

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

Name of Scheme

RDF Plantation Under Compensatory Afforestation Scheme (CAMPA)

Name of Agency

Hazaribagh Urban Water Supply Scheme (Diverted Area 3.561 ha.)

Name of Range

BAGODAR

Name of Thana/ Thana no.

BAGODAR-238

Name of Site

DUMARDIHA

Khata/ Plot no.

2

Area of Site (ha)

6.880

Length of fencing

55 Chanin

Wage Rage (Rs./Mandays)

346.01

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) 2023-24							
1	Survey & Demarcation	ha	3	0.00	7141.65	0.00	7141.65	
2	Site Clearance	ha	7	0.00	16663.84	0.00	16663.84	
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	38061.10	127449.85	165510.95	
4	Soil Work -Pit digging 0.30mx.30mx0.30m	ha	22	0.00	52372.07	0.00	52372.07	
5	Soil & Water Conservation work- Gully Plugging, Silt Detention Dam, Contour Trench Works etc.	ha	45	0.00	107124.70	0.00	107124.70	
6	Nursery (part)- Raising of plants including watering, maintenance & protection	ha	10	0.00	23805.49	0.00	23805.49	
7	Materials- Polythene bag, Seeds, Fertilizers, Manures, Chemicals, Fencing material etc. (Add GST 18% (2400 + 2400 x 18% = 2832.00)	ha	0	2832.00	0.00	19484.16	19484.16	
8	Miscellaneous Works- Sign Boards, Photography etc. (Add GST 18% (150+150 x 18% = 177.00)	ha	0	177.00	0.00	1217.76	1217.76	
9	Contingency	2%	0	0.00	0.00	0.00	7866.41	
	Sub-Total		89	5326.27	245168.85	148151.77	401187.03	
						Total:-	401187.03	
II	Completion Work (2nd Year) 2024-25			397.912				
1	Nursery (part) including watering sorting, seed sowing, maintenance & protection	ha	13	0.00	35589.20	0.00	35589.20	
2	Planting	ha	22.00	0.00	60227.88	0.00	60227.88	
3	Two Weeding and Hoeing	ha	25.00	0.00	68440.78	0.00	68440.78	
4	Seed Sowing on Trench Berm (105 Chain)	ha	2	0.00	83561.42	0.00	83561.42	
5	Protection of plants	site	275	0.00	109425.66	0.00	109425.66	

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		Unit	MD (No.)	Materials (Rs.)	Wages (Rs.)	Materials (Rs.)	Total (Rs.)	
1	2	3	4	5	6	7	8	9
6	Materials- Seeds, Fertilizers, manures, Chemicals etc.. (Add GST 18% $(1575+1575 \times 18\% = 1858.50)$)	ha	0	1858.50	0.00	12786.48	12786.48	
7	Miscellaneous Works- Sign Boards, Photography etc.. (Add GST 18% $(150+150 \times 18\% = 177.00)$)	ha	0	177.00	0.00	1217.76	1217.76	
8	Contingency	2%	0	0.00	0.00	0.00	7424.98	
	Total		337.00	2035.50	357244.94	14004.24	378674.17	
9	Entry Point Activities (15% Total Cost of Advance work + Completion work)						116979.18	
	Total:-						495653.35	
III	Maintenance Work (3rd Year) 2025-26			457.60				
1	One Weeding and Hoeing	ha	14	0.00	44075.86	0.00	44075.86	
2	Fertilizer etc. (Add GST 18% $(785+785 \times 18\% = 926.30)$)	ha	0	926.30	0.00	6372.94	6372.94	
3	Protection of plants	site	365	0.00	167023.35	0.00	167023.35	
4	Fencing Repair	Chain	1	0.00	25167.90	0.00	25167.90	
5	Casualty Replacement etc. (Add GST 18% $(474.76+474.76 \times 18\% = 560.22)$)	ha	2	560.22	6296.55	3854.31	10150.87	
6	Contingency	2%	0	0.00	0.00	0.00	5055.82	
	Total		382.00	1486.52	242563.67	10227.26	257846.74	
IV	Maintenance Work (4th Year) 2026-27			526.24				
1	One Weeding and Hoeing	ha	14	0.00	50687.24	0.00	50687.24	
2	Fertilizer etc. (Add GST 18% $(785+785 \times 18\% = 926.30)$)	ha	0	926.30	0.00	6372.94	6372.94	
3	Protection of plants	site	365	0.00	192076.85	0.00	192076.85	
4	Casualty Replacement etc. (Add GST 18% $(474.76+474.76 \times 18\% = 560.22)$)	ha	2	560.22	7241.03	3854.31	11095.35	
5	Contingency	2%	0	0.00	0.00	0.00	5204.65	
	Total		381.00	1486.52	250005.13	10227.26	265437.03	
V	Maintenance Work (5th Year) 2027-28			605.17				
1	One Weeding and Hoeing	ha	14.00	0.00	58290.33	0.00	58290.33	
2	Fertilizer etc. (Add GST 18% $(300+300 \times 18\% = 354.00)$)	ha	0	354.00	0.00	2435.52	2435.52	
3	Protection of plants	site	365	0.00	220888.38	0.00	220888.38	
4	Fencing Repair	Chain	1	0.00	33284.55	0.00	33284.55	
5	Contingency	2%	0	0.00	0.00	0.00	6297.98	
	Total		380.00	354.00	312463.26	2435.52	321196.76	
VI	Maintenance Work (6th Year) 2028-29			695.95				
1	Protection of plants	site	365	0.00	254021.64	0.00	254021.64	
2	Contingency	2%	0	0.00	0.00	0.00	5080.43	
	Total		365.00	0.00	254021.64	0.00	259102.07	
VII	Maintenance Work (7th Year) 2029-30			800.34				
1	Protection of plants	site	365	0.00	292124.89	0.00	292124.89	
2	Contingency	2%	0	0.00	0.00	0.00	5842.50	

