

Forest and Environment Department, Jharkhand
CHATRA SOUTH FOREST DIVISION.
Estimate under Compensatory Afforestation scheme (CAMPA)
Magadh Railway Siding
Financial Year 2024-25 to 2034-35

Name of Scheme **Compensatory Afforestation Scheme**
 Name of Site **Bargaon**
 Thana & Thana No. **Simaria- 208**
 Name of Range **Tandwa Range**
 Name of Block **Tandwa**
 Plot No. - **947P**

Gross Area : **78.12 ha.**
 Net Area : **35.29 ha.**
 No. of Plants : **1666 /ha.**
 Total Fencing : **211.74 Chain**
 Wages Rate : **405.00 /MD**
 Spacing : **3m x 2m**

Sl No.	Particulars	Prescribed Rate				Estimated Amount (As Per site)			Remarks
		Unit	MD (No)	Wages (Rs)	Material (Rs)	Total	Wages (Rs)	Material (Rs)	
1	2	3	4	5	6	7	8	9	10
A	Advance work 1st Year								
1	Survey and Demarcation	ha	3.00	1215.00	50.00	1265.00	42877.35	1764.50	44641.85
2	Bush Clearance	ha	7.00	2835.00	0.00	2835.00	100047.15	0.00	100047.15
3	"Trench stone fencing or bush fencing by machine with the approval of the Conservator of Forests at the approved departmental rate as per the minimum requirement. (i) Trench girth - Top width 1.83 m, Bottom width 1.22 m, Depth 1.22 m, Trench girth including dressing -211.74 chains"	chain	2.00	810.00	2657.15	3467.15	171509.40	562624.94	734134.34
4	Pit digging (Dimensiones 0.3m x 0.3mx 0.3m) total number pits 1666/ha.	ha	36.50	14782.50	0.00	14782.50	521674.43	0.00	521674.43
5	Temporary Nursery including night vigil/guard	ha	16.50	6682.50	0.00	6682.50	235825.43	0.00	235825.43
6	Material (Polythene bag, seeds, Fertilizer, Manure, pesticides material required for making nursery including fence etc)	ha	0.00	0.00	3373.65	3373.65	0.00	119056.11	119056.11
7	Soil and water conservation - Contour trench (120/ha.) of dimension 5m x 0.30m x 0.30m) with distance 2m to 3m between them	ha	55.00	22275.00	0.00	22275.00	786084.75	0.00	786084.75
8	Silt Retention dam, Check dam, Retaining and Breast wall, Spurs, torrent breakers, etc.	ha	25.00	10125.00	0.00	10125.00	357311.25	0.00	357311.25
9	Gully plugging	ha	10.00	4050.00	0.00	4050.00	142924.50	0.00	142924.50
10	Labor Cess 1% of wages		0.00	0.00	0.00	0.00	0.00	23582.54	23582.54
11	Entry Point activity	ha	0.00	0.00	0.00	0.00	0.00	774822.53	774822.53
12	Miscellaneous works (Photography, Sign Boards, etc.)		0.00	0.00	250.00	250.00	0.00	8822.50	8822.50
	Total		155.00	62775.00	6330.80	69105.80	2358254.25	1490673.12	3848927.37
12	Per pillar @ 4700 with GST	No.	31	0.00	0.00	0.00	0.00	145700.00	145700.00
	Total			62775.00	6330.80	69105.80	2358254.25	1636373.12	3994627.37
B	Completion Work (2nd Year)	(Wages rate in 15% increase of per year.)							465.75
1	Nursery (Part) - night guard	ha	21.50	10013.63	666.40	10680.03	353380.83	23517.26	376898.08
2	Plantation activity	ha	36.50	16999.88	0.00	16999.88	599925.59	0.00	599925.59
3	Two Weedings & hoeings	ha	41.50	19328.63	0.00	19328.63	682107.18	0.00	682107.18
4	Seed sowing on trench bund	ha	2.00	931.50	0.00	931.50	32872.64	0.00	32872.64
5	Protection of Plants.		550.00	256162.50	0.00	256162.50	256162.50	0.00	256162.50

