

## DETAILED COMPENSATORY AFFORESTATION SCHEME

Implementing Agency : Environment, Forests & Climate Change  
Department, Mizoram

### 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	<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		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 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
	<b>Sub Total</b>	<b>95</b>	<b>36100</b>		<b>36100</b>



3	<b>Maintenance of Plantation</b>			
	<b>(i) 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>10260</b>
	<b>(ii) Maintenance after 2 years</b>			
	(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
	<b>Sub Total</b>	<b>18</b>	<b>6840</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
	Add 25% for anticipated revision of wage rate			1520
	<b>Sub Total</b>	<b>16</b>	<b>6080</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
	Add 50% for anticipated revision of wage rate			3040
	<b>Sub Total</b>	<b>16</b>	<b>6080</b>	<b>9120</b>
	<b>(v) Maintenance after 5 years</b>			
	(a) Weeding/tending	12	4560	4560
	(b) Fire protection measures	2	760	760
	Add 50% for anticipated revision of wage rate			2660
	<b>Sub Total</b>	<b>14</b>	<b>5320</b>	<b>7980</b>
	<b>(vi) Maintenance after 6 years</b>			
	(a) Weeding/tending	12	4560	4560
	(b) Fire protection measures	2	760	760
	Add 75% for anticipated revision of wage rate			3990
	<b>Sub Total</b>	<b>14</b>	<b>5320</b>	<b>9310</b>
	<b>(vii) Maintenance after 7 years</b>			
	(a) Weeding/tending	10	3800	3800
	(b) Fire protection measures	2	760	760

	Add 75% for anticipated revision of wage rate				3420
	<b>Sub Total</b>	<b>12</b>	<b>4560</b>		<b>7980</b>
	<b>(viii) Maintenance after 8 years</b>				
	(a) Weeding/tending	10	3800		3800
	(b) Fire protection measures	2	760		760
	Add 100% for anticipated revision of wage rate				4560
	<b>Sub Total</b>	<b>12</b>	<b>4560</b>		<b>9120</b>
	<b>Total of Plantation Cost</b>	<b>289</b>	<b>49020</b>	<b>1890</b>	<b>132610</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)				19892
5	Fencing (5% of plantation cost)				6631
6	Monitoring & Evaluation (2% of plantation cost)				2652
7	Overheads (10% of plantation cost)				13261
	<b>Grand Total :</b>				<b>175046</b>

**Resultant cost of CA for 8.6 ha = Rs. 15,05,396/-**  
 (Rupees fifteen lakhs five thousand three hundred ninety six only)

Prepared by



**(LALNUNZIRA)**

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