

DETAILED COMPENSATORY AFFORESTATION SCHEME FOR TLAWNG HNAR RECHARGING DAM (Proposal No. FP/MZ/WATER/157375/2022)

1. Model of afforestation : Artificial Regeneration
2. Species proposed to be : *Bischofia javanica*
Cerasus cerasoides
Terminalia myriocarpa
Cephalotaxus griffithii
3. Implementing Agency : Environment, Forests & Climate Change
Department, Mizoram
4. Time schedules : Advanced work and creation plantation and
Maintenance upto 10th years

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. No	Item of work	Manday required (in No.)	Labour component (in Rs)	Material Component (in Rs)	Cost/Ha (in Rs)
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.	-	-	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 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
	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	6000	-	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	6000	-	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				
				9120

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
(x) Maintenance after 10 years				9120
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
Total of Plantation Cost	313	118940	1890	150850

4.	Soil & Moisture Conservation measures including construction of check dams, gully plugging, contour trenching, water harvesting structures etc. whatever necessary within the project are (15% of plantation cost)	-	-	-	22628
5.	Fencing (5% of plantation cost)	-	-	-	7543
6.	Monitoring & Evaluation (2% of plantation cost)	-	-	-	3017
7.	Overheads (10% of plantation cost)	-	-	-	15085
	Grand Total	-	-	-	199123

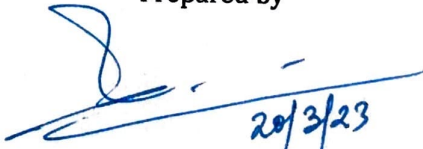
COST OF CA FOR TLAWNG HNAR RECHARGING DAM (0.2176 Ha - Twice the proposed area for diversion)

(0.2176 Ha x 199123) = Rs 43,329.16

Say = Rs 43,330.00

(Rupees forty three thousand three hundred and thirty) only

Prepared by


20/3/23

(PC LALCHHANDAMA)
Divisional Forest Officer
Lunglei Forest Division

20th March, 2023