6	Material (Fertilizer & Chemicals, Seeds etc..)	ha	0.00	0.00	3936.76	3936.76	0.00	138928.26	138928.26
7	Miscellaneous works (Photography, Sign Boards, etc.)	ha	0.00	0.00	250.00	250.00	0.00	8822.50	8822.50
8	Labor Cess 1% of wages	ha	0.00	0.00	0.00	0.00	0.00	19244.49	19244.49
	Total :-		651.50	303436.13	4853.16	308289.29	1924448.73	190512.50	2114961.23
C	Maintenance Work (3rd Year)	(Wages rate in 15% increase of per year.)							535.61
1	One Weeding	ha	23.00	12319.09	0.00	12319.09	434740.60	0.00	434740.60
2	Fertilizer	ha	0.00	0.00	2365.00	2365.00	0.00	83460.85	83460.85
3	Protection		730.00	390997.13	0.00	390997.13	390997.13	0.00	390997.13
4	Fencing repair	Chain	1.00	535.61	0.00	535.61	113410.59	0.00	113410.59
5	Casualty Replacement	ha	7.00	3749.29	1670.00	5419.29	132312.36	58934.30	191246.66
6	Labor Cess 1% of wages	ha	0.00	0.00	0.00	0.00	0.00	10714.61	10714.61
	Total :-		761.00	407601.11	4035.00	411636.11	1071460.67	153109.76	1224570.43
D	Maintenance Work (4th Year)	(Wages rate in 15% increase of per year.)							615.95
1	One Weeding and One Hoeing	ha	23.00	14166.95	0.00	14166.95	499951.69	0.00	499951.69
2	Material (Seed, Fertilizer, Pesticide, etc.)	ha	0.00	0.00	2365.00	2365.00	0.00	83460.85	83460.85
3	Protection		730.00	449646.69	0.00	449646.69	449646.69	0.00	449646.69
4	Casualty Replacement	ha	3.50	2155.84	835.00	2990.84	76079.60	29467.15	105546.75
5	Labor Cess 1% of wages	ha	0.00	0.00	0.00	0.00	0.00	10256.78	10256.78
	Total :-		756.50	465969.48	3200.00	469169.48	1025677.99	112928.00	1138605.99
E	Maintenance Work (5th Year)	(Wages rate in 15% increase of per year.)							708.35
1	One Weeding and Hoeing	ha	23.00	16291.99	0.00	16291.99	574944.44	0.00	574944.44
2	Material (Fertilizer & Chemicals, Seeds, manures, etc..)	ha	0.00	0.00	2365.00	2365.00	0.00	83460.85	83460.85
3	Fencing repair	Chain	1.00	708.35	0.00	708.35	149985.51	0.00	149985.51
4	Protection		365.00	258546.85	0.00	258546.85	258546.85	0.00	258546.85
5	Labour Cess 1% of wages		0.00	0.00	0.00	0.00	0.00	9834.77	9834.77
	Total :-		389.00	275547.19	2365.00	277912.19	983476.80	93295.62	1076772.41
F	Maintenance Work (6th Year)	(Wages rate in 15% increase of per year.)							814.60
1	Protection		365.00	297328.88	0.00	297328.88	297328.88	0.00	297328.88
2	Labour Cess 1% of wages		0.00	0.00	0.00	0.00	0.00	2973.29	2973.29
	Total :-		365.00	297328.88	0.00	297328.88	297328.88	2973.29	300302.17
G	Maintenance Work (7th Year)	(Wages rate in 15% increase of per year.)							936.79
1	Protection		365.00	341928.21	0.00	341928.21	341928.21	0.00	341928.21
2	Labour Cess 1% of wages		0.00	0.00	0.00	0.00	0.00	3419.28	3419.28
	Total :-		365.00	341928.21	0.00	341928.21	341928.21	3419.28	345347.49
H	Maintenance Work (8th Year)	(Wages rate in 15% increase of per year.)							1077.31
1	Protection		365.00	393217.44	0.00	393217.44	393217.44	0.00	393217.44
2	Labour Cess 1% of wages		0.00	0.00	0.00	0.00	0.00	3932.17	3932.17
	Total :-		365.00	393217.44	0.00	393217.44	393217.44	3932.17	397149.61
I	Maintenance Work (9th Year)	(Wages rate in 15% increase of per year.)							1238.90
1	Protection		365.00	452200.05	0.00	452200.05	452200.05	0.00	452200.05
2	Labour Cess 1% of wages		0.00	0.00	0.00	0.00	0.00	4522.00	4522.00
	Total :-		365.00	452200.05	0.00	452200.05	452200.05	4522.00	456722.06
J	Maintenance Work (10th Year)	(Wages rate in 15% increase of per year.)							1424.74
1	Protection		365.00	520030.06	0.00	520030.06	520030.06	0.00	520030.06
2	Labour Cess 1% of wages		0.00	0.00	0.00	0.00	0.00	5200.30	5200.30
	Total :-		365.00	520030.06	0.00	520030.06	520030.06	5200.30	525230.36

ABSTRACT

Work & Year	Wages	Mateirals	Total
Advance work 1st Year	2358254.25	1636373.12	3994627.37
Completion Work (2nd Year)	1924448.73	190512.50	2114961.23
Maintenance Work (3rd Year)	1071460.67	153109.76	1224570.43
Maintenance Work (4th Year)	1025677.99	112928.00	1138605.99
Maintenance Work (5th Year)	983476.80	93295.62	1076772.41
Maintenance Work (6th Year)	297328.88	2973.29	300302.17
Maintenance Work (7th Year)	341928.21	3419.28	345347.49
Maintenance Work (8th Year)	393217.44	3932.17	397149.61
Maintenance Work (9th Year)	452200.05	4522.00	456722.06
Maintenance Work (10th Year)	520030.06	5200.30	525230.36
Total	9368023.07	2206266.05	11574289.11
Material (Fertilizer & Chemicals, Seeds, manures, etc.) & Miscellaneous Work GST @ 18%			94682.15
Grand Total			11668971.26
Or Say -			11668971.00

Rs. One crore sixteen lac sixty eight thousand nine hundred seventy one only.

Note :-

- 1 Project period of scheme is for ten year as directed vide Forest & Environment Departmnet, Government of India F- No. 11-168/2009-FC(pt), Dated 24.02.2012
- 2 P.C.C.F, Dev., Jharkhand, Ranchi office letter no.812 dt. 21.11.2023
- 3 Trench repair is as per S.O.R. of forest departmental estimate.
- 4 Provision of cattle watcher is as per S.O.R.

Submitted

Jany

Range Forest Officer
Tandwa Range.

Mukesh

Divisional Forest Officer,
Chatra South Forest Division.

Mukesh Kumar I.F.S
Divisional Forest Officer
Chatra South Forest Division