



वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद्
Council of Scientific & Industrial Research
अनुसंधान भवन 2 रफी मार्ग नई दिल्ली 110001
Anusandhan Bhawan, 2 Rafi Marg, New Delhi-110001



सं/No. SP-13021/4/2022-S and P-CSIR HQ (E 3586) दिनांक/Date: 11/05/2023

Through CSIR Website

सेवा में / To,

सी.एस.आई.आर. की सभी राष्ट्रीय प्रयोगशालाओं/संस्थानों/मुख्यालय/एकको के निदेशक/प्रमुख
The Directors/ Heads of all CSIR Laboratories/Institutes/Units

(Kind Attn: Sr. most Sr. CoSP/CoSP/SPO/SO(S&P) of respective Lab/Instt/Unit)

विषय/Sub: **Information regarding GTEs and STEs issued by the Lab/Instt/Unit**

महोदया/ महोदय/ **Madam / Sir,**

As per the GTE Approvals issued by the CSIR Hqrs, the designated authority was advised to issue Certificates (through email only) in terms of Clause 2 (iii) of Annexure II to DoE/MoF OM No. F.4/1/2021-PPD, dated 03rd August 2021 (endorsed vide CSIR letter no. SP-13021/4/2022- S and P-CSIR HQ dated 08/04/2022) to O/o PSA (office-psa@nic.in), DPIIT (pps-dipp@gov.in) and DSIR/CSIR (snp-info@csir.res.in). This is required to be placed before the Governing Body of CSIR. However, only a few Certificates have been received on this mail ID.

A list of all the GTE approvals given after 8th April 2022 by the Secretary DSIR/DG, CSIR is enclosed at Annexure 'A'. It is kindly requested to all the Sr. most Sr. CoSP/CoSP/SPO/SO(S&P) of the Lab/Instt/Unit to send a copy of Certificate issued by the Nodal Officer of respective Lab/Instt/Unit with regard to approvals pertaining to their Lab/Instt/Unit as provided at Annexure 'A'. The Certificates are to be sent as a single zip file having all the certificates.

Further, the GB, in its 199th meeting has decided that a list of procurements on single tender basis costing more than Rs. 2 crores need be informed to the GB.

It is, therefore, requested to all the Labs/Instt/Units to send the requisite information as per Annexure 'B' so that the consolidated list can be put up to the GB in its forthcoming meeting along with the Certificates for the Financial Year 2022-23.

Further, it is being considered to seek Standing Exemption from GTE approval/exemption in respect of all Direct Purchases and through LPC. In this regard we need data to be projected to the DoE/MoF for seeking such exemption. Hence you are also requested to send procurement data pertaining to Import through Direct or LPC made during FY 2022-23 as per Annexure 'C'.

You are therefore requested to forward the following information/Certificates through e-mail (Mail ID: snp-info@csir.res.in) with the subject line as "Information with Regard to GTE and STE":

- (a) Certificates issued by the Nodal Officer for GTEs issued for approvals at Annexure "A"
- (b) List of all procurements on single tender basis costing more than Rs. 2 crores for FY 2022 - 23
- (c) List of all Imports/GTEs made through Direct mode (GFR 154) or LPC made (GFR 155) during FY 2022-23

The above information may be submitted latest by 22nd May 2023 on PRIORITY

भवदीय/ Yours faithfully,

(सतीश चन्द्र / Satish Chandra)

भंडार एवं क्रय अधिकारी

Stores & Purchase Officer

Encls: As above

सूचनार्थ/Copy for information to :

