

ms for 5.50 hect. Compensatory Afforestation plantation in Digboi Reserve Forest (East Block) under Digboi Range
against the diversion proposal of 2.73 hect. of the forest land for the drilling location DPDD, DPDH,DPDI,DPDJ DPDK &
DPDL of ONGC

Area (ha.)	=	5.5
Spacing (m x m)	=	2 x 2
Number of Saplings/ha	=	2500
Length of Fence (RM)	=	940
Wage rate (Rs.)	=	273
Increase in wage rate for subsequent years by a factor	=	1.1
Appreciation of material costs by a factor	=	1.1

Sl. No.	Particulars of Works	Unit	Qty./ Ha.	Total Qty.	Rate/U nit	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 2.5 m apart, including transportation, fitting and fixing for 940 RM @ Rs. 1016/RM as per estimate	RMs		940	1016	955040
	Sub Total					955040
B	INFRASTRUCTURE IN PLANTATION AREA					
	Cost of tools & implements	Nos.		1	5000	5000
	Sub Total					5000
C	ADVANCE WORK					
	Site selection, surveying, demarcation, jungle cutting, burning etc. 20 DLs/ha.	DLs	20	110	273	30030
	Preparation and acquisition of polypot saplings in the field nursery for planting 2500 Nos. Seedlings/ha. @ Rs. 8/- per polypot	Nos.	2500	13750	8	110000
	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) i.e. 625 seedlings/ha. @ Rs. 8/- per polypot/stump	Nos.	625	3437.5	8	27500
	b) 20% mortality expected during 2nd year (to be planted in the field during the 3rd year) i.e. 500 seedlings/ha @ Rs. 8/- per polypot/stump	Nos.	500	2750	8	22000
	Sub Total					189530
D	CREATION & 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	220	273	60060
	5 weeding, mulching and fire protection works @ 18 DLs/ha/weeding	DLs	90	495	273	135135
	Maintenance and protection of field nursery and watch and ward for the plantation area (1 DL for 365 days)	DLs	1	365	273	99645
	Contingency	LS				7000
	Sub Total					301840
E	2ND YEAR MAINTENANCE					
	5 weeding, fire protection works @ 10 DLs/ha/weeding	DLs	50	275	300	82500
	25% vacancy filling by 1 year old seedlings from nursery @ 10 DLs/ha	DLs	10	55	300	16500
	Maintenance and protection of field nursery and watch and ward for the plantation area (1 DL for 365 days)	DLs	1	365	300	109500
	Contingency	LS				7000
	Sub Total					215500
F	3RD YEAR MAINTENANCE					
	4 weedings, fire protection works @ 8 DLs/ha/weeding	DLs	32	176	330	58080
	20% Vacancy filling by 2 year old seedlings from nursery @ 8 DLs/ha	DLs	8	44	330	14520
	Maintenance and protection of field nursery and watch and ward for the plantation area (1 DL for 365 days)	DLs	1	365	330	120450
	Contingency	LS				7000
	Sub Total					200050
G	4TH YEAR MAINTENANCE					
	4 weeding, fire protection works @ 8 DLs/ha/weeding	DLs	32	176	363	63888
	Maintenance and protection of field nursery and watch and ward for the plantation area (1 DL for 365 days)	DLs	1	365	363	132495
	Contingency	LS				7000
	Sub Total					203383
H	5TH YEAR MAINTENANCE					
	Climber cutting, weeding & other silvicultural works and fire protection works @ 5 DLs/ha	DLs	5	27.5	399	10972.5
	Maintenance and protection of field nursery and watch and ward for the plantation area (1 DL for 365 days)	DLs	1	365	399	145635
	Contingency	LS				7000
	Sub Total					163607.5

67

6TH YEAR MAINTENANCE					
Climber cutting, weeding & other silvicultural works and fire protection works @ 5 DLs/ha	DLs	5	27.5	439	12072.5
Contingency	LS				7000
Sub Total					19072.5
7TH YEAR MAINTENANCE					
Climber cutting, weeding & other silvicultural works and fire protection works @ 5 DLs/ha	DLs	5	27.5	483	13282.5
Contingency	LS				7000
Sub Total					20282.5
K 8TH YEAR MAINTENANCE					
Climber cutting, weeding & other silvicultural works and fire protection works @ 5 DLs/ha	DLs	5	27.5	531	14602.5
Contingency	LS				7000
Sub Total					21602.5
L 9TH YEAR MAINTENANCE					
Climber cutting, weeding & other silvicultural works and fire protection works @ 5 DLs/ha	DLs	5	27.5	584	16060
Contingency	LS				7000
Sub Total					23060
M 10TH YEAR MAINTENANCE					
Climber cutting, weeding & other silvicultural works and fire protection works @ 5 DLs/ha	DLs	5	27.5	642	17655
Contingency	LS				7000
Sub Total					24655
Total					2342623
50% Overhead Cost					1171312
Grand Total					3513935


(Rupees Thirty five lakh thirteen thousand nine hundred thirty five) only

Particulars of works	Amount (Rs.)
Erection of fencing	955040
Infrastructure in plantation area	5000
Advance work	189530
Creation & 1st year maintenance	301840
2nd year maintenance	215500
3rd year maintenance	200050
4th year maintenance	203383
5th year maintenance	163608
6th year maintenance	19073
7th year maintenance	20283
8th year maintenance	21603
9th year maintenance	23060
10th year maintenance	24655
TOTAL	2342623
Rate per hect. plantation	425931

Technically Approved by

Countersigned by

Submitted by


 (Narayan Mahanta, IFS)
 Conservator of Forests
 Eastern Assam Circle, Jorhat


 (T.C. Ranjith Ram, IFS)
 Divisional Forest Officer
 Digboi Division, Digboi


 I/c Digboi Range