

Forest, Environment & Climate Change Department, Jharkhand
Hazaribag East Forest Division

Name of Scheme
 Name of Agency
 Name of Range
 Name of Thana/ Thana no.
 Name of Site
 Khata/ Plot no.
 Wage Rate (Rs./Mandays)

RDF Plantation Under Compensatory Afforestation Scheme
 DFCCIL Railway Line (Diverted land 1.758 ha.)
BAGODAR
Bagodar/28
NAGARKESHWARI
Plot no. 23p, 24p
311.33

Area of Site (ha) 4.000
 Length of fencing 63 Chanin
 No. of plants/ha 1000
 Spacing 3mx3m, 2mx2m, 3mx2m

Sl.no.	Particulars of Works	Prescribed Rate			Estimated Amount (as per site)			Remarks
		Unit	MD (No.)	Materials (Rs.)	Wages (Rs.)	Materials (Rs.)	Total (Rs.)	
1	2	3	4	5	6	7	8	9
I	Advance Work (1st Year) 2021-22							
1	Survey & Demarcation	ha	3	0.00	3735.96	0.00	3735.96	
2	Site Clearance	ha	7	0.00	8717.24	0.00	8717.24	
3	Trench Fencing- 1.83mx1.22mx1.22m by hydraulic machine. (Add GST 18% (1963.79+1963.79 x 18% = 2317.27)	Chain	2	2317.27	39227.58	145988.01	185215.59	
4	Soil Work -Pit digging 0.30mx.30mx0.30m	ha	22	0.00	27397.04	0.00	27397.04	
5	Contour Trench - 41 Contour/ha. (Contour Size 5m x 0.30m x 0.30m)	ha	25	0.00	31133.00	0.00	31133.00	
6	Soil & Water Conservation work- Check Dam, Retaining wall & Breast wall, T wall, Spur and Torrent Control Works etc.	ha	55	0.00	68492.60	0.00	68492.60	
7	Gully Plugging	ha	10	0.00	12453.20	0.00	12453.20	
8	Nursery (part)- Raising of plants including watering, maintenance & protection	ha	10	0.00	12453.20	0.00	12453.20	
9	Materials- Polythene bag, Seeds, Fertilizers, Manures, Chemicals, Fencing material etc. . (Add GST 18% (1350+1350 x 18% = 1593.00)	ha	0	1593.00	0.00	6372.00	6372.00	
10	Miscellaneous Works- Sign Boards, Photography etc. . (Add GST 18% (150+150 x 18% = 177.00)	ha	0	177.00	0.00	708.00	708.00	
	Sub-Total		134	4087.27	203609.82	153068.01	356677.83	
11	Entry Point Activities (15% Total Cost of Advance work)						53501.67	
	Total:-						410179.50	

II	Completion Work (2nd Year) 2022-23		358.03					
1	Nursery (part) including watering sorting, seed sowing, maintenance & protection	ha	13.00	0.00	18617.53	0.00	18617.53	
2	Planting	ha	22.00	0.00	31506.60	0.00	31506.60	

