

**Plantation/Nursery Cost Summary for 0.1 Ha of Compensatory  
Afforestation for Proposed Hydrological Observation Station at  
Chimabangshi Reserve Forest**

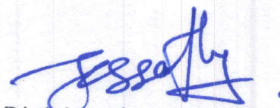
Area of Plantation	0.1 Ha
Wage Rate	₹ 338 Rs

Nursery Beds	No of Beds
Polypot Nursery	1 Beds

Plantation			
S.No.	Year	Plantation - 0.1Ha	Cost (with 10 % increase per year)
1	Preliminary Year	₹ 5,544	₹ 6,099
2	First Year - Creation	₹ 2,535	₹ 3,068
3	Sccond Year - Maintainance	₹ 1,623	₹ 2,161
4	Third Year	₹ 1,623	₹ 2,377
5	Fourth Year	₹ 474	₹ 764
6	Fifth year	₹ 676	₹ 1,198
7	Sixth Year	₹ 676	₹ 1,318
8	Seventh Year	₹ 676	₹ 1,450
9	Eighth Year	₹ 676	₹ 1,594
10	Ninth Year	₹ 676	₹ 1,754
11	Tenth Year	₹ 676	₹ 1,929

Nursery Cost			
S.No.	Year	Polypot - 1 Beds	Cost (with 10 % increase per year)
1	First Year	₹ 10,309	₹ 11,340
2	Second Year	₹ 541	₹ 655

<b>Total Plantation/ Nursery Cost</b>	<b>₹ 35,707</b>
---------------------------------------	-----------------



Divisional Forest Officer  
East & North Garo Hills Division

Williamnagar  
Divisional Forest Officer,  
East & North Garo Hills (T), Division,  
Williamnagar.

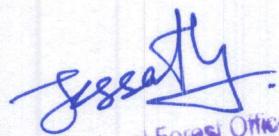
Detailed Estimate for Establishment of Plantation under Compensatory Afforestation in Reserve Forest Area		
Area	1	Minimum Wage
	Ha	₹ 338.00
S. No.	Work	Man Days
	<b>Preliminary Work</b>	
1	Survey and demarcation including fixing of boundary marks at strategic points.	2
2	Jungle clearance, burning, land preparation including hoeing, staking, pit digging, hoeing etc.	24
3	i) Construction of camp but and inspection paths	8
	i) Construction of inspection paths	3
	ii) Procurement of tools and equipments	3
4	Fencing with 3 strand barbed wire and wooden fencing posts including cost of staples, fixing, fitting etc.	64
5	Temporary casual worker engaged to protect the seedlings of Natural Regeneration in the Plantation Site from Forest Fire during Fire Season.	60
	<b>Total Cost in the Preliminary Year</b>	<b>164</b>
	<b>First Year of Plantation</b>	
1	Planting of nursery seedlings including carriage from nursery centres to plantation sites and proper ramming after planting	16
2	3 weedings	45
3	Fire protection during dry and windy season	
	(i) Wages of fire watchers from November of the creation year to April of the following year	7
	(ii) Fire line clearance internal and external fireline including controlled burning	7
	<b>Total Cost in the First Year</b>	<b>75</b>
	<b>Second Year of Plantation</b>	
1	2 weedings @4500.00 p.w.	30
2	Fire Protection	
	(i) Wages of fire watchers	7
	(ii) Fireline clearance including controlled burning	7
3	Vacancy filling in mortality areas	4
	<b>Total Cost in the Second Year</b>	<b>48</b>
	<b>Third Year of Plantation</b>	
1	2 weedings @4500.00 p.w.	30
2	Fire Protection	
	(i) Wages of fire watchers	7
	(ii) Fireline clearance including controlled burning	7
3	Vacancy filling in mortality areas	4
	<b>Total Cost in the Third Year</b>	<b>48</b>
	<b>Fourth Year of Plantation</b>	
1	Wages of fire watchers	7

  
 Divisional Forest Officer  
 East & North West Divisions (T),  
 Wildlife Division.

2	Fireline clearance	7
<b>Total Cost in the Fourth Year</b>		<b>14</b>
<b>Fifth Year of Plantation</b>		
1	Wages of fire watchers	7
2	Fireline clearance and controlled burning	7
3	Cost of singling out operation (silviculture cleaning or decongesting of plantation for providing appropriate spacing from plant to plant)	6
<b>Total Cost in the Fifth year</b>		<b>20</b>
<b>Sixth Year of Plantation</b>		
1	Wages of fire watchers	7
2	Fireline clearance and controlled burning	7
3	Cost of singling out operation (silviculture cleaning or decongesting of plantation for providing appropriate spacing from plant to plant)	6
<b>Total Cost in the Sixth year</b>		<b>20</b>
<b>Seventh Year of Plantation</b>		
1	Wages of fire watchers	7
2	Fireline clearance and controlled burning	7
3	Cost of singling out operation (silviculture cleaning or decongesting of plantation for providing appropriate spacing from plant to plant)	6
<b>Total Cost in the Seventh year</b>		<b>20</b>
<b>Eighth Year of Plantation</b>		
1	Wages of fire watchers	7
2	Fireline clearance and controlled burning	7
3	Cost of singling out operation (silviculture cleaning or decongesting of plantation for providing appropriate spacing from plant to plant)	6
<b>Total Cost in the Eighth year</b>		<b>20</b>
<b>Ninth Year of Plantation</b>		
1	Wages of fire watchers	7
2	Fireline clearance and controlled burning	7
3	Cost of singling out operation (silviculture cleaning or decongesting of plantation for providing appropriate spacing from plant to plant)	6
<b>Total Cost in the Ninth year</b>		<b>20</b>
<b>Tenth Year of Plantation</b>		
1	Wages of fire watchers	7
2	Fireline clearance and controlled burning	7
3	Cost of singling out operation (silviculture cleaning or decongesting of plantation for providing appropriate spacing from plant to plant)	6
<b>Total Cost in the Tenth year</b>		<b>20</b>

*Jessy*  
 Divisional Forest Officer,  
 East & West Gano Mills (T) Division,  
 Waramnagar.

Detailed Estimate for Establishment of <u>Temporary Polypot Nursery</u> for Compensatory Afforestation in Reserve Forest Area	
Min Wages	₹ 338
No of Beds	1
<b>First Year</b>	
Preparation of standard-sized beds (13m x 1.3x 0.30m) for placing the polythene bags.	1.5
Cost of polythene bags (22.5cm x 15mm) in the one bed 4 kgs are required.	7.2
Filling up of manure-mixed earth in polybags including pounding after filling.	9
Fencing all around the Nursery site with goat proof fencing net and wooden posts, erecting, fixing, fitting, etc. complete	1
Cowdung including transportation.	0.6
Seeds	1.4
Sowing including hoeing, mulching etc.	1
Pricking and transplanting of seedlings from germination beds to polybags.	2
Construction of shades for protection of seedlings from frost during winter and direct sunlight in warm areas.	3
Weeding 4 Times	2.6
Watering	1
Miscellaneous cost e.g. Fungicides tools & plants, making of inspection path, fertilizers, chemicals, lime pesticides/insecticides, growth hormones, etc.	0.2
<b>Total (1st Year)</b>	<b>30.5</b>
<b>Second Year</b>	
Weeding 3 Times	1.3
Watering	0.3
<b>Total(2nd Year)</b>	<b>1.6</b>

  
 Divisional Forest Officer,  
 East & North Garo Hills (T) Division,  
 Williamsnagar.