

**Estimate For Advance Work , Creation, Ten Year maintenance of Sai Plantation for  
Compensatory Afforestation**

Unit - 1 Ha  
Spacing = 2.50 m X 2.50 m

Species - Sal,Amlaki, Bahera, Haritaki, Piasal, Mahul, Jarul, Jam, Arjun, Karanj, Piyal, Sidha, Kusum,  
Haldu, Asan, Champ, Neem, Bhelai, Dha, Gab, Setisal, Ashoke etc

**Advance Work**

<b>A. Nursery</b>				
Sl. No.	Particulars of work	M.D	Rate	Amount
1	Cleaning levelling & dressing site	1.00		
2	Preparation of mother bed & pricking out bed	1.00		
3	Sowing seed in mother bed	1.00		
4	Filling up polythene tube with sand & Cowdung			
	manure 1:1	10.00		
5	Making nursery shed with bamboo & thatch			
	etc. complete	1.00		
6	Making fencing around the nursery	2.00		
7	Making nursery hut with bamboo & thatch	2.00		
8	Watering the seedling during March	4.00		
		22.00	268.00	5896.00
9	Price of nursery materials			
	a) Polypot (8"x 6")	2 kg	200	300.00
	b) Bamboo thatch etc.		L.S	800.00
	c) Insecticides		L.S	500.00
	d) Seeds		L.S	800.00
	e) Cowdung	4 m <sup>3</sup>	1000.00	4000.00
	f) Sand	4 m <sup>3</sup>	700.00	2800.00
	g) Fencing materials			2500.00
				11700.00
<b>B. Soil Work</b>				
1	Survey demarcation & preparation of map	1		
2	Alignment staking of planting pit	1		
3	Digging planting pit of size 60 + 45/2 X 45 X 45			
	over 1 ha	32		
4	Making inspection path	1		
5	Alignment and Cutting of contour trench of size 0.45m x 0.45m x 5 mt. total 500m long per ha = 101.25 m <sup>3</sup> in staggered 101.25 m <sup>3</sup> in staggered manner 0.5 mt away one pit line and 2 mt away from another line for easy movement. Trench line to next trench line distance 10 mt	40		
		75	268.00	20100.00
6	Making cattle proof trench over 144 m <sup>3</sup> per ha	144 m <sup>3</sup>	120.47	17347.68
<b>C. Contingency</b>				
1	Fertilizer etc			1842.32
	<b>Total</b>			<b>68586.00</b>

**Countersigned**

**Chief Conservator of Forests  
South-East Circle, West Bengal**

**Divisional Forest Officer  
Burdwan Division**



Creation Work				
Sl. No.	Particulars	Qty/MD	Rate	Amount
<b>CREATION WORKS (PLANTATION)</b>				
1	Survey & demarcation	2		
2	Hoeing surrounding the boundary line including sowing of Akashmoni & Babla Seed	10		
3	Cleaning the plantation area before planting	16		
4	Alignment and stacking	4		
5	Inspection Path	6		
6	Digging planting pits	45		
7	Cost of carriage of seedling from nursery to planting cite	10		
8	Transplanting of potted seedlings in pits	16		
9	Filling up planting pits including application of fertilizer	20		
10	Planting seedlings including carriage	20		
11	Vacancy filling including application of insecticides	6		
		155	268 00	41540 00
	<b>Total</b>			<b>41540.00</b>
<b>FENCING WORKS</b>				
10	Erection of barbed wire fencing 4 strands including cost of fencing materials and fixing all complete including RCC post			60000 00
	<b>Total</b>			<b>60000.00</b>
<b>TENDING &amp; OTHER WORKS</b>				
11	1st time weeding cleaning & mulching with fertilizer	16		
12	2nd time weeding cleaning & mulching	14		
13	3rd time weeding cleaning & mulching	10		
14	Watch & Ward	24		
15	Fire protection	8		
16	Fire line cutting	16		
17	Irrigation facility	10		
		98	268.00	26264 00
16	Making Signboard etc			1990 00
	<b>Total</b>			<b>28254.00</b>
<b>Materials</b>				
17	Supply of fertilizer (cow dung) Vermicompost Hormone			15000.00
	<b>GRAND TOTAL</b>			<b>144794.00</b>
1st YEAR MAINT WORKS				
Sl. NO.	Particulars	Qty/MD	Rate	Amount
<b>TENDING WORKS</b>				
1	Infilling by taller seedlings	4		
2	1st time weeding cleaning & mulching with fertilizer	16		
3	2nd time weeding cleaning & mulching with fertilizer	14		
4	3rd time weeding cleaning & mulching with fertilizer	10		
5	Fire protection	4		
6	Fire line maintenance	10		
7	Repair of fencing	6		
8	Watch & Ward	24		
9	Irrigation facility	10		
		98	295 00	28910 00
10	Fencing materials etc			1500 00
<b>Materials</b>				
11	Supply of fertilizer Vermicompost Hormone			6816 00
12	Price of seedlings including carriage	160 Nos	15	2400 00
	<b>TOTAL</b>			<b>39626.00</b>

