CSIR- Central Glass & Ceramic Research Institute
Name of the Division: RTCD
Procurement Plan
[Financial Year 2026-27]

[A] Equipment:

Table 1: Equipment for procurement during the FY 2026-27 and subsequent 3 – 5 years (under **Non-project mode**; out of **CSIR Grant / Lab Grant**):

Financial Year 2026-27			
S. No.	**Name of Equipment / Item**	**Quantity (Nos.)**	**Approximate Cost (Rs. in Lakhs)**
01	Particle Size Analyser	01	15
02	Infrared Moisture Analyser	01	4
03	High energy mill	01	10

Next 3-5 Years			
S. No.	**Name of Equipment / Item**	**Quantity (Nos.)**	**Approximate Cost (Rs. in Lakhs)**
01	Thermal Cycling Furnace	1	14
02	High-Temperature Viscometer	1	16
03	Weighing balance	1	2.0
04	Vacuum oven	1	2.6
05	Data logger system	1	2.0
06	Laboratory mixer	1	1.5
07	Hot plate	1	1.0
08	stirrer	1	0.5
09	Magnetic stirrer	1	0.5
10	Ultrasonicator/ultrasonic bath	2	0.8
11	Air compressor	1	2.0

Table 2: Equipment for procurement during the FY 2026-27 and Next 3-5 years under **CSIR-Funded Projects (CSIR Project Mode)**:

Financial Year 2026-27

S. No.	Name of Equipment / Item	Quantity (Nos.)	Approximate Cost (Rs. in Lakhs)	Project Number/Code
01	Portable compressor for glaze application	1	1.5	HCP2502
02	Laptop for onsite training	1	1.0	HCP2502
03	Ultrasonicator/ultrasonic bath	2	0.8	MMP035201
04	Water bath (100 C)	1	2.0	HCP2502
05	Vernier callipers 150mm, 300mm	2	0.75	MMP035201
06	High-capacity stirrer for slip preparation	1	2.0	HCP2502
07	Weighing balance	1	2.0	HCP2502
08				
09				
10				

Table 3: Equipment for procurement during the FY 2026-27 and Next 3-5 years under **Externally Funded Projects (EFP)**:

S. No.	Name of Equipment / Item	Quantity (Nos.)	Approximate Cost (Rs. in Lakhs)	Project Number
01	Optical pyrometer 2000^{o}C	1	2	GAP0415
02	A glaze spray booth equipped with a compressor, movable bench, proper exhaust system for fine particles, glaze recycling etc	1	4.99	GAP0415
03	Furnace cavity for thermal emissivity measurement 1600^{o}C	1	8.0	GAP0415
04	Type B thermocouple with data acquisition device	1	1.0	GAP0415
05	Controlled atmosphere tube furnace, H_2, Ar purging (1600^{o}C)	1	30.00	GAP0414
06	High temperature furnace (1800^{o}C)	1	15	IREL (Project sanctioned)

CSIR- Central Glass & Ceramic Research Institute

Name of the Division: RTCD

Procurement Plan

[Financial Year 2026-27]

[B] Consumables:

The following categories of consumables are likely to be procured during the FY 2026-27

Table 3: Consumables likely to be procured during **Financial Year 2026-27 (Annual):**

S. No.	Category	Expected Procurement Value (Rs. In Lakhs)
1	Chemicals (Aluminium, Zinc, Magnesium, Zirconium based Nitrate or Sulphate Salts, Aluminium Isopropoxide, Titanium Isopropoxide, Hafnium oxide, Zirconium oxide, Colloidal silica, White and Fused alumina aggregates, Sintered and Fused Magnesia Aggregates etc.)	08
2	Other Consumables (Syringe filters, carbon-coated TEM grids, Filter papers, Alumina crucibles, Alumina base plates, Graphite moulds etc.)	04
3	Beaker, Conical flask, Round bottom flask, Glass rod,	02
4	Plastic grid box, plastic bottles, tissue rolls	0.5
5	Cartridges for printers	0.5
6	Argon, Nitrogen, Oxygen, Hydrogen gas	1.0
8	Maintenance/AMC/repairing of existing equipment	5.0
9	Stationary items (Marker, Sticky notes, Binder clips, stapler, Scissors)	0.5
10	Anti-virus Software	01
11	Furniture for laboratory	01
12	Heating elements, PID Controller, Thermocouple	05
13	Re-fabrication cost for platinum crucible (~200 gms)	1.48
14	Heating element for high high-temperature furnace	5.0
15	Chemicals for GAP0415 (AlN, Si3N4, TiN, ZrB2, TaSi2, Boron amorphous, Si metal, Lithium salts, Borax)	11.0
16	Windows 11 operating system	1.0

17	Graphing, plotting and data analysis software- 10 licences	5.0
18	Alumina aggregates of different sizes (3-1, 1-0.5, 05-0.3, 0-0.3 mm)	3.0
19	Colloidal silica	0.5
20	Kerosene, Ammonia, Alcohol	1.0
21	Alumina, Zirconia, Hardened steel grinding/milling media	3.0
22	Alumina, Zirconia, hardened steel jars for planetary milling	8.0
23	Magnesium aluminate spinel aggregates	1.5
24	Zinc oxide, Magnesium oxide, Manganese Oxide, Manganese Dioxide, Aluminium nitrate Nonahydrate, Zinc nitrate hexahydrate, Manganese nitrate hexahydrate, etc	1.5
25	Silicon carbide different fractions	1.0
26	Graphite, Nano-carbon, Resin	1.5
27	Spanners, Pliers, Spirit level, Hammer and other tools	0.5
28	Sieves	0.5
29	Alumina, Quartz tube for inert (tube) furnace	3.0
30	Bar, Cylindrical pressing and casting moulds	3.0
31	High alumina cement	0.75
32	Nitrile gloves, Disposable and N95 Mask, Shower caps, Water proof apron, Asbestos gloves, Emery papers, Stopcock, Petri dish, magnetic bars, Wash bottles, etc	1.5
33	Polishing solutions, Polishing disc	3.0
34	Cutting blade different sizes	2.0
35	Security camera, Wifi router, Pendrive, SSD, memory card, battery, etc	1.0
36	Moulds for pressing/ fabrication of shapes	2.0

CSIR- Central Glass & Ceramic Research Institute

Name of the Division: Khurja Centre

Procurement Plan

[Financial Year 2026-27]

[A] Equipment:

Table 1: Equipment for procurement during the FY 2026-27 and subsequent 3 – 5 years (under **Non-project mode**; out of **CSIR Grant / Lab Grant**):

Financial Year 2026-2027			
S. No.	**Name of Equipment / Item**	**Quantity (Nos.)**	**Approximate Cost** (Rs. In Lakhs)
1	Digital cold compressive strength cum modulus of rupture machine	01	50.00
2	X-ray Diffractometer	01	100.00
3	X-Ray Fluoresence Spectrometer	01	100.00
4	Computer Numerical Control (CNC) machining	01	80.00
5	Scanning Electron Microscopy (SEM) with EDS	01	120.00
6	Laser Diffraction Particle Size Analyser	01	80.00
7	Simultaneous Thermogravimetric (TGA) and Differential Thermal Analysis (DTA)	01	75.00
8	Physical Vapour Deposition Unit	01	90.00
9	High Temperature furnace (1700°C)	01	15.00
10	AC split 2 ton	04	1.80
11	Double distilled water plant with RO unit	01	1.50
12	Hot plate, water bath	01 each	1.0

Next 3-5 Years			
S. No.	**Name of Equipment / Item**	**Quantity (Nos.)**	**Approximate Cost** (Rs. In Lakhs)
1	Lab Scale press (40 ton)	01	25.00
2	Rheometer	01	95.00
3	Furnace (2ft*1.5ft*2Ft.)	01	20.00

Table 2: Equipment for procurement during the FY 2026-27 and Next 3-5 years under **CSIR-Funded Projects (CSIR Project Mode)**:

Financial Year 2026-2027				
S. No.	**Name of Equipment / Item**	**Quantity (Nos.)**	**Approximate Cost** (Rs. In Lakhs)	**Project Number**
1	Electric chak	04	1.25	HCP-002502
2	Few small equipments (Vernier caliper/computer/printer)	1	4.00	HCP-002502

Next 3-5 Years				
S. No.	**Name of Equipment / Item**	**Quantity (Nos.)**	**Approximate Cost** (Rs. In Lakhs)	**Project Number**
1				
2				

Table 3: Equipment for procurement during the FY 2026-27 and Next 3-5 years under **Externally Funded Projects (EFP)**:

Financial Year 2026-2027				
S. No.	**Name of Equipment / Item**	**Quantity (Nos.)**	**Approximate Cost** (Rs. In Lakhs)	**Project Number**
1				
2				

Next 3-5 Years				
S. No.	**Name of Equipment / Item**	**Quantity (Nos.)**	**Approximate Cost** (Rs. In Lakhs)	**Project Number**
1				
2.				

