

Annual Procurement Plan of CSIR-CSIO for the Year 2022-23 & Year 2023-24

Chemicals & Consumables

S. No	Name of the Consumables
1.	Upgradation of Mimics Innovation Suite software from version 21 to version 25
2.	EOS Ti64 ELI Metal Powder
3.	<p>Optical Components:</p> <ul style="list-style-type: none"> • Lenses, Mirrors, Beam Splitters, Diffraction Grating (Binary, Blazed etc), Hard Mask for diffraction grating, Glass Sheets (polished/raw), Holographic Grating, Diffuser, etc. • Optical Adhesives, Optical Cement, UV Safety Goggles etc. • Diamond cutting pen • LED lights, chips etc. • Laser pointer, other light sources. • Glass materials of various dimensions and thickness • Large-size display panels • Micro-display sources (DMD, FLCOS, LCOS, Micro-LED panel etc.) • Other miscellaneous optical components
4.	<p>Lab Consumables:</p> <ul style="list-style-type: none"> • Hand gloves, Pippets, beakers, graduated beakers, air tight desiccator, storage boxes etc • Elastometer Kit
5.	<p>Fabrication Job:</p> <ul style="list-style-type: none"> • Fabrication of various types of optical components • Fabrication of diffraction grating master/mould
6.	<p>Lab Consumables:</p> <ul style="list-style-type: none"> • ZnS, & Plastic Substrates • Sapphire Substrate (Flat and Hemispherical)
7.	<p>Lab Consumables:</p> <ul style="list-style-type: none"> • Chemicals, Glasses, Optical, Mechanical & Electronic Components, Holographic Material, Fasteners, Fixtures etc.
8.	<p>Lab Consumables:</p> <ul style="list-style-type: none"> • Arduino Nano cable 1 meter • OLED (1.3 inch) • Glue gun sticks • Contactless temperature sensor MLX90614 • 7 inch LCD display touch screen • Relay 12V, 30A • DC Power module 15V, 23A
9.	<p>Lab Consumables:</p> <ul style="list-style-type: none"> • 3-Cyanobenzamide CAS3441-01-8 Amount required 1 g Purity > 95% • Gambogic Acid CASNo-2752-65-0 Amount required 1 g Purity > 95%

10.	Lab Consumables: <ul style="list-style-type: none">• Cyclopiazonicacid, 5 mg• Fumonisin B1 Solution, 1 ml
11.	Lab Consumables: <ul style="list-style-type: none">• Gallic acid 98% pure or better (100 g)• Polyvinyl alcohol (25 g)• TEMED (250 ml)• Electrolyte solution 3.5M KCl + AgCl (30ml)• Hydrogen peroxide 30 wt% (500 ml)