

Norms for 100 seedlings Compensatory Afforestation plantation in Digboi Division against the diversion proposal for erecting mobile tower at Upper Dehing Reserved Forest, West Block under Digboi Forest Division.

Area (ha.) : 0.04

Area has been calculated on the basis of minimum number of seedlings ie , 100 seedlings assuming that 1 hectare has 2500 seedlings as per camp norms.

Spacing (m x m) : 2 X 2

Number of Saplings/ ha : 2500

Length of Fence (RM) : 100

Wage rate (Rs.) : 320

Increase in wage rate for subsequent years by a factor : 1.1\*\*

Sl. No	Particulars of works	Units	Qty./ Ha.	Total Qty.	Rate/ Unit	Amount (Rs.)	Applicable rate of GST/ Cess etc.		Total amount inclusive of GST/ Cess
							GST	Labour Cess	
<b>A</b>	<b>ERECTION OF FENCING</b>								
	(a) Cost of fencing 100 seedlings	Nos.		100	1260	126000	14.05%	1%	144963
	<b>Sub Total (A)</b>					<b>126000</b>	<b>14.05%</b>	<b>1%</b>	<b>144963</b>
<b>B</b>	<b>INFRASTRUCTURE IN PLANTATION AREA</b>								
	Cost of tools & implements	Set		1	1000	1000	12%	1%	1130
	Cost of signboard including fitting and fixing of the same	Nos.		1	10000	10000	12%	1%	11300
	<b>Sub Total (B)</b>					<b>11000</b>	<b>12%</b>	<b>1%</b>	<b>12430</b>
<b>C</b>	<b>ADVANCE WORK (including site nursery)</b>								
	Raising of Nursery for creation including vacancy filling for 3 (three) years (25% + 15% + 10%) and site nursery mortality 15% by using polypots	Nos.	4125	165	10	1650			1650
	Site selection, surveying, demarcation, jungle cutting, slash disposal etc. 40 DLs/ha.	DLs	40	2	320	640			640
	<b>Sub Total (C)</b>					<b>2290</b>			<b>2290</b>
<b>D</b>	<b>CREATION</b>								
	Soil working, carriage of stumps, polypot seedling and planting at the plantation site including, dibbling of seeds wherever necessary to complete raising of plantation with all necessary operation @ 50 DLs/ ha	DLs	50	2	320	640			640
	<b>Sub total (D)</b>					<b>640</b>			<b>640</b>
<b>E</b>	<b>1ST YEAR MAINTENANCE</b>								

Sl. No	Particulars of works	Units	Qty./ Ha.	Total Qty.	Rate/ Unit	Amount (Rs.)	Applicable rate of GST/ Cess etc.		Total amount inclusive of GST/ Cess
							GST	Labour Cess	
	4 weeding, mulching and fire protection works @ 25 DLs/ ha/ weeding	DLs	100	4	320	1280			1280
	Contingency	LS				1000			1000
	<b>Sub total (E)</b>					<b>2280</b>			<b>2280</b>
<b>F</b>	<b>2<sup>ND</sup> YEAR MAINTENANCE</b>								
	4 weedings, Mulching and fire protection works @ 25 DLs/ha/weeding	DLs	100	4	352	1408			1408
	25% vacancy filling by 1 year old seedlings from nursery @ 28 DLs/ha	DLs	28	2	352	704			704
	Contingency	LS				1000			1000
	<b>Sub Total (F)</b>					<b>3112</b>			<b>3112</b>
<b>G</b>	<b>3<sup>RD</sup> YEAR MAINTENANCE</b>								
	4 weedings, mulching and fire protection works @ 20 DLs/ ha/ weeding	DLs	80	4	388	1552			1552
	15% Vacancy filling by 2 year old seedlings from nursery @ 23 DLs/ ha	DLs	23	2	388	776			776
	Contingency	LS				1000			1000
	<b>Sub Total (G)</b>					<b>3328</b>			<b>3328</b>
<b>H</b>	<b>4<sup>TH</sup> YEAR MAINTENANCE</b>								
	3 weedings, fire protection works @ 15 DLs/ ha/ weeding	DLs	45	2	427	854			854
	Contingency	LS				1000			1000
	<b>Sub Total (H)</b>					<b>1854</b>			<b>1854</b>
<b>I</b>	<b>5<sup>TH</sup> YEAR MAINTENANCE</b>								
	Climber cutting, 3 weedings & other silvicultural works and fire protection works @ 15 DLs/ ha	DLs	45	2	470	940			940
	Contingency	LS				1000			1000
	<b>Sub Total (I)</b>					<b>1940</b>			<b>1940</b>
<b>J</b>	<b>6<sup>TH</sup> YEAR MAINTENANCE</b>								
	Climber cutting, Silvicultural works and fire protection works @ 10 DLs/ ha	DLs	10	1	517	517			517
	Contingency	LS				1000			1000
	<b>Sub Total (J)</b>					<b>1517</b>			<b>1517</b>
<b>K</b>	<b>7<sup>TH</sup> YEAR MAINTENANCE</b>								
	Climber cutting, Silvicultural works and fire protection works @ 10 DLs/ ha	DLs	10	1	569	569			569
	Contingency	LS				1000			1000
	<b>Sub Total (K)</b>					<b>1569</b>			<b>1569</b>
<b>L</b>	<b>8<sup>th</sup> YEAR MAINTENANCE</b>								
	Climber cutting, Silvicultural works and fire protection works @ 10 DLs/ ha	DLs	10	1	626	626			626
	Contingency	LS				1000			1000
	<b>Sub Total (L)</b>					<b>1626</b>			<b>1626</b>
<b>M</b>	<b>9<sup>th</sup> YEAR MAINTENANCE</b>								



Sl. No	Particulars of works	Units	Qty./ Ha.	Total Qty.	Rate/ Unit	Amount (Rs.)	Applicable rate of GST/ Cess etc.		Total amount inclusive of GST/ Cess
							GST	Labour Cess	
	Climber cutting, Silvicultural works and fire protection works @ 10 DLs/ ha	DLs	10	1	689	689			689
	Contingency	LS				1000			1000
	<b>Sub Total (M)</b>					<b>1689</b>			<b>1689</b>
<b>N</b>	<b>10th YEAR MAINTENANCE</b>								
	Climber cutting, Silvicultural works and fire protection works @ 10 DLs/ ha	DLs	10	1	758	758			758
	Contingency	LS				1000			1000
	<b>Sub Total (N)</b>					<b>1758</b>			<b>1758</b>
	<b>Total (Sub Total A+B+C+D+E+F+G+H+I+J+K+L+M+N)</b>					<b>180996</b>			<b>180996</b>
	<b>Over Head Cost (70% of Compensatory Afforestation)</b>					<b>126697</b>			<b>90498</b>
	<b>Grand Total</b>					<b>307693</b>			<b>271494</b>

(Rupees Two lakhs seventy one thousand four hundred ninety four) only

Technically Approved by

Countersigned by

Submitted by

Circle in charge  
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28-04-22

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