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Forest and Environment Department, Jharkhand
CHATRA SOUTH FOREST DIVISION.
Estimate under Compensatory Afforestation scheme (CAMPA)
TORI TO SHIVPUR RAILWAY LINE
Financial Year 2015-16 to 2024-25

Name of Scheme
Name of Site
Thana & Thana No.
Name of Range
Name of Block
Plot No. -

Compensatory Afforestation Scheme
Kadley
Chatra- 203
Chatra
Chatra
7 P

Gross Area : **11.15 ha.**
Net Area : **8.000 ha.**
No. of : **1666 /ha.**
Total : **65 Chain**
Wages Rate : **212.43 /MD**
Spacing : **3m x 2m**

SI No.	Particulars	Prescribed Rate				Total	Estimated Amount (As Per site)			Remarks
		Unit	MD (No)	Wages (Rs)	Material (Rs)		Wages (Rs)	Material (Rs)	Total Rs	
1	2	3	4	5	6	7	8	9	10	11
A	Advance work 1st Year									
1	Survey and Demarcation	ha	3.00	637.29	0.00	637.29	5098.32	0.00	5098.32	
2	Bush Clearance (Dence)	ha	10.00	2124.30	0.00	2124.30	16994.40	0.00	16994.40	
	Trench Fencing size - 6' x 4' x 4' (Width of the trench above 1.83m and width of basement of trench 1.22 and depth of trench in 1.22m)	ha	125.00	26553.75	0.00	26553.75	212430.00	0.00	212430.00	
4	Pit digging (Dimensiones 0.3m x 0.3mx 0.3m) total number pits 1666/ha.	ha	36.50	7753.70	0.00	7753.70	62029.56	0.00	62029.56	
5	Temporary Nursery including night vigil/guard	ha	16.50	3505.10	0.00	3505.10	28040.76	0.00	28040.76	
6	Material (Polythene bag, seeds, Fertilizer, Manure, pesticides material required for making nursery including fence etc)	ha	0.00	0.00	2240.00	2240.00	0.00	17920.00	17920.00	
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	11683.65	0.00	11683.65	93469.20	0.00	93469.20	
8	Silt Retention dam, Check dam, Retaining and Breast wall, Spurs, torrent breakers, etc.	ha	25.00	5310.75	0.00	5310.75	42486.00	0.00	42486.00	
9	Gully plugging	ha	10.00	2124.30	0.00	2124.30	16994.40	0.00	16994.40	
10	Miscellaneous works (Photography, Sign Boards, etc.)		0.00	0.00	150.00	150.00	0.00	1200.00	1200.00	
	Total		281.00	59692.83	2390.00	62082.83	477542.64	19120.00	496662.64	
11	Entry Point activity (@15% of Total Amount. 1655113.40 (10 years Wages, Materials & Protection)			0.00	0.00	0.00			248267.01	
	Sub Total -								744929.65	
B	Completion Work (2nd Year)									
1	Nursery (Part) - night guard	ha	21.50	4567.25	0.00	4567.25	36537.96	0.00	36537.96	
2	Plantation activity	ha	36.50	7753.70	0.00	7753.70	62029.56	0.00	62029.56	
3	Two Weedings & hoeings	ha	41.50	8815.85	0.00	8815.85	70526.76	0.00	70526.76	
4	Seed sowing on trench bund	ha	2.00	424.86	0.00	424.86	3398.88	0.00	3398.88	
5	Material (Fertilizer & Chemicals, Seeds etc.)	ha	0.00	0.00	2365.00	2365.00	0.00	18920.00	18920.00	
6	Miscellaneous works (Photography, Sign Boards, etc.)	ha	0.00	0.00	150.00	150.00	0.00	1200.00	1200.00	

