



सीएसआईआर-प्रगत पदार्थ तथा प्रक्रम अनुसंधान संस्थान
CSIR-Advanced Materials And Processes Research Institute

ANNUAL PROCUREMENT PLAN: 2023-2024

Annual procurement plan for P07 budget head

Items	Tentative Price (Rs. in Lakh)
Oxide Materials: Bi ₂ O ₃ , CeO ₂ , WO ₃ , TiO ₂ , ZrO ₂ , GO, ZnO and related oxide materials	05 Lakh
Polymer Materials: PVA, PVP, HDPE, LDPE, SMP, PVC, epoxy, phenolic resin, and related polymeric material	07 Lakh
Metal Powder/materials: Al alloys/ingots, Al alloy 7075/6061, metal precursor, metal hydrides, and related metal materials	10 Lakh
Nitride/carbide Materials: silicon carbide powder, MAX phase precursor, and related materials	03 Lakh
Sulphide/selenide Materials: WS ₂ , MoSe ₂ , MoS ₂ , and related materials	03 Lakh
Chemicals/salt: Bismuth subsalicylate, methacrylic acid, silver nitrate salt, hydroxylamine hydrochloride, 11-mercaptoundecanoic acid, potassium ferricyanide (III), Nafion, tween 20, gold chloride trihydrate, goat anti-human IgG-HRP, goat anti-human IgG-HRP, acetone, nitric acid, ammonia, IPA, PR, HF, fluorescent dyes, KOH, HI, Na ₂ SO ₄ , KH ₂ PO ₄ , and related other chemicals	10 Lakh
Other material/ powder: boron powder, titanium hydride, CaH ₂ , Auric chloride, graphite flakes, screen printed electrodes, chitosan, nanocellulose, naffion, and related materials	03 Lakh
Lab Consumables: X-ray tube 1 kW, MFC, tribo-cup, electron microscopy consumables, aperture for SEM, In-lens detector with aperture strip for FESEM, heating element for vacuum furnace, repair of FESEM EDS, silicon	50 Lakhs

wafers, micropipette, repairing of UPS, centrifuge tube, microtips, furnace coils, and related materials	
Other Consumables: gloves, plasticware, filtration aids, tweezers, glassware, ceramic boats, Outdoor cables, RJ-45 Lan connectors, PVC box,	04 Lakh
Gases: purging gases, Ar, N2, O2, CH4, C2H2, liquid nitrogen, and related gases	03 Lakhs
Analysis: EBSD, XPS, XRD, SEM, etc.	02 Lakhs
Annual maintenance: TEM, FESEM, atomic absorption spectrophotometer, Chiller service	10 Lakhs
ICT Related: printer consumable, renewal of firewall, consumables Microsoft office, SMPS, USB hub, keyboard, mouse, RAM, SSD, HDD, Routers, Network Switches, AP, C-Type to HDMI, LAN and other Convertor, Fibre media Convertor, LAN Cables, Telephone wires, cartridge, UPS of Equipments, End Point Security (EPS) Total, HDMI Switcher/Splitter, UPS Batteries.	37 Lakhs
Stationary: plain copier paper, file cover, issue books for stores, calculator, CDs, pen, register, stamps, and related materials	06 Lakh

Note: The annual procurement plan shall not be construed as initiation of a procurement process and cast any obligation on the procuring identity to issue the bidding document or confer any right on prospective bidders (Rule 144(x) of GFR 2017).