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		Unit	MD (No.)	Materials (Rs.)	Wages (Rs.)	Materials (Rs.)	Total (Rs.)	
1	2	3	4	5	6	7	8	9
3	Two Weeding and Hoeing	ha	25.00	0.00	35802.95	0.00	35802.95	
4	Seed Sowing on Trench Berm (165 Chain)	ha	2	0.00	118149.74	0.00	118149.74	
5	Protection of plants	site	275	0.00	98458.11	0.00	98458.11	
6	Materials- Seeds, Fertilizers, manures, Chemicals etc.. (Add GST 18% (1575+1575 x 18% = 1858.50))	ha	0	1858.50	0.00	7434.00	7434.00	
7	Miscellaneous Works- Sign Boards, Photography etc.. (Add GST 18% (150+150 x 18% = 177.00))	ha	0	177.00	0.00	708.00	708.00	
	Total		337.00	2035.50	302534.93	8142.00	310676.93	
III	Maintenance Work (3rd Year) 2023-24			411.73				
1	One Weeding and Hoeing	ha	14	0.00	23057.10	0.00	23057.10	
2	Fertilizer etc. (Add GST 18% (785+785 x 18% = 926.30))	ha	0	926.30	0.00	3705.20	3705.20	
3	Protection of plants	site	365	0.00	150282.88	0.00	150282.88	
4	Fencing Repair	Chain	1	0.00	25939.24	0.00	25939.24	
5	Casualty Replacement etc. (Add GST 18% (176+176 x 18% = 207.68))	ha	2	207.68	3293.87	830.72	4124.59	
	Total		382.00	1133.98	202573.09	4535.92	207109.01	
IV	Maintenance Work (4th Year) 2024-25			473.49				
1	One Weeding and Hoeing	ha	14	0.00	26515.66	0.00	26515.66	
2	Fertilizer etc. (Add GST 18% (785+785 x 18% = 926.30))	ha	0	926.30	0.00	3705.20	3705.20	
3	Protection of plants	site	365	0.00	172825.32	0.00	172825.32	
4	Casualty Replacement etc. (Add GST 18% (176+176 x 18% = 207.68))	ha	2	207.68	3787.95	830.72	4618.67	
	Total		381.00	1133.98	203128.93	4535.92	207664.85	
V	Maintenance Work (5th Year) 2025-26			544.52				
1	One Weeding and Hoeing	ha	14.00	0.00	30493.01	0.00	30493.01	
2	Fertilizer etc. (Add GST 18% (300+300 x 18% = 354.00))	ha	0	354.00	0.00	1416.00	1416.00	
3	Protection of plants	site	365	0.00	198749.11	0.00	198749.11	
4	Fencing Repair	Chain	1	0.00	34304.64	0.00	34304.64	
	Total		380.00	354.00	263546.77	1416.00	264962.77	
VI	Maintenance Work (6th Year) 2026-27			626.20				
1	Protection of plants	site	365	0.00	228561.48	0.00	228561.48	
	Total		365.00	0.00	228561.48	0.00	228561.48	
VII	Maintenance Work (7th Year) 2027-28			720.13				
1	Protection of plants	site	365	0.00	262845.70	0.00	262845.70	
	Total		365.00	0.00	262845.70	0.00	262845.70	
VIII	Maintenance Work (8th Year) 2028-29			828.14				
1	Protection of plants	site	365	0.00	302272.56	0.00	302272.56	
	Total		365.00	0.00	302272.56	0.00	302272.56	


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		Unit	MD (No.)	Materials (Rs.)	Wages (Rs.)	Materials (Rs.)	Total (Rs.)	
1	2	3	4	5	6	7	8	9
IX	Maintenance Work (9th Year) 2029-30			952.37				
1	Protection of plants	site	365	0.00	347613.44	0.00	347613.44	
	Total		365.00	0.00	347613.44	0.00	347613.44	
X	Maintenance Work (10th Year) 2030-31			1095.22				
1	Protection of plants	site	365	0.00	399755.46	0.00	399755.46	
	Total		365.00	0.00	399755.46	0.00	399755.46	
	Grand Total:-		3439.00	8744.73	2716442.17	171697.85	2941641.69	

Note :- 1. Estimate prepared on basis of PCCF Development Office order no. 36 dated 13.08.2019
2. 15% wage enhansment for every year

ABSTRACT				
S.N.	Work & Year	Wages (Rs.)	Materials (Rs.)	Total Amount
I	Advance Work (1st Year) 2021-22	203609.82	153068.01	356677.83
II	Completion Work (2nd Year) 2022-23	302534.93	8142.00	310676.93
III	Maintenance Work (3rd Year) 2023-24	202573.09	4535.92	207109.01
IV	Maintenance Work (4th Year) 2024-25	203128.93	4535.92	207664.85
V	Maintenance Work (5th Year) 2025-26	263546.77	1416.00	264962.77
VI	Maintenance Work (6th Year) 2026-27	228561.48	0.00	228561.48
VII	Maintenance Work (7th Year) 207-28	262845.70	0.00	262845.70
VIII	Maintenance Work (8th Year) 2028-29	302272.56	0.00	302272.56
IX	Maintenance Work (9th Year) 2029-30	347613.44	0.00	347613.44
X	Maintenance Work (10th Year) 2030-31	399755.46	0.00	399755.46
	Sub Total:-	2716442.17	171697.85	2888140.02
	Entry Point Activities (15% Total Cost of Advance work)			53501.67
	Grand Total:-			2941641.69
	Or Say			2941642.00


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