CSIR- Central Glass & Ceramic Research Institute

Name of the Division: Khurja Centre

Procurement Plan

[Financial Year 2026-27]

[B] Consumables:

The following categories of consumables are likely to be procured during the FY 2026-27.

Table 3: Consumables likely to be procured during **Financial Year 2027-27** (Annual):

S. No.	Category	Expected Procurement Value (Rs. In Lakhs)
1	Chemicals (ex.-Acids, ammonia, filter papers, EDTA and other chemicals requires for chemical analysis of sample)	1.0
2	Other Consumables (ex- Insecticide, Raw Materials, Packing Material, Column, Syringes, Transcriptome and Metagenome Analysis, Metabolites analyses, Farm Consumables, TLC Plates, Filter papers, Planting materials, seeds, Chemical standards, Essential oils, Standard aroma molecules, Animal feed, Cell Lines, Agriculture accessories, etc.)	1.0
3	Glass wares (ex- name the different glass wares)	0.50
4	Plastic wares (ex- Name the different plastic wares)	0.20
5	Cartridges, Batteries, etc.	0.30
6	Gases (ex- tentative names)	0.00
8	Maintenance/AMC/repairing of existing equipment	1.0
9	Stationary items (files, pads, pens etc.)	0.50
10	IT / software-related Items (Name the items required during year)	0.20
11	Furniture (Name the items required during year)	0.00
13	Electric Items (Name the items required during year)	0.50

Details of procurement of Consumables				
S. No.	**Consumables/ Items**	**Category** *(As above 13 categories)*	**Expected Procurement Value** (Rs. In Lakhs)	**Project / Fund**
1				
2				

CSIR- Central Glass & Ceramic Research Institute

Name of the Division: 4M Division

Procurement Plan

[Financial Year 2026-27]

[A] Equipment:

Table 1: Equipment for procurement during the FY 2026-27 and subsequent 3 – 5 years (under **Non-project mode**; out of **CSIR Grant / Lab Grant**):

Financial Year 2026-2027			
S. No.	**Name of Equipment / Item**	**Quantity (Nos.)**	**Approximate Cost** (Rs. In Lakhs)
1.	Scratch Tester	1	25.00
2.	Electrochemical Workstation coupled 10A current booster and EIS	1	41.00
3.	Ultrasonic Probe System for Mechanical Property evaluation	1	15.00
4.	Multifunctional Colour Laser Printer	1	1.20
5.	Valved Cracker Cell with accessories (Add-on to existing thermal deposition chamber)	1 set up	56.00
6.	FastHall Station with accessories	1 set up	90.00
7.	**High Resolution X-Ray Diffractometer** (Specifications: High Resolution XRD for powder and Thin Film analysis using Bragg-Brentano and parallel Beam geometry)	01	170
8.	Ion Selective Electrode (ISE/pH) Bench top Multiparameter	01	13.0
9.	Fume Hood with Scrubber	01	7.0
10.	Direct Mercury Analyser	01	7.0

Next 3-5 Years			
S. No.	**Name of Equipment / Item**	**Quantity (Nos.)**	**Approximate Cost** (Rs. In Lakhs)
1.	LASX - Microscope Image analysis	1	28.00
2.	Micro-pore Analyzer with Turbo-molecular pumping System and Vacuum Degasser	1	55.00
3.	Tribo-Indentor coupled with profilometer for evaluation of nano-mechanical properties	1	130.00
4.	Bulk /Powder conductivity measurement set-up	1	7.50

Table 2: Equipment for procurement during the FY 2026-27 and Next 3-5 years under **CSIR-Funded Projects (CSIR Project Mode)**:

Financial Year 2026-2027				
S. No.	**Name of Equipment / Item**	**Quantity (Nos.)**	**Approximate Cost** (Rs. In Lakhs)	**Project Number**
1.				
2.				

Next 3-5 Years				
S. No.	**Name of Equipment / Item**	**Quantity (Nos.)**	**Approximate Cost** (Rs. In Lakhs)	**Project Number**
1.	Bulk /Powder conductivity measurement set-up	1	7.50	
2.				

Table 3: Equipment for procurement during the FY 2026-27 and Next 3-5 years under **Externally Funded Projects (EFP)**:

Financial Year 2026-2027				
S. No.	**Name of Equipment / Item**	**Quantity (Nos.)**	**Approximate Cost** (Rs. In Lakhs)	**Project Number**
1.				

Next 3-5 Years				
S. No.	**Name of Equipment / Item**	**Quantity (Nos.)**	**Approximate Cost** (Rs. In Lakhs)	**Project Number**
1.				
2.				

CSIR- Central Glass & Ceramic Research Institute

Name of the Division : 4M Division

Procurement Plan

[Financial Year 2026-27]

[B] Consumables:

The following categories of consumables are likely to be procured during the FY 2026-27.

Table 3: Consumables likely to be procured during **Financial Year 2027-27** (Annual):

S. No.	Category	Expected Procurement Value (Rs. In Lakhs)
1.	Chemicals (ex.- Name the different chemicals like Solvents, Biochemical/s, Biochemical kits & enzymes, Diagnostic kits, Sequencing, Oligonucleotides, etc.) a) Chemicals & Solvents for sample preparation & Testing on day-to-day basis (say, Iso-propyl alcohol, Acetone, Dimethyl formamide (DMF), N-Methyl pyrrolidone (NMP), Propylene Carbonate (PC), Nitric acid, Hydrochloric acid, etc., regularly require for undertaking the mechanical testing jobs and Resins with hardeners [for 4MD_Mech: Rs, 6.00 lakhs) b) Chemicals [for 4MD_XPS: Rs. 1.00 lakhs] c) Chemicals [for 4MD_XRD: Rs. 1.00 lakhs] d) Chemicals like Acids (HF, HNO3, HCl etc) [for 4MD_ACS: Rs. 1.00 lakhs	9.00
2.	Other Consumables (ex- Insecticide, Raw Materials, Packing Material, Column, Syringes, Transcriptome and Metagenome Analysis, Metabolites analyses, Farm Consumables, TLC Plates, Filter papers, Planting materials, seeds, Chemical standards, Essential oils, Standard aroma molecules, Animal feed, Cell Lines, Agriculture accessories, etc.) a) Essential Consumable for testing Mechanical properties for daily testing work (say, Machine grease, Vacuum grease, Vac. Pump oil, Filter paper, tools for samples preparation, Drill bits/ hacksaw blades, Emary papers, etc. and Essential Consumable for implementation of NABL Accreditation [say, **SRM /CRM for Various Mechanical Testing for NABL Accreditation;** Calibration of instruments for compliance with NABL Accreditation for Testing Mech. Properties) [for 4MD_Mech : Rs, 8.50 lakhs) b) Spare parts for XPS (1.Cover for intro-chamber, 2. Controller for Ion Gun, etc.) [for 4MD_XPS: Rs. 17.00 lakhs] c) Essential consumable. like SRM, Conducting carbon tape, Silver epoxy, enclosure tweezer, tissue, gloves etc. [for 4MD_XPS: Rs. 2.00 lakhs] d) Consumable [for 4MD_XRD: Rs. 1.00 lakhs]	28.50
3.	Glass wares (ex- name the different glass wares) a) Glass Beakers of diff capacity, Measuring cylinders, Filtering flasks, Glass desiccators with base plat, etc. [for 4MD_Mech : Rs, 3.50 lakhs) b) Glass wares [for 4MD_XRD: 0.50 lakhs]	5.00

