

DETAILED SCHEME FOR COMPENSATORY AFFORESTATION OF 01.00 HECTARES BLOCK PLANTATION AT JEYPORE R.F. (FOR DIVERSION OF 0.069 HEC. OF FOREST LAND :

Area in Jeypore R.F. = 01.00 Ha.

SPACING = 2M X 2M
 NO. OF SEEDLING = 2500 NOS
 LENGTH OF FENCE = 400 R.M.
 WAGE RATE FOR THE 1ST YEAR (Rs.) = 152/-
 INCREASE ON WAGE RATE FOR SUBSEQUENT YEAR BY FACTOR 1.1
 APPRECIATION OF MATERIAL COST BY A FACTOR OF 1.1

Sl. No.	Particulars of works	Units	Quantity in Ha.	Total Quantity	Rate/ Unit	Amount (in Rs.)
A	ERECTION OF FENCING @Rs. 152/- DL					
	(a) Cost of full Chain-linked Goat Proof fencing (4' ht with 10 Gauge, 3" dia link) to be fitted on pre cat RCC Pillars at 1.8 metre apart including transportation of fencing materials to site for 400 RM @ Rs. 800/- per RM as per estimate.	RMs		400	800	320000.00
	(b) Wages of DLs for carrying, fitting, fixing etc. of fencing materials @ 20 DLs/100 RM	DLs		80	152/-	12160.00
	Sub Total:-					332160.00
B	INFRASTRUCTURE IN PLANTATION AREA:					
	Construction of Camp Hut	Nos.		1	150000/-	150000.00
	Installation of Ring/Tube Well	Nos.		1	50000/-	50000.00
	Irrigation facility with Diesel Generator and hose pipes for watering the Nursery and Plantation (during dry spells)	Nos.		1	50000/-	50000.00
	Cost of Tools & Implements	Nos.		1	50000/-	50000.00
	Cost of RCC Signboard & Gate including fitting and fixing of the same	Nos.		1	60000/-	60000.00
	Camp accessories @ Rs. 10,000/- per Camp	Nos.		1	10000/-	10000.00
	Construction of Inspection Path 200 RM @ Rs. 50/- RM	RMs		200	50/-	10000.00
	Sub Total:-					380000.00
C	Advance Work					
	Site selection, surveying, demarcation, jungle cutting burning etc. 20 DLs/Ha	DLs	20	20	152/-	3040.00
	Preparation and acquisition of Polypot saplings in the field Nursery for Planting 2500 Nos. seedlings/Ha @ Rs. 6/- per Polypot.	Nos.	2500	2500	6/-	15000.00

	Preparation of Polypot saplings in the field Nursery for vacancy filling					
	a) 25% mortality expected during 1 st year (to be planted in the field during the 2 nd year) i.e. 625 Seedlings/Ha @ Rs. 6.5/- per Polypot.	Nos.	2500	2500	6.5/-	4063.00
	b) 20% mortality expected during 2 nd year (to be planted in the field during the 3 rd year) i.e. 500 Seedlings/Ha @ Rs. 7/- per Polypot.	Nos.	500	500	7/-	3500.00
	c) 15% mortality expected during 3 rd year (to be planted in the field during the 4 th year) i.e. 375 Seedlings/Ha @ Rs. 7.5/- per Polypot.	Nos.	375	375	7.5/-	2813.00
	d) 10% mortality expected during 4 th year (to be planted in the field during the 5 th year) i.e. 250 Seedlings/Ha @ Rs. 8/- per Polypot.	Nos.	250	250	8/-	2000.00
	Cost of Bamboo, making of stacking and transportation etc.	Nos.	625	625	1	625.00
	Line alignment, carriage of stacking materials and fixing the stacking @ 5 DLs/Ha	DLs	5	5	152/-	760.00
	Supervision and Monitoring	L.S.				10000.00
	Sub Total:-					23761.00
D	Creation & First Year Maintenance:					
	Soil working, carriage of stumps polypot seedlings and planting at the plantation site including dibbling of seeds whenever necessary to complete raising of plantation with all necessary operation = 40 DLs/ ha @ Rs. 152/- DL	DLs	40	40	152/-	6080.00
	5 weeding, mulching and fire protection works = 18 Dls @ Rs. 152/- DL	DLs	18	18	152/-	2736.00
	Protection work, cattle watching, upkeepment of plantation and making of inspection path, repairing of fence etc. on day to day basis 12 dls / 1 Ha. @ Rs. 250/- dls.					
	Upkeepment of plantation and making of Inspection Path repairing of fence etc. on day to day basis @ 5 DLs/Ha	DLs	5	5	152/-	760.00
	Maintenance and protection work field nursery and Watch & Ward for the plantation area (1 DL for 365 Days)	DLs		365	152/-	55480.00
	Maintenance of camp huts, implements, ring/tube-well upkeepment of plantation, signboard, documentation upkeepment of records and other misc. work. L.S.	DLs				10000.00
	Awareness and Monitoring @ rs. 800/- Ha.	L.S.		1	800/-	800.00
	Sub Total:-					75856.00

