

# NORMS FOR ARTIFICIAL REGENERATION (AR) PLANTATION FOR SECTION-2

Area (ha)		7.92 ha	2 times	15.84 ha			Sildhampur RF		15.84		
No. of sapling per hactre				2500 nos			Total area of RF		15.84		
Length of Fencing (RM)				2122 mtrs							
Wages rate				₹ 320.00							
Sl. No.	Particulars of works	Units	Qty/Ha	Total Qty	Rate/unit	Amount (Rs)	Applicable rate of GST / Cess etc.		Total		
							GSI	Labour Cess			
A.	ERECTION OF FENCING										
	a). Cost of full chain link fencing (4' ht with 10 guage 3" dia link) with 3 strand barbed wire (one stand 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 x0.125m) as per details specification attached at 2.5 m apart, including transportation, fitting and fixing for 2500 RM Rs 1706/RM as per estimate (detaled estimate enclosed).	RM's		2122 mtrs	₹ 1,706.00	₹ 36,20,132.00					
	Sub Total					₹ 36,20,132.00				₹ 36,20,132.00	
B.	INFRASTRUCTURE IN PLANTATION AREA										
	Construction of camp hut with installation of ring well / tube well	Nos		1	₹ 2,25,000.00	₹ 2,25,000.00					
	Cost of tools & implemnts	Set		1	₹ 10,000.00	₹ 10,000.00					
	Cost of RCC signboard & gate including fitting and fixing of the same	Nos		1	₹ 40,000.00	₹ 40,000.00					
	Camp accessories @ Rs 10000/- per camp	Nos		1	₹ 10,000.00	₹ 10,000.00					
	Sub Total					₹ 2,85,000.00	12%	1%		₹ 3,22,050.00	
C.	ADVANCE WORK										
	Raising of Nursery for creation including vacany filling for 3 (three) years (25% + 15% + 10%) and site nursery mortality 15% by using polypots	Nos	4125	65340	₹ 10.00	₹ 6,53,400.00					
	Site selection surveying, demarcation, jungle cutting, burning etc. DLs/ha	DLs	40 nos	633.6	₹ 320.00	₹ 2,02,752.00					
	Sub Total					₹ 8,56,152.00				₹ 8,56,152.00	
D.	CREATION										
	Soil working, carriage of stamps, polypot seedling and planting of the plantation site including, dibbling of seeds whenever necessary to complete raising of plantation with all necessary opertion @ 50 DLs/ha	DLs	50	792	₹ 320.00	₹ 2,53,440.00					
	Sub Total					₹ 2,53,440.00				₹ 2,53,440.00	

Divisional Forest Officer  
Karbi Anglong East Division  
Diphu

Assistant Conservator of Forests  
I/c Western Range, Dokmoka  
K.A. East Division, Diphu




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Sl. No.	Particulars of works	Units	Qty/Ha	Total Qty	Rate/unit	Amount (Rs)	Applicable rate of GST / Cess etc.		Total
							GST	Labour Cess	
E.	<b>1st YEAR MAINTAINANCE</b>								
	4 Weeding, mulching and fire protection works @ 25 DLs/ha/weeding	DLs	100	1584	₹ 320.00	₹ 5,06,880.00			
	Maintainance and protection by way of deploying of watch & ward for site nursery & plantation area (2 DL for 365 days)	DLS	2	730	₹ 320.00	₹ 2,33,600.00			
	Contingency	LS				₹ 10,000.00			
	<b>Sub Total</b>					₹ 7,50,480.00			₹ 7,50,480.00
F.	<b>2nd YEAR MAINTAINANCE</b>								
	4 Weeding, mulching and fire protection works @ 25 DLs/ha/weeding	DLs	100	1584	₹ 320.00	₹ 5,06,880.00			
	25% vacancy filling by 1 year old seedlings from nursery @ 28 DLs/ha	DLs	28	443.52	₹ 320.00	₹ 1,41,926.40			
	Maintenance and protection by way of deploying of watch & ward for site nursery & plantation area (2 DL for 365 days)	DLS	2	730	₹ 320.00	₹ 2,33,600.00			
	Maintainance of camp hut, impliments, upkeepment of plantation signboard, documentation, upkeepment of records and other misc works	LS				₹ 10,000.00			
	Contingency	LS				₹ 10,000.00			
	<b>Sub Total</b>					₹ 9,02,406.40			₹ 9,02,406.40
G.	<b>3rd YEAR MAINTAINANCE</b>								
	4 Weeding, mulching and fire protection works @ 20 DLs/ha/weeding	DLs	80	1267.2	₹ 320.00	₹ 4,05,504.00			
	15% Vacancy filling by 3 years old seeding from nursery @ 23 DLs/ha	DLs	23	364.32	₹ 320.00	₹ 1,16,582.40			
	Maintenance and protection by way of deploying of watch & ward for site nursery & plantation area (2 DL for 365 days)	DLS	2	730	₹ 320.00	₹ 2,33,600.00			
	Maintainance of camp hut, impliments, upkeepment of plantation signboard, documentation, upkeepment of records and other misc works	LS				₹ 5,000.00			
	Contingency	LS				₹ 10,000.00			
	<b>Sub Total</b>					₹ 7,70,686.40			₹ 7,70,686.40
H.	<b>4th YEAR MAINTAINANCE</b>								
	3 Weeding, mulching and fire protection works @ 15 DLs/ha/weeding	DLs	45	712.8	₹ 320.00	₹ 2,28,096.00			
	10% Vacancy filling by 3 years old seeding from nursery @ 20 DLs/ha	DLs	20	316.8	₹ 320.00	₹ 1,01,376.00			
	Maintenance and protection by way of deploying of watch & ward for site nursery & plantation area (1 DL for 365 days)	DLS	1	365	₹ 320.00	₹ 1,16,800.00			



