

10. RESOURCE REQUIREMENT

Farm Machinery and Crop Production Lab

Sr.	Description of Tools	Cost (Rs.)
1	Miscellaneous Workshop Tools	1,00,000
2	Primary Tillage Implements(Ploughs etc.)	1,00,000
3	Secondary Tillage Implements(Harrows etc.)	1,00,000
4	Sowing & Planting Machinery(Seed Drills, Planters & transplanters)	2,00,000
5	Interculturing Tools(Cultivators, Hoes etc.)	1,00,000
6	Fertiliser Distributors & Manure spreaders	50,000
7	Plant Protection Equipments(Sprayers, Dusters etc.)	1,00,000
8	Harvesting Machinery(Mowers, Reapers etc.)	1,00,000
9	Diggers	50,000
10	Threshers	1,00,000
11	Land Levellers	1,00,000
12	Power Tiller	1,00,000
13	Horticultural tools	1,00,000
14	Subsoiler	20,000
15	Puddler	15,000
16	Cage Wheel	15,000
17	Ridger	15,000
18	Seed Treater	15,000
19	Traditional Implements	50,000
20	Models, Charts/ Drawings & Video CDs for use as Teaching Aids	50,000

FARM IRRIGATION & SOIL AND WATER CONSERVATION LAB

Sr.	Description	Cost(Rs.)
1	Centrifugal Pump	10,000
2	Submersible Pump	50,000
3	Infiltrimeter Set	20,000
4	Pan Evaporimeter	10,000
5	Sprinkler irrigation system set	1,00,000
6	Drip irrigation system set	25,000
7	Parshall Flumes, weirs & Notches	20,000
7	Cut Section Model of Centrifugal Pump & Submersible Pump	40,000
8	Models, Charts/ Drawings & Video CDs for use as Teaching Aids	20,000

IC ENGINE LAB		Cost(Rs.)
1	Diesel engine & Petrol Engine of different make	1,00,000
2	Tool set for engine dismantling & assembling	25,000
3	Measuring tools	20,000
4	Nozzle testing machine	5,000
5	Cut Section models of diesel engine & Petrol Engine	50,000
6	Cut Section models of two stroke & four stroke Engine	50,000
7	Models, Charts/ Drawings & Video CDs for use as Teaching Aids	20,000

FARM TRACTORS LAB

Sr.	Description	Cost(Rs.)
1	Tractors (2-3 tractors of different make & Power)	10,00,000
2	Air compressor	25,000
3	Tractors washer	25,000
4	Model of Steering System	50,000
5	Model of Clutch & differential	50,000
6	Model of Gear box	50,000
7	Hydraulic trainer	1,00,000
8	Models, Charts/ Drawings & Video CDs for use as Teaching Aids	50,000

RENEWABLE ENERGY SOURCES LAB

Sr.	Description of Tools	Cost(Rs.)
1	Solar cooker-domestic	1,800
2	Solar cooker-parabolic type	6,000
3	Solar water heater(100 liter/day)	25,000
4	Solar Lantern	2,500
5	Solar lighting system with gadgets	25,000
6	Solar photovoltaic water pump	1,60,000
7	Wind mill model	10,000
8	Models, Charts/ Drawings & Video CDs for use as Teaching Aids	50,000

POST HARVEST TECHNOLOGY AND AGRO PROCESSING LAB.

Sr.	Description	Cost(Rs.)
1	Measuring instruments(verniers caliper,micrometer,height gague-1set	10,000
2	Moisture meters of different types	50,000
3	Digital balances	80,000
4	Hot air ovens	80,000
5	Working Lab Models/ Prototypes for different types of dryers used in agro processing industries	1,00,000
6	Grain storage bins	30,000
7	Refrigerator/ Cold Storge	50,000
8	Working Lab Models/ Prototypes for different types of material handling devices used in agro processing industries e. g. conveyors, elevators	50,000
9	Air screen cleaner-cum-grader-lab model	1,50,000
10	Working Lab Models/ Prototypes for different types of separators and graders used in agro processing industries	1,00,000
11	Mini rice sheller	60,000
12	dddd	60,000
13	Flour Mill	15,000
14	Pulse Mill(Mini dal mill)	60,000
15	Working Lab Models of oil expellers	60,000
16	Working Lab Models of grinder	10,000
17	Working Lab Models of blender & mixers	10,000
18	Paletting Machine Model	25,000
19	Models, Charts/ Drawings & Video CDs for use as Teaching Aids	50,000

CAD LAB

Sr.	Description	Cost(Rs.)
1	Computer with(AutoCAD software) 10 Nos	5,00,000
2	Printers and Plotters	1,00,000
3	UPS	1,00,000