

DETAILED COMPENSATORY AFFORESTATION SCHEME

1. Model of afforestation : Artificial Regeneration
2. Species proposed to be Planted : *Tectona grandis*
Michelia champaca
Terminalia myriocarpa
Cedrella toona
Ligustrum robustum
3. Implementing Agency : Environment, Forests & Climate Change Department, Mizoram
4. Time scheduled : Advanced work and creation of plantation in the 1st year 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)

(1100 plants per ha)

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	1140		1140
	(b) Area preparation by cutting grasses & shrubs	20	7600		7600
	(c) Fire line cutting, burning and maintenance	6	2280		2280
	(d) Clearance of site for nursery, preparation of nursery bed, filling of poly-bags, manuring, shed erection	20	7600		7600
	(e) Cost of seeds, poly-bags, implements etc	0		1890	1890
	(f) Treatment and sowing of seeds	5	1900		1900
	(g) Weeding & watering	11	4180		4180
	Sub Total	65	24700	1890	26590
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	9500		9500
	(b) Weeding 3 times including vacancy filling and watch & ward	67	25460		25460
	(c) Fire protection measures like fire line cutting, engagement of fire watchers	3	1140		1140
	Sub Total	95	36100		36100


3	Maintenance of Plantation				
	(i) Maintenance after 1st year				
	(a) Weeding 3 times + vacancy filling (10+9+5)	24	9120		9120
	(b) Fire protection measures	3	1140		1140
	Sub Total	27	10260		10260
	(ii) Maintenance after 2 years				
	(a) Weeding 2 times (10+5)	15	5700		5700
	(b) Fire protection measures	3	1140		1140
	Add 25% for anticipated revision of wage rate				1710
	Sub Total		6840		8550
	(iii) Maintenance after 3 years				
	(a) Weeding 2 times (8+5)	13	4940		4940
	(b) Fire protection measures	3	1140		1140
	Add 25% for anticipated revision of wage rate				1520
	Sub Total				7600
	(iv) Maintenance after 4 years				
	(a) Weeding 2 times (8+5)	13	4940		4940
	(b) Fire protection measures	3	1140		1140
	Add 50% for anticipated revision of wage rate				3040
	Sub Total				9120
	(v) Maintenance after 5 years				
	(a) Weeding/tending	12	4560		4560
	(b) Fire protection measures	2	760		760
	Add 50% for anticipated revision of wage rate				2660
	Sub Total				7980
	(vi) Maintenance after 6 years				
	(a) Weeding/tending	12	4560		4560
	(b) Fire protection measures	2	760		760
	Add 75% for anticipated revision of wage rate				3990
	Sub Total				9310
	(vii) Maintenance after 7 years				
	(a) Weeding/tending	10	3800		3800
	(b) Fire protection measures	2	760		760
	Add 75% for anticipated revision of wage rate				3420
	Sub Total				7980
	(viii) Maintenance after 8 years				
	(a) Weeding/tending	10	3800		3800
	(b) Fire protection measures	2	760		760
	Add 100% for anticipated revision of wage rate				4560
	Sub Total				9120
	Total of Plantation Cost	289		1890	132610

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)				19892
5	Fencing (5% of plantation cost)				6631
6	Monitoring & Evaluation (2% of plantation cost)				2652
7	Overheads (10% of plantation cost)				13261
Grand Total :					175046

Resultant cost of CA for 64.25ha = Rs. 1,12,46,706/-

(Rupees One Crore Twelve Lakh Forty Six Thousand Seven hundred Six) only

Prepared by



(JENNY SAILO)

Divisional Forest Officer,
Mamit Forest Division