

**Norms for 6 hect. Compensatory Afforestation plantation in Upper Dehing Reserve Forest (West Block) under Lakhpathar Range against the diversion proposal of 2.696 hect. of the forest land for the drilling location DHD of Oil India Ltd., Duliajan**

Area (ha.)	.=	6
Spacing (m x m)	.=	2 x 2
Number of Saplings/ha	.=	2500
Length of Fence (RM)	.=	1098
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.)
<b>A</b>	<b>ERECTION OF FENCING</b>					
	(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 1098 RM @ Rs. 1016/RM as per estimate	RMs		1098	1016	1115568
	<b>Sub Total</b>					<b>1115568</b>
<b>B</b>	<b>INFRASTRUCTURE IN PLANTATION AREA</b>					
	Cost of tools & implements	Nos.		1	5000	5000
	<b>Sub Total</b>					<b>5000</b>
<b>C</b>	<b>ADVANCE WORK</b>					
	Site selection, surveying, demarcation, jungle cutting, burning etc. 20 DLs/ha.	DLs	20	120	273	32760
	Preparation and acquisition of polypot saplings in the field nursery for planting 2500 Nos. Seedlings/ha. @ Rs. 8/- per polypot	Nos.	2500	15000	8	120000
	<b>Preparation of polypot saplings in the field nursery for vacancy filling</b>					
	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	3750	8	30000
	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	3000	8	24000
	<b>Sub Total</b>					<b>206760</b>
<b>D</b>	<b>CREATION &amp; 1ST YEAR MAINTENANCE</b>					
	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	240	273	65520
	5 weeding, mulching and fire protection works @ 18 DLs/ha/weeding	DLs	90	540	273	147420
	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				6000
	<b>Sub Total</b>					<b>318585</b>
<b>E</b>	<b>2ND YEAR MAINTENANCE</b>					
	5 weeding, fire protection works @ 10 DLs/ha/weeding	DLs	50	300	300	90000
	25% vacancy filling by 1 year old seedlings from nursery @ 10 DLs/ha	DLs	10	60	300	18000
	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				6000
	<b>Sub Total</b>					<b>223500</b>
<b>F</b>	<b>3RD YEAR MAINTENANCE</b>					
	4 weedings, fire protection works @ 8 DLs/ha/weeding	DLs	32	192	330	63360
	20% Vacancy filling by 2 year old seedlings from nursery @ 8 DLs/ha	DLs	8	48	330	15840
	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				6000
	<b>Sub Total</b>					<b>205650</b>
<b>G</b>	<b>4TH YEAR MAINTENANCE</b>					
	4 weeding, fire protection works @ 8 DLs/ha/weeding	DLs	32	192	363	69696
	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				6000
	<b>Sub Total</b>					<b>208191</b>
<b>H</b>	<b>5TH YEAR MAINTENANCE</b>					
	Climber cutting, weeding & other silvicultural works and fire protection works @ 5 DLs/ha	DLs	5	30	399	11970
	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				6000
	<b>Sub Total</b>					<b>163605</b>




I	<b>6TH YEAR MAINTENANCE</b>					
	Climber cutting, weeding & other silvicultural works and fire protection works @ 5 DLs/ha	DLs	5	30	439	13170
	Contingency	LS				6000
	<b>Sub Total</b>					<b>19170</b>
I	<b>7TH YEAR MAINTENANCE</b>					
	Climber cutting, weeding & other silvicultural works and fire protection works @ 5 DLs/ha	DLs	5	30	483	14490
	Contingency	LS				6000
	<b>Sub Total</b>					<b>20490</b>
K	<b>8TH YEAR MAINTENANCE</b>					
	Climber cutting, weeding & other silvicultural works and fire protection works @ 5 DLs/ha	DLs	5	30	531	15930
	Contingency	LS				6000
	<b>Sub Total</b>					<b>21930</b>
L	<b>9TH YEAR MAINTENANCE</b>					
	Climber cutting, weeding & other silvicultural works and fire protection works @ 5 DLs/ha	DLs	5	30	584	17520
	Contingency	LS				6000
	<b>Sub Total</b>					<b>23520</b>
M	<b>10TH YEAR MAINTENANCE</b>					
	Climber cutting, weeding & other silvicultural works and fire protection works @ 5 DLs/ha	DLs	5	30	642	19260
	Contingency	LS				6000
	<b>Sub Total</b>					<b>25260</b>
	<b>Total</b>					<b>2557229</b>
	<b>50% Overhead Cost</b>					<b>1278615</b>
	<b>Grand Total</b>					<b>3835844</b>

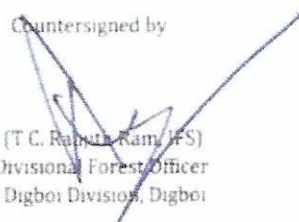
(Rupees Thirty eight lakh thirty five thousand eight hundred forty four) only

Particulars of works	Amount (Rs.)
Erection of fencing	1115568
Infrastructure in plantation area	5000
Advance work	206760
Creation & 1st year maintenance	318585
2nd year maintenance	223500
3rd year maintenance	205650
4th year maintenance	208191
5th year maintenance	163605
6th year maintenance	19170
7th year maintenance	20490
8th year maintenance	21930
9th year maintenance	23520
10th year maintenance	25260
<b>TOTAL</b>	<b>2557229</b>
<b>Rate per hect. plantation</b>	<b>426205</b>


Technically Approved by

  
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Countersigned by

  
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Submitted by

  
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