

CSIR-CEERI List of Goods (Equipment) Planned to be procured for existing projects during FY2023-24

- Vacuum pumps and pressure gauges with controller
- Gas collection and scrubbing unit
- Workstation
- UPS for workstations
- Conveyer belt system (custom made)
- Oil separation units
- Mechanical tool sets and tool boxes
- Hot air blower, compressor
- PLC controller & associated devices (customized)
- Ultrafast GC
- Fluorometer
- Workstation/PC/ Monitor /
- AR/VR Headsets (including Accessories)
- Computing Workstations
- Display Terminals
- Tablet Device with Media Recording and other accessories
- Ion pump with controller
- Electromagnet
- 1 Tesla electromagnet and its power supply
- High voltage Power Supply and HV probe
- RF components
- Modelithics Library
- Gas burner for glass blowing, ozone analyser
- Fiber optic thermometer, Pulse power supply
- Miscellaneous equipment
- TEM with sample preparation unit
- Thermal Evaporator
- Deep Reactive Ion Etching (DRIE)
- Plasma Enhanced Atomic Layer Deposition (PE- ALD)
- Effluent Treatment Plant (ETP)
- PLC system
- Hand held XRF system
- SS Chamber
- Exhaust system
- Fire Alarm System
- CCTV Camera System
- Networking Switches, WiFi Routers
- Firewall System (including SW accessories)
- DI water system
- RO water System
- Laser Dicing Machine
- Microwave Plasma CVD System
- High Temperature Furnace

- Impulse Tester (1.2*50 output)
- IP Testing System with accessories (Test Probe for 3x Testing, Test probe for IP20 testing, IPx34 oscillating Tube, etc.)
- SMD Stencil Printer for PCB Assembly
- Centrifuge
- Chemicals, glassware, pipettes, Nozzles, etc.,
- NMR grade Chemicals, solvents
- Solder paste, Nozzles, Feeders, & cleaning solutions
- UPS with battery Bank
- VR Headset and 3D modelling software Oculus Quest All in One system
- Workstation with Intel Xeon Silver Series Processor, Computers
- GPU Card 24 GB/32GB, Network Switch
- Embedded Platforms
- NIR Sensors, Thermal Sensors
- Mobile Workstation/ High End Laptop
- RGB Camera, Vision Sensors
- Robotic Manipulator High Speed Vision Sensors
- Drone Vision Sensors
- Embedded Platforms for Processing of Vision Sensor Data from Different Sensors
- Electronic components for heating module and overall electronic system
- SBC/embedded board/microcontrollers
- electronic components for data acquisition system
- components required for actuator integration
- MEMS sensors (pressure, temperature, accelerometer, gyroscope, microphone), BMS, Battery, TxRx Boards & Kits, TPMS SoC kit
- Embedded boards (SoC)
- Internet of Things (IoT) enabled- Devices, sensors also include all cell, battery, power cables, and other minor components needed for data collection and portable data loggers
- Semiconductor devices, cables, controllers, passive devices, Actuators, control modules, communication & web publishing modules
- Embedded development Boards
- Processors Chips, OLED, optical and other sensors, batteries, switches, steering wheel covers with conductive clothes
- Soldering accessories, USB cables,
- EEG Device Consumables used for Data Collection, Sensor Connectors, other required Software Modules and hardware components/accessories
- Electronic boards and consumables, consumables for computers and software modules.
- Hardware Accelerators, Embedded Platform Components, batteries, spares for existing drones payloads
- Components and Connectors for vision sensors with drone, connectors for embedded platforms, required Software Modules and hardware components/accessories.
- Sensors for image capture and obstacle avoidance purpose, microcontrollers, electronic components for data acquisition, and components required for integration,
- Battery for UPS, Hard Disk for data collection and storage
- Storage expansion system (Expansion kit, HDDs, GPUs),
- DGX Servers' Maintenance, Spare Parts of DGX Servers

- NetAPP SSD for Servers
- Work Station and PCs
- FPGA/Embedded Platforms with Vision Sensors and Synchronization Setup
- Printers
- Laptops
- Edge Analytics Platforms
- High Voltage DC Tester with Accessories
- X-ray Radiation Meter
- Digital Multi Meter
- X-ray Monitor
- Split Air-conditioned
- Mechanical tool kit, Drill set
- Near Infrared Hyperspectral Imaging Camera with accessories
- Mechanical sub-systems with control systems and software for waste plastics with accessories
- High-throughput waste plastic sorting system with control systems, software & accessories
- Laptop with GPU
- Assorted computational modules, edge devices, neural accelerators, mini-PC, GPUS, monitors and other minor equipment
- Laser color printer
- Assorted mechanical sub-systems, compressors, motors, drives and related minor equipment and instruments such as tachometer, thickness gauge
- Software such as Optical simulation software, PDF editor, scripting tools
- Photonic modules with software including IR detector kits, optical filters, optical multiplexers (4x1, 8x1, 16x1), IR sources, photo-diodes, probes and related accessories; Optical design software; minor instruments such as lux meter, optical power meter
- High end Workstations/computers
- Audio visual items & storage devices including camera, headphones, graphical tablets, WiFi Routers, harddisks and related accessories
- THz-TDS system upgradation
- Multi-functional printer
- Optical power meter
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