

Norms for 5.6x2 hect. Compensatory Afforestation plantation within Dhansiri Reserve Forest (Central Range, Diphu) under Karbi Anglong West Division against the diversion proposal of KNEB (5.6 ha) by OIL.

Area = 5.6 ha x 2 = 11.2 Ha.

Spacing (m x m) = 2 x 2

Number of saplings/ha = 2500

Length of Fence (RM) = 905

Wage rate (Rs.) = 273

Increase in wage for subsequent years by a factor = 1.1

Appreciation of material cost by a factor = 1.1

Sl. No.	Particulars of Works	Unit	Qty/Ha	Total Qty.	Rate/Unit	Amount (Rs.)
A	ERECTION OF FENCING					
	(a) Cost of full chain link Goat proof 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-cast RCC pillars of specific specification and size as per details specification attached at 2.5m apart, including transportation, fitting and fixing for 919 RM @ Rs905/RM as per estimate	RM		2413	@3100	74,80,300
	Sub Total					74,80,300.00
B	INFRASTRUCTURE IN PLANTATION AREA					
	Cost of tools & implements	Nos.	2	13,300	-	26,600
	Sub Total					26,600
C	ADVANCE WORK					
	Site selection, surveying, demarcation, jungle cutting, burning etc. 20 dls/ha	DLS	20	224	@273	61,158
	Preparation and acquisition of polypot saplings in the field nursery for planting 2500 Nos. seedlings /ha @ Rs.8/- per polypot	Nos.	2500	28000	@8	2,24,000
	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.8/- per polypot/stump	Nos.	625	7000	@8	56,000
	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.8/- per polypot/stump	Nos.	500	5600	@8	44,800
	Sub Total					3,85,958
D	CRAETION & 1ST YEAR MAINTENANCE					
	Soil working, carriage of stamps, polypot seedling and planting at the plantation site including, dibbling of seeds wherever necessary to complete raising of plantation with all necessary operation @ 40 dls/ha	DLs	40	448	@273	1,22,304
	5 weeding , machine and fire protection works @ 18 DLs/ ha/weeding	DLs	90	1008	@273	2,75,184
	Maintenance and protection of field nursery and watch and ward for the plantation area (2 DLs for 365 days)	DLs	1	365	@360	131400
	Contingency	LS	-	-	-	15,000
	Sub Total					5,43,888.00

E	2nd YEAR MAINTENANCE					
	5 weeding, fire protection works @ 10 DLS/ha/weeding	DLs	50	560	@300	1,68,000
	25% vacancy filling by 1 year old seedling from nursery @ 10 DLS/ha	DLs	10	112	@300	33,600
	Maintenance and protection of field nursery and watch and ward for the plantation area (2 DL for 365 days)	DLs	1	365	@360	131400
	Contingency	LS	-	-	-	15,000
	Sub Total					3,48,000
F	3rd YEAR MAINTENANCE					
	4 weeding, fire protection works @ 8DLs/ha/weeding	DLs	32	358.40	330	1,18,272
	20% vacancy filling by 2 year old seedling from nursery @ 8 DLS/ha	DLs	8	89.60	330	29,568
	Maintenance and protection of field nursery and watch and ward for the plantation area (2DL for 365 days)	DLs	1	365	@360	131400
	Contingency	LS	-	-	-	15,000
	Sub Total					2,94,240.00
G	4th YEAR MAINTENANCE.					
	4 weeding, fire protection works @ 8 DLS/ha/weeding	DLs	32	358.40	363	1,30,099
	Maintenance and protection of field nursery and watch and ward for the plantation area (2DL for 365 days)	DLs	1	365	@363	1,32,495
	Contingency	LS	-	-	-	15,000
	Sub Total					2,77,594.00
H	5th YEAR MAINTENANCE					
	Climber cutting, weeding & other Silvicultural works and fire protection works @ 5 DLS/ha	DLs	5	56	@399	22,344
	Maintenance and protection of field nursery and watch and ward for the plantation area (1DL for 365 days)	DLs	1	365	@399	1,45,635
	Contingency	LS	-	-	-	15,000
	Sub Total					1,82,979.00
I	6th YEAR MAINTENANCE					
	Climber cutting, weeding & other Silvicultural works and fire protection works @ 5 DLS/ha	DLs	5	56	@439	24,584
	Contingency	Ls	-	-	-	15,000
	Sub Total					39,584
J	7th YEAR MAINTENANCE					
	Climber cutting, weeding & other Silvicultural works and fire protection works @ 5 DLS/ha	DLs	5	56	@483	27,048
	Contingency	Ls	-	-	-	15,000
	Sub Total					42,048
K	8th YEAR MAINTENANCE					
	Climber cutting, weeding & other Silvicultural works and fire protection works @ 5 DLS/ha	DLs	5	56	@531	29,736
	Contingency	Ls	-	-	-	15,000
	Sub Total					44,736

L	9th YEAR MAINTENANCE					
	Climber cutting, weeding & other Silvicultural works and fire protection works @ 5 DLs/ha	DLs	5	56	@584	32,704
	Contingency	Ls	-	-	-	15,000
	Sub Total					47,704
M	10th YEAR MAINTENANCE					
	Climber cutting, weeding & other Silvicultural works and fire protection works @ 5 DLs/ha	DLs	5	56	@642	35,952
	Contingency	Ls	-	-	-	15,000
	Sub Total					50,952
	Total					97,64,583
	50% Overhead Cost					48,82,292
	Grand Total					1,46,46,875

Rupees (One crore sixty seven lakhs forty one thousand two hundred twenty two) only.

Particulars of Works	Amount (Rs.)
Erection of fencing	74,80,300
Infrastructure in plantation area	26,600
Advance work	3,85,958
Creation & 1 st year maintenance	5,43,888
2 nd year maintenance	3,48,000
3 rd year maintenance	2,94,240
4 th year maintenance	2,77,594
5 th year maintenance	1,82,979
6 th year maintenance	39,584
7 th year maintenance	42,048
8 th year maintenance	44,736
9 th year maintenance	47,704
10 th year maintenance	50,952
Total	97,64,583.00
Rate per hect. plantation	8,71,837.00

Submitted by

[Signature]
 Asstt. Conservator of Forests
 I/c Central Range, Diphu
 Karbi Anglong West Divn. Diphu