	c) Glass wares like Beaker, Burette, Pipette, Volumetric Flasks [for 4MD_ACS: 1.00 lakhs]	
4.	Plastic wares (ex- Name the different plastic wares) a) Plastic beakers, Bottle, Teflon, Water storage canasta, etc. [for 4MD_Mech : Rs, 1.50 lakhs) b) Plastic wares like Teflon Beaker, Rods, Lids, Plastic Beaker, Reagent Bottle [for 4MD_ACS: 1.00 lakhs]	2.50
5.	**Cartridges, Batteries, etc**. a) Printer cartridges & Toners, UPS Batteries, etc. [for 4MD_Mech: Rs, 2.00 lakhs) b) Printer cartridges [for 4MD_XPS: Rs. 0.60 lakhs] c) Printer cartridges [for 4MD: XRD: Rs. 0.30 lakhs]	2.90
6.	Gases (ex- tentative names) a) UHP N_2 gas, Argon, etc. [for 4MD_Mech : Rs, 0.50 lakhs) b) He, N2, Ar etc. [Rs. 1.00 lakhs for 4MD_XPS] c) Argon Gas [4MD_XRF: 0.30 lakhs] d) Argon Gas Gases [4MD_ACS: 1.00 lakhs]	2.80
7.	Maintenance/AMC/repairing of existing equipment a) AMC for Online UPS (attached with UTM instrument), AMC for ZwickRoell UTM, Repair of existing Tribo-Indenter Instrument and Repair/servicing of other existing instruments [for 4MD_Mech : Rs, 9.50 lakhs) b) Maintenance/AMC/repairing of existing equipment [for 4MD_XPS: Rs. 8.50 lakhs] c) Maintenance/AMC/repairing of existing equipment [for 4MD_XRD: Rs. 12.00 lakhs] d) Repairing of Millipore and ICP-OES (2 Nos) AMC (Non-Comprehensive) [for 4MD_ACS: Rs. 6.80 lakhs]	36.80
8.	Stationary items a) Stationary items [for 4MD_Mech: Rs. 0.25 lakhs	0.25
9.	IT / software-related Items (Name the items required during year)	Nil
10.	Furniture (Name the items required during year)	Nil
11.	Electric Items (Name the items required during year) a) To replace old Window and Split ACs in XRD and XRF Laboratory [for 4MD_XRD: 3.50 lakhs] b) Electric Hot Plate [for 4MD_ACS: 1.50 lakhs]	5.00

Details of procurement of Consumables				
S. No.	**Consumables/ Items**	**Category** *(As above 13 categories)*	**Expected Procurement Value** (Rs. In Lakhs)	**Project / Fund**
1.				
2.				

CSIR- Central Glass & Ceramic Research Institute

Name of the Division: CMCF(4MD)

Procurement Plan

[Financial Year 2026-27]

[A] Equipment:

Table 1: Equipment for procurement during the FY 2026-27 and subsequent 3 – 5 years (under **Non-project mode**; out of **CSIR Grant / Lab Grant**):

Financial Year 2026-2027			
S. No.	**Name of Equipment / Item**	**Quantity (Nos.)**	**Approximate Cost** (Rs. In Lakhs)
1	Table top SEM	1	135.00
2	Heavy duty colour printer	1	0.45
3	Vacuum cleaner cum blower	1	0.15
4	Table top Oven (upto 300°C)	1	1.2
5	UPS 10KVA 1/1 ϕ with 15 min back-up	1	1.6
6	UPS 6KVA 1/1 ϕ with 15 min back-up	3	3.15

Next 3-5 Years			
S. No.	**Name of Equipment / Item**	**Quantity (Nos.)**	**Approximate Cost** (Rs. In Lakhs)
1			
2			
3			
4			

Table 2: Equipment for procurement during the FY 2026-27 and Next 3-5 years under **CSIR-Funded Projects (CSIR Project Mode)**:

Financial Year 2026-2027				
S. No.	**Name of Equipment / Item**	**Quantity (Nos.)**	**Approximate Cost** (Rs. In Lakhs)	**Project Number**
1				
2				
3				
4				

Next 3-5 Years				
S. No.	**Name of Equipment / Item**	**Quantity (Nos.)**	**Approximate Cost** (Rs. In Lakhs)	**Project Number**
1				
2				
3				
4				

Table 3: Equipment for procurement during the FY 2026-27 and Next 3-5 years under **Externally Funded Projects (EFP)**:

Financial Year 2026-2027				
S. No.	**Name of Equipment / Item**	**Quantity (Nos.)**	**Approximate Cost** (Rs. In Lakhs)	**Project Number**
1				
2				
3				
4				

Next 3-5 Years				
S. No.	**Name of Equipment / Item**	**Quantity (Nos.)**	**Approximate Cost** (Rs. In Lakhs)	**Project Number**
1				
2.				
3.				
4.				

CSIR- Central Glass & Ceramic Research Institute

Name of the Division : CMCF(4MD)

Procurement Plan

[Financial Year 2026-27]

[B] Consumables:

The following categories of consumables are likely to be procured during the FY 2026-27.

Table 3: Consumables likely to be procured during **Financial Year 2027-27** (Annual):

S. No.	Category	Expected Procurement Value (Rs. In Lakhs)
1	Chemicals (ex.- Name the different chemicals like Solvents, Biochemical/s, Biochemical kits & enzymes, Diagnostic kits, Sequencing, Oligonucleotides, etc.)	1.5
2	Other Consumables (ex- Insecticide, Raw Materials, Packing Material, Column, Syringes, Transcriptome and Metagenome Analysis, Metabolites analyses, Farm Consumables, TLC Plates, Filter papers, Planting materials, seeds, Chemical standards, Essential oils, Standard aroma molecules, Animal feed, Cell Lines, Agriculture accessories, etc.)	1.5
3	Glass wares (ex- name the different glass wares)	0.5
4	Plastic wares (ex- Name the different plastic wares)	0.5
5	Cartridges, Batteries, etc.	2.5
6	Gases (ex- tentative names)	1.5
8	Maintenance/AMC/repairing of existing equipment (with spares)	10
9	Stationary items (ex- name a few)	1.0
10	IT / software-related Items (Name the items required during year)	0.25
11	Furniture (Name the items required during year)	
13	Electric Items (Name the items required during year)	

Details of procurement of Consumables				
S. No.	**Consumables/ Items**	**Category** *(As above 13 categories)*	**Expected Procurement Value** (Rs. In Lakhs)	**Project / Fund**
1	Chemicals: Acetone, Isopropanol, Ethanol, Nitric Acid, Hydrochloric acid, Hydrofluoric acid, KBr etc.	1	1.5	STS1624
2	Consumables: Syringes, Needles, PTFE tube, Alumina Crucibles and Pans etc.	2	1.5	STS1624
3	Beaker, petri dish, measuring cylinders. Glass syringe etc	3	0.5	STS1624

4	Desiccator, Jug, tweezers, dropper, pipette tips, duster, MOP etc.	4	0.5	STS1624
5	Cartridges for HP P1007, HP1008, HP 1020PLUS, MFM136W 12V26AH batteries-50 nos	5	2.5	STS1624
6	Nitrogen UHP-04 Nos, Zero Air UHP-01No., Helium UHP, Oxygen UHP, Liquid Nitrogen-Approx 1000lit	6	1.5	STS1624
7	Maintenance and repairing (if needed)STA, DIL, PSA, RHEOMETER, TCA, SAA, MIP, FTIR, C-O-N ANALYZER, spin coater, planetary ball mill, electro spinning machine	8	10	STS1624
8	Tool kit for day to day work comprising adjustable wrench, plier etc., SS Spatula. Tissue paper rolls, lintfree tissue papers, Scotch tape, Teflon tape, Zip pouches of various sizes, Parafilm rolls, butter paper, aluminium foils, blank stickers of various sizes, CD covers, Glue, etc.	9	1.0	STS1624
9	Monitor, CD-ROM, pen drive,	10	0.25	STS1624

CSIR- Central Glass & Ceramic Research Institute

Name of the Division: ACCD

Procurement Plan

[Financial Year 2026-27]

[A] Equipment:

Table 1: Equipment for procurement during the FY 2026-27 and subsequent 3 – 5 years (under **Non-project mode**; out of **CSIR Grant / Lab Grant**):

Financial Year 2026-2027			
S. No.	**Name of Equipment / Item**	**Quantity (Nos.)**	**Approximate Cost** (Rs. In Lakhs)
1	Tube furnace 1700 ^{o}C	1	17
2	Vortex Mixture	1	2
3	Dryer 100 ^{o}C	1	1
4	IR pyrometer	1	7
5	Vacuum pump : Rotary Pump - Roots Pump	1	6
6	Rotating Disc Electrode	1	25
7	Temperature controller (4 loop)	1	3
8			