1. Head IT - with the request to publish this communication on the CSIR website under Notification

Annexure A

GTE Approvals for FY 2022 - 23				
Sl_No	File_No	Approval Date	Lab_Name	Name of Items Approved
1	SP-13021/13/2022-S and P-CSIR HQ/II	08-09-2022	Council of Scientific Research Headquarter	(1) Mono Multi Functional Printers (78 Nos) (50 Nos upto 40 ppm speed and 28 Nos with 55 ppm or more) and (2) Microsoft Softwares (MS - Office Pro - 150 Nos, MS Team A5 License - 100 Nos, MS Team A3 License - 662 Nos and MS Windows Server 2019 Standard Licence (2 Core packs) - 88 Nos)
2	SP-13031/2/2023-S and P-CSIR HQ	17-01-2023	CSIR - Advanced Materials & Processes Research Institute	E-beam powder bed additive manufacturing
3	SP-13031/19/2023-S and P-CSIR HQ (E 8165)	01-02-2023	CSIR - Advanced Materials & Processes Research Institute	Thermal Retardant Test (TGA-DTA)
4	SP-13031/6/2023-S and P-CSIR HQ (E 8079)	03-02-2023	CSIR - Advanced Materials & Processes Research Institute	Multijet and TheraJet Extrusion based 3D Bioprinter
5	SP-13031/27/2023-S and P-CSIR HQ (E 8275)	08-02-2023	CSIR - Advanced Materials & Processes Research Institute	Bet Surface Area Analyzer
6	SP-13031/6/2023-S and P-CSIR HQ (E 8079)	13-02-2023	CSIR - Advanced Materials & Processes Research Institute	Thermal Conductivity System
7	SP-13031/9/2022-S and P-CSIR HQ	22-08-2022	CSIR - Center for Cellular and Molecular Biology	Network Attached Storage (NAS) - 2PB
8	SP-13031/9/2022-S and P-CSIR HQ	29-09-2022	CSIR - Center for Cellular and Molecular Biology	Bionano prep SP Blood and Cell Ver2.30 genome bundle G2.3 - 16 Nos
9	SP-13031/9/2022-S and P-CSIR HQ	29-09-2022	CSIR - Center for Cellular and Molecular Biology	(1) Lab Deep Freezer -80 Deg to -86 Deg C (2) Illumina Kits/Consumables
10	SP-13031/9/2022-S and P-CSIR HQ - Part (1)	07-11-2022	CSIR - Center for Cellular and Molecular Biology	Large Volume Refrigerated Centrifuge 12 Nos
11	SP-13031/9/2022-S and P-CSIR HQ	28-11-2022	CSIR - Center for Cellular and Molecular Biology	(1) Nanopore Sequencing Kit and reagents (2) MGI Sequencing Consumables and (3) 10x Genomic Sequencing Kits/Consumables
12	SP-13031/9/2022-S and P-CSIR HQ	14-12-2022	CSIR - Center for Cellular and Molecular Biology	Laboratory Veterinary Biochemistry Analyser
13	SP-13031/9/2022-S and P-CSIR HQ	30-12-2022	CSIR - Center for Cellular and Molecular Biology	(1) Drosophila fly strains and (2) D - Glucose
14	SP-13031/9/2022-S and P-CSIR HQ - Part (1)	13-01-2023	CSIR - Center for Cellular and Molecular Biology	(1) Dovetail Reagents and Kits (2) Beckman Coulter Reagents, and (3) Incubator Shaker with Refrigeration
15	SP-13031/16/2023-S and P-CSIR HQ (E 8115)	27-01-2023	CSIR - Center for Cellular and Molecular Biology	NovaSeq 6000 SP Reagent Kit v 1.5 (500 cycles)
16	SP-13031/9/2022-S and P-CSIR HQ	01-02-2023	CSIR - Center for Cellular and Molecular Biology	Rodent Diet-Safe Diet-Autoclavable D 1311
17	SP-13031/16/2023-S and P-CSIR HQ (E 8093)	01-02-2023	CSIR - Center for Cellular and Molecular Biology	Seeds of different alleles
18	SP-13031/9/2022-S and P-CSIR HQ-Part(1)	08-02-2023	CSIR - Center for Cellular and Molecular Biology	Variant II Beta Thalaseemia Screening kits
19	SP-13031/4/2022-S and P-CSIR HQ	01-07-2022	CSIR - Central Building Research Institute	Ground Penetrating Radar (GPR)
20	SP-13031/13/2022-S and P-CSIR HQ	02-09-2022	CSIR - Central Drug Research Institute	Benchtop Refrigerated Centrifuge
21	SP-13031/5/2022-S and P-CSIR HQ	19-09-2022	CSIR - Central Drug Research Institute	500 MHz NMR Spectrometer
22	SP-13031/13/2022-S and P-CSIR HQ	15-11-2022	CSIR - Central Drug Research Institute	(1) Small Animal Telemetry and (2) Laboratory Mice
23	SP-13031/5/2022-S and P-CSIR HQ	16-11-2022	CSIR - Central Drug Research Institute	(1) Fully Automated Haematology Analyzer and (2) Herbarium Scanner
24	SP-13031/13/2022-S and P-CSIR HQ	13-01-2023	CSIR - Central Drug Research Institute	(1) Refrigerated Centrifuge (Indent No. 15748) and (2) Particle Size Analyser (Indent No. 9543)
25	SP-13031/13/2022-S and P-CSIR HQ	17-01-2023	CSIR - Central Drug Research Institute	FDA approved Drug Library
26	SP-13031/11/2023-S and P-CSIR HQ (E 8092)	27-01-2023	CSIR - Central Drug Research Institute	Co2 Incubator with O2 Sensor
27	SP-13031/16/2022-S and P-CSIR HQ	03-11-2022	CSIR - Central Electrochemical Research Institute	(1) Platinum based catalyst for fuel cell (2) Gas Diffusion Layer
28	SP-13031/16/2022-S and P-CSIR HQ	23-11-2022	CSIR - Central Electrochemical Research Institute	(1) PFSA - Membrane, 5 mil thickness (2) High Energy Planetary Micro Mill (3) Test Station for Proton Exchange Membrane (PEM) based water electrolyser (4) Hydron Catalyst coated Membrane (5) Baltic Fuel Cell Testing and Analysis Fixture and (6) Catalyst Coating System
29	SP-13031/16/2022-S and P-CSIR HQ - Part(1)	28-11-2022	CSIR - Central Electrochemical Research Institute	(1) Membrane (12 Micron) (2) Hardness Tester Vickers (3) Metal powder for EOS Metal Printer and (4) Higher Current Fuel Cell Test Station

