**CSIR-CGCRI**

**IITD**

**PROCUREMENT PLAN for 2024-2029**

**A. Equipments**

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| Sl. No. | **Name of the Items**  **(IT items)** |
| 1 | Laptop with i7/i5, 8 GB RAM, SSD,  Windows 11 |
| 2 | Desktop with i7, 8 GB RAM, SSD,  Windows 11 |
| 3 | Multi-functional printer |
| 4 | Computers |
| 5 | Switches (Core, Distribution) |
| 6 | Servers |
| 7 | Firewall |
| 8 | UPS |

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| Sl. No. | **Name of the Items**  **(Instrumentation related items)** |
| 1 | 12 inch Passive Loudspeaker |
| 2 | Power Amplifier , |
| 3 | 12x Optical Zoom PTZ Camera Full HD 1080p . |
| 4 | Bluetooth USB wireless conference room speaker phone ; |
| 5 | Wireless Lapel Mic System |
| 6 | Goose neck Microphone |
| 7 | Portable active speaker system with stand & mic |
| 8 | 85" Signange /Display Panel with height adjustable & movable stand |
| 9 | 75" Signange /Display Panel with height adjustable & movable stand |
| 10 | Digital Standee |
| 11 | Desktop Computer i7 |
| 12 | Industrial DC power supply, 200V, 50A, 3kW |
| 13 | Handheld RTD calibrator (2,3,4 wire RTD source, measure and simulation) |
| 14 | Industrial 41/2 digit true RMS mulimeter,1000V AC/DC,10A AC/DC |
| 15 | True RMS AC/DC clamp meter with power , power factor, inrush current measurement facility,1000V AC/DC,1000A AC/DC |
| 16 | 5kVA online UPS |
| 17 | Temperature controller with 24V DC power supply, universal input, relay and SSR output, one program 8 segment |
| 18 | Temperature controller with 230V AC power supply, universal input, DC output, 4 programme,16 segment |
| 19 | Supply , installation , testing & commissioning of VIDEO WALL INDOOR P2.5 at M.N. Saha Auditorium |
| 20 | Supply , installation , testing & commissioning of 10 KVA online UPS at M.N. Saha Auditorium |
| 21 | 110" UHD Signange /Display Panel with height adjustable & movable stand for A. P. C Roy Seminar Hall |
| 22 | Supply, installation , testing & commissioning New Audio-Visual Conference System supported by MS link, Google meet etc. at D. Basu Committee Room |
| 23 | Supply, installation , testing & commissioning of Conference System at APC Roy Seminar Hall |
| 24 | Graphic Equalizer |
| 25 | Vocal Microphone |
| 26 | Multi-product electrical calibrator |
| 27 | Component parameter test analyser |
| 28 | Low speed precision cutter |

**B. Consumables**

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| **Sl. No.** | **Name of the Items**  **(IT items)** |
| 1 | Toner Cartridges. |
| 2 | Batteries etc. and other misc. items |
| 3 | Maintenance/AMC/repairing of existing equipment |
| 4 | IT / software-related items (Firewall license,  Antivirus/Windows, MS Office, SSL etc.) |

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| **Sl. No.** | **Name of the Items**  **(Instrumentation related items)** |
| 1 | R & D consumables for different types of furnace, glass & ceramic processing equipments & analytical equipments (**Helium Gas**, heating element for high temperature furnaces, temperature controller and standard noble metal thermometer, diamond cutters, pcb boards, electrical & electronics components of above equipments) |
| 2 | Chemicals (Viz.- solvents, acetones , alcohol, CCL4 , ) |
| 3 | Other consumables (ex- Insecticide, Raw materials, Packing Material, Column, Syringes, Filter paper, Chemical standards, Silver paste etc.) |
| 4 | Glass wares (beaker, conical flask, glass tube) |
| 5 | Plastic Wares |
| 6 | Toner cartridges |
| 7 | Batteries [ Rechargeable & Non-rechargeable Battery, Battery charger, battery button cell, etc. of different size & ratings for different audio-visual equipments, ups systems  and different instruments ] |
| 8 | Maintenance/AMC (EPABX systems)/repairing of existing equipment’s |
| 9 | Stationery items |
| 10 | IT /Software related items |
| 11 | Electric items [ Telephone Handset , (IC , transistor, resistor, capacitors ,diodes, circuit boards , Solder, Soldering Flux , relay, switch, lamps , Projector-lamps , connectors, contactors, insulators, sockets, meter, transformer, push-button, thyristor , thyristor  -drives thermocouple, wire etc.) and drill bits , cutting blades , Tools , PVC insulated cable , mustimeters /clampmeters, electronic PCB mount components, electrical and electronic tools, wire , adapter , cables , splitter , converter , socket , usb hub (such as speaker cable , microphone cable , HDMI , DP, USB , 3.5 mm , 6.5 mm , Male socket , Female socket etc , ] |