Next 3-5 Years			
S. No.	**Name of Equipment / Item**	**Quantity (Nos.)**	**Approximate Cost** (Rs. In Lakhs)
1	CNC Turning Machine	1no.	35.00
2	GPS Furnace	1no.	200.00
3	Controlled Atmosphere Vacuum Sintering Furnace 2000^{0}C (Graphite) for various Gases	1no.	220.00
4	Vacuum Sintering Furnace 2300^{0}C	1no.	100.00
5	Rotary Disc Electrode	1no.	25.00
6	Tube Furnace	1no.	10.00
7	Glove Box	1no.	15.00
8	Vortex Shaker	1no.	1.50
9	PE-CVD	1no.	200.00
10	Rapid Thermal Annealing	1no.	200.00
11	Magnetron Sputtering	1no.	110.00
12	Bench Top Solution Blowing System	1no.	20.00
13	Controlled Atmosphere High Temperature UTM	1no.	0.85
14	Cold Isostatic Press	1no.	1000.00
15	Atomic Force Microscopy	1no.	60.00
16	Spectrofluorimeter	1no.	200.00
17	Vacuum Hot Press 50mm dia.	1no.	30.00

Table 2: Equipment for procurement during the FY 2026-27 and Next 3-5 years under **CSIR-Funded Projects (CSIR Project Mode)**:

Financial Year 2026-2027				
S. No.	**Name of Equipment / Item**	**Quantity (Nos.)**	**Approximate Cost** (Rs. In Lakhs)	**Project Number**
1				
2				
3				

Next 3-5 Years				
S. No.	**Name of Equipment / Item**	**Quantity (Nos.)**	**Approximate Cost** (Rs. In Lakhs)	**Project Number**
1				
2				
3				

Table 3: Equipment for procurement during the FY 2026-27 and Next 3-5 years under **Externally Funded Projects (EFP)**:

Financial Year 2026-2027				
S. No.	**Name of Equipment / Item**	**Quantity (Nos.)**	**Approximate Cost** (Rs. In Lakhs)	**Project Number**
1	Upgradation of Hot press furnace	1	25	GAP0279
2				
3				

Next 3-5 Years				
S. No.	**Name of Equipment / Item**	**Quantity (Nos.)**	**Approximate Cost** (Rs. In Lakhs)	**Project Number**
1				
2.				

CSIR- Central Glass & Ceramic Research Institute

Name of the Division : ACCD

Procurement Plan

[Financial Year 2026-27]

[B] Consumables:

The following categories of consumables are likely to be procured during the FY 2026-27.

Table 3: Consumables likely to be procured during **Financial Year 2026-27** (Annual):

S. No.	Category	Expected Procurement Value (Rs. In Lakhs)
1	Chemicals (ex.- Name the different chemicals like Solvents, Biochemical/s, Biochemical kits & enzymes, Diagnostic kits, Sequencing, Oligonucleotides, etc.)	20.00
2	Other Consumables (ex- Insecticide, Raw Materials, Packing Material, Column, Syringes, Transcriptome and Metagenome Analysis, Metabolites analyses, Farm Consumables, TLC Plates, Filter papers, Planting materials, seeds, Chemical standards, Essential oils, Standard aroma molecules, Animal feed, Cell Lines, Agriculture accessories, etc.)	50.00
3	Glass wares (ex- name the different glass wares)	10.00
4	Plastic wares (ex- Name the different plastic wares)	5.00
5	Cartridges, Batteries, etc.	3.50
6	Gases (ex- tentative names)	20.00
8	Maintenance/AMC/repairing of existing equipment	30.00
9	Stationary items (ex- name a few)	10.00
10	IT / software-related Items (Name the items required during year)	50.00
11	Furniture (Name the items required during year)	2.00
13	Electric Items (Name the items required during year)	10.00

Details of procurement of Consumables				
S. No.	**Consumables/ Items**	**Category** *(As above 13 categories)*	**Expected Procurement Value** (Rs. In Lakhs)	**Project / Fund**
1	Solvents, acids, gases, ceramic powder, metal powder, graphite mould, target, glassware	1 to 6	50	GAP0279 and GAP0280
2	Alumina powder, plastic ware, cartridges, vacuum gauge	1 to 6	10	GAP0276
3	Solvents, acids, gases, ceramic powder, metal powder, graphite mould, target, glassware	1 to 6	3	OLP0838

CSIR- Central Glass & Ceramic Research Institute

Name of the Division: EMDD

Procurement Plan

[Financial Year 2026-27]

[A] Equipment:

Table 1: Equipment for procurement during the FY 2026-27 and subsequent 3 – 5 years (under **Non-project mode**; out of **CSIR Grant / Lab Grant**):

Financial Year 2026-2027			
S. No.	**Name of Equipment / Item**	**Quantity (Nos.)**	**Approximate Cost** (Rs. In Lakhs)
1	Electrochemical Battery testing Workstation with EIS and High/Low measurement system	1	125 lakh
2	Water Bath Shaker	1	1.50
3			
4			

Next 3-5 Years			
S. No.	**Name of Equipment / Item**	**Quantity (Nos.)**	**Approximate Cost** (Rs. In Lakhs)
1	Wire cutting machine for glasses	1	25
2	Glass polishing machine	1	20
3	Self-contained 25 ton Auto-Pellet press	1	50
4			

Table 2: Equipment for procurement during the FY 2026-27 and Next 3-5 years under **CSIR-Funded Projects (CSIR Project Mode)**:

Financial Year 2026-2027				
S. No.	**Name of Equipment / Item**	**Quantity (Nos.)**	**Approximate Cost** (Rs. In Lakhs)	**Project Number**
1	PG-Stat	1	20	NA
2	Multi Channel Workstation with EIS and HT/LT measurement cabinet	1	50	NA
3	Muffle Furnace	1	3.19	IST552506
4	Vacuum Oven	1	1.5	IST552506
5	Research centrifuged	1	1.6	NA
6	Filtering device (system)	1	1.1	NA
7	Syringe for spray coating unit	2	3.0	NA
8	Electrophoresis power supply	2	2.4	NA

9	Augmentation of 2kW SOEC testbench to 4kW indigenous SOEC stack	1	100.00	MMP-065202

Next 3-5 Years				
S. No.	**Name of Equipment / Item**	**Quantity (Nos.)**	**Approximate Cost** (Rs. In Lakhs)	**Project Number**
1	Slurry coater	1	5.0	NA
2	Electrochemical analyzer	1	20	NA
3	Temperature controlled photochemical reactor	1	20	NA
4	Ion Chromatography System	1	35	NA
5	Electrochemical workstation with potentiostat/ galvanostat with windows-based acquisition software	1	22	NA

Table 3: Equipment for procurement during the FY 2026-27 and Next 3-5 years under **Externally Funded Projects (EFP)**:

Financial Year 2026-2027				
S. No.	**Name of Equipment / Item**	**Quantity (Nos.)**	**Approximate Cost** (Rs. In Lakhs)	**Project Number**
1	Two target sputtering units (for 10 mm x 10 mm samples)	1	40	NA
2	Two target sputtering units (for 20-50 mm x 20-50 mm samples)	1	90	NA
3	Battery Tester 16 channels	1	65	DST NEST Mission
4	PG-Stat	2	20	DST NEST Mission
5.	Multi Channel Workstation with EIS and HT/LT measurement cabinet	1	50	NA
6	Assorted Furnace (BBO)	4	141	GAP0387
7	Assorted Furnace (Sintering)	2		GAP0387
10	Helium Leak detector	1	25	GAP0387
12	Semi-automated Screen Printer	1	10	GAP0387
13	Spray infiltration unit	1	10	GAP0387
	Open flange cell and short stack tester for rapid evaluation of EC properties			

Next 3-5 Years				
S. No.	**Name of Equipment / Item**	**Quantity (Nos.)**	**Approximate Cost** (Rs. In Lakhs)	**Project Number**
1	Two target sputtering units (for 10 mm x 10 mm samples)	1	40	NA
2	Two target sputtering units (for 20-50 mm x 20-50 mm samples)	1	90	NA
3.	Battery Tester 16 channels	1	65	DST NEST Mission
4.	PG-Stat	2	20	DST NEST Mission
5.	Multi Channel Workstation with EIS and HT/LT measurement cabinet	1	50	NA
6	Time Correlated Single Photon Counting Fluorescence Lifetime System (TCSPC)	1	60	NA
7	High Performance Liquid Chromatography (HPLC)	1	40	NA
8	EPR/ESR Spectrometer	1	60	NA
9	Three Zone High Temp. Gradient Split tube furnace	1	20	NA
10	FTIR spectroscopy	1	24	NA
11	Mechanical stirrer	1	1.5	NA
12	Drying chamber	1	1.5	NA
13	Spraying chamber	1	1.5	NA

CSIR- Central Glass & Ceramic Research Institute

Name of the Division : EMDD

Procurement Plan

[Financial Year 2026-27]

[B] Consumables:

The following categories of consumables are likely to be procured during the FY 2026-27.