E	Second Year Maintenance: @ Rs. 167/-					
	5 weedings, fire protection works @ 15 DLs/Ha/weeding	DLs	15	75	167/-	12525.00
	25% vacancy filling by 1 year old seedlings from Nursery @ 10 DLs/Ha	DLs	10	50	167/-	8350.00
	Upkeepment of plantation and making of Inspection Path repairing of fence etc. on day to day basis @ 5 DLs/Ha	DLs	5	5	167/-	835.00
	Maintenance and protection work field nursery and Watch & Ward for the plantation area (1 DL for 365 Days)	DLs		365	167/-	60955.00
	Maintenance of camp huts, implements, ring/tube-well upkeepment of plantation, signboard, documentation upkeepment of records and other misc. work. L.S.	L.S.				11000.00
	Supervision cost	L.S.				4000.00
	Contingency	L.S.				1500.00
	Total:-					99165.00
F	Third Year Maintenance: @ Rs. 184/-					
	4 weedings, fire protection works @ 15 DLs/Ha/weeding	DLs	15	60	184/-	11040.00
	20% vacancy filling by 2 year old seedlings from Nursery @ 8 DLs/Ha	DLs	8	8	184/-	1472.00
	Upkeepment of plantation and making of Inspection Path repairing of fence etc. on day to day basis @ 5 DLs/Ha	DLs	5	5	184/-	920.00
	Maintenance and protection work field nursery and Watch & Ward for the plantation area (1 DL for 365 Days)	DLs		365	184/-	67160.00
	Maintenance of camp huts, implements, ring/tube-well upkeepment of plantation, signboard, documentation upkeepment of records.	L.S.				12100.00
	Supervision cost	L.S.				4000.00
	Contingency 15% over previous year	L.S.				1725.00
	Sub Total:-					98417.00
G	Fourth Year Maintenance: @ Rs. 202/-					
	4 weedings, fire protection works @ 15 DLs/Ha/weeding	DLs	15	60	202/-	12120.00
	15% vacancy filling by 2 year old seedlings from Nursery @ 6 DLs/Ha	DLs	6	6	202/-	1212.00
	Upkeepment of plantation and making of Inspection Path repairing of fence etc. on day to day basis @ 5 DLs/Ha	DLs	5	5	202/-	1010.00
	Maintenance and protection work field nursery and Watch & Ward for the plantation area (1 DL for 365 Days)	DLs		365	202/-	73730.00

