

**Estimate For Advance Work , Creation, Ten Year maintenance of Sal 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 mannure 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	245.00	<b>5390.00</b>
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 m3	1000.00	4000.00
	f) Sand	4 m3	700.00	2800.00
	g) Fencing materials			2500.00
				<b>11700.00</b>
<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 m3 in staggered m3 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	245.00	<b>18375.00</b>
6	Making cattle proof trench over 144 m3 per ha	144 m3	120.47	<b>17347.68</b>
<b>C. Contingency</b>				
1	Fertilizer etc			<b>1842.32</b>
	<b>Total</b>			<b>54655.00</b>

  
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Creation Work				
SI.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	Allignment 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	245.00	37975.00
	<b>Total</b>			<b>37975.00</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	245	24010.00
16	Making Signboard etc.			1990.00
	<b>Total</b>			<b>26000.00</b>
<b>Materials</b>				
17	Supply of fertilizer (cow dung), Vermicompost, Hormone			15000.00
	<b>GRAND TOTAL</b>			<b>138975.00</b>

1st YEAR MAINT WORKS		Wage Rate - 258.00		
SI.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	258.00	25284.00
10	Fencing materials etc.			1500.00
<b>Materials</b>				
11	Supply of fertilizer, Vermicompose, Hormone			6816.00
12	Price of seedlings including carriage	160 Nos	15	2400.00
	<b>TOTAL</b>			<b>36000.00</b>

  
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2nd YEAR MAINT WORKS		Wage Rate -	271	
SI.No.	Particulars	Qnty/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		
		88	271.00	23848.00
10	Fencing materials etc.			3000.00
<b>Materials</b>				
11	Supply of fertilizer, Vermicompose, Hormone			5952.00
12	Price of seedlings including carriage	80 Nos	15	1200.00
	<b>TOTAL</b>			<b>34000.00</b>

3rd YEAR MAINT WORKS		Wage Rate -	285	
SI.No.	Particulars	Qnty/MD	Rate	Amount
<b>TENDING WORKS</b>				
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	285.00	23940.00
8	Fencing materials etc.			3000.00
<b>Materials</b>				
9	Supply of fertilizer, Vermicompose, Hormone			3060.00
	<b>TOTAL</b>			<b>30000.00</b>

4th YEAR MAINT WORKS		Wage Rate -	300	
SI.No.	Particulars	Qnty/MD	Rate	Amount
<b>TENDING WORKS</b>				
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	300.00	22200.00
7	Fencing materials etc.			2800.00
	<b>TOTAL</b>			<b>25000.00</b>

  
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5th YEAR MAINT WORKS		Wage Rate -	315	
SI.No.	Particulars	Qty/MD	Rate	Amount
<b>TENDING WORKS</b>				
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	315.00	20790.00
7	Fencing materials etc.			2210.00
	<b>TOTAL</b>			<b>23000.00</b>

6th YEAR MAINT WORKS		Wage Rate -	331	
SI.No.	Particulars	Qty/MD	Rate	Amount
<b>TENDING WORKS</b>				
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	331.00	19860.00
6	Fencing materials etc.			1840.00
	<b>TOTAL</b>			<b>21700.00</b>

7th YEAR MAINT WORKS		Wage Rate -	360	
SI.No.	Particulars	Qty/MD	Rate	Amount
<b>TENDING WORKS</b>				
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	360.00	21600.00
6	Fencing materials etc.			2200.00
	<b>TOTAL</b>			<b>23800.00</b>

8th YEAR MAINT WORKS		Wage Rate -	400	
SI.No.	Particulars	Qty/MD	Rate	Amount
<b>TENDING WORKS</b>				
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	400.00	24000.00
6	Fencing materials etc.			2200.00
	<b>TOTAL</b>			<b>26200.00</b>

  
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9th YEAR MAINT WORKS		Wage Rate -	450	
SI.No.	Particulars	Qnty/MD	Rate	Amount
<b>TENDING WORKS</b>				
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	450.00	27000.00
6	Fencing materials etc.			2200.00
	<b>TOTAL</b>			<b>29200.00</b>

10th YEAR MAINT WORKS		Wage Rate -	510	
SI.No.	Particulars	Qnty/MD	Rate	Amount
<b>TENDING WORKS</b>				
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	510.00	30600.00
6	Fencing materials etc.			2150.00
	<b>TOTAL</b>			<b>32750.00</b>
	<b>Grand Total Per Ha</b>			<b>475280.00</b>
	<b>Grand Total for 3.26 ha @ 475280.00</b>			<b>1549412.80</b>
	<b>Or Say</b>			<b>1549413.00</b>

<b>Watering facility at the plantation site during lean period</b>				
1	Construction of deep tubewell with Overhead tank	1	150000.00	150000.00
	<b>Grand Total</b>			<b>1699413.00</b>

( Rupees sixteen lakh ninety nine thousand four hundred thirteen) only.

  
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