

Plan for Creation of Compensatory afforestation in 61.98 Ha area against Improvement Up-gradation of Pakke Kessane-
 Khongliosa road 62.00 Km (30.00 Km new cutting and 32.00 Km improvement, Total 62.00Km) in Amartala Reserve
 Forest in Amartala Range Under Khellong Forest Division in Arunachal Pradesh.

Total Diversion area = 30.99Ha
 District: East Kameng

Total Area of CA: 61.98 Ha
 Total Perimeter: 20892 RMT
 Wage Rate for Area-I: Rs. 267.00

Sl. No.	Particulars	Per Ha.	Area in Ha.	Qty	Rate	Unit	Amount (in Rs.)	Remarks
1	Survey demarcation and preparation of map of the area	4	61.98	247.92	267	DLS	66194.64	As per revised wage rate
	DLS					12332.06		
	Nos					1227204.00		
	Add paid Holiday@18.63%						do	
2	Cost of Poly seeding (advance work)	1100	61.98	68178.00	18		2707348.38	As per revised wage rate
3	Erection of barbed wire fencing 85kg per 100RMT (5 strand)		61.98	209.00	12953.82	RMT		
	Maint. Of barbed wire fencing @5% of erection cost from 3rd year to 6th year add 10% escalation value by multiplying factor 1:2 for 3rd year.		61.98	141923.00	1.2		170307.60	
	1:3 for 4th year		61.98	141923.00	1.3		184499.90	
	1:4 for 5th year		61.98	141923.00	1.4		198692.20	
	1:5 for 6th year		61.98	141923.00	1.5		212884.50	
4	Raising of seeding for causality replacement						183546.00	
	i) 3rd year 15%	1100	61.98	10197	18		122364.00	
	ii) 4th year 10%	1100	61.98	6798	18			
5	i) Clearance of brush wood, planting lines and stacking	15	61.98	927	267		247509.00	As per revised wage rate
	ii) Alignment of pit and preparation of stakes and staking	10	61.98	618	267		165006.00	
	iii) Digging of pits 30cmx30cmx30cm	25	61.98	1545	267		412515.00	
	iv) Transportation of seedling i/c planting	30	61.98	1854	267		495018.00	
	v) Making of inspection Path 1mtr wide	3	61.98	185	267		49395.00	
	vi) Fire line cutting 3mtr wide along the periphery	5	61.98	309	267		82503.00	
	vii) Tending (4 weeding)	48	61.98	2966	267		791922.00	
	viii) Add paid holiday@18.83% on Item.No.5(i) to 5(vii)		61.98			267	418032.61	
	Add 10% escalation value on total of Item.No.5(i) to 5(viii)						266190.06	
	6	3rd year operation	36	61.98	2225	267		
i) Tending 3 weeding		7	61.98	433	267		115611.00	
ii) Casualty replacement 15%		1	61.98	61.8	267		16500.60	
iii) Maint of I/Path		1	61.98	61.8	267		16500.60	
iv) Maint. Of Fire line							138362.63	
v) Add paid holiday@18.83% on Item.No.6(i) to 6(iv)							176209.97	
vi) Add 20% escalation value on total of Item.No.6(i) to 5(v)								
7	4rd year operation	24	61.98	1483	267		395961.00	As per revised wage rate
	i) Tending 2 weeding	7	61.98	433	267		115611.00	
	ii) Casualty replacement 10%	1	61.98	61.8	267		16500.60	
	iii) Maint of I/Path	1	61.98	61.8	267		16500.60	
	iv) Maint. Of Fire line						101453.99	
	v) Add paid holiday@18.83% on Item.No.7(i) to 7(iv)						193808.16	
8	5rd year operation							As per revised
	i) Tending 1 weeding	12	61.98	742	267		198114.00	

