

Name of the scheme: Rehabilitation of degraded forest for (SAIL, Manoharpur Ore Mines, Chiria)

Name of Division: **Saranda** Average no. of plants /Ha **1000**
 Name of the Range: **Koina, Manoharpur** Total no of plants **40000**
 Name of the Site: **Ankua - 08** Average Spacing **3mX3m**
 Thana/Thana no: **Manoharpur/RF**
 Plot no: **RF**

DGPS Readings Project Area **40** (in Ha)
 N **22 21'19" to 22 21'48"** Trench Fencing chains **200** chains
 E **85 17'34" to 85 18'02"** Wages rate **224.93** /MD

A-Advance Work

Sl, No	Particulars of works	Unit Rate (Per Ha)			Total Cost/Ha (Rs)	Total cost of project area.	Remarks
		MD	Material	Wages			
1	2	3	4	5	6	7	8
1	Survey and Demarcation	3	30.00	674.79	704.79	28191.60	
2	Site/Bush Clearance & Coppicing	15		3373.95	3373.95	134958.00	
3	Trench/Stone wall fencing(Md per Ha) <i>200ch</i>	125		28116.25	28116.25	1124650.00	
4	Pit dogging 1100/Ha.(0.30x0.30x.03m)-	22		4948.46	4948.46	197938.40	
5	Nursey(Part)-including Night Guard	42		9447.06	9447.06	377882.40	
6	Material (Poly bag, Manure, Fertilizers, Insacticides and materials for Nursey)	0	990.00	0	990	39600.00	
7	Contour trenches	55		12371.15	12371.15	494846.00	
8	Glully plugging, diversion channel, check/silt dam, toe wall, spur, breast wall etc.	25		5623.25	5623.25	224930.00	
9	Soil & Water conservation-gully plugging, diversion channel, check dam etc.	10		2249.3	2249.3	89972.00	
10	Entry points works	8.8	450.00	1979.384	2429.384	97175.36	
11	Training, publicity, compilation, printinf etc.		150.00		150.00	6000.00	
	Total		1620.00	68783.59	93871.459	2816143.76	
	Add 2% of Total as miscellaneous contingency				1408.07	56322.88	
	Garnd Total of advance Work	305.8	1620.00		1620.00	2872466.64	
B	Completion Work 2nd year						
1	Nusery (Part)-Including Night Guard	13.00		2924.09	2924.09	116963.60	
2	Planting	22.00		4948.46	4948.46	197938.40	
3	Seed sowing on trench berm	2.00		449.86	449.86	17994.40	
4	Two Weeding and hoeings	25.00		5623.25	5623.25	224930.00	
5	Protection pf plants	7.00		1574.51	1574.51	62980.40	
6	Mterial(Fertilizer and Chemicals, Etc.)		1575.00		1575.00	63000.00	
7	Entry point works	7.00	150.00	1574.51	1724.51	68980.40	
8	Singling	5.00		1124.65	1124.65	44986.00	
9	Misc (Vediography/Photography, Signboard etc)		150.00		150.00	6000.00	
	Total	81.00	1875.00	18219.33	20094.33	803773.20	
	Add 2% of Total as miscellaneous contingency				401.89	16075.46	
	Garnd Total of 2nd year completion work		1875.00	18219.33	20094.33	819848.66	
C	Maintenance Work 3rd year						
1	One weeding	14		3149.02	3149.02	125960.8	
2	Fertilizer		84		84	3360	
3	Protection of plants	10		2249.3	2249.3	89972	
4	Fencing Repair	5		1124.65	1124.65	44986	
5	Casualty Replacement	2	176	449.86	625.86	25034.4	
	Total	31.00	260.00	6972.83	7232.83	289313.20	
	Add 2% of Total as miscellaneous contingency		88.16		144.66	5786.26	
	Garnd Total of 3rd year completion work				7377.49	295099.46	

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Range Forest Officer
Anandpur Range

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 Divisional Forest Officer,
 Saranda Forest Division,
 Chaibasa

