

**Norms for 2.0 hect. Compensatory Afforestation plantation in Upper Dehing Reserve Forest (West Block) under Lakhipather Range against the diversion proposal of Digboi-Duliajan NLD Optical Route Project (0.915 ha.) by Reliance JIO Infocom Ltd.**

Area (ha.)	. =	2
Spacing (m x m)	. =	2 x 2
Number of Saplings/ha	. =	2500
Length of Fence (RM)	. =	577
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	<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 577 RM @ Rs. 1016/RM as per estimate	RMs		577	1016	586232
	<b>Sub Total</b>					<b>586232</b>
B	<b>INFRASTRUCTURE IN PLANTATION AREA</b>					
	Cost of tools & implements	Nos.		1	5000	5000
	<b>Sub Total</b>					<b>5000</b>
C	<b>ADVANCE WORK</b>					
	Site selection, surveying, demarcation, jungle cutting, burning etc. 20 DLs/ha.	DLs	20	40	273	10920
	Preparation and acquisition of polypot saplings in the field nursery for planting 2500 Nos. Seedlings/ha. @ Rs. 8/- per polypot	Nos.	2500	5000	8	40000
	<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	1250	8	10000
	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	1000	8	8000
	<b>Sub Total</b>					<b>68920</b>
D	<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	80	273	21840
	5 weeding, mulching and fire protection works @ 18 DLs/ha/weeding	DLs	90	180	273	49140
	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
	<b>Sub Total</b>					<b>177625</b>
E	<b>2ND YEAR MAINTENANCE</b>					
	5 weeding, fire protection works @ 10 DLs/ha/weeding	DLs	50	100	300	30000
	25% vacancy filling by 1 year old seedlings from nursery @ 10 DLs/ha	DLs	10	20	300	6000
	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
	<b>Sub Total</b>					<b>152500</b>
F	<b>3RD YEAR MAINTENANCE</b>					
	4 weedings, fire protection works @ 8 DLs/ha/weeding	DLs	32	64	330	21120
	20% Vacancy filling by 2 year old seedlings from nursery @ 8 DLs/ha	DLs	8	16	330	5280
	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
	<b>Sub Total</b>					<b>153850</b>
G	<b>4TH YEAR MAINTENANCE</b>					
	4 weeding, fire protection works @ 8 DLs/ha/weeding	DLs	32	64	363	23232
	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
	<b>Sub Total</b>					<b>162727</b>
H	<b>5TH YEAR MAINTENANCE</b>					
	Climber cutting, weeding & other silvicultural works and fire protection works @ 5 DLs/ha	DLs	5	10	399	3990
	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
	<b>Sub Total</b>					<b>156625</b>

I	<b>6TH YEAR MAINTENANCE</b>					
	Climber cutting, weeding & other silvicultural works and fire protection works @ 5 DLs/ha	DLs	5	10	439	4390
	Contingency	LS				7000
	<b>Sub Total</b>					<b>11390</b>
J	<b>7TH YEAR MAINTENANCE</b>					
	Climber cutting, weeding & other silvicultural works and fire protection works @ 5 DLs/ha	DLs	5	10	483	4830
	Contingency	LS				7000
	<b>Sub Total</b>					<b>11830</b>
K	<b>8TH YEAR MAINTENANCE</b>					
	Climber cutting, weeding & other silvicultural works and fire protection works @ 5 DLs/ha	DLs	5	10	531	5310
	Contingency	LS				7000
	<b>Sub Total</b>					<b>12310</b>
L	<b>9TH YEAR MAINTENANCE</b>					
	Climber cutting, weeding & other silvicultural works and fire protection works @ 5 DLs/ha	DLs	5	10	584	5840
	Contingency	LS				7000
	<b>Sub Total</b>					<b>12840</b>
M	<b>10TH YEAR MAINTENANCE</b>					
	Climber cutting, weeding & other silvicultural works and fire protection works @ 5 DLs/ha	DLs	5	10	642	6420
	Contingency	LS				7000
	<b>Sub Total</b>					<b>13420</b>
	<b>Total</b>					<b>1525269</b>
	<b>50% Overhead Cost</b>					<b>762635</b>
	<b>Grand Total</b>					<b>2287904</b>


(Rupees Twenty two lakh eighty seven thousand nine hundred four) only

Particulars of works	Amount (Rs.)
Erection of fencing	586232
Infrastructure in plantation area	5000
Advance work	68920
Creation & 1st year maintenance	177625
2nd year maintenance	152500
3rd year maintenance	153850
4th year maintenance	162727
5th year maintenance	156625
6th year maintenance	11390
7th year maintenance	11830
8th year maintenance	12310
9th year maintenance	12840
10th year maintenance	13420
<b>TOTAL</b>	<b>1525269</b>
<b>Rate per hect. plantation</b>	<b>762635</b>

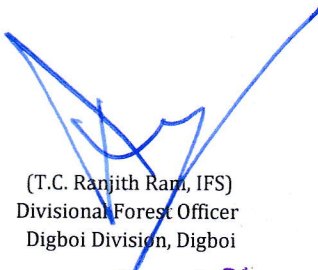
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