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Sl. No.	Particulars of works	Units	Qty/Ha	Total Qty	Rate/unit	Amount (Rs)	Applicable rate of GST / Cess etc.		Total
							GST	Labour Cess	
	Maintainance of camp hut, impliments, upkeepment of plantation signboard, documentation, upkeepment of records and other misc works	LS				₹ 5,000.00			
	Contingency	LS				₹ 10,000.00			
	<b>Sub Total</b>					₹ 4,61,272.00			₹ 4,61,272.00
I.	<b>5th YEAR MAINTAINANCE</b>								
	Climber cutting, 3 weldings & other silvicultural works and fire protection works @15 DLs/ ha/ weeding	DLs	45	712.8	₹ 320.00	₹ 2,28,096.00			
	Maintenance and protection by way of deploying of watch and ward for site nursery & plantation area (1 DL for 365 days)	DLs	1	365	₹ 320.00	₹ 1,16,800.00			
	Maintainance of camp hut, impliments, upkeepment of plantation signboard, documentation, upkeepment of records and other misc works	LS				₹ 5,000.00			
	Contingency	LS				₹ 10,000.00			
	<b>Sub Total</b>					₹ 3,59,896.00			₹ 3,59,896.00
J.	<b>6th YEAR MAINTAINANCE</b>								
	Repairing of Chain link fencing	LS				₹ 25,000.00			
	1st mechanical thinning of alternate single strips in the plantation; 1250 nos of stems/ha	DLs	62	982.08	₹ 320.00	₹ 3,14,265.60			
	Climber, Silvicultural works and fire protection works @ 10 DLs/ha	DLs	10	158.4	₹ 320.00	₹ 50,688.00			
	Maintainance of camp hut, Impliments, upkeepment of plantation signboard, documentation, upkeepment of records and other misc works	LS				₹ 5,000.00			
	Contingency	LS				₹ 5,000.00			
	<b>Sub Total</b>					₹ 3,99,953.60			₹ 3,99,953.60
K.	<b>7th YEAR MAINTAINANCE</b>								
	Climber, Silvicultural works and fire protection works @ 10 DLs/ha	DLs	10	158.4	₹ 320.00	₹ 50,688.00			
	Maintainance of camp hut, Impliments, upkeepment of plantation signboard, documentation, upkeepment of records and other misc works	LS				₹ 5,000.00			
	Contingency	LS				₹ 5,000.00			
	<b>Sub Total</b>					₹ 60,688.00			₹ 60,688.00

  
 Divisional Forest Officer  
 Karbi Anglong East Division  
 Diphu

  
 Assistant Conservator of Forests  
 Wc Western Range, Dokmoka  
 K.A. East Division, Diphu