GTE Approvals for FY 2022 - 23				
Sl_No	File_No	Approval Date	Lab_Name	Name of Items Approved
30	SP-13031/16/2022-S and P-CSIR HQ	25-01-2023	CSIR - Central Electrochemical Research Institute	(1) Computer Workstation (2) High End Computer Workstation (3) AI Workstation (4) Spray Machine (Spray Gun) (5) Slot Die Coater (6) Coin Cell components and (7) Full filament Extrusion System
31	SP-13031/19/2022-S and P-CSIR HQ - Part(1)	10-11-2022	CSIR - Central Electronics Engineering Research Institute	(1) Optical Spectrum Analyzer for Broadband Source (2) Brazing Alloys with various Specifications (3) Absolute YUV/UV intensity meter (4) WR284 Waveguide RF Load (5) Ion Pump with Controller and Alumina 99.5% circular disk with metallization on side walls
32	SP-13031/19/2022-S and P-CSIR HQ	23-11-2022	CSIR - Central Electronics Engineering Research Institute	(1) High Voltage Power Supply (Pulse and DC) (2) Transmission Electron Microscope (TEM) with sample preparation and (3) Die Sinking Machine
33	SP-13031/19/2022-S and P-CSIR HQ - Part(1)	23-11-2022	CSIR - Central Electronics Engineering Research Institute	(1) RF window for Klystron and (2) High Power RF Source
34	SP-13031/19/2022-S and P-CSIR HQ	05-12-2022	CSIR - Central Electronics Engineering Research Institute	(1) 13 GHz Digital Oscilloscope and (2) Vsim 12.0 Perpetual License
35	SP-13031/19/2022-S and P-CSIR HQ - Part(1)	14-12-2022	CSIR - Central Electronics Engineering Research Institute	Permanent Ring Magnets
36	SP-13031/19/2022-S and P-CSIR HQ	12-01-2023	CSIR - Central Electronics Engineering Research Institute	(1) Soft PZT (Lead Zirconate Titanate) (2) THz Source, Camera, with Horn Antenna and Integrated Attenuator and (3) High power RF Source with power supply and RF plumbing line
37	SP-13031/8/2023-S and P-CSIR HQ (E 8082)	27-01-2023	CSIR - Central Electronics Engineering Research Institute	Altair Enterprise Computing System/Software PBS works
38	SP-13031/19/2022-S and P-CSIR HQ (E 6703)	20-02-2023	CSIR - Central Electronics Engineering Research Institute	Multispectral Camera for drones
39	SP-13031/14/2022-S and P-CSIR HQ	08-09-2022	CSIR - Central Glass and Ceramic Research Institute	Laser Line width and Phase noise analyser system (1530 nm-1565 nm)
40	SP-13031/14/2022-S and P-CSIR HQ	08-09-2022	CSIR - Central Glass and Ceramic Research Institute	(1) Low frequency long stroke electrodynamic air bearing shaker with power amplifier, controller and reference accelerometer and (2) Open Flange SOEC-SOFC Large Area Cell and Stack Tester for Large Cells.
41	SP-13031/14/2022-S and P-CSIR HQ - Part(1)	10-11-2022	CSIR - Central Glass and Ceramic Research Institute	Distributed Fiber Optic Sensor Interrogator
42	SP-13031/14/2022-S and P-CSIR HQ	17-01-2023	CSIR - Central Glass and Ceramic Research Institute	(1) Renewal of PDF-4+ site license (ICCD XRD Database Software) (2) Prism Coupler (3) Simulia Abaqus Academic Research Suite (Software) (4) Optical Spectrum Analyzer (5) Femtosecond Laser 10W 200 microJ 1000KHz
43	SP-13031/11/2022-S and P-CSIR HQ	24-08-2022	CSIR - Central Leather Research Institute	Synthetic User Defined Genes
44	SP-13031/3/2022-S and P-CSIR HQ	02-08-2022	CSIR - Central Road Research Institute	Mobileye 8 Connect (100 Nos)
45	SP-13031/8/2022-S and P-CSIR HQ	08-08-2022	CSIR - Central Road Research Institute	Universal Testing Machine