Table 3: Consumables likely to be procured during **Financial Year 2026-27** (Annual):

S. No.	Category	Expected Procurement Value (Rs. In Lakhs)
1	Chemicals: SiO_2, Na_3PO_4, Al_2O_3, NH_6PO_4, Li_3PO_4, Bismuth salts, electrolytes, graphene, monomers for polymer synthesis, Toluene, 2 propanol, Acetone, Ethanol, Oleic acid, Oleylamine (ex.- Name the different chemicals like Solvents, Biochemical/s, Biochemical kits & enzymes, Diagnostic kits, Sequencing, Oligonucleotides, etc.)	~30
2	Other Consumables: Metal targets (Au, Ag, Cu, Ni, Fe, Pt, Au/Pd), photo reactor components, Ag paste, Silicon oil (ex- Insecticide, Raw Materials, Packing Material, Column, Syringes, Transcriptome and Metagenome Analysis, Metabolites analyses, Farm Consumables, TLC Plates, Filter papers, Planting materials, seeds, Chemical standards, Essential oils, Standard aroma molecules, Animal feed, Cell Lines, Agriculture accessories, etc.)	~31
3	Glass wares (ex- name the different glass wares)	5.5
4	Plastic wares (ex- Name the different plastic wares)	1.5
5	Cartridges, Batteries, etc.	3
6	Gases (He, Ar, N_2)	20
8	Maintenance/AMC/repairing of existing equipment: Thermoelectric instrument (ZEM-3)	7.5
9	Stationary items (ex- name a few)	2.5
10	IT / software-related Items (Name the items required during year)	
11	Furniture (Name the items required during year)	
13	Electric Items (Name the items required during year)	2
14	Raw materials pertaining to screen printing	10
15	Raw materials pertaining to tape casting	15
16	Miscellaneous consumables for electrochemical testing involving meshs/wires/pastes/anabond sealants etc.	10
17	Indigenous fabrication for various EC test set up to establish end to end EC testing process lines for cells and stacks	10

Details of procurement of Consumables				
S. No.	**Consumables/ Items**	**Category** *(As above 13 categories)*	**Expected Procurement Value** (Rs. In Lakhs)	**Project / Fund**
1				
2				
3				
4				

Updated On: 30.10.2025

Name of the Laboratory: Central Glass and Ceramic Research Institute

Name of Division: Fiber Optics & Photonics Division (FOPD)

Procurement Plan

A	FOR THE FINANCIAL YEAR/YERAS 2025-2026 & 2026-2027

A(a)	EQUIPMENT

(i)	Equipment: Out of CSIR Infra Grant

Sr. No	Name category of equipment/Vehicle item	Quantity (Nos)	Approximate cost (Rs. in Lakhs)

(ii)	Equipment: Out of CSIR funded projects

Sr. No	Name category of equipment/Vehicle item	Quantity (Nos)	Project Nos/Code	Approximate cost (Rs. in Lakhs)

(iii)	Equipment: Out of externally funded projects (EFP)

S	Name category of equipment/Vehicle item	Quantity (Nos)	Project Nos/Code	Approximate cost (Rs. in Lakhs)
1	Upgradation of existing MCVD-VPCD system	1	**Project Title: "Specialty Fibers and Related Components for 2.0 kW Narrow Line width Fiber Amplifier (SFCNLFA)". (GAP-0188)**	450.00
2	Upgradation of existing fiber drawing tower	1		320.00
3	Automated Fiber Optic pump and signal	1		301.00
4	Glass Processing System for fabrication of End	1		201.00
5	High Performance Optical spectrum analyser	1		50.00
6	Digital Storage Oscilloscope	1		29.75
7	Programmable DC Power Supply	4		18.50
8	Laser Sensor	1		6.52
9	Scanning slit beam profiler	1		9.26
1	Air cooled chiller	2		18.31
	Thermal Mass Flow Controller			

1	GF120CXXC-0001500CVXAOG1-XXXXAX-000	8		31.22
	GF120CXXC-0015002LVXAOG1-XXXXAX-000	1		3.90
	GF120CXXC-0110020CVXAOG1-XXXXAX-000	1		3.90
	SLA5851S-1E-A-B-1-B-1-A-1(For Nitrogn)	1		3.65
1	Stainless steel Bubbler	6		30.0
1	Air Shower for MCVD room	1		8.38
1	Automatic changeover, integrated Modular	1		4.98

A(b)	FOR THE NEXT 3-5 YEARs

S. No.	Name of Equipment / Item	Quantity (Nos.)	Project Nos/Code	Approximate cost (Rs. in Lakhs)
1	Optical table	10	**GAP-0183**	30
2.	Computers and Printers	5	**GAP-0183**	8

A (b)	CONSUMABLES

(i)	Consumable: Out of CSIR Infra Grant

Sr. No	Category	Expected procurement value (Rs. in Lakhs)
1.	Fiber Coupled Pump Diode Array Including Related Accessories	85.00

(ii)	Consumable: Out of CSIR funded projects

Sr. No	Category	Expected procurement value (Rs. in Lakhs)

(iii)	Consumable: Out of externally funded projects (EFP)

Sr. No	Category	Expected procurement value (Rs. in Lakhs)	Project / Fund
1.	<u>F-300 Grade Silica Tube</u> SilicaTube(20/17)mm, SilicaTube(20/12)mm, SilicaTube(10/3)mm	71.62	**GAP-0188**
2.	<u>Local Silica tube & rods</u> Silica Tube (20/17) mm, Silica Tube (28/24) mm, Silica Tube (40/36) mm, Silica Rod (10 mm), Silica Rod (18 mm)	6.16	
3.	<u>Fuel and purging gases</u> Commercial H2 gas (99.5%) Commercial O2 gas (99.97%) N2 (99.999%) High purity He gas (99.999%) High purity Argon gas (99.999%)	71.20	

	Hih purity He gas (99.9995%) High purity Oxygen (99.9995%)		
4.	High Purity Nitrogen (99.999%) Grade-1	19.03	
5.	<u>Consumable items for MCVD HTS system</u> Thermosensor (CN117775); Thermosensor (CN117774); Thermosensor (CN117776); Temperature Sensor (C0108095); Temperature Sensor (C0108097); Temperature Sensor (C0108096); O-ring (CN115565); Pressure Transducer (CN200696)	5.30	
6.	<u>Consumable items for MCVD preform fabrication run</u> Kalrez 9100 O-ring K-32091; Kalrez 9100 O-ring K-210; MFC Connector; Ball Valve 546 Pro PVC-U/EPDM; Ball Valve 179 PVC-U/EPDM; MF Module MFM PPGF	12.03	
7.	Lab Chemicals (Acetone, Isopropyl Alcohol, Hydrofluoric Acid etc.)	3.0	
8.	<u>Fiber Draw Tower consumable items</u> Furnace Element , Furnace Liner, Furnace Element clamp, Furnace Element clamp mounting nut, Manual potentiometer of main control panel, Solenoid Valve -2 port NC, Solenoid Valve - 2 port NO, Eccentric Diaphragm Pump, EP Converter/Electro-pneumatic regulator, Tractor Belts, Coating Die, Flow Meter, OMRON AC Servo Drive, contactor DC24V, Contactor Timer ,Metal Exhaust Fan for Control Panel Cabinet mount, KIT-RFLTR,F10T,VENT,R500,STRIP W/STRIP, KIT-REFLE,I600M/LHI10,R500,BASIC,DF,QCS, KIT-RF SCREEN,10 INCH,QCS/STD, Glass Wool Filter, Pad for UV housing cooling Filter, Zirconia cell for Gettering furnace, Titanium charge for Gettering furnace, Mass flow controller, VCR/tube fitting, VCR gasket, Male connector, Equal T, gauge calibration mount, Viton O-ring, BULB AY-UV IRAD, KIT-MAGNETRON, KIT-RF DETECTOR	26.50	
9.	<u>Consumable items for NGC & Lathe</u> (Pneumatic brunching module, Teflon Tube, Fiber glass wool, Heat	20.10	

	resistance tape, lubricant oil, grease, Iron removal spray, glass cutting diamond blade, soot removal paddle, dust removing filter)		
10.	Optics and Opto mechanical Components	13.45	
11.	Graphite filament assembly and Fluorine doped Fused Silica Capillary tube	42.09	
12.	Specialty Fibers (different specifications)	81.83	
13.	FBG for seed Oscillator / High Power Reflector and High Optocoupler	9.97	
14.	Grinding of circular glass perform into Octagonal shaped structure	25.0	
15.	Electron probe micro analyses of Yb doped optical fiber samples	3.27	
16.	High Purity SiCl4 (99.9999%)	35.0	
17.	High Purity POCl3 (99.99999%)	10.62	
18.	UV Curable Polymer Cladding Resin Efiron UVF SPC-375 Efiron SCU 2000	16.5	
19.	Specialty Chemical for active fiber Cerium(III) 2,4- pentanedionate hydrate) Aluminum chloride, anhydrous, 99.999% (metals basis) Ytterbium Tris(2,2,6,6-tetramethyl-3,5-heptanedionato) ytterbium(III) Aluminum nitrate hydrate, Puratronic™, 99.999% Cerium(III) chloride hydrate, REacton™, 99.9% Ytterbium(III) chloride hydrate, REacton™, 99.99% Germanium(IV) Chloride 99.9999% Lutetium (III) Chloride hexahydrate 99.9%	10.45	
20.	Fiber Coupled Semiconductor diodes	130.0	
21.	Mode field adaptor with strippers and Fiber Cladding Power stripper	7.50	
22.	Collimating Unit with QBH Output Fiber	19.00	
23.	Water Cooled Heat Sink for Pump Diodes	65.23	
24.	Inspection and replacement of purging nitrogen, hydrogen/oxygen gas lines and soot collection and scrubber unit	6.10	