# NORMS FOR ARTIFICIAL REGENERATION (AR) PLANTATION FOR SECTION-2

Sl. No.	Particulars of works	Units	Qty/Ha	Total Qty	Rate/unit	Amount (Rs)	Applicable rate of GST / Cess etc.		Total
							GST	Labour Cess	
L	<b>8th YEAR MAINTAINANCE</b>								
	Climber, Silvicultural works and fire protection works @ 10 DLs/ha	DLs	10	158.4	₹ 320.00	₹ 50,688.00			
	Maintainance of camp hut, impliments, upkeepment of plantation signboard, documentation, upkeepment of records and other misc works	LS				₹ 5,000.00			
	Contingency	LS				₹ 5,000.00			
	<b>Sub Total</b>					₹ 60,688.00			₹ 60,688.00
L	<b>9th YEAR MAINTAINANCE</b>								
	Climber, Silvicultural works and fire protection works @ 10 DLs/ha	DLs	10	158.4	₹ 320.00	₹ 50,688.00			
	Maintainance of camp hut, impliments, upkeepment of plantation signboard, documentation, upkeepment of records and other misc works	LS				₹ 5,000.00			
	Contingency	LS				₹ 5,000.00			
	<b>Sub Total</b>					₹ 60,688.00			₹ 60,688.00
L	<b>10th YEAR MAINTAINANCE</b>								
	Climber, Silvicultural works and fire protection works @ 10 DLs/ha	DLs	10	158.4	₹ 320.00	₹ 50,688.00			
	Maintainance of camp hut, impliments, upkeepment of plantation signboard, documentation, upkeepment of records and other misc works	LS				₹ 5,000.00			
	Contingency	LS				₹ 5,000.00			
	<b>Sub Total</b>					₹ 60,688.00			₹ 60,688.00
	<b>Grand Total</b>								₹ 89,39,220.40

(Rupees Eighty Nine lakhs, Thirty Nine thousands, Two hundreds Twenty and Forty Paise only)

  
 Divisional Forest Officer  
 Karbi Anglong East Division  
 Diphu

  
 Assistant Conservator of Forests  
 I/c Western Range, Dokmoka  
 K.A. East Division, Diphu

# **NORMS FOR SITE SPECIFIC PLANTATION (UNDER SECTION-5, FROM PATRADISA TO HAWARKIMI)**

	Area (ha)	6.64 ha	2 times	13.28 ha		Patradisa DCRF	1.38 ha		
	No. of sapling per hactre			2500 nos		Longnit DCRF	11.90 ha		
	Length of Fencing (RM)			1487 mtrs		Total area of DCRF	13.28 ha		
	Wages rate			₹ 320.00					
Sl. No.	Particulars of works	Units	Qty/Ha	Total Qty	Rate/unit	Amount (Rs)	12% GST	1% Labourcess	Total
A.	<b>ERECTION OF FENCING</b>								
	a). Cost of full chain link fencing (4' ht with 10 guage 3" dia link) with 3 strand barbed wire (one stand 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 details specification attached at 2.5 m apart, including transportation, fitting and fixing for 2500 RM Rs 1706/RM as per estimate (detaled estimate enclosed).	RMs		1487 mtrs	₹ 1,706.00	₹ 25,36,822.00			
	<b>Sub Total</b>					₹ 25,36,822.00			₹ 25,36,822.00
B.	<b>INFRASTRUCTURE IN PLANTATION AREA</b>								
	Construction of camp hut with installation of ring well / tube well	Nos		1	₹ 2,25,000.00	₹ 2,25,000.00			
	Cost of tools & implements	Set		1	₹ 10,000.00	₹ 10,000.00			
	Cost of RCC signboard & gate including fitting and fixing of the same	Nos		1	₹ 40,000.00	₹ 40,000.00			
	Camp accessories @ Rs 10000/- per camp	Nos		1	₹ 10,000.00	₹ 10,000.00			
	<b>Sub Total</b>					₹ 2,85,000.00	₹ 34,200.00	₹ 2,850.00	₹ 3,22,050.00
C.	<b>ADVANCE WORK</b>								
	Raising of Nursery for creation including vacany filling for 3 (three) years (25% + 15% + 10%) and site nursery mortality 15% by using polypots	Nos	4125	54780	₹ 10.00	₹ 5,47,800.00			
	Site selection surveying, demarcation, jungle cutting, burning etc. DLs/ha	DLs	40 nos	531.2	₹ 320.00	₹ 1,69,984.00			
	<b>Sub Total</b>					₹ 7,17,784.00			₹ 7,17,784.00
D.	<b>CREATION</b>								
	Soil working, carriage of stamps, polypot seedling and planting of the plantation site including, dibbling of seeds whenever necessary to complete raising of plantation with all necessary opertion @ 50 DLs/ha	DLs	50	664	₹ 320.00	₹ 2,12,480.00			
	<b>Sub Total</b>					₹ 2,12,480.00			₹ 2,12,480.00

