

**COMPENSATORY AFFORESTATION SCHEME
FOR ASOLAMENDHA RENOVATION PROJECT**

Model No. 5

Model No. 3											
Division: Yavatmal				Total Area (Ha.):		315.74					
Range:				Spacing - 3.00m x 3.00m							
Village: Dhaba and Patur				Size of pits - 0.45 x 0.45 x 0.45 m							
				No. of seedlings -		1111 per ha. + 100 Plants N.R. Works					
				Wages (Rs.):		393.14					
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Sr. No.	Particulars of works	Expenditure per ha.			Expenditure for 315.74 ha.				
		Man days	Wages	Material supply	Total (Rs. Per Ha.)	Man days	Wages	Material supply	Total (Rs. Per Ha.)
B. First Year Operation									
1	Part nursery cost for maintenance of 1333seedling per HA. Rs.2.64 per seedling (wages Rs. 2.69 & M.S. Rs. 0.81)	14.80	5844.08	1193.75	7037.82	4672.95	1845208.56	376914.21	2222122.76
2	Refilling of pits with good quality soil including application of single super phosphate. (1.66 MD per100 pits)	18.44	7281.40	2176.84	9458.24	5822.25	2299030.12	687314.14	2986344.26
3	Transporting of 1333 seedlings from nursery to plantation site including loading & unloading(0.14 MD per 100 plants and M.S. Rs. 1.82 per seedling).	1.87	738.41	2738.60	3477.01	590.43	233144.59	864685.53	1097830.12
4	Planting of 1111 seedlings (1 MD per 100 seedlings)	11.11	4387.01	0.00	4387.01	3507.87	1385153.18	0.00	1385153.18
5	3seedling (1Rmt circular) and 2 soil working (4.00 M.D. per 100seedling) fertilizer application Rs.0.82 per seedling.	44.44	17548.02	983.09	18531.11	14031.49	5540612.72	310399.93	5851012.65
6	Watering 1111 seedling Novemer and Decemer 1time each, January to march 2 time each per seedling 5 litre water,purchase of 1111plastic can of 5 litre/ matka @ 25/- each and100 litre capacity 11 drums @400/- each for supplying water and water	59.25	23396.05	62004.71	85400.76	18707.60	7387068.04	19577367.24	26964435.28
6	Casualty replacement (20% 222 seedling per ha) (2 M.D per 100 seedlings)	4.44	1753.22	0.00	1753.22	1401.89	553562.57	0.00	553562.57
7	Part nursery cost forcasualty replacement in SYO (222 seedling per ha.)X wages Rs. 11.90 and M.S. 3.62 total Rs.12.55 perseedling)	7.77	3068.14	912.87	3981.01	2453.30	968734.49	288228.51	1256963.00
8	Watch and ward (9months-1watcher per 10 ha.)	27.38	10811.54	0.00	10811.54	8644.96	3413635.83	0.00	3413635.83
9	Soil working for natural grower plants and singling(1.15 MD per 100 plants).	1.15	454.10	211.00	665.10	363.10	143377.69	66621.14	209998.83
10	Fire tracing	2.00	789.74	0.00	789.74	631.48	249352.51	0.00	249352.51
	Total	192.65	76071.87	70220.85	146292.72	60827.31	24018880.29	22171530.70	46190410.99
	Contingency 3%			4719.12	4719.12			1490014.95	1490014.95
	Labour Welfare 4%			6292.16	6292.16			1986686.60	1986686.60
	Grand Total	192.65	76071.87	81232.13	157304.00	60827.31	24268232.80	25648232.24	49667112.54
C. Second Year Operation									
1	Part nursery cost for seedlings for casualty replacement (222 seedlings per ha) labour rate @ Rs.3.77 and MS Rs.1.82 per seedlings.	2.46	962.38	435.72	1398.09	776.72	303860.79	137573.19	441433.98
2	Transporting of 222 seedlings for casualty replacement from nursery to plantation site including loading & unloading(0.14 MD per 100 plants and M.S. Rs. 1.82 per seedling).	0.31	121.28	479.29	600.56	97.88	38291.40	151330.51	189621.91
3	Planting for casualty replacement 222 seedlings (2.00MD per 100 seedlings.)	4.44	1736.97	0.00	1736.97	1401.89	548431.67	0.00	548431.67
4	2 seedlings and 1 soil working with fertilizers application 2.5 MD per 100 seedlings and MS Rs. 0.82 per seedling	27.77	10863.90	1045.72	11909.62	8768.10	3430168.32	330175.66	3760343.98
5	Watering 1111 seedling Novemer and Decemer 1time each, January to march 2 time each per seedling 5 litre water,purchase of 1111plastic can of 5 litre/ matka @ 25/- each and100 litre capacity 11 drums @400/- each for supplying water and water supply @0.05/-per litre and wages for watering 1MD for 150 seedlings.	88.88	34770.74	41610.94	76381.69	28062.97	10978514.96	13138239.73	24116754.69
6	Watch and ward 12 months-1watcher per 10 ha.	36.50	14279.17	0.00	14279.17	11524.51	4508503.56	0.00	4508503.56
7	Fire tracing	2.00	782.42	0.00	782.42	631.48	247041.29	0.00	247041.29
	Total	162.36	63516.86	43571.67	107088.53	51263.55	20054811.99	13757319.09	33812131.07
	Contingency 3%			3454.50	3454.50			1090723.83	1090723.83
	Labour Welfare 4%			4607.00	4607.00			1454614.18	1454614.18
	Grand Total	162.36	63516.86	51633.17	115150.03	51263.55	20054811.99	16302657.10	36357469.08