25.	Speciality optical fiber Ytterbium, Erbium, Thulium, Holmium, microstructure fiber, nonlinear fiber and Passive fiber	10.0	**GAP0186/ GAP0189**
26.	Laser/coherence source (Pump diode)	10.0	**GAP0186**
27.	Fiber Optical components (FBG's, Pump combiner, Optical isolator, Optical circulator, Pump signal combiner, Optical fiber coupler, Cladding power stripper, optical pulse generator, etc)	5.0	**GAP0189**
28.	Optomechanical items Stage mount, lens/mirror holder, vibration isolation stages, motion control stage etc.	5.0	**GAP0186**
29.	Hybrid cooling system	1.0	**GAP0190**
30.	Electrical items for packaging	1.0	**GAP0190**
31.	Mechanical items for packaging	1.0	**GAP0190**
32.	Optical fiber stepper, clever and splicer	1.0	**GAP0189**
33.	Optical fiber cleaning items	0.5	**GAP0186**
34.	Laser light characterization items (power meter. Detector, camera etc)	5.0	**GAP0186**
35.	Thermal imager	8.0	**GAP0186**
36.	Ytterbium –Doped LMA Double Clad Fiber	2.0	**GAP0186/ GAP0189**
37.	High power polarization Insensitive Circulator	4.0	**GAP0186/ GAP0189**
38.	Other Consumables	27	**GAP0183/GAP191/ MMP065202**
39.	Cartridges, Batteries etc	2	**GAP0183/GAP191/ MMP065202**
40.	Gases	5	**GAP0183/GAP191/ MMP065202**
41.	Maintenance/AMC/repairing of existing equipment	10	**GAP0183/GAP191/ MMP065202**
42.	IT / software-related Items	5	**GAP0183/GAP191/ MMP065202**
43.	Electric Items	20	**GAP0183/GAP191/ MMP065202**

CSIR- Central Glass & Ceramic Research Institute

Name of the Division: IITD/Instrumentation

Procurement Plan

[Financial Year 2026-27]

[A] Equipment:

Table 1: Equipment for procurement during the FY 2026-27 and subsequent 3 – 5 years (under **Non-project mode**; out of **CSIR Grant / Lab Grant**):

Financial Year 2026-2027			
S. No.	**Name of Equipment / Item**	**Quantity (Nos.)**	**Approximate Cost** (Rs. In Lakhs)
1	Mixer 24 channel	1	1.40
2	Mixer 8 channel	1	0.30
3	LED Display panel 55/ 65 inch	3	2.50
4	PTZ Camera	2	3.00
5	Display screen (110 inch diagonal)	2	2.00
6	Speaker phone	2	1.20
7	Monitor Speaker	2	3.00
8	Condensor microphone	1	0.55
9	Handheld wireless Microphone dual channel	1 set	0.50
10	Vocal Microphone	3	1.00
11	Instrument Microphone	1	0.16
12	Super cardiod Microphone	1	0.1
13	High temperature infrared pyrometer, measurement range: 400˚C to 2000˚C with data logging facility	1	4.0
14.	Temperature programmer/controller	4	2.0

Next 3-5 Years

S. No.	Name of Equipment / Item	Quantity (Nos.)	Approximate Cost (Rs. In Lakhs)
1	High temperature (up to 1700 ˚C) dry block calibrator with standard thermocouple	1	5
2			
3			

Table 2: Equipment for procurement during the FY 2026-27 and Next 3-5 years under **CSIR-Funded Projects (CSIR Project Mode)**:

Financial Year 2026-2027				
S. No.	**Name of Equipment / Item**	**Quantity (Nos.)**	**Approximate Cost** (Rs. In Lakhs)	**Project Number**
1				
2				
3				
4				

Next 3-5 Years				
S. No.	**Name of Equipment / Item**	**Quantity (Nos.)**	**Approximate Cost** (Rs. In Lakhs)	**Project Number**
1				
2				
3				
4				

Table 3: Equipment for procurement during the FY 2026-27 and Next 3-5 years under **Externally Funded Projects (EFP)**:

Financial Year 2026-2027				
S. No.	**Name of Equipment / Item**	**Quantity (Nos.)**	**Approximate Cost** (Rs. In Lakhs)	**Project Number**
1				
2				
3				
4				

Next 3-5 Years				
S. No.	**Name of Equipment / Item**	**Quantity (Nos.)**	**Approximate Cost** (Rs. In Lakhs)	**Project Number**
1				
2.				
3.				
4.				

CSIR- Central Glass & Ceramic Research Institute

Name of the Division : IITD-Instrumentation

Procurement Plan

[Financial Year 2026-27]

[B] Consumables:

The following categories of consumables are likely to be procured during the FY 2026-27.

Table 3: Consumables likely to be procured during **Financial Year 2026-27** (Annual):

S. No.	Category	Expected Procurement Value (Rs. In Lakhs)
1	(ex. -Isopropyl alcohol, Acetone, Carbon tetra chloride, Ferric chloride , Rust cleaner etc.)	0.30
2	Other Consumables (ex- Insecticide, Raw Materials, Packing Material, Column, Syringes, Transcriptome and Metagenome Analysis, Metabolites analyses, Farm Consumables, TLC Plates, Filter papers, Planting materials, seeds, Chemical standards, Essential oils, Standard aroma molecules, Animal feed, Cell Lines, Agriculture accessories, etc.)	
3	Glass wares (ex- name the different glass wares)	
4	Plastic wares (ex- Name the different plastic wares)	
5	Cartridges, Batteries, etc.	3.00
6	Gases (ex- Helium)	0.40
8	Maintenance/AMC/repairing of existing equipment	6.00
9	Stationary items (ex- white board marker , duster, gloves, mask etc)	0.30
10	IT / software-related Items (Name the items required during year)	
11	Furniture (Name the items required during year)	
13	Electric Items (Name the items required during year) Thyristor drives, relay/contactor, wires, lamps , different audio-visual cables , different adaptor , different splitter , matrix , different connectors , pointer , heating elements for high temperature furnaces, electronic PCB mount components, electrical and electronic tools etc	6.00

Details of procurement of Consumables				
S. No.	**Consumables/ Items**	**Category** *(As above 13 categories)*	**Expected Procurement Value** (Rs. In Lakhs)	**Project / Fund**
1				
2				
3				
4				

CSIR- Central Glass & Ceramic Research Institute

Name of the Division: ITCMS

Procurement Plan

[Financial Year 2026-27]

[A] Equipment:

Table 1: Equipment for procurement during the FY 2026-27 and subsequent 3 – 5 years (under **Non-project mode**; out of **CSIR Grant / Lab Grant**):

Financial Year 2026-2027			
S. No.	**Name of Equipment / Item**	**Quantity (Nos.)**	**Approximate Cost** (Rs. In Lakhs)
1	Server	1	10
2	Workstations for IT Section	3	6
3	Switch	5	10
4	Color printer	1	0.3

Next 3-5 Years			
S. No.	**Name of Equipment / Item**	**Quantity (Nos.)**	**Approximate Cost** (Rs. In Lakhs)
1	Switches (Core, Distribution)	4 + 20	80
2	Servers	4	30
3	Firewall	1	15
4	UPS	2	20

CMS (Computational Material Section)

Financial Year 2026-2027			
S. No.	**Name of Equipment / Item**	**Quantity (Nos.)**	**Approximate Cost** (Rs. In Lakhs)
1	CPU Server	3	25
2	GPU Server	1	15
2	Workstations	3	6

