

**ANALYSIS OF PER HA RATE FOR VARIOUS WORK ITEMS UNDER
COMPENSATORY AFFORESTATION TO BE TAKEN UP UNDER FOREST
(CONSERVATION) ACT, 1980**

Rs 270/- per manday

(1100 plants per ha)

S. N	Items 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	810		810
	b) Area preparation by cutting grasses & shrubs	20	5400		5400
	c) Fire line cutting, burning and maintenance	6	1620		1620
	d) Clearance of site for nursery, preparation of nursery bed, filling of poly bags manuring shed erection.	20	5400		5400
	e) Cost of seeds, poly-bags, implements etc.	0	0	1820	1820
	f) Treatment and sowing of seeds	5	1350		1350
	g) Weeding & watering	11	2970		2970
	Sub Total	65	17550	1820	19370
2	Creation of Plantation				
	a) Site preparation, alignment preparation of stakes, digging of pits, preparation of planting materials, carriage to planting site sowing, construction of camp shed, inspection path, signboard and other misc. works	25	6570		6570
	b) Weeding 3 times including vacancy filling and watch & ward	67	18090		18090
	c) Fire protection measures like fire line cutting engagement of fire watches	3	810		810
	Sub Total	95	25650	0	25650
3	Maintenance of Plantation				
	i) Maintenance after 1st year				
	a) Weeding 3 times – vacancy filling	24	6480		6480
	b) Fire protection measures	3	810		810
	Sub Total	27	7290	0	7290

	ii) Maintenance after 2nd years				
	a) Weeding 2 times (10-15)	15	4050		4050
	b) Fire protection measures	3	810		810
	Add 25% anticipated revision of wage rate				1215
	Sub Total	18	4860	0	6075
	iii) Maintenance after 3years				
	a) Weeding 2 times (6-5)	13	3510		3510
	b) Fire protection measures	3	810		810
	Add 25% anticipated revision of wage rate				1080
	Sub Total	16	4320	0	5400
	iv) Maintenance after 4 years				
	a) Weeding 2 times (8-5)	13	3510		3510
	b) Fire protection measures	3	810		810
	Add 25% anticipated revision of wage rate				2160
	Sub Total	16	4320	0	6840
	v) Maintenance after 5 years				
	a) Weeding/ tending	12	3240		3240
	b) Fire protection measures	2	540		540
	Add 50% anticipated revision of wage rate				1890
	Sub Total	14	3780	0	5670
	vi) Maintenance after 6 years				
	a) Weeding/tending	12	3240		3240
	b) Fire protection measures	2	540		540
	Add 75% anticipated revision of wage rate				2835
	Sub Total	14	3780	0	6615
	vii) Maintenance after 7 years				
	a) Weeding/ tending	10	2700		2700
	b) Fire protection measures	2	540		540
	Add 75% anticipated revision of wage rate				2430
	Sub Total	12	3240	0	5670
	vii) Maintenance after 8 years				
	a) Weeding/ tending	10	2700		2700
	b) Fire protection measures	2	540		540
	Add 100% anticipated revision of wage rate				3240
	Sub Total	12	3240	0	6480
	Total of Plantation Cost				94770
4	Soil & Moisture Conservation measures including constructions of check dams, gully plugging, contour trenching, water harvesting structures etc. whatever necessary within the project area (15% of)				14205
5	Fencing (5 % of plantation cost)				4738
6	Monitoring & Evaluation (2% of plantation)				1890
7	Overheads (10% of plantation cost)				9470
	Grand Total				125000