**Divisional Forest Officer**  
**Karbi Anglong East Division**  
**Diphu**

**Beat Officer**  
**Longnit Account Beat**  
**Central Range, KAs, KAAC**



# NORMS FOR SITE SPECIFIC PLANTATION (UNDER SECTION-5, FROM PATRADISA TO HAWARKIMI)

Sl. No.	Particulars of works	Units	Qty/Ha	Total Qty	Rate/unit	Amount (Rs)	12% GST	1% Labourcess	Total
E.	<b>1st YEAR MAINTAINANCE</b>								
	4 Weeding, mulching and fire protection works @ 25 DLs/ha/weeding	DLs	100	1328	₹ 320.00	₹ 4,24,960.00			
	Maintainance and protection by way of deploying of watch & ward for site nursery & plantation area (2 DL for 365 days)	DLS	2	730	₹ 320.00	₹ 2,33,600.00			
	Contingency	LS				₹ 10,000.00			
	<b>Sub Total</b>					<b>₹ 6,68,560.00</b>			<b>₹ 6,68,560.00</b>
F.	<b>2nd YEAR MAINTAINANCE</b>								
	4 Weeding, mulching and fire protection works @ 25 DLs/ha/weeding	DLs	100	1328	₹ 320.00	₹ 4,24,960.00			
	25% vacancy filling by 1 year old seedlings from nursery @ 28 DLs/ha	DLs	28	371.84	₹ 320.00	₹ 1,18,988.80			
	Maintenance and protection by way of deploying of watch & ward for site nursery & plantation area (2 DL for 365 days)	DLs	2	730	₹ 320.00	₹ 2,33,600.00			
	Maintainance of camp hut, impliments, upkeepment of plantation signboard, documentation, upkeepment of records and other misc works	LS				₹ 10,000.00			
	Contingency	LS				₹ 10,000.00			
	<b>Sub Total</b>					<b>₹ 7,97,548.80</b>			<b>₹ 7,97,548.80</b>
G.	<b>3rd YEAR MAINTAINANCE</b>								
	4 Weeding, mulching and fire protection works @ 20 DLs/ha/weeding	DLs	80	1062.4	₹ 320.00	₹ 3,39,968.00			
	15% Vacancy filling by 3 years old seeding from nursery @ 23 DLs/ha	DLs	23	305.44	₹ 320.00	₹ 97,740.80			
	Maintenance and protection by way of deploying of watch & ward for site nursery & plantation area (2 DL for 365 days)	DLs	2	730	₹ 320.00	₹ 2,33,600.00			
	Maintainance of camp hut, impliments, upkeepment of plantation signboard, documentation, upkeepment of records and other misc works	LS				₹ 5,000.00			
	Contingency	LS				₹ 10,000.00			
	<b>Sub Total</b>					<b>₹ 6,86,308.80</b>			<b>₹ 6,86,308.80</b>
H.	<b>4th YEAR MAINTAINANCE</b>								
	3 Weeding, mulching and fire protection works @ 15 DLs/ha/weeding	DLs	45	597.6	₹ 320.00	₹ 1,91,232.00			
	10% Vacancy filling by 3 years old seeding from nursery @ 20 DLs/ha	DLs	20	265.6	₹ 320.00	₹ 84,992.00			
	Maintenance and protection by way of deploying of watch & ward for site nursery & plantation area (1 DL for 365 days)	DLs	1	365	₹ 320.00	₹ 1,16,800.00			

