,79,301
Over head cost @ 50% of Total CA Cost =									22,89,651
Grand Total =			***				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		68,68,952

#### IN WORDS

## (RUPEES SIXTY EIGHT LAKHS SIXTY EIGHT THOUSAND NINE HUNDRED AND FIFTY TWO ONLY)

## NOTE:

Cost escalation of 10 % annually has been considered for wages

, The norms should be revised annually based on wage rate & cost of materials

\*Pre-cast RCC pillar with 5"x5" cross-section- of 6 ft height (1.5 ft below ground & 4.5 ft above ground) with readymade concrete base of 1 ft width for fixing.

Conservator sonsis

Northern Assam Circle, Tezpur

Divisional Forest Officer Sonitpur East Division Biswanath Chariali