Sr. No.	Particulars of works	Expenditure per ha.			Expenditure for 315.74 ha.				
		Man days	Wages	Material supply	Total (Rs. Per Ha.)	Man days	Wages	Material supply	Total (Rs. Per Ha.)
D. Third Year Operations									
1	1 seedlings and 1 soil working (1.5 MD per 100 seedlings) applying fertilizers @ Rs. 0.82 per plant	16.67	6521.30	1049.45	7570.75	5263.39	2059036.52	331353.34	2390389.87
2	Watering 556 seedling Novemer, Decemer January and June 1 time each per and February to May 2 time each total 12 times per seedling 5 litre water supply @0.50/-per litre and watering 150 seedlings per M.D.	44.48	17400.58	19214.55	36615.13	14044.12	5494057.87	6066802.02	11560859.88
3	Watch and ward 12 months-lwatcher per 10 ha.	36.50	14278.80	0.00	14278.80	11524.51	4508388.31	0.00	4508388.31
4	Counting of survival percentage Grid wise and Specieswise aand to Note the same on Register in May and October	2.00	782.40	28.81	811.21	631.48	247034.98	9096.47	256131.45
5	Fire tracing	2.00	782.40	0.00	782.40	631.48	247034.98	0.00	247034.98
	Total	101.65	39766.96	20292.81	60059.77	32094.97	12556020.58	6407251.83	18963272.41
	Contingency 3%			1937.41	1937.41			611718.46	611718.46
	Labour Welfare 4%			2583.22	2583.22			815499.00	815499.00
	Grand Total	101.65	39766.96	24813.44	64580.40	32094.97	12556020.58	7834469.29	20390489.88
E. Fourth Year Operations									
1	Watch and ward 12 months-lwatcher per 10 ha.	36.50	14279.53	0.00	14279.53	11524.51	4508618.80	0.00	4508618.80
2	Counting of survival percentage Grid wise and Specieswise aand to Note the same on Register in May and October	2.00	782.44	0.00	782.44	631.48	247047.61	0.00	247047.61
3	Fire tracing	2.00	782.44	28.80	811.24	631.48	247047.61	9093.31	256140.92
	Total	40.50	15844.44	28.80	15873.24	12787.47	5002723.49	9093.31	5011816.80
	Contingency 3%			512.04	512.04			161671.51	161671.51
	Labour Welfare 4%			682.72	682.72			215562.01	215562.01
	Grand Total	40.50	15844.44	1223.56	17068.00	12787.47	5002723.49	386326.83	5389050.32
F. Fifth Year Operations									
1	Watch and ward 12 months-lwatcher per 10 ha.	36.50	14279.53	0.00	14279.53	11524.51	4508618.80	0.00	4508618.80
2	Counting of survival percentage Grid wise and Specieswise aand to Note the same on Register in May and October	2.00	782.44	0.00	782.44	631.48	247047.61	0.00	247047.61
3	Fire tracing	2.00	782.44	28.80	811.24	631.48	247047.61	9093.31	256140.92
	Total	40.50	15844.44	28.80	15873.24	12787.47	5002723.49	9093.31	5011816.80
	Contingency 3%			512.04	512.04			161671.51	161671.51
	Labour Welfare 4%			682.72	682.72			215562.01	215562.01
	Grand Total	40.50	15844.44	1223.56	17068.00	12787.47	5002723.49	386326.83	5389050.32
G. Sixth Year Operations.									
1	Watch and ward 12 months-lwatcher per 10 ha.	36.50	14279.53	0.00	14279.53	11524.51	4508618.80	0.00	4508618.80
2	Counting of survival percentage Grid wise and Specieswise aand to Note the same on Register in May and October	2.00	782.44	0.00	782.44	631.48	247047.61	0.00	247047.61
3	Fire tracing	2.00	782.44	28.80	811.24	631.48	247047.61	9093.31	256140.92
	Total	40.50	15844.44	28.80	15873.24	12787.47	5002723.49	9093.31	5011816.80
	Contingency 3%			512.04	512.04			161671.51	161671.51
	Labour Welfare 4%			682.72	682.72			215562.01	215562.01
	Grand Total	40.50	15844.44	1223.56	17068.00	12787.47	5002723.49	386326.83	5389050.32
H. Seventh Year Operations									
1	Watch and ward 12 months-lwatcher per 10 ha.	36.50	14279.53	0.00	14279.53	11524.51	4508618.80	0.00	4508618.80
2	Counting of survival percentage Grid wise and Specieswise aand to Note the same on Register in May and October	2.00	782.44	0.00	782.44	631.48	247047.61	0.00	247047.61
3	Fire tracing	2.00	782.44	28.80	811.24	631.48	247047.61	9093.31	256140.92
	Total	40.50	15844.44	28.80	15873.24	12787.47	5002723.49	9093.31	5011816.80
	Contingency 3%			512.04	512.04			161671.51	161671.51
	Labour Welfare 4%			682.72	682.72			215562.01	215562.01
	Grand Total	40.50	15844.44	1223.56	17068.00	12787.47	5002723.49	386326.83	5389050.32

