

Model Estimate of Block Plantation in Usar (For 0.42 Hac.)

First Phase-Advance Soil Work

S.No.	Particular of Work	Quantity	Unit	Rate	Amount (in Rs.)
1	2	3	4	5	6
1	Surveying	0.42	Hac.	67.90	28.52
2	Soil Testing	1	No.	392.00	392.00
3	Clearing of bushes	0.42	Hac.	1076.25	452.03
4	Alignment of Pits	840	No.	0.28	235.20
5	Digging of Pits by auger (upper dia 0.45 m, bottom dia 0.23 m, depth 1.20 m)	840	No.	12.21	10256.40
6	Boring for irrigation	1	No.	26250.00	26250.00
7	Purchase of Gypsum	2	M.T.	3650.00	7300.00
8	Purchasing of Organic Manure (2 kg. per pits)	6.3	CMT	717.19	4518.30
9	Purchasing of Sand (2 kg. per pits)	6.3	CMT	437.63	2757.07
10	Other Expenditure	0	LS	0.00	2810.49
				Total-	55000.00

Second Phase-Plantation Work

1	Filling of Pits	840	No.	2.01	1688.40
2	Purchasing of Plants	865	No.	9.00	7785.00
3	Local Carriage of Plants	865	No.	0.28	242.20
4	Plantation	840	No.	2.45	2058.00
5	Irrigation 6 times	5040	No.	1.39	7005.60
6	Weeding & Hoeing 3 times	2520	No.	0.91	2293.20
7	Cattle Guard	3	Month	4550.00	13650.00
8	Plantation Board	1	No.	2500.00	2500.00
9	Other Expenditure	0	LS	0.00	777.60
				Total-	38000.00

Third Phase-Plantation Maintenance Work First Year

1	Irrigation of Plants 6 Times	5040	No.	1.39	7005.60
2	Weeding & Hoeing of Plants 3 times	2520	No.	0.91	2293.20
3	Cattle Guard	1	Month	4550.000	4550.00
4	Other Expenditure	0	LS	0.000	151.20
				Total-	14000.00

Fourth Phase-Plantation Maintenance Work Second Year

1	Irrigation of Plants 6 Times	5040	No.	1.39	7005.60
2	Weeding & Hoeing of Plants 3 times	2520	No.	0.91	2293.20
3	Cattle Guard	1	Month	4550.000	4550.00
4	Other Expenditure	0	LS	0.000	151.20
				Total-	14000.00


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Fifth Phase-Plantation Maintenance Work Third Year					
1	Irrigation of Plants 6 Times	5040	No.	1.39	7005.60
2	Weeding & Hoeing of Plants 3 times	2520	No.	0.91	2293.20
3	Cattle Guard	1	Month	4550.000	4550.00
4	Other Expenditure	0	LS	0.000	151.20
				Total-	14000.00
Sixth Phase-Plantation Maintenance Work Fourth Year					
1	Irrigation of Plants 2 Times	1680	No.	1.390	2335.20
2	Cattle Guard	0	No.	4550.000	0.00
3	Other Expenditure	0	Month	0.000	164.80
			LS	Total-	2500.00
Seventh Phase-Plantation Maintenance Work Fifth Year					
1	Irrigation of Plants 1 Times	840	No.	1.390	1167.60
2	Cattle Guard	0	No.	4550.000	0.00
3	Other Expenditure	0	Month	0.000	332.40
			LS	Total-	1500.00
Eight Phase-Plantation Maintenance Work Six Year					
1	Irrigation of Plants 1 Times	840	No.	1.390	1167.60
2	Cattle Guard	0	No.	4550.000	0.00
3	Other Expenditure	0	Month	0.000	332.40
			LS	Total-	1500.00
Nine Phase-Plantation Maintenance Work Seven Year					
1	Irrigation of Plants 1 Times	840	No.	1.390	1167.60
2	Cattle Guard	0	No.	4550.000	0.00
3	Other Expenditure	0	Month	0.000	332.40
			LS	Total-	1500.00
Ten Phase-Plantation Maintenance Work Eight Year					
1	Irrigation of Plants 1 Times	840	No.	1.390	1167.60
2	Cattle Guard	0	No.	4550.000	0.00
3	Other Expenditure	0	Month	0.000	332.40
			LS	Total-	1500.00
Eleven Phase-Plantation Maintenance Work Nine Year					
1	Irrigation of Plants 1 Times	840	No.	1.390	1167.60
2	Cattle Guard	0	No.	4550.000	0.00
3	Other Expenditure	0	Month	0.000	332.40
			LS	Total-	1500.00
Twelve Phase-Plantation Maintenance Work Ten Year					
1	Irrigation of Plants 1 Times	840	No.	1.390	1167.60
2	Cattle Guard	0	No.	4550.000	0.00
3	Other Expenditure	0	Month	0.000	332.40
			LS	Total-	1500.00


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S.No.	Phase	Amount (in Rs.)
1	First	55000
2	Second	38000
3	Third	14000
4	Fourth	14000
5	Fifth	14000
6	Sixth	2500
7	Seventh	1500
8	Eight	1500
9	Nine	1500
10	Ten	1500
11	Eleven	1500
12	Twelve	1500
	Total:-	146500
	Escalation Charge 10%	14650
	Total:-	161150

(M.K. Shukla)
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