

e-Yantra Farm Setup Initiative List 1

Component/Resources	Quantity/ Description	Rate	Total Cost	Suggested Vendor
Area/space (sq.ft.) (1 Unit)	150			
Black mapal troughs (HDP)	30	450	13500	http://www.agriplast.in/ http://www.ethicsagrotech.in/Greenhouse%20Accessories-Trough
Growing Mediums: Compost soil (cu.ft.)	1200			
Seed	3	100	300	Online suppliers, for Mumbai http://www.namdeoumaji.com/contact/
Gardening Tools	1	2000	2000	Local Vendor /online suppliers /for Mumbai http://www.namdeoumaji.com/contact/
Making of Amrit Mitti				
Organic Jaggry	1	80	80	Grocery shops
Cow dung				Local Vendor
Cow urine	20	10	200	Local Vendor
Dry biomass for 10X3ft	300 kg			
Bucket	3	300	900	Local Vendor
Mug	1	20	20	Local Vendor
Recycle Drum (200L)	1	1200	1200	Local Vendor
Irrigation Systems				
Irrigation drip Pipe (16mm)	30	20	600	Jain Irrigation Systems Ltd. / Finolex India
irrigation polytube				
Irrigation L connector (16mm)	15	5	75	Jain Irrigation Systems Ltd. / Finolex India
PVC to polytube FT connectors	3	20	60	Local Vendor
PVC pipe 15mm	2	150	300	Local Vendor
PVC T connector (16mm)	2	25	50	Local Vendor
PVC L connector (16mm)	1	25	25	Local Vendor
PVC FT connector	3	25	75	Local Vendor
Reducer 25mm to 15mm	5	15	75	Local Vendor
Water tank (200L) (if required)	1	2500	2500	Local Vendor
Electronics				
Bistable, Latching Solenoid valves, Operating Pressure 0.2 to 5 bar, Model L 1/180, 1/2" x 1/2",	5	500	2500	General Imsubs
Submersible pump (Optional)	1	1000	1000	Local Vendor
Total			25460	

*Considering college has wifi connectivity

Disclaimer : The components recommended is for creating a prototype as per our design specifications and these components are generally available with one or all of the suggested vendors. The prices provided here in the list is an approximate value, based on the purchases we do for the lab through various vendors. The vendors names suggested here are for your convenience however, you may like to survey the market and get the best prices for the components recommended.