Next 3-5 Years

S. No.	Name of Equipment / Item	Quantity (Nos.)	Approximate Cost (Rs. In Lakhs)
1	CPU Servers	8	80
2	GPU Servers	4	70
3	Workstations	8	24

Table 2: Equipment for procurement during the FY 2026-27 and Next 3-5 years under **CSIR-Funded Projects (CSIR Project Mode)**:

Financial Year 2026-2027				
S. No.	**Name of Equipment / Item**	**Quantity (Nos.)**	**Approximate Cost** (Rs. In Lakhs)	**Project Number**
1	Macbook Pro	1	2	MMP015203
2	Laptop	1	2	MMP015203

Next 3-5 Years				
S. No.	**Name of Equipment / Item**	**Quantity (Nos.)**	**Approximate Cost** (Rs. In Lakhs)	**Project Number**
1				
2				

Table 3: Equipment for procurement during the FY 2026-27 and Next 3-5 years under **Externally Funded Projects (EFP)**:

Financial Year 2026-2027				
S. No.	**Name of Equipment / Item**	**Quantity (Nos.)**	**Approximate Cost** (Rs. In Lakhs)	**Project Number**
1				

2				
3				
4				

Next 3-5 Years				
S. No.	**Name of Equipment / Item**	**Quantity (Nos.)**	**Approximate Cost** (Rs. In Lakhs)	**Project Number**
1				
2.				
3.				
4.				

CSIR- Central Glass & Ceramic Research Institute

Name of the Division : ITCMS

Procurement Plan

[Financial Year 2026-27]

[B] Consumables:

The following categories of consumables are likely to be procured during the FY 2026-27.

Table 3: *Consumables likely to be procured during* ***Financial Year 2026-27*** *(Annual):*

S. No.	Category	Expected Procurement Value (Rs. In Lakhs)
1	Chemicals (ex.- Name the different chemicals like Solvents, Biochemical/s, Biochemical kits & enzymes, Diagnostic kits, Sequencing, Oligonucleotides, etc.)	
2	Other Consumables (ex- Insecticide, Raw Materials, Packing Material, Column, Syringes, Transcriptome and Metagenome Analysis, Metabolites analyses, Farm Consumables, TLC Plates, Filter papers, Planting materials, seeds, Chemical standards, Essential oils, Standard aroma molecules, Animal feed, Cell Lines, Agriculture accessories, etc.)	
3	Glass wares (ex- name the different glass wares)	
4	Plastic wares (ex- Name the different plastic wares)	
5	Cartridges, Batteries, etc. : Printer Certridges	0.6
6	Gases (ex- tentative names)	
8	Maintenance/AMC/repairing of existing equipment	
9	Stationary items (ex- name a few)	
10	IT / software-related Items (Name the items required during year) : Wifi Router and Wildcard SSL Certificate	1.5
11	Furniture (Name the items required during year)	
12	Harddisk	2.0
13	SSD	3.0
14	AMC for UPS	1.0
15	RAM for Workstations	3.0
16	HPC Server related accessories	8.0
17	Software related to Computational reserach	5.0

Details of procurement of Consumables				
S. No.	**Consumables/ Items**	**Category** *(As above 13 categories)*	**Expected Procurement Value** (Rs. In Lakhs)	**Project / Fund**

Updated on: ***02-02-2026***

CSIR- Central Glass & Ceramic Research Institute

Name of the Division: SGD

Procurement Plan

[Financial Year 2026-27]

[A] Equipment:

Table 1: Equipment for procurement during the FY 2026-27 and subsequent 3 – 5 years (under **Non-project mode**; out of **CSIR Grant / Lab Grant**):

Financial Year 2026-2027			
S. No.	**Name of Equipment / Item**	**Quantity (Nos.)**	**Approximate Cost** (Rs. In Lakhs)
1	**Salt Spray Chamber**	**1**	**4.00**
2	**Abrasion test meter**	**1**	**1.00**

Next 3-5 Years			
S. No.	**Name of Equipment / Item**	**Quantity (Nos.)**	**Approximate Cost** (Rs. In Lakhs)
1	**Viscometer**	**01**	**17 lakhs**

Table 2: Equipment for procurement during the FY 2026-27 and Next 3-5 years under **CSIR-Funded Projects (CSIR Project Mode)**:

Financial Year 2026-2027				
S. No.	**Name of Equipment / Item**	**Quantity (Nos.)**	**Approximate Cost (Rs. In Lakhs)**	**Project Number**
1	One UV cure chamber	01	5.5 Lakhs	Up-coming FTT project
2	Weather resistance Chamber	01	2.5 lakhs	Up-coming FTT project
3	Ultrasonication bath	01	0.6 lakhs	Up-coming FTT project

4	Workstation with computer for modelling and AL/ML	01	1.5 lakhs	Up-coming FTT project

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Next 3-5 Years				
S. No.	**Name of Equipment / Item**	**Quantity (Nos.)**	**Approximate Cost** (Rs. In Lakhs)	**Project Number**
1				
2				

Details of procurement of Consumables				
S. No.	**Consumables/ Items**	**Category** *(As above 13 categories)*	**Expected Procurement Value** (Rs. In Lakhs)	**Project / Fund**
1	Alkoxide of Si, Ti, Zr, Al etc., Resins Type ty types	1	10 lakha	FTT project
2	Different type of solvents	1	5 lakhs	FTT project
3	Salt of Cu, Zn, Ag and Au etc.	1	5 lakhs	FTT project
4	Glass wares with other consumables	2 &3	5 Lakhs	FTT project

Table 3: Equipment for procurement during the FY 2026-27 and Next 3-5 years under **Externally Funded Projects (EFP)**:

Financial Year 2026-2027				
S. No.	**Name of Equipment / Item**	**Quantity (Nos.)**	**Approximate Cost** (Rs. In Lakhs)	**Project Number**
1				
2				
3				

Next 3-5 Years				
S. No.	**Name of Equipment / Item**	**Quantity (Nos.)**	**Approximate Cost** (Rs. In Lakhs)	**Project Number**
1				
2.				

Updated on:02-02-2026

CSIR- Central Glass & Ceramic Research Institute

Name of the Division : SGD

Procurement Plan

[Financial Year 2026-27]

[B] Consumables:

The following categories of consumables are likely to be procured during the FY 2026-27.

Table 3: Consumables likely to be procured during **Financial Year 2027-27** (Annual):

S. No.	Category	Expected Procurement Value (Rs. In Lakhs)
1	Chemicals (ex.- Name the different chemicals like Solvents, Biochemical/s, Biochemical kits & enzymes, Diagnostic kits, Sequencing, Oligonucleotides, etc.) 1. Al_2O_3 2. ZrO_2 3. WO_3 4. Bi_2O_3 5. La_2O_3 6. SiO_2 7. Ga_2O_3 8. Ge_2O_3 9. TiO_2 10. Nb_2O_3 11. Sb_2O_3 12. Si wafer 13. Sputtering targets: SiO_2, HfO_2, Ag, Cu, Al_2O_3, TiO_2, ITO, ZnS, MoS_2, $MoSe_2$ 14. Machine oil	**58.5**

	15. Soluble oil 16. Grease 17. Polishing powder 18. Polishing felt 19. Calcium carbonate, 20.Strontium carbonate, 21. Boric acid, 22.Tri-calcium phosphate, 23.Nickel oxide, 24. Lanthanum oxide, 25. Quartz (fine granular), 26. Aluminium oxide calcined, 27. Red lead, 28.Sodium carbonate, 29. Potassium nitrate, 30. Cerium oxide, 31. Tantalum oxide, 32. Tellurium oxide, 33. Vanadium oxide, 34. Niobium oxide, 35. Germanium, 36. Antimony, 37. Selenium, 38. Arsenic, 39. Tellurium, etc 40. GeO_2 41. Ga_2O_3 42. $BaCO_3$ 43. La2O3	
2	Other Consumables (ex- Insecticide, Raw Materials, Packing Material, Column, Syringes, Transcriptome and Metagenome Analysis, Metabolites analyses, Farm Consumables, TLC Plates, Filter papers, Planting materials, seeds, Chemical standards, Essential oils, Standard aroma molecules, Animal feed, Cell Lines, Agriculture accessories, etc.)	
3	Glass wares (ex- name the different glass wares) 1. Silica Lid 2. Silica Channel 3. Silica Rod 4. Silica Tubes **5.** Silica ampoule	20.0
4	Plastic wares (ex- Name the different plastic wares)	
5	Cartridges, Batteries, etc. Printer Cartridge Laptop battery	0.50
6	Gases (ex- tentative names)	2.0