	Total :-		101.50	21565.71	2515.00	24080.71	172525.64	20120.00	192645.64
7	Protection of Plants upto 60 ha.		550.00	116858.50	0.00	116858.50	116858.50	0.00	103086.50
	Sub Total -								295732.14
	C Maintenance Work (3rd Year)								
1	One Weeding	ha	23.00	4886.81	0.00	4886.81	39094.48	0.00	39094.48
2	Fertilizer	ha	0.00	0.00	1892.40	1892.40	0.00	15139.20	15139.20
3	Fencing repair	ha	5.00	1062.35	0.00	1062.35	8498.80	0.00	8498.80
4	Casualty Replacement	ha	3.00	637.41	290.00	927.41	5099.28	2320.00	7419.28
	Total :-		31.00	6586.57	2182.40	8768.97	52692.56	17459.20	70151.76
5	Protection of Plants upto 60 ha.		730.00	155103.10	0.00	155103.10	155103.10	0.00	136823.90
	Sub Total -								206975.66
	D Maintenance Work (4th Year)								
1	One Weeding and One Hoeing	ha	23.00	4886.81	0.00	4886.81	39094.48	0.00	39094.48
2	Material (Seed, Fertilizer, Pesticide, etc.)	ha	0.00	0.00	1300.00	1300.00	0.00	10400.00	10400.00
4	Casualty Replacement	ha	3.00	637.41	290.00	927.41	5099.28	2320.00	7419.28
	Total :-		26.00	5524.22	1590.00	7114.22	44193.76	12720.00	56913.76
3	Protection of Plants upto 60 ha.		730.00	155103.10	0.00	155103.10	155103.10	0.00	136823.90
	Sub Total -								193737.66
	E Maintenance Work (5th Year)								
1	One Weeding and Hoeing	ha	23.00	4886.81	0.00	4886.81	39094.48	0.00	39094.48
2	Material (Fertilizer & Chemicals, Seeds, manures, etc.)	ha	0.00	0.00	500.00	500.00	0.00	4000.00	4000.00
4	Fencing repair	ha	5.00	1062.35	0.00	1062.35	8498.80	0.00	8498.80
	Total :-		28.00	5949.16	500.00	6449.16	47593.28	4000.00	51593.28
3	Protection of Plants upto 60 ha.	ha	365.00	77551.55	0.00	77551.55	77551.55	0.00	68411.95
	Sub Total -								120005.23
	F Maintenance Work (6th Year)								
1	Protection		365.00	77551.55	0.00	77551.55	77551.55	0.00	68411.95
	Total :-		365.00	77551.55	0.00	77551.55	77551.55	0.00	68411.95
	G Maintenance Work (7th Year)								
1	Protection of Plants upto 60 ha.		365.00	77551.55	0.00	77551.55	77551.55	0.00	68411.95
	Total :-		365.00	77551.55	0.00	77551.55	77551.55	0.00	68411.95
	H Maintenance Work (8th Year)								
2	Protection of Plants upto 60 ha.		365.00	77551.55	0.00	77551.55	77551.55	0.00	68411.95
	Total :-		365.00	77551.55	0.00	77551.55	77551.55	0.00	68411.95
	I Maintenance Work (9th Year)								
1	Protection of Plants upto 60 ha.		365.00	77551.55	0.00	77551.55	77551.55	0.00	68411.95
	Total :-		365.00	77551.55	0.00	77551.55	77551.55	0.00	68411.95
	Maintenance Work (10th Year)								
1	Protection of Plants upto 60 ha.		365.00	77551.55	0.00	77551.55	77551.55	0.00	68411.95
	Total :-		365.00	77551.55	0.00	77551.55	77551.55	0.00	68411.95

ABSTRACT

Work & Year	Wages	Mateirals	Protection / EPA	Total
Advance work 1st Year	477542.64	19120.00	248267.01	744929.65
Completion Work (2nd Year)	172493.16	20120.00	103086.50	295699.66
Maintenance Work (3rd Year)	52682.64	17459.20	136823.90	206965.74
Maintenance Work (4th Year)	44185.44	12720.00	136823.90	193729.34
Maintenance Work (5th Year)	47584.32	4000.00	68411.95	119996.27
Maintenance Work (6th Year)	0.00	0.00	68411.95	68411.95
Maintenance Work (7th Year)	0.00	0.00	68411.95	68411.95
Maintenance Work (8th Year)	0.00	0.00	68411.95	68411.95
Maintenance Work (9th Year)	0.00	0.00	68411.95	68411.95
Maintenance Work (10th Year)	0.00	0.00	68411.95	68411.95
Grand Total	794488.20	73419.20	1035473.01	1903380.41

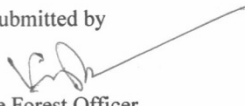
Or Say - 1903380.00

Rs. Nineteen lakh three thousand three hundred eighty only.

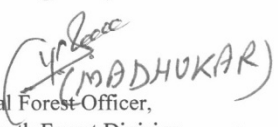
1 This estimates has been prepared on the basis of schedules of rates of plantation order no. 32 dated 19.05.2015 of Add. P.G.C.F, Dev., Jharkhand.

2 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

Submitted by


Range Forest Officer,
Chatra Range.

Countersigned By


Divisional Forest Officer,
Chatra South Forest Division.