

Norms for 7 hect. Compensatory Afforestation plantation in Upper Dehing Reserve Forest (West Block) under Lakhpathar Range against the diversion proposal of 3.411 hect. of the forest land for the drilling location DGR of Oil India Ltd., Duliajan

Area (ha.)	. =	7
Spacing (m x m)	. =	2 x 2
Number of Saplings/ha	. =	2500
Length of Fence (RM)	. =	1206
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 1206 RM @ Rs. 1016/RM as per estimate	RMs		1206	1016	1225296
	Sub Total					1225296
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	140	273	38220
	Preparation and acquisition of polypot saplings in the field nursery for planting 2500 Nos. Seedlings/ha. @ Rs. 8/- per polypot	Nos.	2500	17500	8	140000
	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	4375	8	35000
	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	3500	8	28000
	Sub Total					241220
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	280	273	76440
	5 weeding, mulching and fire protection works @ 18 DLs/ha/weeding	DLs	90	630	273	171990
	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					355075
E	2ND YEAR MAINTENANCE					
	5 weeding, fire protection works @ 10 DLs/ha/weeding	DLs	50	350	300	105000
	25% vacancy filling by 1 year old seedlings from nursery @ 10 DLs/ha	DLs	10	70	300	21000
	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					242500
F	3RD YEAR MAINTENANCE					
	4 weedings, fire protection works @ 8 DLs/ha/weeding	DLs	32	224	330	73920
	20% Vacancy filling by 2 year old seedlings from nursery @ 8 DLs/ha	DLs	8	56	330	18480
	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					219850
G	4TH YEAR MAINTENANCE					
	4 weeding, fire protection works @ 8 DLs/ha/weeding	DLs	32	224	363	81312
	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					220807
H	5TH YEAR MAINTENANCE					
	Climber cutting, weeding & other silvicultural works and fire protection works @ 5 DLs/ha	DLs	5	35	399	13965
	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					166600

I	6TH YEAR MAINTENANCE					
	Climber cutting, weeding & other silvicultural works and fire protection works @ 5 DLS/ha	DLS	5	35	439	15365
	Contingency	LS				7000
	Sub Total					22365
I	7TH YEAR MAINTENANCE					
	Climber cutting, weeding & other silvicultural works and fire protection works @ 5 DLS/ha	DLS	5	35	483	16905
	Contingency	LS				7000
	Sub Total					23905
K	8TH YEAR MAINTENANCE					
	Climber cutting, weeding & other silvicultural works and fire protection works @ 5 DLS/ha	DLS	5	35	531	18585
	Contingency	LS				7000
	Sub Total					25585
L	9TH YEAR MAINTENANCE					
	Climber cutting, weeding & other silvicultural works and fire protection works @ 5 DLS/ha	DLS	5	35	584	20440
	Contingency	LS				7000
	Sub Total					27440
M	10TH YEAR MAINTENANCE					
	Climber cutting, weeding & other silvicultural works and fire protection works @ 5 DLS/ha	DLS	5	35	642	22470
	Contingency	LS				7000
	Sub Total					29470
	Total					2805113
	50% Overhead Cost					1402557
	Grand Total					4207670

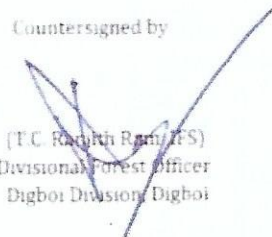
(Rupees Forty two lakh seven thousand six hundred seventy) only

Particulars of works	Amount (Rs.)
Erection of fencing	1225296
Infrastructure in plantation area	5000
Advance work	241220
Creation & 1st year maintenance	355075
2nd year maintenance	242500
3rd year maintenance	219850
4th year maintenance	220807
5th year maintenance	166600
6th year maintenance	22365
7th year maintenance	23905
8th year maintenance	25585
9th year maintenance	27440
10th year maintenance	29470
TOTAL	2805113
Rate per hect. plantation	400730


Technically Approved by


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