

**Estimate for Creation of Mangrove Plantation**

**Head of Service- MGNREGA**

**Area- 1.0 Hectare**

Sl No	Details of works.	Total/ M.D.	Rate	T/Cost of M.D.	Material comp.			Total.
					Inputs./ ors.	Rate	Total Materials	
	<b>Cost of Creation of Mangrove seedlings (Nursery works)</b>							
1	Filling up polythene tubes with earth & manure by pulverising cow dung manure and soil over 2700 nos.	9	180.00	1620.00				1620.00
2	Preparation of Mother bed 3 nos 6.5m x1.5m	6	180.00	1080.00				1080.00
3	Sowing of seeds in mother bed.	3	180.00	540.00				540.00
4	Pricking out seedlings from Mother Bed to politubes over 2700 seedlings.	9	180.00	1620.00				1620.00
5	Sorting, Shifting of seedlings 6 times	6	180.00	1080.00				1080.00
6	Weeding, cleaning & watching of seedlings in nursery from March to August.	30	180.00	5400.00				5400.00
7	Cost of seeds and organic manure.				2700	2.5	6750.00	6750.00
8	Misc. Materials including carriage (e.g. bamboo,thatch,hogla, bamboo etc)				L.S.		2500.00	2500.00
	<b>Sub Total :-----</b>							<b>20590.00</b>
	<b>Cost of Creation Works of Mangrove Plantation :-</b>							
9	Survey & demarcation over the area	2	180.00	360.00				360.00
10	Alingment & stacking for digging of trenches over 10000 Sqm.	3	180.00	540.00				540.00
11	Labour for digging pits 0.45 mt x 0.45 mt.x0.30 mt at a spacing 2 mt. x 2 mt. for 2500 seedlings	87	180.00	15660.00				15660.00
12	Cost of carriage of seedlings from nursery to planting site	2	180.00	360.00				360.00
13	Cost of dibbling seeds in dug up pits	5	180.00	900.00				900.00
14	Planting of polypotted seedlings over 2500 nos. pits	20	180.00	3600.00				3600.00
15	In-filling the vacancies for 3 times	3	180.00	540.00				540.00
16	Cost of watch & Ward from Sep to March	60	180.00	10800.00				10800.00
	<b>Sub Total :-----</b>							<b>32760.00</b>
	<b>Cost of Creation Works of Mangrove Plantation (fencing work)</b>							
17	Supply of fencing post of girth 31 cm t- 40 cm of length 2.00 mt.				200 Nos.	120.00	24000.00	24000.00
18	Supply of barbed wire 2 ply 2 g. / 2 points for erection of barbed wire fencing 4 strands				120 kg.	78.00	9360.00	9360.00
20	Making holes for embedding the fencing post for erection of barbed wire fencing and placing of post at proper position.	8	180.00	1440.00				1440.00
21	Cost of straining barbed wire by fitting, fixing staples	10	180.00	1800.00				1800.00
22	Fencing Materials i) Staple				LS	LS	1000.00	1000.00
	ii) Coalter				2 tin	950.00	1900.00	1900.00
	<b>Sub Total :-----</b>							<b>39500.00</b>
23	Display Board, Photograph, worksite facility etc.				LS	LS	2400.00	2400.00
24	Cost of engaging semi-skilled labour for taking attendance, @ 25 nos Un-skilled labour.			<b>10.52</b>	10.52 MD	270.00	2840.40	2840.40
	<b>Grand Total :-----</b>	<b>263</b>						<b>98090.40</b>
	<b>A B S T R A C T</b>							
	LABOUR	Rs.		47340.00				<b>48.26 %</b>
	MATERIALS	Rs.		50750.40				<b>51.74 %</b>
	<b>TOTAL:-</b>			<b>98090.40</b>				