

CSIR-Central Electronics Engineering Research Institute, Pilani
List of Chemicals & consumables proposed to be procured during 2020-21

Name of Consumables
DuPont Material
Wire -1.0-Au One 2"spool of 1.00 mil gold wire Wire -0.7-Au One 2"spool of 0.7 mil gold wire Capillaries
Epoxies
Keithley 4200 Upgrade
Oven spare parts
Spares for Sputtering system
a. Gate valve- Two (02)
b. Seal Kit- Two (02)
c. Pressure gauge FRG-720 - 1 No.
d. Sensor for FRG-720 - 04 No.
Mask aligner Spares
LCD display for DAD 6450 Dicing system
Face Masks (chemical, gas, etc.)
Eye glasses (Chemistry)
Gloves
Targets (Gold)
GSR Sensor, Pocket clip for MMC&MMR and other sensors
Chemicals&Consumables for RO Plant
AMC of 150 TR Water Chiller (01)
Sputter coating (Os)Targets (01)
Vacuum processing station upgradation (High ceiling lab) (01)
Misc. Laboratory items (Cartridge for different printers, UPS batteries, Taflon tape, isolation tape, button cell for Vernier calipers, pencil cells for wall clocks, water pipe clamp and SS quick coupling, screw driver set of different sizes, tweezer and file sets, neoprene Sheet, SS nut-bolts, crane sling and D-clamps, Water Pressure pipe, Chillers gases, first aid kits for labs, Napkins and paper rolls, sanitizers, masks
Enameled copper wire with rectangular cross section (50 kg)
Vacuum & Gas line components
Gas line valves, all metal vacuum valves (right angle, bellow), Bellows, Flanges of different sizez, Gaskets, adapters and isolators, heating tapes, fastener, glass/quartz windows, feedthroughs on different size flanges, etc.
Brazing Alloys, Gases and metal and ceramic Materials/ components
Brazing Alloys of different compositions/ melting temperatures, Special gases like Xenon, Neon etc., Ceramic and metal Materials
RF components such as Diode Detectors, mixer, horn antenna, band pass filter, connectors, silicon cables etc, liquid crystal

VSIM one year Support (01)
Office 365, Adobe acrobat, Antivirus and other computer accessories
Liquid Nitrogen & Special Gases Gases (SF ₆ , CF ₄ , CHF ₃ , SiH ₄ , Ph ₃ , B ₂ H ₆ , CO ₂ , etc.) and General purpose Cleanroom Chemicals and consumables
Gas in cylinder (N ₂ , H ₂ , Ar, O ₂ , He, DA, etc.)
Chemicals and Consumables for MWD Lab
AMC of Hydrogen Plant (Comprehensive)
Internet Lease Line for CEERI-Pilani (Annual renewal)
Internet Lease Line for Jaipur & Delhi Centres (Annual renewal)
Welding Consumables, Hand Tools, Machine Tools, EMD wire, Metal Rods, Metal Sheets and other Misc. consumables for workshop
Safety Items and Consumables
Refilling of Fire Extinguisher