

## DETAILED COMPENSATORY AFFORESTATION SCHEME

- |                                  |   |   |
|----------------------------------|---|---|
| 1 Model of afforestation         | : | Artificial Regeneration   |
| 2 Species proposed to be planted | : | <i>Mangifera indica</i><br><i>Bischofia javanica</i><br><i>Michelia champaca</i><br><i>Terminalia myriocarpa</i><br><i>Cedrella toona</i><br><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		<b>Advance works including nursery</b>				
	(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
		<b>Sub Total :</b>	<b>65</b>	<b>24700</b>	<b>1890</b>	<b>26590</b>
2		<b>Creation of Plantation</b>				
	(a)	Site preparation, alignment, preparation of stakes, digging of pits, preparation of planting material, carriage of planting material, 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
		<b>Sub Total :</b>	<b>95</b>	<b>36100</b>		<b>36100</b>
3		<b>Maintenance of Plantation</b>				
	(i)	<b>Maintenance after 1st Year</b>				
	(a)	Weeding 3 times + vacancy filling (10+9+5)	24	9120		9120
	(b)	Fire protection measures	3	1140		1140
		<b>Sub Total :</b>	<b>27</b>	<b>10260</b>	<b>0</b>	<b>10260</b>

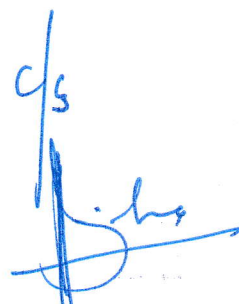


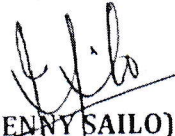
S.N		Item of work	Manday required (in No.)	Labour Component (in Rs.)	Material Component (in Rs.)	Cost/Ha (in Rs.)
1	2	3	4	5	6	7
		<b>(ii) Maintenance after 2 years</b>				
	(a)	Weeding 2 times (10+5)	15	5700		5700
	(b)	Fire protection measures	3	1140		1140
	(c)	Add 25% of 3(ii) column 5 total labour component for anticipated revision of wage rate				1710
		<b>Sub Total :</b>	<b>18</b>	<b>6840</b>	<b>0</b>	<b>8550</b>
		<b>(iii) Maintenance after 3 years</b>				
	(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
		<b>Sub Total :</b>	<b>16</b>	<b>6080</b>	<b>0</b>	<b>7600</b>
		<b>(iv) Maintenance after 4 years</b>				
	(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
		<b>Sub Total :</b>	<b>16</b>	<b>6080</b>	<b>0</b>	<b>9120</b>
		<b>(v) Maintenance after 5 years</b>				
	(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
		<b>Sub Total :</b>	<b>14</b>	<b>5320</b>	<b>0</b>	<b>7980</b>
		<b>(vi) Maintenance after 6 years</b>				
	(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
		<b>Sub Total :</b>	<b>14</b>	<b>5320</b>	<b>0</b>	<b>9310</b>
		<b>(vii) Maintenance after 7 years</b>				
	(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
		<b>Sub Total :</b>	<b>12</b>	<b>4560</b>	<b>0</b>	<b>7980</b>
		<b>(viii) Maintenance after 8 years</b>				
	(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
		<b>Sub Total :</b>	<b>12</b>	<b>4560</b>	<b>0</b>	<b>9120</b>
		<b>(ix) Maintenance after 9 years</b>				<b>3040</b>
	(a)	Weeding / tending	8	3040		760
	(b)	Fire protection measures	2	760		
	(c)	Add 100% of 3(ix) column 5 total labour component for anticipated revision of wage rate				3800
		<b>Sub Total :</b>	<b>10</b>	<b>3800</b>	<b>0</b>	<b>7600</b>
		<b>(x) Maintenance after 10 years</b>				<b>3040</b>
	(a)	(a) Weeding / tending	8	3040		760
	(b)	(b) Fire protection measures	2	760		
	(c)	Add 100% of 3(x) column 5 total labour component for anticipated revision of wage rate				3800
		<b>Sub Total :</b>	<b>10</b>	<b>3800</b>	<b>0</b>	<b>7600</b>
		<b>Total of Plantation Cost</b>	<b>309</b>	<b>117420</b>	<b>1890</b>	<b>147810</b>
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
		<b>GRAND TOTAL</b>				<b>195108</b>

Cost of CA for  
 $(34.7604 \text{ ha} \times \text{Rs } 195108) = \text{Rs } 67,82,032.12 \text{ /- or say Rs. } 67,82,032 \text{ /-}$

(Rupees Sixty seven lakhs eighty two thousand and thirty two only)

*ds*  
  
**R.S. SINHA, IFS**  
**APCCF & NODAL OFFICER (FC)**

  
**(JENNY SAILO)**  
 Divisional Forest Officer  
 Mamit Forest Division