

**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	Second Year - Maintenance	₹ 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

Total Plantation/ Nursery Cost	₹ 35,707
--------------------------------	----------



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 Aforestation in Reserve Forest Area

Area	1	Minimum Wage
S. No.	Ha Work	₹ 338.00 Man Days
	Preliminary Work	
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
	ii) 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
Total Cost in the Preliminary Year		164
First Year of Plantation		
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
Total Cost in the First Year		75
Second Year of Plantation		
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
Total Cost in the Second Year		48
Third Year of Plantation		
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
Total Cost in the Third Year		48
Fourth Year of Plantation		
1	Wages of fire watchers	7

Jessah 100
Divisional Forest Officer
of North Grand Falls (N.G.F.)
Warden.

2	Fireline clearance	7
	Total Cost in the Fourth Year	14
	Fifth Year of Plantation	
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
	Total Cost in the Fifth year	20
	Sixth Year of Plantation	
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
	Total Cost in the Sixth year	20
	Seventh Year of Plantation	
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
	Total Cost in the Seventh year	20
	Eighth Year of Plantation	
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
	Total Cost in the Eighth year	20
	Ninth Year of Plantation	
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
	Total Cost in the Ninth year	20
	Tenth Year of Plantation	
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
	Total Cost in the Tenth year	20


 J. S. Sathish
 Divisional Forest Officer,
 East & North Gavi Hills (T) Division,
 Williamnagar.

Detailed Estimate for Establishment of Temporary Polypot Nursery for Compensatory Afforestation in Reserve Forest Area

Min Wages	₹ 338
No of Beds	1
First Year	
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
Total (1st Year)	30.5
Second Year	
Weeding 3 Times	1.3
Watering	0.3
Total(2nd Year)	1.6

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