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
	Total		365.00	0.00	292124.89	0.00	297967.38	
VIII	Maintenance Work (8th Year) 2030-31			920.39				
1	Protection of plants	site	365	0.00	335943.62	0.00	335943.62	
2	Contingency	2%	0	0.00	0.00	0.00	6718.87	
	Total		365.00	0.00	335943.62	0.00	342662.49	
IX	Maintenance Work (9th Year) 2031-32			1058.45				
1	Protection of plants	site	365	0.00	386335.16	0.00	386335.16	
2	Contingency	2%	0	0.00	0.00	0.00	7726.70	
	Total		365.00	0.00	386335.16	0.00	394061.87	
X	Maintenance Work (10th Year) 2032-33			1217.22				
1	Protection of plants	site	365	0.00	444285.44	0.00	444285.44	
2	Contingency	2%	0	0.00	0.00	0.00	8885.71	
	Total		365.00	0.00	444285.44	0.00	453171.15	
	Grand Total:-		3394.00	10688.81	3120156.59	185046.05	3371306.69	
Note :- 1. Estimate prepared on basis of PCCF Development Office order no. 22 dated 19.06.2018 2. 15% wage enhansment for every year								

ABSTRACT						
S.N.	Work & Year		Wages (Rs.)	Materials (Rs.)	Contingency	Total Amount
I	Advance Work (1st Year) 2023-24		245168.85	148151.77	7866.41	401187.03
II	Completion Work (2nd Year) 2024-25		357244.94	14004.24	7424.98	378674.17
III	Maintenance Work (3rd Year) 2025-26		242563.67	10227.26	5055.82	257846.74
IV	Maintenance Work (4th Year) 2026-27		250005.13	10227.26	5204.65	265437.03
V	Maintenance Work (5th Year) 2027-28		312463.26	2435.52	6297.98	321196.76
VI	Maintenance Work (6th Year) 2028-29		254021.64	0.00	5080.43	259102.07
VII	Maintenance Work (7th Year) 2029-30		292124.89	0.00	5842.50	297967.38
VIII	Maintenance Work (8th Year) 2030-31		335943.62	0.00	6718.87	342662.49
IX	Maintenance Work (9th Year) 2031-32		386335.16	0.00	7726.70	394061.87
X	Maintenance Work (10th Year) 2032-33		444285.44	0.00	8885.71	453171.15
	Sub Total:-		3120156.59	185046.05	66104.05	3371306.69
	Entry Point Activities (15% Total Cost of Advance work+ Completion work)					116979.18
	Grand Total:-					3488285.87
	Or Say					3488285.00


 Divisional Forest Officer
 Hazaribag East Forest Division