

**DETAILED COMPENSATORY AFFORSTATION SCHEME FOR
TUIVAI-KEIFANG NH-102B**

1. Implementing Agency : Environment, Forest & Climate Change Department
Aizawl Forest Division
2. Time Schedule : 12 years programme advance works, creation of plantation
and maintenance of plantation for subsequent ten years.


Analysis per hectare 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)

SI no	Items of work	Mandays require	Labour component	material component	Cost/Ha in Rs.
1	2	3	4	5	6
1	Advance works including nursery				
	a)Survey & Demarcation including mapping	3	1140		1140
	b) Area preparation by cutting grasses and scrubs	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 erectionting, burning and maintenance	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 and 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 mterials,carriage to plantingsite, 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 lie 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	18	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	16	6080		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	16	6080		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	14	5320		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	14	5320		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	12	4560		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	12	4560		9120
	(ix)Maintenance after 9 years				
	a) weeding/tending	8	3040		3040
	b) Fire protection measures	2	760		760
	Add 100% for anticipated revision of wage rate				3800
	Sub Total	10	3800		7600
	(x)Maintenance after 10 years				
	a) weeding/tending	8	3040		3040
	b) Fire protection measures	2	760		760
	Add 100% for anticipated revision of wage rate				3800
	Sub Total	10	3800		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 plantatin cost)				7390
6	Monitoring &Evaluation(2% of plantation cost)				2956
7	Overheads (10% of plantation cost)				14781
	Grand Total				195108
	For 5.99 Ha of land		195108 X 5.99		11,68,697


 Divisional Forest Officer
 Aizawl Forest Division
 Aizawl, Mizoram