

ANNEXURE - III

DETAILED COMPENSATORY AFFORESTATION SCHEME

1. Model of afforestation : Artificial Regeneration
2. Species proposed to be planted : Terminalia myriocarpa (Hollock)
Prunus cerasoides (Cherry)
3. Implementing Agency : Department of Environment, Forests & Climate Change, Nagaland
4. Time scheduled : Advanced work and creation of plantation and maintenance upto 8 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	2	3	4	5	6
1	Advance works including nursery				
	(a) Survey & 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
	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 gap filling and water & 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>(i) Maintenance after 1st year</i>				
	(a) Weeding 3 times + gap filling (10+9+5)	24	9120		9120
	(b) Fire protection measures	3	1140		1140
	<i>Sub-Total</i>	27	9120		9120
	<i>(ii) Maintenance after 2 years</i>				
	(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
	<i>Sub-Total</i>		6840		8550
	<i>(iii) Maintenance after 3 years</i>				
	(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
	<i>Sub-Total</i>				7600
	<i>(iv) Maintenance after 4 years</i>				
	(c) Weeding 2 times (8+5)	13	4940		4940
	(d) Fire protection measures	3	1140		1140
	Add 50% for anticipated revision of wage rate				3040
	<i>Sub-Total</i>				9120
	<i>(v) Maintenance after 5 years</i>				
	(e) Weeding /tending	12	4560		4560
	(f) Fire protection measures	2	760		760
	Add 50% for anticipated revision of wage rate				2660
	<i>Sub-Total</i>				7980
	<i>(vi) Maintenance after 6 years</i>				
	(g) Weeding /tending	12	4560		4560
(h) Fire protection measures	2	760		760	
Add 75% for anticipated revision of wage rate				3990	
<i>Sub-Total</i>				9310	

	(vii) Maintenance after 7 years				
	(i) Weeding /tending	10	3800		3800
	(j) Fire protection measures	2	760		760
	Add 75% for anticipated revision of wage rate				3420
	Sub-Total				7980
	(viii) Maintenance after 8 years				
	(k) Weeding /tending	10	3800		3800
	(l) Fire protection measures	2	760		760
	Add 100% for anticipated revision of wage rate				4560
	Sub-Total				9120
	Total of Plantation Cost	289		1890	132610
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
	Grand Total				175046

Resultant cost of CA for widening of NH29A (package-I) – Deem Forest area

(0.90 x 175046) = Rs. 1,57,541/-

(Rupees One lakh fifty seven thousand five hundred forty one) only

Prepared by



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Divisional Forest Officer

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