GTE Approvals for FY 2022 - 23				
Sl_No	File_No	Approval Date	Lab_Name	Name of Items Approved
46	SP-13031/3/2022-S and P-CSIR HQ - Part (1)	29-11-2022	CSIR - Central Road Research Institute	(1) Video V Box Pro 10 Hz with 4 Camera and (2) TOBII Pro Glasses - 3
47	SP-13031/8/2022-S and P-CSIR HQ	20-12-2022	CSIR - Central Road Research Institute	(1) Dynamic Shear Rheometer (DSR) (2) Multi Road Profiler - 3000 (3) Dynamic Friction Tester (DFT) and (4) Network Survey Vehicle System (NSV)
48	SP-13031/34/2023-S and P-CSIR HQ (E 8893)	21-03-2023	CSIR - Central Salt & Marine Chemical Research Institute	(1) MIKE+License Software and (2) Hollow Fiber Module potting Machine
49	SP-13031/1/2022-S and P-CSIR HQ	19-09-2022	CSIR - Central Scientific Instruments Organization	(1) Atomic Forced Microscope (2) Direct Writing Lithography, (3) Nano Imprint Lithography System (4) Spin Coating System (5) Dynamic Fatigue Testing Machine (6) Phase grafting Interferometer (PGI) (7) Piezo Electric Dynamometer.
50	SP-13031/1/2022-S and P-CSIR HQ	10-10-2022	CSIR - Central Scientific Instruments Organization	(1) Variable angle spectroscopic Ellipsometer (2) Sun Simulator
51	SP-13031/1/2022-S and P-CSIR HQ	07-11-2022	CSIR - Central Scientific Instruments Organization	(1) Infrared Thermal imaging camera and (2) Non-Contact Optical surface Profilometer
52	SP-13031/1/2022-S and P-CSIR HQ	28-11-2022	CSIR - Central Scientific Instruments Organization	X - Ray Source(X Ray Tube Power: 150 W, Output 60kV, 12 V Fan)
53	SP-13031/1/2022-S and P-CSIR HQ	27-01-2023	CSIR - Central Scientific Instruments Organization	(1) Coherent Optical (2) Receiver/Detector Narrow Line width Laser (3) EOS TI64 ELI Powder
54	SP-13031/30/2023-S and P-CSIR HQ (E 8289)	08-02-2023	CSIR - Central Scientific Instruments Organization	(1) Upgradation of Mimics Innovation Suite Software and (2) X-Ray Detector
55	SP-13031/1/2022-S and P-CSIR HQ (E 4637)	10-03-2023	CSIR - Central Scientific Instruments Organization	Polarize Microscope with heating stage
56	SP-13031/30/2023-S and P-CSIR HQ (E 8289)	10-03-2023	CSIR - Central Scientific Instruments Organization	SXGA Microdisplay System, Developer
57	SP-13031/33/2023-S and P-CSIR HQ (E 8836)	31-03-2023	CSIR - Indian Institute of Chemical Biology	Cloning Vectors (2 Proposals) and Reagents (2 Proposals)
58	SP-13031/20/2022-S and P-CSIR HQ	23-11-2022	CSIR - Indian Institute of Chemical Technology	(1) Liquid Chromatography–Mass Spectrometry/MS Triple Quadrupole System (2) Bench Top Liquid Chromatography–Mass Spectrometry System (3) Gas Chromatography System (4) Solvent Extraction System (5) Refrigerated Centrifuge (6) Gas Chromatograph (7) Servers (8) Wireless Network Upgradation and (9) HPLC with Detectors
59	SP-13031/20/2022-S and P-CSIR HQ	16-12-2022	CSIR - Indian Institute of Chemical Technology	(1) Atomic Absorption Spectrometer (2) GC With FID and NPD and (3) HPLC Chromatography with PDA and ELSD
60	SP-13031/21/2023-S and P-CSIR HQ (E 8197)	01-02-2023	CSIR - Indian Institute of Chemical Technology	(1) 500 MHz NMR Spectrometer with Flow Chemistry NMR Applications (2) Refrigerated high speed table top centrifuge (3) Electro Chemical Work Station
61	SP-13031/23/2022-S and P-CSIR HQ	14-12-2022	CSIR - Indian Institute of Petroleum	(1) Mass based Quantitative Online Real Time Gas and Vapour Mixture Analyser (2) H-GC with FID and MSD (3) High Temperature GC Wax Analyzer and (4) GC Transformer Oil Gas Analyzer
62	SP-13031/15/2023-S and P-CSIR HQ (E 8097)	27-01-2023	CSIR - Indian Institute of Petroleum	(1) Customized Gas Analyzer (2) High Temperature Gas Chromatography with Flame Ionisation Detector (GC-FID) and (3) Chemisorption TPR/TPD Analyzer
63	SP-13031/22/2022-S and P-CSIR HQ	30-12-2022	CSIR - Indian Institute of Toxicology Research	3D Bio-printer
64	SP-13031/22/2022-S and P-CSIR HQ	13-01-2023	CSIR - Indian Institute of Toxicology Research	Solar Simulator
65	SP-13031/22/2022-S and P-CSIR HQ (E 7332)	28-02-2023	CSIR - Indian Institute of Toxicology Research	Refrigerated Centrivap Vacuum Concentrator