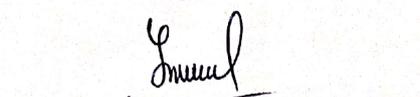
	ii) Maint. of I/Path	1	61.98	61.8	267		16500.60	wage rate
	iii) Maint. Of Fire line	1	61.98	61.8	267		16500.60	
	iv) Add paid holiday@18.83% on Item.No.8(i) to 8(iii)						43056.76	As per revised wage rate
	v) Add 40% escalation value on total of Item.No.8(i) to 8(iv)						109668.78	
9	6rd year operation							
	i) Tending 1 weeding	12	61.98	742	267		198114.00	
	ii) Maint of I/Path	1	61.98	61.8	267		16500.60	As per revised wage rate
	iii) Maint. Of Fire line	1	61.98	61.8	267		16500.60	
	iv) Add paid holiday@18.83% on Item.No.9(i) to 9(iii)						43056.76	
	v) Add 50% escalation value on total of Item.No.9(i) to 9(iv)						137085.98	
10	7rd year operation							
	i) Maint of Inspection Path/Maint.of Fireline & climber cutting.	5	61.98	309	267		82503.00	As per revised wage rate
	ii) Add paid holiday@18.83% on Item.No.10(i)						15370.31	
	iii) Add 60% escalation value on total of Item.No.10(i) to 10(iv)		61.98		267		58723.99	
11	8rd year operation							
	i) Maint of Inspection Path/Maint.of Fireline & climber cutting.	5	61.98	309	267		82503.00	As per revised wage rate
	ii) Add paid holiday@18.83% on Item.No.11(i)						15370.31	
	iii) Add 70% escalation value on total of Item.No.11(i)						68511.32	
12	9rd year operation							
	i) Maint of Inspection Path/Maint.of Fireline & climber cutting.	12	61.98	309	267		82503.00	As per revised wage rate
	ii) Add paid holiday@18.83% on Item.No.12(i)						15370.31	
	iii) Add 80% escalation value on total of Item.No.12(i)						78298.65	
13	10rd year operation							
	i) Maint of Inspection Path/Maint.of Fireline & climber cutting.	5	61.98	309	267		82503.00	As per revised wage rate
	ii) Add paid holiday@18.83% on Item.No.13(i)						15370.31	
	iii) Add 90% escalation value on total of Item.No.13(i)						88085.98	
14	Wage for Plantation watcher i.e unskilled labour round the year for 10 years (One watchman for every 25Ha of area subjected to a minum area of 15Ha) @8000/pm for area. Add escalation value by multiplying factor 1st year-			3	96000		288000.00	
	2nd year-(M.F=1.1)				1.1		316800.00	As per revised wage rate
	3rd year-(M.F=1.2)				1.2		345600.00	
	4nd year-(M.F=1.3)				1.3		374400.00	
	5nd year-(M.F=1.4)				1.4		403200.00	
	6nd year-(M.F=1.5)				1.5		432000.00	
	7nd year-(M.F=1.6)				1.6		460800.00	
	8nd year-(M.F=1.7)				1.7		489600.00	
	9nd year-(M.F=1.8)				1.8		518400.00	
	10nd year-(M.F=1.9)				1.9		547200.00	
							15566770.94	"A"
15	Monitoring and Supervision(POL, Maint of vehicle, Supervision i/c TE etc)@ 10% on "A" or item No.(1 to 14) including nursery cost						1556677.09	
16	a) Cost of LMV in case the area is more than 300 Ha in one Division				1380000	Nos		

	h) Cost of 1(one HMV) in case the area is more than 300 Ha in one Division.				1800000	Nos		
	a)1 (One) driver at the rate of Rs.7000/pm for 10years for CA Area more than 300Ha.					Nos		
	b)1 (One) Handyman at the rate of Rs.5000/pm for 10years for CA Area more than 300Ha.					Nos		
18	a) Construction of one OBT labour shed (2 room) for the workers at the plantation site of 10Ha and upto 25Ha 1room to be added for every 13.Ha or part thereof at proportionate cost			3	134750	No.of L/She d	404250.00	
	b) Maint. Of OBT labour shed@ 25% of construction cost per year (from 4th year to 6th year) add escalation value by multiplying factor			101062.5	1.3		131381.25	
	ii)5th year-1.4			32845.313	1.4		45983.44	
	iii)6th year-1.5			11495.859	1.5		17243.79	
19	a) Construction of MIB Type quarter for every 50Ha.			0	471880		0.00	
	b)Maint. Of MIBt@20% of cost per year (from 2nd year to 9th year) add escalation value by multiflying factor			0				
	3rd year-(M.F=1.2)			0	1.2		0.00	
	4th year-(M.F=1.3)			0	1.3		0.00	
	5th year-(M.F=1.4)			0	1.4		0.00	
	6th year-(M.F=1.5)			0	1.5		0.00	
	7th year-(M.F=1.6)			0	1.6		0.00	
	8th year-(M.F=1.7)			0	1.7		0.00	
	9th year-(M.F=1.8)			0	1.8		0.00	
20	a) C.A. Area is 10km away from the nearest forest office/ establishment one SPT building for beat office, standard size for every 100Ha.			0	809000	No.o f SPT	0.00	
	b) Add escalation value of 10% of const. cost per year (from 2nd year to 9th year) including escalation value by multiplying factor			0				
	4th year-(M.F=1.3)			0	1.3			
	5th year-(M.F=1.4)			0	1.4			
	6th year-(M.F=1.5)			0	1.5			
	7th year-(M.F=1.6)			0	1.6			
	8th year-(M.F=1.7)			0	1.7			
	9th year-(M.F=1.8)			0	1.8			
21	Approach foot track to plantation area where necessary for 100RMT @ Rs.460/-			100	460	100 RMT	46000.00	
22	Provision for one afforestation supervisor for every 150Ha @Rs.6500/pm for 10 years where C A area is more than 150Ha.			0			0.00	
							17768306.51	"B"
23	Add 5% Contingency on Item 1 to 22 to meet the unseen expenditure.						888415.33	
24	Entry point activities at the rate of Rs.10000/ per Ha.	61.98			10000	Ha	619800.00	
25	Provision for conservation structure (where needed) @ Rs.4600 per Ha	61.98			4600	Ha	285108.00	
OVERALL TOTAL=							19561629.83	

Say Rs.1,95,61,630.00

(Rupees One Crore Ninety Five Lakhs sixty One Thousand Six Hundred Thirty) Only


Range Forest Officer
Seijosa Forest Range
Seijosa


(V.K. Jawa) DCF
Divisional Forest Officer
Khalong Forest Division
Bhalukona (A P 1)