

## CHIRANG POLYTECHNIC

### A. Equipment in Farm Machinery and Equipment laboratory

Sl. No.	Name of equipment	Quantity	Price (Rs)	Remarks
1	Improved seed cum fertilizer drill	1	116820	
2	Hand tools Hoe, spade, etc.	12	17346	
3	Subsoiler tractor operated	1	55440	
4	Ridger tractor operated	1	53100	
5	Leveller tractor operated	1	34720	
6	Seed drill tractor operated	1	348100	
7	Thresher manually operated	1	263200	
8	Thresher power operated	1	330400	
9	Power operated grinder	1	7080	

### B. Equipment in Crop production technology laboratory

Sl. No.	Name of equipment	Quantity	Price (Rs)	Remarks
1	Plant protection machineries Sprayer manually operated, Sprayer power operated, etc.	5	84112	
2	Plant propagation	5	12390	
3	Leaf identification kit	5	23305	
4	Ganon's Potometer kit	5	7965	
5	Thermo incubator	1	47500	
6	Autoclave 150 liter	1	129800	
7	Botanical chart	1	1475	
8	Inverted tissue culture microscope	1	60770	

### C. Equipment in Farm Power laboratory

Sl. No.	Name of equipment	Quantity	Price (Rs)	Remarks
1	Air compressor	1	32450	
2	Single cylinder engine diesel	1	170510	
3	Single cylinder engine petrol	1	170510	
4	1,2 stroke 1 cylinder engine petrol 2,4 stroke 1 cylinder engine petrol 3,4 stroke 1 cylinder engine diesel	1	141010	
5	Fuel supply system	1	182900	
6	Model for clutches	1	87910	
7	Gearbox models	1	153400	
8	Differential gear models	1	70800	

9	Electrical power steering system model	1	80240	
10	Hydraulic power steering system model	1	60770	
11	Air compressor with 3 HP motor	1	115640	
12	Hydraulic mobile crane	1	76110	
13	Sprayer plug tester	1	19471	
14	Battery charger	1	13570	
15	Fuel injection pump	1	32450	
16	Old model for differential	1	50740	
17	Radiator model	1	32450	
18	Old serviceable model (3/4) speed gearbox	1	34810	
19	Old serviceable gearbox and complete class system	1	34810	
20	Set of compression ring, oil ring, scraper ring	1	11210	
21	A complete set of tool box	1	6490	
22	Conveyor belt	1	117410	

#### **D.Equipment in Post-harvest technology laboratory**

Sl. No.	Name of equipment	Quantity	Price (Rs)	Remarks
1	Gas cylinder with burner	1	8850	
2	Rice Miller (Mc Gill type)	1	51330	
3	Rice sheller	1	115050	
4	Rice testing mill	1	94400	
5	Dial caliper	2	24780	
6	Multipurpose grinder	1	135700	
7	Rice broken separator	1	123900	
8	Rice whiteness tester	1	259600	
9	Seed grader	1	73750	
10	Universal moisture meter	1	61950	
11	Grain analysis kit	1	10030	
12	Electrical juice extractor	1	3481	
13	Hand operated juice extractor	2	24780	
14	Tomato bailey pulper	1	64900	
15	Refrigerator	1	32450	
16	Crown making m/c	1	54280	
17	Pilfare proof cap sealing M/C	1	8791	
18	Mixer grinder	1	3481	
19	Pineapple slicer	1	1770	
20	Weight balance	1	7552	
21	Chemical weight balance	1	8142	
22	Gas cylinder with canteen burner	1	11210	
23	Stainless steel sieve with wooden frame	3	27789	
24	Autoclave	1	100300	
25	Homogenizer	1	123900	

26	Cream separator	5	76405	
27	Lactometer	1	767	
28	Foot operated sealing machine	1	37170	
29	Fill sealer machine	1	10620	
30	Power operated grinder	1	7080	

#### **E.Equipment in water resource laboratory**

Sl. No.	Name of equipment	Quantity	Price (Rs)	Remarks
1	Rain gauge	2	20060	
2	Self-recording/ automatic type	1	93220	
3	Recording/ automatic type	1	37760	
4	Pan evaporimeter	1	106200	
5	Infiltrometer	1	46610	
6	Current meter	1	129800	
7	Weather instrument information complete setup	1	106200	
8	Open pan evaporimeter	1	73750	
9	Run of measurement instrument along with flume (100*300*2500) mm with its accessories	1	584100	
10	Rapid moisture meter	5	73750	
11	Reciprocating pump test rig	1	164610	
12	Centrifugal pump test Rig	1	164610	
13	Submersible pump testing	1	164610	