GTE Approvals for FY 2022 - 23

SI_No	File_No	Approval Date	Lab_Name	Name of Items Approved
66	SP-13031/17/2022-S and P-CSIR HQ	29-09-2022	CSIR - Institute of Integrative Biology	(1) NovaSeq 6000 SI reagent kit V1.5, (2) NovaSeq 6000 S4 reagent kit V 1.5 (3) TrueSeq stranded total RNA library prep globin and (4) IDT for Illumina-TruSeq RNA UD Indexes
67	SP-13031/17/2022-S and P-CSIR HQ	07-11-2022	CSIR - Institute of Integrative Biology	(1) Illumina TruSeq® Stranded Total RNA Library Prep Gold (48 Samples) (2) IDT for Illumina TruSeq® RNA UD Indexes (96 Indexes, 96 Samples) (3) TruSeq® Stranded Total RNA Library Prep Globin (48 Samples) (4) Nova Seq 6000 SI Reagent Kit v 1.5 (100 cycles) and PhiX Control v3
68	SP-13031/17/2022-S and P-CSIR HQ	13-01-2023	CSIR - Institute of Integrative Biology	(1) NovaSeq Kits/Consumables (Indent No. IGIB/2022/13747 (2) Indent No. IGIB/2022/13312, and (3) Indent No. SC-Nov/22-2
69	SP-13031/4/2023-S and P-CSIR HQ (E 8041)	27-01-2023	CSIR - Institute of Integrative Biology	NextSeq2000 P3 reagents 200 cycles
70	SP-13031/24/2023-S and P-CSIR HQ	08-02-2023	CSIR - Institute of Integrative Biology	(1) Illumina Sequencing Kits/consumables and GSA (2) NextSeqTM 2000 P3 Reagents (3) Illumina sequencing kits/consumables and (4) Infinium GSA
71	SP-13031/24/2023-S and P-CSIR HQ (E 8260)	27-02-2023	CSIR - Institute of Integrative Biology	(1) Chromium Next GEM Single 3' kit v3.1 - 4 reactions (2) Chromium Next GEM Chip G Single cell kit (3) Dual Index Kit TT Set A and (4) Library Construction Kit
72	SP-13031/17/2022-S and P-CSIR HQ (E 6377)	28-02-2023	CSIR - Institute of Integrative Biology	Sequencing reagents
73	SP-13031/4/2023-S and P-CSIR HQ (E 8041)	28-02-2023	CSIR - Institute of Integrative Biology	NovaSeq 6000 S1 Reagent Kit v1.5 (300 cyc), catalogue no. 20028317
74	SP-13031/4/2023-S and P-CSIR HQ (E 8041)	10-03-2023	CSIR - Institute of Integrative Biology	Infinium Global Screening Array, Indent No. IGIB/2023/2370
75	SP-13031/17/2022-S and P-CSIR HQ (E 6377)	23-03-2023	CSIR - Institute of Integrative Biology	Tabletop Ultracentrifuge
76	SP-13031/12/2022-S and P-CSIR HQ	02-09-2022	CSIR - Institute of Microbial Technology	Bacterial Cultures
77	SP-13031/12/2022-S and P-CSIR HQ	19-09-2022	CSIR - Institute of Microbial Technology	Spare Parts and Consumables of Millipore Water Purification System
78	SP-13031/12/2022-S and P-CSIR HQ	19-09-2022	CSIR - Institute of Microbial Technology	(1) 8 Bacterial Cultures and (2) Deep Freezer
79	SP-13031/12/2022-S and P-CSIR HQ - Part(1)	10-11-2022	CSIR - Institute of Microbial Technology	(1) ABSL - 3 compatible Individually Ventilated Cage System (IVCs) for Mice and Rats/Hamsters and (2) MALDI - TOF for Microbial Identification
80	SP-13031/12/2022-S and P-CSIR HQ	23-11-2022	CSIR - Institute of Microbial Technology	Bench top Fermenter with glass vessel (Working Volume up to 5 Lit), Controller and other accessories
81	SP-13031/12/2022-S and P-CSIR HQ	06-01-2023	CSIR - Institute of Microbial Technology	(1) Flow Cell and (2) Biosafety Cabinet Class II B2-BSL3
82	SP-13031/20/2023-S and P-CSIR HQ (E 8195)	01-02-2023	CSIR - Institute of Minerals & Materials Technology	Benchtop Ultrasonic spin-spray coater with heating function and other accessories
83	SP-13031/15/2022-S and P-CSIR HQ	19-09-2022	CSIR - National Aerospace Laboratories	(1) NAL/PUR/ACD/022/22-Y : PP film (2) NAL/PUR/ACD/531/21-Y : Autoclave consumables (3) NAL/PUR/ACD/027/22-Y : Tooling Resin and Hardener (4) NAL/PUR/ACD/108/22-Y : Glass BD Prepreg (5) NAL/PUR/ACD/064/22-Y : Bagging Film
84	SP-13031/15/2022-S and P-CSIR HQ	15-11-2022	CSIR - National Aerospace Laboratories	(1) DC Sputtering & DC Bias Power Supply and (2) Pressure Sensitive Tape
85	SP-13031/15/2022-S and P-CSIR HQ	03-01-2023	CSIR - National Aerospace Laboratories	(1) Lithium Battery System (2) Fibre Optic Distribution Sensing System
86	SP-13031/15/2022-S and P-CSIR HQ	12-01-2023	CSIR - National Aerospace Laboratories	Accelerated Xenon Test Chamber