	UHP Nitrogen, Hydrogen, Argon, Oxygen, Helium, Mixed Gas	
7	Maintenance/AMC/repairing of existing equipment 1. AMC of Clean Room related to 15 L Induction Furnace	10.5
	2. AMC of 3kW Microwave Furnace	2.2
	3. Non Comprehensive AMC of Metal Evaporation System, Model 12" MSPT with RF/DC Sputtering and Thermal Evaporation System	1.1
	4. AMC of 5L Induction Melting Furnace (Megatherm make) at Room No. 54	2.1
	5. AMC of 5L Induction Melting Furnace (Megatherm make) at Optical Glass Plant	2.5
	6. AMC of 1L Induction Melting Furnace (Megatherm make) at Optical Glass Plant	2.0
	7. AMC of 15L Induction Melting Furnace (Electrotherm make) at Room No. 548A	3.0
	8. AMC of 5L Induction Melting Furnace (Electrotherm make) at Optical Glass Plant	3.0
	9. Non-comprehensive Annual Maintenance Contract for 5 Nos. Dehumidifiers	2.0
	10. AMC of FRS-1800-DRS furnace Rheometer System 1800	1.35
	11. Repairing of Heat treatment furnace	5.0
	12. AMC of Confocal Laser Micro Raman Spectrometer	3.0
	13. Non Comprehensive AMC of (i) FTIR (Model No. Frontier MIR/FIR DTGS/KBr Serial No. 000000000000089995 & Frontier Diffuse Reflectance Accy Serial No. PODL1111141) (ii) UV-VIS-NIR Spectrophotometer (Model No. LAMBDA950 Serial No. 950L1211273) 14. Spares for PM100 15. Servicing of Equipments: 1. Raman Spetrometet 2. Ellipsometeter 3. Compresor 4. Contact Angle Meter 15. AMC of Planetary Ball Mill	2.0 6.0 0.50
	16. Spares for Laser Micro Raman Spectrometer	18.00
	17. SENTRYGLAS® PLUS INTERLAYERSG5000	15.00
	18. DSC Sample crucible (NGB825767) Pt/Rh, outer bottom Ø 6.8 mm, 85 µl Netzsch, Germany . Qty: 20 nos	7.00
	19. IR heater	1.00

	20. Mould heating mantle	4.00
9	Stationary items (ex- name a few)	
10	IT / software-related Items (Name the items required during year)	
11	Furniture (Name the items required during year)	
13	Electric Items (Name the items required during year)	

CSIR- Central Glass & Ceramic Research Institute

Name of the Division: KRC

Procurement Plan

[Financial Year 2026-27]

[A] Equipment:

Table 1: Equipment for procurement during the FY 2026-27 and subsequent 3 – 5 years (under **Non-project mode**; out of **CSIR Grant / Lab Grant**):

Financial Year 2026-2027			
S. No.	**Name of Equipment / Item**	**Quantity (Nos.)**	**Approximate Cost** (Rs. In Lakhs)
1	Desktop with latest configuration	3	2.5
2	Vaccum Cleaner	1	.50
3	Webcam	2	.50
4			

Next 3-5 Years			
S. No.	**Name of Equipment / Item**	**Quantity (Nos.)**	**Approximate Cost** (Rs. In Lakhs)
1			
2			
3			
4			

Table 2: Equipment for procurement during the FY 2026-27 and Next 3-5 years under **CSIR-Funded Projects (CSIR Project Mode)**:

Financial Year 2026-2027				
S. No.	**Name of Equipment / Item**	**Quantity (Nos.)**	**Approximate Cost** (Rs. In Lakhs)	**Project Number**
1				

2				
3				
4				

**Please provide Project No. of each items for smooth processing of indents through ACCESS.*

Next 3-5 Years				
S. No.	**Name of Equipment / Item**	**Quantity (Nos.)**	**Approximate Cost** (Rs. In Lakhs)	**Project Number**
1				
2				
3				
4				

Table 3: Equipment for procurement during the FY 2026-27 and Next 3-5 years under **Externally Funded Projects (EFP)**:

Financial Year 2026-2027				
S. No.	**Name of Equipment / Item**	**Quantity (Nos.)**	**Approximate Cost** (Rs. In Lakhs)	**Project Number**
1				
2				
3				
4				

**Please provide Project No. of each items for smooth processing of indents through ACCESS.*

Next 3-5 Years				
S. No.	**Name of Equipment / Item**	**Quantity (Nos.)**	**Approximate Cost** (Rs. In Lakhs)	**Project Number**
1				
2.				
3.				

4.				

CSIR- Central Glass & Ceramic Research Institute

Name of the Division : KRC

Procurement Plan

[Financial Year 2026-27]

[B] Consumables:

The following categories of consumables are likely to be procured during the FY 2026-27.

Table 3: Consumables likely to be procured during **Financial Year 2027-27** (Annual):

S. No.	Category	Expected Procurement Value (Rs. In Lakhs)
1	Chemicals (ex.- Name the different chemicals like Solvents, Biochemical/s, Biochemical kits & enzymes, Diagnostic kits, Sequencing, Oligonucleotides, etc.)	
2	Other Consumables (ex- Insecticide, Raw Materials, Packing Material, Column, Syringes, Transcriptome and Metagenome Analysis, Metabolites analyses, Farm Consumables, TLC Plates, Filter papers, Planting materials, seeds, Chemical standards, Essential oils, Standard aroma molecules, Animal feed, Cell Lines, Agriculture accessories, etc.)	
3	Glass wares (ex- name the different glass wares)	
4	Plastic wares (ex- Name the different plastic wares)	
5	Cartridges, Batteries, etc.	0.30
6	Gases (ex- tentative names)	
8	Maintenance/AMC/repairing of existing equipment	
9	Stationary items (ex- name a few)	
10	IT / software-related Items (Name the items required during year)	0.09
11	Furniture (Name the items required during year)	
13	Electric Items (Name the items required during year)	

Details of procurement of Consumables				
S. No.	**Consumables/ Items**	**Category** *(As above 13 categories)*	**Expected Procurement Value** (Rs. In Lakhs)	**Project / Fund**
1	Cartridges 12A (4)	5	.30	
2	Pen drive 128 GB (2)	10	.03	
3	Wifi Router (1)	10	.06	
4				

Updated on: 30.01.2026

CSIR- Central Glass & Ceramic Research Institute

Name of the Division: Testing and Characterisation Cell (TCC)

Procurement Plan

[Financial Year 2026-27]

[B] Consumables:

The following categories of consumables are likely to be procured during the FY 2026-27.

Table 3: Consumables likely to be procured during **Financial Year 2027-27** (Annual):

S. No.	Category	Expected Procurement Value (Rs. In Lakhs)
1	Chemicals (ex.- Name the different chemicals like Solvents, Biochemical/s, Biochemical kits & enzymes, Diagnostic kits, Sequencing, Oligonucleotides, etc.)	NA
2	Other Consumables (ex- Insecticide, Raw Materials, Packing Material, Column, Syringes, Transcriptome and Metagenome Analysis, Metabolites analyses, Farm Consumables, TLC Plates, Filter papers, Planting materials, seeds, Chemical standards, Essential oils, Standard aroma molecules, Animal feed, Cell Lines, Agriculture accessories, etc.)	NA
3	Glass wares (ex- name the different glass wares)	NA
4	Plastic wares (ex- Name the different plastic wares)	NA
5	Cartridges, Batteries, etc.	NA
6	Gases (ex- tentative names)	NA
8	Maintenance/AMC/repairing of existing equipment	NA
9	Stationary items (ex- name a few)	NA
10	IT / software-related Items (Name the items required during year)	NA
11	Furniture (Name the items required during year)	NA
13	Electric Items (Name the items required during year)	NA

Details of procurement of Consumables				
S. No.	**Consumables/ Items**	**Category** *(As above 13 categories)*	**Expected Procurement Value** (Rs. In Lakhs)	**Project / Fund**
1	*Laser Printer Cartridge* CF510A, 511A, 512A, 513A (1 set+ 1 black)	5	.30	
2	Laser Printer Cartridge 335X (1)	5	.08	
3	HP Laser Jet CC388AC (4)	5	.25	
4	Room Freshner (4 pcs)	9	.015	
5	Mosquito repellent refil (10)	9	.008	
6	Pen- Blue (12) and Red (6)	9	.009	
7	Liquid Hand wash (750ml) Dettol/Lifebuoy (4 bottles)	9	.01	
8	Pencil Battery (R06) AA, Duracell	5	.003	