

## Annual Procurement Plan of CSIR-CSIO for the FY 2020-21

### Apparatus & Equipment

S. No.	Name of the Equipment
1.	Rota Vapour
2.	Screen Printer or Wax Printing Machine
3.	Handheld Trans illuminator
4.	Magnetic Stirrer
5.	Bench Top-Meter
6.	Computer/Server
7.	Accessories, Software for 3D Scanner
8.	Lab Incubator /Hot air oven
9.	Laminar flow cabinet/safety cabinet
10.	Actuators, guides, LM systems/MIL type
11.	Commercial actuators
12.	Portable machining Centre
13.	Precision Opto-mechanical Stages; Other electronic and optical components
14.	Light sources
15.	Laptop/Display Unit
16.	Pressure Calibrator
17.	Opto-mechanical components, hot-tip probe
18.	Minor Equipment (Microfluidic parts fabrication setup, software, Lamps etc.), Microfluidic pump and operating software kit, Carbon dioxide incubator
19.	Workstation, Desktop, Data Acquisition system/Smart Devices
20.	Multichannel Workstation and Light Source
21.	Lock in amplifier, 2 Channel Synchronized function generator, Gas mixing system for known concentration, license software 10b view, Gas cylinders
22.	Collimated LEDs of 365, 405, 455, and 530 nm
23.	Programmable Dip Coater
24.	4 Channel LED controller
25.	Xenon lamp light source
26.	Muffle furnace
27.	pH meter
28.	Optical power meter
29.	Autoclave reactor
30.	Heating oven/chamber
31.	SLD Laser Source and accessories
32.	Computers, workstation, laptop and computer accessories such as multifunctional printers
33.	High Temperature Furnace
34.	UPS
35.	Magnetic Stirrer
36.	Weighing Machine
37.	Centrifuge

38.	Rack Servers
39.	Network Switches
40.	Scanner
41.	Server Rack, KVM with monitor and accessories
42.	LCR Meter Advanced
43.	Magnetic stirrer
44.	High resolution weighing system
45.	FTIR spectrophotometer
46.	Bio-Safety Cabinet
47.	UPS For 3D printer Compressor
48.	Handheld Echocardiography
49.	808nm laser diode with power controller
50.	Rework Station
51.	Avionics Simulator
52.	Fiber Optic channel (Tx/Rx) based display Simulator
53.	Fluorescence Microscope
54.	Upgradation of existing Sputtering system
55.	XYZ positioner
56.	Digital Seismic Recorder
57.	Electrochemical Workstation
58.	Electrospinning setup
59.	Spare part of UV vis spectroscopy system
60.	Vertical Laminar hood for cell culture
61.	Tapping Machine
62.	Portable Sound Analyzer with accessories
63.	Laser Cutting Machine for Metal Cutting, Marking, etc. Applications
64.	Dry block temperature calibrator (-85°C to 125°C)
65.	Vibration Calibrator
66.	VC Facility
67.	Gas Flow Analyser with anaesthesia gas module & Accessories
68.	Anechoic Chamber