GTE Approvals for FY 2022 - 23				
Sl_No	File_No	Approval Date	Lab_Name	Name of Items Approved
87	SP-13031/15/2022-S and P-CSIR HQ	06-02-2023	CSIR - National Aerospace Laboratories	(1) Supply of Recirculation Fan for ECS System (2) Portal gantry type Computer Numerical Controlled (CNC),AFP (3) Raw Materials for fabrication of SARAS MK2 ECS, LSSC, DE-ICING & Power Plant Parts and (4) Ground Cooling Fan
88	SP-13031/31/2023-S and P-CSIR HQ (E 8313)	08-02-2023	CSIR - National Aerospace Laboratories	Vapour Pressure Osmometer
89	SP-13031/29/2023-S and P-CSIR HQ (E 8285)	08-02-2023	CSIR - National Aerospace Laboratories	ESP-32HD Miniature Pressure Scanner
90	SP-13031/29/2023-S and P-CSIR HQ (E 8285)	10-03-2023	CSIR - National Aerospace Laboratories	(1) Air Data Probe (5-Hole Probe) and Micro Air Data Computer, (2) Carbon Polyimide, product code NRPE/T650-35 3K 8HS Desized
91	SP-13031/2/2022-S and P-CSIR HQ	18-07-2022	CSIR - National Chemical Laboratories	Electrochemical Workstation
92	SP-13031/2/2022-S and P-CSIR HQ	22-08-2022	CSIR - National Chemical Laboratories	Baltic Fuel Cell Characterization & Testing analysis fixtures
93	SP-13031/2/2022-S and P-CSIR HQ	22-08-2022	CSIR - National Chemical Laboratories	(1) Natural Graphite Grade 3243 (2) Simultaneous Thermal Analyzer (STA) (3) TPR/TPD/Chemisorption Analyzer (4) Differential Scanning Calorimeter (DSC) (5) Servers for R&D use (6) 400 MHz Standard Bore triple Channel NMR Spectrometer
94	SP-13031/2/2022-S and P-CSIR HQ -Part(1)	10-11-2022	CSIR - National Chemical Laboratories	Electrochemical Workstation
95	SP-13031/2/2022-S and P-CSIR HQ	14-12-2022	CSIR - National Chemical Laboratories	GPC with RI and UV Detector
96	SP-13031/2/2022-S and P-CSIR HQ	20-01-2023	CSIR - National Chemical Laboratories	Mercury Intrusion Porosimeter
97	SP-13031/23/2023-S and P-CSIR HQ (E 8254)	03-02-2023	CSIR - National Chemical Laboratories	Benchtop Powder X-Ray Diffractometer (XRD)
98	SP-13031/14/2023-S and P-CSIR HQ (E 8095)	06-02-2023	CSIR - National Chemical Laboratories	(1) Inline Portable Fourier Transform IR Spectrophotometer with flow through cell (2) Compact Inline MS (3) Automated microwave synthesizer with batch capacity (4) HT - GPC with infrared detector and (5) Refrigerated Centrifuge
99	SP-13031/23/2023-S and P-CSIR HQ (E 8254)	13-02-2023	CSIR - National Chemical Laboratories	AEM Electrolyser Enapter EL 4.0
100	SP-13031/14/2023-S and P-CSIR HQ (E 8095)	28-02-2023	CSIR - National Chemical Laboratories	Nafion Solution Grade
101	SP-13031/14/2023-S and P-CSIR HQ (E 8095)	23-03-2023	CSIR - National Chemical Laboratories	Microfluidic System for Natural and Synthetic polymer beads synthesis
102	SP-13031/6/2022-S and P-CSIR HQ	02-08-2022	CSIR - National Environmental Engineering Research Institute	Class I Sound level cum Vibration Meter
103	SP-13031/6/2022-S and P-CSIR HQ	08-09-2022	CSIR - National Environmental Engineering Research Institute	Procurement of Eddy Covariance System
104	SP-13031/6/2022-S and P-CSIR HQ	23-11-2022	CSIR - National Environmental Engineering Research Institute	Covid - 19 Sequencing reagents
105	SP-13031/6/2022-S and P-CSIR HQ	13-01-2023	CSIR - National Environmental Engineering Research Institute	(1) Sound Level Meter and (2) Stereo Zoom Microscope
106	SP-13031/6/2022-S and P-CSIR HQ (E 5401)	07-03-2023	CSIR - National Environmental Engineering Research Institute	Upgradation of WMS10.1V software to 11.1V
107	SP-13031/18/2022-S and P-CSIR HQ	10-10-2022	CSIR - National Institute for Interdisciplinary Science and Technology	Accelerated Testing Equipment
108	SP-13031/18/2022-S and P-CSIR HQ	10-11-2022	CSIR - National Institute for Interdisciplinary Science and Technology	High Purity Organic chemicals used for device fabrication
109	SP-13031/18/2022-S and P-CSIR HQ	30-12-2022	CSIR - National Institute for Interdisciplinary Science and Technology	Photochemical reactor with the light of tunable intensity
110	SP-13031/10/2023-S and P-CSIR HQ (E 8085)	27-01-2023	CSIR - National Institute for Interdisciplinary Science and Technology	(1) Dynamic Light Scattering (DLS) and (2) Zeta Potential Measurement Instrument
111	SP-13031/18/2022-S and P-CSIR HQ (E 6424)	22-03-2023	CSIR - National Institute for Interdisciplinary Science and Technology	Chemicals
112	SP-13031/21/2022-S and P-CSIR HQ	23-11-2022	CSIR - National Institute of Oceanography	Dual Beam Spectrophotometer
113	SP-13031/21/2022-S and P-CSIR HQ - Part(1)	13-12-2022	CSIR - National Institute of Oceanography	(1) Water Level Recorder (2) Bioluminometer and (3) Deck Unit with Non - Rugged Transducer