  
 Divisional Forest Officer  
 Karbi Anglong East Division  
 Diphu

# NORMS FOR SITE SPECIFIC PLANTATION (UNDER SECTION-5, FROM PATRADISA TO HAWARKIMI)

Sl. No.	Particulars of works	Units	Qty/Ha	Total Qty	Rate/unit	Amount (Rs)	12% GST	1% Labourcess	Total
	Maintainance of camp hut, impliments, upkeepment of plantation signboard, documentation, upkeepment of records and other misc works	LS				₹ 5,000.00			
	Contingency	LS				₹ 10,000.00			
	<b>Sub Total</b>					<b>₹ 4,08,024.00</b>			<b>₹ 4,08,024.00</b>
I.	<b>5th YEAR MAINTAINANCE</b>								
	Climber cutting, 3 weldings & other silvicultural works and fire protection works @15 DLs/ ha/ weeding	DLs	45	597.6	₹ 320.00	₹ 1,91,232.00			
	Maintenance and protection by way of deploying of watch and ward for site nursery & plantation area (1 DL for 365 days)	DLs	1	365	₹ 320.00	₹ 1,16,800.00			
	Maintainance of camp hut, impliments, upkeepment of plantation signboard, documentation, upkeepment of records and other misc works	LS				₹ 5,000.00			
	Contingency	LS				₹ 10,000.00			
	<b>Sub Total</b>					<b>₹ 3,23,032.00</b>			<b>₹ 3,23,032.00</b>
J.	<b>6th YEAR MAINTAINANCE</b>								
	Repairing of Chain link fencing	LS				₹ 25,000.00			
	1st mechanical thinning of alternate single strips in the plantation; 1250 nos of stems/ha	DLs	62	823.36	₹ 320.00	₹ 2,63,475.20			
	Climber, Silvicultural works and fire protection works @ 10 DLs/ha	DLs	10	132.8	₹ 320.00	₹ 42,496.00			
	Maintainance of camp hut, impliments, upkeepment of plantation signboard, documentation, upkeepment of records and other misc works	LS				₹ 5,000.00			
	Contingency	LS				₹ 5,000.00			
	<b>Sub Total</b>					<b>₹ 3,40,971.20</b>			<b>₹ 3,40,971.20</b>
K.	<b>7th YEAR MAINTAINANCE</b>								
	Climber, Silvicultural works and fire protection works @ 10 DLs/ha	DLs	10	132.8	₹ 320.00	₹ 42,496.00			
	Maintainance of camp hut, impliments, upkeepment of plantation signboard, documentation, upkeepment of records and other misc works	LS				₹ 5,000.00			
	Contingency	LS				₹ 5,000.00			
	<b>Sub Total</b>					<b>₹ 52,496.00</b>			<b>₹ 52,496.00</b>

  
**Divisional Forest Officer**  
**Karbi Anglong East Division**  
**Biphu**



# NORMS FOR SITE SPECIFIC PLANTATION (UNDER SECTION-5, FROM PATRADISA TO HAWARKIMI)

Sl. No.	Particulars of works	Units	Qty/Ha	Total Qty	Rate/unit	Amount (Rs)	12% GST	1% Labourcess	Total
L	<b>8th YEAR MAINTAINANCE</b>								
	Climber, Silvicultural works and fire protection works @ 10 DLs/ha	DLs	10	132.8	₹ 320.00	₹ 42,496.00			
	Maintainance of camp hut, impliments, upkeepment of plantation signboard, documentation, upkeepment of records and other misc works	LS				₹ 5,000.00			
	Contingency	LS				₹ 5,000.00			
	<b>Sub Total</b>					<b>₹ 52,496.00</b>			<b>₹ 52,496.00</b>
L	<b>9th YEAR MAINTAINANCE</b>								
	Climber, Silvicultural works and fire protection works @ 10 DLs/ha	DLs	10	132.8	₹ 320.00	₹ 42,496.00			
	Maintainance of camp hut, impliments, upkeepment of plantation signboard, documentation, upkeepment of records and other misc works	LS				₹ 5,000.00			
	Contingency	LS				₹ 5,000.00			
	<b>Sub Total</b>					<b>₹ 52,496.00</b>			<b>₹ 52,496.00</b>
L	<b>10th YEAR MAINTAINANCE</b>								
	Climber, Silvicultural works and fire protection works @ 10 DLs/ha	DLs	10	132.8	₹ 320.00	₹ 42,496.00			
	Maintainance of camp hut, impliments, upkeepment of plantation signboard, documentation, upkeepment of records and other misc works	LS				₹ 5,000.00			
	Contingency	LS				₹ 5,000.00			
	<b>Sub Total</b>					<b>₹ 52,496.00</b>			<b>₹ 52,496.00</b>
	<b>Grand Total</b>								<b>₹ 72,23,564.80</b>

(Rupees Seventy Two lakhs, Twenty Three Thousands, Five Hundreds Sixty Four and Eighty Paise only)

Divisional Forest Officer  
Karbi Anglong East Division  
Diphu

Beet Officer  
Longmit Account Beet  
Central Range, KAE, KAAC