

DETAILED COMPENSATORY AFFORESTATION SCHEME

1. Model of afforestation : Artificial Regeneration
2. Species proposed to be Planted : *Mangifera indica*
Bischofia javanica
Michelia champaca
Terminalia myriocarpa
Cedrilla toona
Toona ciliata
Messua ferrea
3. Implementing Agency : Environment, Forests & Climate Change Department, Mizoram
4. Time scheduled : Advanced work and creation of plantation and maintenance upto 8th years

ANALYSIS OF PER HA RATE FOR VARIOUS WORK ITEMS UNDER COMPENSATORY AFFORESTATION TO BE TAKEN UP UNDER FOREST (CONSERVATION) ACT, 1980

(Rs. 380 /- per manday)
ha)

(1100 plants per

Sl.N	Item of work	Manday required (in No.)	Labour Component (in Rs)	Material Component (in Rs)	Cost/Ha (in Rs)
1	2	3	4	5	6
1	Advance works including nursery				
	(a) Survey and demarcation including mapping	3	1,140		1,140
	(b) Area preparation by cutting grasses & shrubs	20	7,600		7,600
	(c) Fire line cutting, burning and maintenance	6	2,280		2,280
	(d) Clearance of site for nursery, preparation of nursery bed, filling of poly-bags, manuring, shed erection	20	7,600		7,600
	(e) Cost of seeds, poly-bags, implements etc	0		1,890	1,890
	(f) Treatment and sowing of seeds	5	1,900		1,900
	(g) Weeding & watering	11	4,180		4,180
	Sub Total	65	24,700	1890	26,590
2	Creation of plantation				
	a) Site preparation, alignment, preparation of stakes, digging of pits, preparation of planting materials, carriage to planting site, planting/sowing, construction of camp shed, inspection path, signboard and other misc. works	25	9,500		9,500
	(b) Weeding 3 times including vacancy filling and watch & ward	67	25,460		25,460

	(c) Fire protection measures like fire line cutting, engagement of fire watchers	3	1,140		1,140
	Sub Total	95	36,100		36,100
3	Maintenance of Plantation				
	(i) Maintenance after 1st year				
	(a) Weeding 3 times + vacancy filling (10+9+5)	24	9,120		9,120
	(b) Fire protection measures	3	1,140		1,140
	Sub Total	27	10,260		10,260
	(ii) Maintenance after 2 years				
	(a) Weeding 2 times (10+5)	15	5,700		5,700
	(b) Fire protection measures	3	1,140		1,140
	Add 25% for anticipated revision of wage rate				1,710
	Sub Total		6,840		8,550
	(iii) Maintenance after 3 years				
	(a) Weeding 2 times (8+5)	13	4,940		4,940
	(b) Fire protection measures	3	1,140		1,140
	Add 25% for anticipated revision of wage rate				1,520
	Sub Total		6,080		7,600
	(iv) Maintenance after 4 years				
	(a) Weeding 2 times (8+5)	13	4,940		4,940
	(b) Fire protection measures	3	1,140		1,140
	Add 50% for anticipated revision of wage rate				3,040
	Sub Total		6,080		9,120
	(v) Maintenance after 5 years				
	(a) Weeding/tending	12	4,560		4,560
	(b) Fire protection measures	2	760		760
	Add 50% for anticipated revision of wage rate				2,660
	Sub Total		5,320		7,980
	(vi) Maintenance after 6 years				
	(a) Weeding/tending	12	4,560		4,560
	(b) Fire protection measures	2	760		760
	Add 75% for anticipated revision of wage rate				3,990
	Sub Total		5,320		9,310
	(vii) Maintenance after 7 years				
	(a) Weeding/tending	10	3,800		3,800
	(b) Fire protection measures	2	760		760
	Add 75% for anticipated revision of wage rate				3,420
	Sub Total		4,560		7,980

(viii) Maintenance after 8 years					
(a) Weeding/tending	10	3,800		3,800	
(b) Fire protection measures	2	760		760	
Add 100% for anticipated revision of wage rate				4,560	
Sub Total		4,560		9,120	
(ix) Maintenance after 9 years					
(a) Weeding/tending	10	3,800		3,800	
(b) Fire protection measures	2	760		760	
Add 100% for anticipated revision of wage rate				4,560	
Sub Total		4,560		9,120	
(x) Maintenance after 10 years					
(a) Weeding/tending	10	3,800		3,800	
(b) Fire protection measures	2	760		760	
Add 100% for anticipated revision of wage rate				4,560	
Sub Total		4,560		9,120	
Total of Plantation Cost	313	118940	1,890	1,50,850	
4	Soil & Moisture Conservation measures including construction of check dams, gully plugging, contour trenching, water harvesting structures etc. whatever necessary within the project area (15% of plantation cost)				22628
5	Fencing (5% of plantation cost)				7543
6	Monitoring & Evaluation (2% of plantation cost)				3017
7	Overheads (10% of plantation cost)				15085
Grand Total :					1,99,123

Cost of CA

(39.81 ha x 1,99,123) = Rs 79,27,086.63 or say Rs. 79,27,090/-

(Rupees seventy nine lakh twenty seven thousand and ninety only)



(C. LALTHANKIMA)
Divisional Forest Officer
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(PC LALCHHANDAMA)
Divisional Forest Officer
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C/signed
[Signature]
20/6/22
R.S. SINHA
APCCF & NO (FC)