GTE Approvals for FY 2022 - 23				
Sl_No	File_No	Approval Date	Lab_Name	Name of Items Approved
114	SP-13031/21/2022-S and P-CSIR HQ	14-01-2023	CSIR - National Institute of Oceanography	Procurement of Hiring and Operation of Ocean Bottom Seismometer (OBS)
115	SP-13031/21/2022-S and P-CSIR HQ - Part(1)	17-01-2023	CSIR - National Institute of Oceanography	(1) Sea Guard Platform (Deep Sea Recording Current Meter) (2) Portable Integrated Echosounder (3) Inductively Coupled Plasma - Optical Emission Spectrometer and (4) SIS Water Column & Hydrographic Workstation
116	SP-13031/18/2023-S and P-CSIR HQ (E 8159)	01-02-2023	CSIR - National Institute of Oceanography	(1) Conductivity, Temperature and Depth (CTD) Profiler (2) Research Upright Compound Microscope (3) CNS Elemental Analyser
117	SP-13031/21/2023-S and P-CSIR HQ (E 6919)	20-02-2023	CSIR - National Institute of Oceanography	Hiring and Operation of Under Water Remotely Operated Vehicle (ROV)
118	SP-13031/18/2023-S and P-CSIR HQ (E 8159)	14-03-2023	CSIR - National Institute of Oceanography	(1) Polymer Impregnated, Torque balanced jacketed mooring wire rope shots etc, (2)INTREPID (Intermediate) and GEOMODELLER (Intermediate) Academic Software Licenses. (3)Proteus DS Single Basic 01 year subscription software
119	SP-13031/18/2023-S and P-CSIR HQ (E 8159)	31-03-2023	CSIR - National Institute of Oceanography	Upgradation of existing Delft3D Hydro-Morphodynamics Basic service package
120	SP-13031/32/2023-S and P-CSIR HQ (E 8359)	13-02-2023	CSIR - National Institute Of Science Communication and Policy Research	SimaPro LCA Software
121	SP-13031/10/2022-S and P-CSIR HQ	22-08-2022	CSIR - National Metallurgical Laboratory	(1) Bond Abrasion Tester (2) Bond Impact Sensor and (3) Wavelength Dispersive X-Ray Fluorescence Spectrometer (WD - XRF)
122	SP-13031/7/2022-S and P-CSIR HQ	09-09-2022	CSIR - National Physical Laboratory	(1) E - Field probe (2) Broadband Amplifier DC to 1 MHz (3) Broadband Amplifier 9 kHz to 1 GHz (4) Pre - Amplifier 20 GHz to 50 GHz (5) Broadband Amplifier 6 GHz to 20 GHz (6) EM CCD Camera (7) Optics & Optomechanics (8) Electro Optic Modulator (EOMs) (9) Vapor Cell machine and Nano Fabrication Unit
123	SP-13031/7/2022-S and P-CSIR HQ	21-10-2022	CSIR - National Physical Laboratory	(1) Acoustic Emission System (2) Ultrasonic Pulser Receiver (3) Variable Optical Attenuator (4) Closed Cycle Cryostat (Cryo- Free) with a base temperature of 1.5 K and integrated measurement electronics (5) Atomic Force Microscope (AFM) (6) Low temperature cryostat with superconducting magnet and variable temperature inserts (VTI) and with RF/MW wiring and optical coupling from 1.5 K-300 K (7) Optical Beam Splitter (8) Fiber Coupled Si-Avalanche Photo Diode's (9) Infrared wavelength ranges Free-Running Single- Photon Detector (InGaAs-APD) (10) Heating and Freezing Chamber
				(11) Turbomolecular pump (12) Fabry-Perot Cavity (13) Ion pump (14) Laser with related optical, optomechanics and electrical accessories (15) RF spectrum Analyzer (16) Wavelength meter (17) Establishment of facility for testing, calibration and certification of Online Continuous Emission Monitoring Systems (OCEMS) & Continuous Ambient Air Quality Monitoring Systems (CAAQMS) (18) Digital Baromaeter (19) Ozone Analyzer (20) Zero Air generator

