

DETAILED COMPENSATORY AFFORESTATION SCHEME

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| 1 Model of afforestation | : | Artificial Regeneration |
| 2 Species proposed to be planted | : | <i>Mangifera indica</i>
<i>Blischofia javanica</i>
<i>Michelia champaca</i>
<i>Terminalia myriocarpa</i>
<i>Cedrilla toona</i>
<i>Toona Ciliata</i> |
| 3 Implementing Agency | : | Environment, Forests & Climate Change Department, Mizoram |
| 4 Time scheduled | : | Advanced work and creation of plantation and maintenance upto 10th year. |

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)

S.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	7
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	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 material, carriage of planting material, 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	0	10260

S.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	7
		(ii) Maintenance after 2 years				
	(a)	Weeding 2 times (10+5)	15	5700		5700
	(b)	Fire protection measures	3	1140		1140
	(c)	Add 25% of 3(ii) column 5 total labour component for anticipated revision of wage rate				1710
		Sub Total :	18	6840	0	8550
		(iii) Maintenance after 3 years				
	(a)	Weeding 2 times (8+5)	13	4940		4940
	(b)	Fire protection measures	3	1140		1140
	(c)	Add 25% of 3(iii) column 5 total labour component for anticipated revision of wage rate				1520
		Sub Total :	16	6080	0	7600
		(iv) Maintenance after 4 years				
	(a)	Weeding 2 times (8+5)	13	4940		4940
	(b)	Fire protection measures	3	1140		1140
	(c)	Add 50% of 3(iv) column 5 total labour component for anticipated revision of wage rate				3040
		Sub Total :	16	6080	0	9120
		(v) Maintenance after 5 years				
	(a)	(a) Weeding / tending	12	4560		4560
	(b)	(b) Fire protection measures	2	760		760
	(c)	Add 50% of 3(v) column 5 total labour component for anticipated revision of wage rate				2660
		Sub Total :	14	5320	0	7980
		(vi) Maintenance after 6 years				
	(a)	Weeding / tending	12	4560		4560
	(b)	Fire protection measures	2	760		760
	(c)	Add 75% of 3(vi) column 5 total labour component for anticipated revision of wage rate				3990
		Sub Total :	14	5320	0	9310
		(vii) Maintenance after 7 years				
	(a)	Weeding / tending	10	3800		3800
	(b)	Fire protection measures	2	760		760
	(c)	Add 75% of 3(vii) column 5 total labour component for anticipated revision of wage rate				3420
		Sub Total :	12	4560	0	7980
		(viii) Maintenance after 8 years				
	(a)	(a) Weeding / tending	10	3800		3800
	(b)	(b) Fire protection measures	2	760		760

S.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	7
	(c)	Add 100% of 3(viii) column 5 total labour component for anticipated revision of wage rate				4560
		Sub Total :	12	4560	0	9120
		(ix) Maintenance after 9 years				
	(a)	Weeding / tending	8	3040		3040
	(b)	Fire protection measures	2	760		760
	(c)	Add 100% of 3(ix) column 5 total labour component for anticipated revision of wage rate				3800
		Sub Total :	10	3800	0	7600
		(x) Maintenance after 10 years				
	(a)	(a) Weeding / tending	8	3040		3040
	(b)	(b) Fire protection measures	2	760		760
	(c)	Add 100% of 3(x) column 5 total labour component for anticipated revision of wage rate				3800
		Sub Total :	10	3800	0	7600
		Total of Plantation Cost	309	117420	1890	147810
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)				22171
5		Fencing (5% of plantation cost)				7390
6		Monitoring & Evaluation (2% of plantation cost)				2956
7		Overheads (10% of plantation cost)				14781
		GRAND TOTAL				195108

Cost of CA for

(0.24ha x Rs 195108) = Rs 46,825.92 /- or say Rs. 46,826.00/-

(Rupees forty-six thousand eight hundred twenty-six only)


(JENNY SAILO)
 Divisional Forest Officer
 Mamit Forest Division