Sub-Division No.1, Saoli

		Expenditure per ha.			Expenditure for 315.74 ha.		
	an	Wages	Material	Total (Rs. Per Ha.)	Man days	Wages	Total (Rs. Per Ha.)
	days		supply				
I. Eighth Year Operations							
1	Watch and ward 12 months-I watcher per 10 ha.	36.50	14279.53	0.00	14279.53	11524.51	4508618.80
2	Counting of survival percentage Grid wise and Specieswise and to Note the same on Register in May and October	2.00	782.44	0.00	782.44	631.48	247047.61
3	Fire tracing	2.00	782.44	28.80	811.24	631.48	247047.61
	Total	40.50	15844.44	28.80	15873.24	12787.47	5002723.49
	Contingency 3%			512.04	512.04		161671.51
	Labour Welfare 4%			682.72	682.72		215562.01
	Grand Total	40.50	15844.44	1223.56	17068.00	12787.47	5389050.32
J. Ninth Year Operations							
1	Watch and ward 12 months-I watcher per 10 ha.	36.50	14279.53	0.00	14279.53	11524.51	4508618.80
2	Counting of survival percentage Grid wise and Specieswise and to Note the same on Register in May and October	2.00	782.44	0.00	782.44	631.48	247047.61
3	Fire tracing	2.00	782.44	28.80	811.24	631.48	247047.61
	Total	40.50	15844.44	28.80	15873.24	12787.47	5002723.49
	Contingency 3%			512.04	512.04		161671.51
	Labour Welfare 4%			682.72	682.72		215562.01
	Grand Total	40.50	15844.44	1223.56	17068.00	12787.47	5389050.32
K. Tenth Year Operations							
1	Watch and ward 12 months-I watcher per 10 ha.	36.50	14279.53	0.00	14279.53	11524.51	4508618.80
2	Counting of survival percentage Grid wise and Specieswise and to Note the same on Register in May and October	2.00	782.44	0.00	782.44	631.48	247047.61
3	Fire tracing	2.00	782.44	28.80	811.24	631.48	247047.61
	Total	40.50	15844.44	28.80	15873.24	12787.47	5002723.49
	Contingency 3%			512.04	512.04		161671.51
	Labour Welfare 4%			682.72	682.72		215562.01
	Grand Total	40.50	15844.44	1223.56	17068.00	12787.47	5389050.32