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2nd YEAR MAINT WORKS		Wage Rate -	325.00	
Sl.No.	Particulars	Qnty/MD	Rate	Amount
TENDING WORKS				
1	Infilling by taller seedlings	4		
2	1st time weeding cleaning & mulching with fertilizer	16		
3	2nd time weeding cleaning & mulching with fertilizer	14		
4	3rd time weeding cleaning & mulching with fertilizer	10		
5	Fire protection	4		
6	Fire line maintenance	10		
7	Repair of fencing	6		
8	Watch & Ward	24		
		88	325.00	28600.00
9	Fencing materials etc.			3000.00
Materials				
10	Supply of fertilizer, Vermicompose, Hormone			5952.00
11	Price of seedlings including carriage	80 Nos	15	1200.00
	TOTAL			38752.00

3rd YEAR MAINT WORKS		Wage Rate -	358.00	
Sl.No.	Particulars	Qnty/MD	Rate	Amount
TENDING WORKS				
1	1st time weeding cleaning & mulching with fertilizer	16		
2	2nd time weeding cleaning & mulching with fertilizer	14		
3	3rd time weeding cleaning & mulching	10		
4	Fire protection	4		
5	Fire line maintenance	10		
6	Repair of fencing	6		
7	Watch & Ward	24		
		84	358.00	30072.00
8	Fencing materials etc.			3000.00
Materials				
9	Supply of fertilizer, Vermicompose, Hormone			3060.00
	TOTAL			36132.00

4th YEAR MAINT WORKS		Wage Rate -	394.00	
Sl.No.	Particulars	Qnty/MD	Rate	Amount
TENDING WORKS				
1	1st time weeding cleaning & mulching	16		
2	2nd time weeding cleaning & mulching	14		
3	Fire protection	4		
4	Fire line maintenance	10		
5	Repair of fencing	6		
6	Watch & Ward	24		
		74	394.00	29156.00
7	Fencing materials etc.			2800.00
	TOTAL			31956.00

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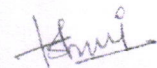
5th YEAR MAINT WORKS		Wage Rate -	433.00	
Sl.No.	Particulars	Qnty/MD	Rate	Amount
TENDING WORKS				
1	1st time weeding cleaning & mulching with fertilizer	12		
2	2nd time weeding cleaning & mulching with fertilizer	10		
3	Fire protection	4		
4	Fire line maintenance	10		
5	Repair of fencing	6		
6	Watch & Ward	24		
		66	433.00	28578.00
7	Fencing materials etc.			2210.00
	TOTAL			30788.00

6th YEAR MAINT WORKS		Wage Rate -	476.00	
Sl.No.	Particulars	Qnty/MD	Rate	Amount
TENDING WORKS				
1	1st time weeding cleaning & mulching with fertilizer	16		
2	Fire protection	4		
3	Fire line maintenance	10		
4	Repair of fencing	6		
5	Watch & Ward	24		
		60	476.00	28560.00
6	Fencing materials etc.			1840.00
	TOTAL			30400.00

7th YEAR MAINT WORKS		Wage Rate -	524.00	
Sl.No.	Particulars	Qnty/MD	Rate	Amount
TENDING WORKS				
1	1st time weeding cleaning & mulching with fertilizer	16		
2	Fire protection	4		
3	Fire line maintenance	10		
4	Repair of fencing	6		
5	Watch & Ward	24		
		60	524.00	31440.00
6	Fencing materials etc.			2200.00
	TOTAL			33640.00

8th YEAR MAINT WORKS		Wage Rate -	576.00	
Sl.No.	Particulars	Qnty/MD	Rate	Amount
TENDING WORKS				
1	1st time weeding cleaning & mulching with fertilizer	16		
2	Fire protection	4		
3	Fire line maintenance	10		
4	Repair of fencing	6		
5	Watch & Ward	24		
		60	576.00	34560.00
6	Fencing materials etc.			2200.00
	TOTAL			36760.00

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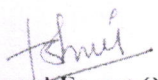


9th YEAR MAINT WORKS		Wage Rate -	634.00	
Sl.No.	Particulars	Qty/MD	Rate	Amount
TENDING WORKS				
1	1st time weeding cleaning & mulching with fertilizer	16		
2	Fireprotection	4		
3	Fire line maintenance	10		
4	Repair of fencing	6		
5	Watch & Ward	24		
		60	634.00	38040.00
6	Fencing materials etc.			2200.00
TOTAL				40240.00

10th YEAR MAINT WORKS		Wage Rate -	697.00	
Sl.No.	Particulars	Qty/MD	Rate	Amount
TENDING WORKS				
1	1st time weeding cleaning & mulching with fertilizer	16		
2	Fire protection	4		
3	Fire line maintenance	10		
4	Repair of fencing	6		
5	Watch & Ward	24		
		60	697.00	41820.00
6	Fencing materials etc.			2150.00
TOTAL				43970.00
Grand Total Per Ha				575824.00
Grand Total for 4.262 ha @ 575824.00				2454161.89
Or Say				2454161.00

Watering facility at the plantation site during lean period				
1	Construction of deep tubewell with Overhead tank	1	165000.00	165000.00
Grand Total for C.A.				2619161.00

( Rupees Twenty Six Lakhs Nineteen Thousand One hundred Sixty One )

  
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