

**ESTIMATE FOR RAISING COMPENSATORY AFFORESTATION PLANTATION UNDER KHELLONG FOREST DIVISION**

Name of project : Construction of 135 MTR Span Major permanent Bridge over Pinjoli Nallah  
 User Agency : BRTF  
 Location of CA : Doimara RF  
 Area of CA : 0.162 ha.  
 Wages rate (DL) : 333/-

		Unit	Qty	Rate	Amount	Remarks
<b>A</b>	<b>Creation of Nursery</b>					
	Cost of seedlings @ 1100 Nos. / ha.	No.	178	18	3204	
<b>1</b>	<b>1ST YEAR OPERATION</b>					
	Survey & demarcation and preparation of map @ 4 mandays/ ha. 0.162x4=0.648=or say 1	Manday	1.00	333	333	
	<b>Sub Total</b>					
<b>2</b>	<b>2ND YEAR OPERATION</b>					
	(i) Erection of barbed wire fence (5 strand) fencing per 100 Rmt.	Rmt	220	231.52	50934	It includes maintenance of B/wire fencing upto 6th years.
	(ii) Maint. Barbed wire fencing @ 5% of erection cost in each year from 3rd year to 6th year Add.					
	Add 10% escalation value by multiplying factor:					
	1.20 for 3rd year					
	1.3 for 4th year					
	1.4 for 5th year					
	1.5 for 6th year					
	<b>Sub-Total</b>					
<b>3</b>	<b>Raising of seedlings for casualty replacement</b>	No.	45	18.0	810	
	3rd year 15%=165 Nos					
	4th year 10%= 110 Nos. Total= 275 Nos/ha 275 Nos x 0.162= 45 Nos					
<b>4</b>	<b>RAISING OF PLANTATION</b>					
	(i) Clearance of brush wood, planting lines & staking of debris @ 15 mandays/ha.	Manday	26.0	333	8658	It includes item at col.4(i) to 4(ix)
	(ii) Alignment of pits & preparation of stakes, staking @ 10 mandays/ha					
	(iii) Digging of pits 30 Cm X 30 Cm X 30 Cm @ 22 mandays/ha					

	(iv) Prepration of thala by uprooting of debris by hoeing around pits @ 22 mandays/ha					
	(v) Carring of sapling to the planting site i/c planting of sapling @ 30 mandays (Area II) & 20 mandays (Area-I0/ha					
	(vi) Making of inspection path 1mtr wide @ 3 mandays/ha					
	(vii) Fire line cutting 3mtrs wide along the periphery @ 5 mandays/ha					
	(viii) Tending - 4 weeding @ 12 mandays/weeding/ha					
	(ix) Add 10% escalation value on total of item 4(i) to 4(viii)					
<b>5</b>	<b>3RD YEAR OPERATION</b>	<b>Manday</b>	9.00	333	2997	It includes item 5(i) to 5(v)
	(i) Tending - 3 weeding @ 12 mandays/ha					
	(ii) Casualty replacement 15%					
	(iii) Maint. of inspection path @ 1 manday/ha					
	(iv) Maint. Of fireline @ 1 manday/ha					
	(v) Add 20% escalation value on total of item 5(i) to 5(iv)					
<b>6</b>	<b>4TH YEAR OPERATION</b>	<b>Manday</b>	7.00	333	2331	It includes 6(i) to 6(v)
	(i) Tending -2 weedings @ 12 mandays/weeding/ha					
	(ii) Casualty replacement 10% @ 7 mandays/ha					
	(iii) Maint. Of inspection path @ 1 manday/ha					
	(iv) Maint. of fireline @ 1 manday/weeding/ha					
	(v) Add 30% escalation value on item 6(i) to 6(iv)					
<b>7</b>	<b>5TH YEAR OPERATION</b>	<b>Manday</b>	4.00	333	1332	It includes 7(i) to 7(v)
	(i) Tending - 1 weedings @ 12 mandays/weeding/ha					
	(ii) Maint. of inspection path @ 1 manday/ha					
	(iii) Maint. Of fire line @ 1 manday/ha					
	(iv) Add paid holiday @ 18.63% on item 7(i) to 7 (iii)					
	(v) Add 40% escalation value on item 7(i) to 7(iv)					

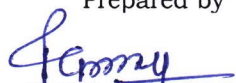


8	<b>6TH YEAR OPERATION</b>	<b>Manday</b>	4.00	333	1332	It includes 8(i) to 8(v)
	(i) Tending - 1 weedings @ 12 mandays/weeding/ha					
	(ii) Maint. of inspection path @ 1 mnday/ ha.					
	(iii) Maint. of fireline @ 1 manday/ha.					
	(iv) Add 50% escalation value on item 8(i) to 8(iii)					
9	<b>7TH YEAR OPERATION</b>	<b>Manday</b>	2.00	333	666	It includes item 9(i) to 9(ii)
	(i) Maint. of inspection path / fireline & climber cutting @ 5 mandays/ha					
	(ii) Add 60% escalation value on total item 9(i)					
10	<b>8TH YEAR OPERATION</b>	<b>Manday</b>	2.00	333	666	It includes item 10(i) to 10(ii)
	(i) Maint. of inspection path / fireline & climbing cutting @ 5 mandays/ha					
	(ii) Add 70% escalation value on item 10(i)					
	<b>Sub-Total</b>					
11	<b>9TH YEAR OPERATION</b>	<b>Manday</b>	2.00	333	666	It includes item 11(i) to 11(ii)
	(i) Maint. of inspection path / fireline & climber cutting @ 5 mandays/ha					
	(ii) Add 80% escalation value on total of item 11(i)					
12	<b>10TH YEAR OPERATION</b>	<b>Manday</b>	2.00	333	666	It includes item 12(i) to 12(ii)
	(i) Maint. of inspection path / fireline & climber cutting @ 5 mandays/ha					
	(ii) Add 90% escalation value on total of item 12 (i)					
13	Approach foot track to plantation in area where necessary	Rmt	100	6.57	657	
14	Monitoring, Supervision (POL, Maint. of vehicles, including TE etc.) @ 12% and Contingency @ 3% to meet up unseen expenditure i.e 15% on item No.1 to13 plus Nursery cost to meet the unforeseen expenditure Rs.75252/-				11288	

15	Provision for soil and moisture conservation structures (where needed) @ Rs. 7200/- per ha.	ha	0.162	7200	1166	
				<b>Total</b>	<b>87707</b>	
					or say Rs.87700	

(Rupees eighty seven thousand seven hundred) only

Prepared by



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