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Assistant Engineer Gr-I,
Asolamendha Project Renovation
Sub-Division No.1, Saoli

ABSTRACT

Sr. No.	Particulars.	Expenditure per ha.				Expenditure for 315.74 ha.			
		Man days	Wages	Material supply	Total (Rs. Per Ha.)	Man days	Wages	Material supply	Total (Rs.)
1	Pre Monsoon Works	168.07	66043.11	244003.89	310047.00	53066.42	20852450.45	77041788.90	97894239.35
2	First Year Operation	192.65	76071.87	81232.13	157304.00	60827.31	24268232.80	25648232.24	49667112.54
3	Second Year Operation	162.36	63516.83	51633.17	115150.00	51263.55	20054804.85	16302657.10	36357461.95
4	Third Year Operation	101.65	39766.96	24813.04	64580.00	32094.97	12556020.58	7834503.16	20390523.74
5	Fourth Year Operation	40.50	15844.44	1223.56	17068.00	12787.47	5002723.49	386326.83	5389050.32
6	Fifth Year Operation	40.50	15844.44	1223.56	17068.00	12787.47	5002723.49	386326.83	5389050.32
7	Sixth Year Operation	40.50	15843.50	1223.50	17067.00	12787.47	5002426.69	386326.83	5388753.52
8	Seventh Year Operation	40.50	15844.44	1223.56	17068.00	12787.47	5002723.49	386326.83	5389050.32
9	Eighth Year Operation	40.50	15844.44	1223.56	17068.00	12787.47	5002723.49	386326.83	5389050.32
10	Ninth Year Operation	40.50	15844.44	1223.56	17068.00	12787.47	5002723.49	386326.83	5389050.32
11	Tenth Year Operation	40.50	15844.44	1223.56	17068.00	12787.47	5002723.49	386326.83	5389050.32
	Total	908.23	356308.91	410247.09	766556.01	286764.54	112750276.29	129531469.24	242032393.02


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Sub-Division No.1, Saoli

UNDERTAKING

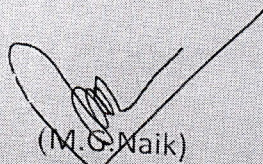
(REGARDING COMPENSATORY AFFORESTATION SCHEME)

This is to undertake, that the Compensatory non-forest land admeasuring 315.740 Ha. in Yavatmal district is selected for Compensatory Afforestation in lieu of 315.740 ha. of forest land proposed for Asolamendha Renovation Project, at Asolamendha, Distt. Chandrapur. Deputy Conservator of Forests, Yavatmal Forest Dn. Yavatmal has inspected and issued SUITABILITY CERTIFICATE for Compensatory Afforestation Land. The Compensatory Afforestation scheme is under preparation.

As per the Forest (Conservation) Act, 1980 and FC Rules 2003, Chapter 2 **COMPENSATORY AFFORESTATION**, para 2.3 sub section (vi). The Compensatory Afforestation scheme is to be submitted on receipt of Stage-I approval under the FC Act 1980.

Date :- 14/09/2022

Place :- Saoli.



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Asolamendha Project Renovation
Sub-Division No.1, Saoli