D	Maintenance Work 4th year					
1	One weeding	14		1873.34	1873.34	74933.6
2	Protection of plants	10		1338.1	1338.1	53524
3	casuvality	1	176	224.93	400.93	16037.2
	Total	24.00		3436.37	3211.44	144494.80
	Add 2% of Total as miscellaneous contingency				72.25	2889.90
	Garnd Total of 4th year completion work					147384.70
E	Maintenance Work 5th year					
1	One weeding	14		1873.34	1873.34	74933.6
2	Protection of plants	10		1338.1	1338.1	53524
3	Fencing Repair	1		224.93	224.93	8997.2
	Total	24.00		3436.37	3211.44	137454.80
	Add 2% of Total as miscellaneous contingency		64.23		68.73	2749.10
	Garnd Total of 5th year completion work					140203.90
F	Maintenance Work 6th year					
1	One weeding	14		1873.34	1873.34	74933.6
2	Protection of plants	10		1338.1	1338.1	53524
	Total	24.00			3211.44	128457.60
	Add 2% of Total as miscellaneous contingency		64.23		64.23	2569.15
	Garnd Total of 6th year completion work					131026.75
G	Maintenance Work 7th year					
1	One weeding	14		1873.34	1873.34	74933.6
2	Protection of plants	10		1338.1	1338.1	53524
	Total	24.00			3211.44	128457.60
	Add 2% of Total as miscellaneous contingency		64.23		64.23	2569.15
	Garnd Total of 7th year completion work					131026.75
H	Maintenance Work 8th year					
1	One weeding	14		1873.34	1873.34	74933.6
2	Protection of plants	10		1338.1	1338.1	53524
	Total	24.00			3211.44	128457.60
	Add 2% of Total as miscellaneous contingency		64.23		64.23	2569.15
	Garnd Total of 8th year completion work					131026.75
I	Maintenance Work 9th year					
1	One weeding	14		1873.34	1873.34	74933.6
2	Protection of plants	10		1338.1	1338.1	53524
	Total	24.00			3211.44	128457.60
	Add 2% of Total as miscellaneous contingency		64.23		64.23	2569.15
	Garnd Total of 9th year completion work					131026.75
J	Maintenance Work 10th year					
1	One weeding	14		1873.34	1873.34	74933.6
2	Protection of plants	10		1338.1	1338.1	53524
	Total	24.00			3211.44	128457.60
	Add 2% of Total as miscellaneous contingency		64.23		64.23	2569.15
	Garnd Total of 10th year completion work					131026.75


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	Abstract of Cost	Wages	Materials	Contingency	Material including Contingency	Total
1	Advance Work (1st Year)	2751343.60	64800.00	56322.88	121122.88	2872466.48
2	Completion (2nd Yaer)	728773.20	75000.00	16075.46	91075.46	819848.66
3	3 rd Year Maintainance	278913.20	10400.00	5786.26	16186.26	295099.46
4	4th Year Maintainance	137454.80	7040.00	2889.90	9929.90	147384.70
5	5th year Maintainance	137454.80	0.00	2749.10	2749.10	140203.90
6	6th Year Maintainance	128457.60	0.00	2569.15	2569.15	131026.75
7	7th year Maintainance	128457.60	0.00	2569.15	2569.15	131026.75
8	8th year Maintainance	128457.6	0	2569.15	2569.15	131026.75
9	9th year Maintainance	128457.6	0	2569.15	2569.15	131026.75
10	10th year Maintainance	128457.6	0	2569.15	2569.15	131026.75
	Total	4676227.60	157240.00	96669.35	253909.35	4930136.95

Or say Rs 4930137/-

Spp.To be planted					
BOTANICAL NAME	LOCAL NAME		BOTANICAL NAME	LOCAL NAME	
1 Pongamia Pinnata	Karanj	8	Melina Azadirach	Bakain	
2 Gmelina arborea	Gamhar	9	Terminalia Tomentosa	Assan	
3 Tectona grandis	Sagwan	10	Mangifera Indica	Mango	
4 Emblica officinalis	Aomla	11	Azadirachta Indica	Neem	
5 Terminalia chebula	Harra	12	Terminalia Arjuna	Arjun	
6 terminalia bellarica	Bahera	13	Artocarpus Integrefolia	Kathal	
7 Aegle marmelos	Bel	14	And others		

Ravi
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