	Maintenance of camp huts, implements, ring/tube-well upkeepment of plantation, signboard, documentation upkeepment of records.	L.S.				13310.00
	Supervision cost					4000.00
	Contingency 15% over previous year					1984.00
	Sub Total:					107366.00
H	Fifth Year Maintenance: @ Rs. 223/-					
	Climber cutting, weeding & other silvicultural works and fire protection works @ 15 DLs/Ha.	DLs	15	20	223/-	4460.00
	10% vacancy filling by 2 year old seedlings from Nursery @ 4 DLs/Ha	DLs	4	4	223/-	892.00
	Maintenance and fencing post replacement @ 3% initial cost of materials.			0.03	320000/-	9600.00
	Upkeepment of plantation and making of Inspection Path repairing of fence etc. on day to day basis @ 4 DLs/Ha	Dls	4	4	223/-	892.00
	Watch & Ward for the plantation area (1 DL for 365) days	DLs		365	223/-	81395.00
	Maintenance of camp huts, implements, ring/tube-well upkeepment of plantation, signboard, documentation upkeepment of records.	L.S.				14641.00
	Supervision cost	L.S.				4000.00
	Contingency 15% over previous year					2282.00
	Sub Total:					118162.00
I	Sixth Year Maintenance: @ Rs. 245/-					
	Climber cutting, other silvicultural works and fire protection works @ 15 DLs/Ha.	DLs	15	15	245/-	3675.00
	Upkeepment of plantation and making of Inspection Path repairing of fence etc. on day to day basis @ 4 DLs/Ha	Dls	4	4	245/-	980.00
	Watch & Ward for the plantation area (1 DL for 365) days	DLs		365	245/-	89425.00
	Maintenance of camp huts, implements, ring/tube-well upkeepment of plantation, signboard, documentation upkeepment of records etc.	L.S.				16105.00
	Supervision cost	L.S.				4000.00
	Contingency 15% over previous year	L.S.				2624.00
	Sub Total:					116809.00

J	Seventh Year Maintenance: @ Rs. 269/-					
	Climber cutting, other silvicultural works and fire protection works @ 12 DLs/Ha.	DLs	12	12	269/-	3228.00
	Protection works, cattle watching, upkeepment of plantation and making of Inspection Path repairing of fence etc. on day to day basis @ 4 DLs/Ha	DLs	5	5	269/-	1345.00
	Maintenance of camp huts, implements, ring/tube-well upkeepment of plantation, signboard, documentation upkeepment of records etc.	L.S.				17716.00
	Supervision cost	L.S.				4000.00
	Contingency 15% over previous year	L.S.				3018.00
	Sub Total:					29307.00
K	Eighth Year Maintenance: @ Rs. 296/-					
	Climber cutting, other silvicultural works and fire protection works @ 8 DLs/Ha.	DLs	8	8	296/-	2368.00
	Protection works, cattle watching, upkeepment of plantation and making of Inspection Path repairing of fence etc. on day to day basis @ 5 DLs/Ha	DLs	5	5	296/-	1480.00
	Maintenance of camp huts, implements, ring/tube-well upkeepment of plantation, signboard, documentation upkeepment of records etc.	L.S.				19487.00
	Supervision cost	L.S.				4000.00
	Contingency 15% over previous year	L.S.				3471.00
	Sub Total:					30806.00
L	Ninth Year Maintenance: @ Rs. 326/-					
	Climber cutting, other silvicultural works and fire protection works @ 7 DLs/Ha.	DLs	7	7	326/-	2282.00
	Protection works, cattle watching, upkeepment of plantation and making of Inspection Path repairing of fence etc. on day to day basis @ 5 DLs/Ha	DLs	5	5	326/-	1630.00
	Maintenance of camp huts, implements, ring/tube-well upkeepment of plantation, signboard, documentation upkeepment of records etc.	L.S.				21436.00
	Supervision cost	L.S.				4000.00
	Contingency 15% over previous year	L.S.				3992.00
	Sub Total:-					33340.00
	Tenth Year Maintenance: @ Rs. 358/-					
	Climber cutting, other silvicultural works and fire protection works @ 6 DLs/Ha.	DLs	6	6	358/-	2148.00

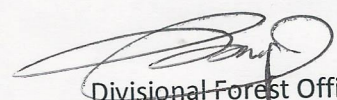
Protection works, cattle watching, upkeepment of plantation and making of Inspection Path repairing of fence etc. on day to day basis @ 4 DLs/Ha	DLs	4	4	358/-	1432.00
Maintenance of camp huts, implements, ring/tube-well upkeepment of plantation, signboard, documentation upkeepment of records etc.	L.S.				23579.00
Supervision cost	L.S.				4000.00
Contingency 15% over previous year	L.S.				4591.00
Sub Total:-					35750.00
Grand Total:-					1480899.00
Say					1480900.00

(Rupees Fourteen Lakhs Eighty Thousand Nine Hundred) only

Technical approved by

Conservator of Forests
Eastern Assam Circle,
Jorhat

Submitted


Divisional Forest Officer,
Dibrugarh Division
Dibrugarh