



The following equipment has been shortlisted for procurement in 2022-23

Sl. No.	Name of the Equipment	Cost (Approx.) (Rs in Lakhs)
1.	HPLC/UPLC	50.0
2.	Seed storage cum cold room	35.0
3.	Rotatory evaporator (02)	14.0
4.	Laser leaf area meter	10.0
5.	Leaf Spectrometer	10.0
6.	Sprinkler Irrigation system for Chandpur farm	10.00
7.	Rotary Evaporator	10.00
8.	Incubator shaker	8.00
9.	Computer Workstation/ server	18.00
10.	Micro-volume UV Visible Spectrophotometer	12.00
11.	Bioreactor (50-litre working volume)	30.00
12.	Growth Chambers	25.00
13.	UPLC –with UV-Visible and Diode Array Detector	25.00
14.	Incubator shaker (2 Nos.)	10.00
15.	Open orbital shaker (double layer) (2)	10.00
16.	Prep-HPLC	70.0
17.	Fume hood (2)	12.0
18.	Crystalliser	7.0
19.	Sparkler type filter press with zero hold up 14 inch X 10 plates having filtration area atleast 1.0 sqm All stainless steel 304 along with tanks and accessories	6.0
20.	Modified Atmospheric Packaging Machine	25.0
21.	Fluorescent Stereo Zoom microscope	10.0
22.	Plate reader with qubit fluorometer and Nanodrop	20.0
23.	Haematology analyser	10.0
24.	Equipment for Drosophila facility (CO2 regulators, Drosophila incubators, 4C refrigerators, -20C refrigerators)	20.0
25.	CO2 incubator with plate shaker	8.0

26.	LiDAR with RGB sensor	60.0
27.	Upgradation of ArcGIS software	15.0
28.	Sap Flow System (06 units)	12.0
29.	Plant Growth Chamber	10.0
30.	Agriculture Spray Drone	10.0
31.	Upgradation of Erdas Imaging software	5.0
32.	Minor equipment (PCR Machine, Flourometer, Orbital Shaker Incubator, Vertical Refrigerator, Chlorophyll Meter, Water purification system, Refrigerated centrifuge, Dry water bath, Rotavapor chiller, Alcohol meter probe type digital, Digital Weighing balance cap 100 kg max, Basket type centrifuge, Liquid Nitrogen containers & CO2 Cylinders, Electronic Dendrometer, farm tools (Brush cutter Chain saw cutter), Laptop, Compact camera etc.	66.00
Total		643.00

Disclaimer: This is a tentative list and the instrument may or may not be purchased in this financial year.