

Model Estimate for Fruit Orchard at Govt. School Premises Under Mahatma Gandhi NREGA with Brikshapatta Within The District of Paschim Medinipur.

AAP/SAAP No.							
Name of Block							
Name of G.P							
Name of the mouza							
J.L. No.							
Name of the land owner/s							
Name of SHGs attached/No of beneficiary							
Plot Nos.							
Area in Ha. For calculation		0.18	Area in Sq. meter				
Pits per Hectare		1110	Length of boundary in meter				
Pits in the entire plot		200	180				
Plant to Plant Distance(Spacing)		3 m X 3m (av)		Variety - Mango/Guava/Banana/Jam etc.			
Part I: Preparation of Field							
Sl. no.	Item	Dimension	Unit	Rate (Rs/Unit)	Budget (in Rs.)	Material Cost (Rs)	Unskilled wages (Rs.)
1	Removing and clearing bushes lumpsum (1 Mandays/ 100 sq.mt twice)	36	Person day	191	6876	0	6876
2	Layout Material(Lime dust)(1 bag/hect.)	0.5	Bags	500	250	250	0
Part II: Pati Kaji pit Preparation							
3	Digging of pits (3.0 X 3.0 X 3.0 ft.) Spacing(3 m X 3 m)(62 cft/Mandays)	87	Person day	191	16617	0	16617
4	Bone dust @ 200 gm/ pit	40	Kg	25	1000	1000	0
5	Neem based Vermi compost (10 kg per mango pit)	2000	kg	12	24000	24000	0
6	Neemkhol @ 200 gm/ pit	40	kg	40	1600	1600	0
7	Pit Filling (25 Pits per personday)	8	Person day	191	1528	0	1528
8	Fencing with bamboo & splitted bamboo with Ipomea(running foot),unskilled labour @1 USK/20 r ft.(180 =591 r ft.)	30	Person day	191	5730	0	5730
9	Fencing with bamboo & splitted bamboo with Ipomea(running meter),Material Rs 15.00 per rft.	591	Running foot	15	8865	8865	0
10	Cattle proof trench (6' top,3' bottom,4'deepth)Length 591 ft = 10638 cft.@ 62 cft./USK	172	Person day	191	32852	0	32852

III Cost of Sapling & Labour charge for plantation

11	Drum stick saplings (with carrying & 10% extra)	220	Nos.	20	4400	4400	0
12	Saplings Supply at pit (100 pits per person/day)	2	Person day	191	382	0	382
13	Planting (25 Sapling per person/day)	8	Person day	191	1528	0	1528

Part IV: Cost of ingredient for interculture & labour cost

14	Staking by bamboo (Rs.5 per plant) with pesting of tarcole	200	Ruppee	5	1000	1000	0
15	Hire charges of sprayer	8	lumpsum(days)	50	400	400	0
16	Citizen Information Board	1	Nos.	3000	3000	3000	0
17	Supervisor remuneration 1 semi skilled labour per 25 USK	14	SSK	286.5	4011	4011	0
18	Creche 1 labour per 100 labour	4	Person day	191	764	0	764
19	Water carrier 1 person per 75 Labour	8	Person day	191	1528	0	1528
20	Transportation & Misc. Expenses	1	lumpsum	500	500	500	0
TOTAL					116831	49026	67805

MAINTENANCE UNDER BRIKSHA PATTA (50 to 200 saplings per beneficiary)

Maintenance for 3 to 5 years upto 100 days @ USK in a FY (Maintenance for 3 to 5 years above 100 days @ SSK in a FY)

As per order by the P & RD maintenance (in Briksha Patta) for single plant in Road side plantation and Block plantation is Rs. 10/per month Rs. 5/per month respectively. If the maintenance cost exceeds 100 PD USK wage payment in a FY, then the balance wage payment to be paid as semi skilled wage payment basis.

For 5 years maintenance cost of 200 nos. plants @ 5/- per plant/per month/per beneficiary (for block plantation) is Rs.

	Total/ M.D.	Rate	T/Cost of M.D.	Semi-skilled wage payment			Total (Maximum Rs. 12000)
				Days	Rate	Total Materials	
21	1st year-200X5X12=12000 (Max.)	191	12000	0	286.5	0	12000
22	2nd year-200X5X12=12000 (Max.)	191	12000	0	286.5	0	12000
23	3rd year-200X5X12=12000 (Max.)	191	12000	0	286.5	0	12000
	188		36000	0		0	36000

Materials Components

Cost of Pesticide/ Insecticides an Manure for Maintenance (3 to 5 years as required)		No. of plants	No. of manuration	Total no. of Manuration	Rate	Total.
24	Ind year (After 30-45 days of plantation)	200	1	200	8	1600
25	2nd year- Two times in a year (before & after rainy season)	200	2	400	8	3200
26	3rd year- Two times in a year (before & after rainy season)	200	2	400	8	3200
						8000
27	Supervisor for maintenance for 3 year			5	SSK	286.5
						1432.5

Grand Total

ABSTRACT	
Labour Component :	Cost
Unskilled wage	103805.00
Material Component :	58458.50
Total	162263.50
	Say Rs 162264.00

(Rupees One Lakh Sixty Two thousand Two hundred and Sixty Four Only)

Ratio	Wage	Material
	64	36