

CSIR-Central Glass & Ceramic Research Institute

Name of the Division: **FOPD**

Consolidated Procurement Plan Format for the FY 2024-2025

(Out of the Externally Funded Projects and CSIR Funded projects, i.e., other than P50 and P07)

(A) Procurement Plan out of Externally Funded Projects (i.e. GAP, SSP, TSP, CLP, etc.)

Sl. No.	Name of the Equipment/items	Project No.	Cost (Tentative, in Rs.)
1.	Autocorrelator	GAP0186	20,00,000.00
2.	Real time spectrum analyser	GAP0186	20,00,000.00
3.	Diode driver	GAP0186	15,00,000.00
4.	Sensor head	GAP0186	6,00,000.00
5.	Chiller	GAP0186	6,00,000.00
6.	Controller with Display	GAP0186	6,00,000.00
7.	Workstation	GAP0183	18,00,000.00
8.	Desktop computer	GAP0183	1,25,000.00
9.	Laptop / Notebook	GAP0183	1,30,000.00
10.	Colour and black and white printer	GAP0183	30,000.00
11.	Rugged laptop / Industrial PC	GAP0183	5,00,000.00
12.	Network adaptors, hub and switches	GAP0183	5,000.00
13.	Monitors	GAP0183	10,000.00
14.	Off line UPS	GAP0183	7,000.00
15.	Online UPS with 2hrs backup	GAP0183	2,00,000.00
16.	Industrial PC	GAP0183	1,00,000.00
17.	Single Board Computer	GAP0183	40,000.00
18.	CCD based / tunable laser based Optical Wavelength detector and Monitoring System	GAP0183	5,00,000.00
19.	Power Sensor Head , Optical Power and energy meters for continuous and pulsed laser	GAP0183	5,00,000.00
20.	Laser beam profiler	GAP0183	10,00,000.00
21.	Broad band light source for FBG interrogation	GAP0183	3,00,000.00
22.	Broad band light source for FBG inscription system	GAP0183	10,00,000.00
23.	CMOS camera, area scan camera	GAP0183	3,00,000.00
24.	Fused silica Lens, prisms, beam splitters, dichroic mirror, polariser, wave plates	GAP0183	6,50,000.00
25.	LED light module and drivers for FBG inscription	GAP0183	3,50,000.00
26.	Wavelength Monitoring System (Custom built) C band with analog voltage and 4-20 mA output (16 channel)	GAP0183	7,50,000.00
27.	Optical fiber translation system of FBG inscription	GAP0183	15,00,000.00
28.	Erbium doped fiber amplifier	GAP0183	2,50,000.00
29.	High power narrow bandwidth laser for distributed sensing along with driver module, (Tunable DFB Laser diode with driver module for distributed sensing)	GAP0183	23,00,000.00


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30.	High speed detector and data recorder	GAP0183	6,50,000.00
31.	Electronic Hardware module for tunable laser based FBG interrogation system	GAP0183	15,00,000.00
32.	Driver module for tunable laser	GAP0183	4,50,000.00
33.	FBG interrogator	GAP0183	35,00,000.00
34.	OEM wavelength decoder	GAP0183	5,00,000.00
35.	Hot Plate	GAP0183	15,000.00
36.	Soldering work station	GAP0183	15,000.00
37.	Multimeter	GAP0183	30,000.00
38.	FPGA evaluation board (C)	GAP0183	20,00,000.00
39.	Arbitrary Function Generator	GAP0183	8,00,000.00
40.	DC power Supply	GAP0183	2,00,000.00
41.	Compact DAQ cards, PCIe DAQ card with AI/ DIO/ AO , systems, BNC connector Block , Twisted pair cable	GAP0183	1,00,000.00
42.	DAQ (PXI) 8-Channel with PXI Controller and Chassis	GAP0183	35,00,000.00
43.	Climate Chamber	GAP0183	30,00,000.00
44.	Vibration isolated Working tables with granite top or Stainless Steel top	GAP0183	4,00,000.00
45.	Ultra-Precise LM Stage 100mm	GAP0183	11,70,000.00
46.	Universal Motion Controller 8 axis	GAP0183	14,00,000.00
47.	ILS200HA Motorized linear stage 200mm travel	GAP0183	10,25,000.00
48.	MMCABLE-REG inline 5V voltage regulator	GAP0183	24,500.00
49.	MCAB-5 Cable Assy. 5 meter	GAP0183	36,000.00
50.	ILS100HA Motorized Linear Stage 100mm travel	GAP0183	8,90,000.00
51.	XPS-DK22 CABLE kit	GAP0183	54,000.00
52.	XPS-DRV11 Motion controller card	GAP0183	96,911.00
53.	TRA25CC Motorized Actuator	GAP0183	1,19,319.00
54.	PR50CC Motorized Rotation Stage	GAP0183	2,35,000.00
55.	Piezo accelerometers	GAP0183	1,00,000.00
56.	Piezo positioners	GAP0183	4,50,000.00
57.	Reference piezo pressure sensors Range 10 Bar - 150 Bar	GAP0183	1,50,000.00
58.	Strain sensor calibration system	GAP0183	52,00,000.00
58.	Dry Block temperature calibrators fiber Bragg grating temperature sensor calibration	GAP0183	20,00,000.00
59.	Labview with Vision Development Module	GAP0183	4,00,000.00
60.	Matlab along with toolboxes	GAP0183	21,00,000.00
61.	Vision Development Module	GAP0183	2,60,000.00

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(B) Procurement Plan out of CSIR Funded and In-house Projects (i.e. HCP, NCP, MLP, FBR, FTT, MMP, OLP, etc.)

(add rows as per requirements)

Sl. No.	Name of the Equipment/items	Project No.	Cost (Tentative, in Rs.)
1.	ns Pulsed Laser System	FTT080505	9,00,000.00
2.	Spectral domain OCT Spectrometer	FTT080505	28,00,000.00
3.	SWIR Line Scan Camera	FTT080505	11,00,000.00
4.	Infrared Beam Viewer	FTT080505	3,60,000.00
5.	Optical Components for SC Generation and SD-OCT (Consumables)	FTT080505	20,00,000.00
6.	Optical Fiber Resin Coating	FTT080505	8,00,000.00

END