GTE Approvals for FY 2022 - 23				
Sl_No	File_No	Approval Date	Lab_Name	Name of Items Approved
				(21) Multi Gas Calibrator (22) Standard Light Sources Calibrated from NMI (National Metrology Institute) (23) Crystals (for FHG, SHG, THG, FHG and OPO) Femto-second Optics, Admixture (24) Spectrometer/Spectoradiometer (25) Secondary Reference Solar Cells (26) Scanning Fabry- perot (27) CCD Camera (28) UV Radiometry Setup
124	SP-13031/7/2022-S and P-CSIR HQ	27-01-2023	CSIR - National Physical Laboratory	(1)Electron Beam Lithography (EBL) (2) Inductively coupled plasma reactive ion etching (ICP-RIE) (3) Development of primary vacuum and pressure standard in the range of <150kPa (4) Tera Ohm Meter/Tera Ohm bridge with scanner (5) Ultrastable low noise current amplifier (ULCA) THz comb (6) Noise Mapping Software (7) Sound Level Meter Calibration Facility (8) Low Temperature Controller (9) Calibration Gas Standards (10) Forward Light Scattering Photometer
125	SP-13031/17/2023-S and P-CSIR HQ (E 8124)	01-02-2023	CSIR - National Physical Laboratory	1. FT-NMR 2. High Temperature High Pressure Reactor 3. HPLC-MS 4. Microwave Digester System 5. Moisture Analyzer (Karl Fischer Titrator) 6. Refractometer 7. Flashpoint point determination and density meter equipment 8. High Purity (18.2MΩ-cm) Deionized Water Plant/Unit 9. Hyperthermia Measurement System/Instrument 10.Pour Point 11.Rheometer 12.XRF Instrument 13.Planetary Ball Milling
				14.UV Spectrophotometer 15.CHNS Analyzer 16.Balance of 40 Kg Capacity 17.Electrochemical Analyzer 18.System for primary pH measurement 19.Charpy Hardness 20.ICP_OES 21.Blain Air Permeability Apparatus/Automated Blain Fineness Apparatus 22.Laser Flash Analyze (LFA) for Thermal Conductivity 23.Dynamic Pressure Calibration System 24.Vector Network Analyzer (≤10MHz to ≥25GHz) with accessories. 25.Precision Digital Thermometer (0.07ppm) with multi channel accessory 26.Resistance Thermometry Bridge (0.02 ppm)
126	SP-13031/22/2023-S and P-CSIR HQ (E 8250)	28-02-2023	CSIR - National Physical Laboratory	Optical Table
127	SP-13031/17/2023-S and P-CSIR HQ (E 8124)	07-03-2023	CSIR - National Physical Laboratory	NOx Analyzer
128	SP-13031/22/2023-S and P-CSIR HQ (E 8250)	23-03-2023	CSIR - National Physical Laboratory	(1) Compliance Test conformance to DLMS and (2) Gas Chromatograph with Helium Ionization Detector
129	SP-13031/3/2023-S and P-CSIR HQ	25-01-2023	CSIR - Traditional Knowledge Digital Library Unit	Vmware Vsphere Standard

GTE Approvals for FY 2022 - 23				
Sl_No	File_No	Approval Date	Lab_Name	Name of Items Approved
130	SP-13021/13/2022-S and P-CSIR HQ/I	08-09-2022	CSIR-Central Mechanical Engineering Research Institute	(1) Enterprise Grade Core Switches (2 Nos), (2) Enterprise Grade Distribution Switches (24 Nos) (3) Edge Switches (6 Nos) and (4) Compliant NMS Software

Annexure B

List of all Procurements on single tender basis costing more than Rs. 2 Crores for FY 2022 – 23

Name of Lab/Instt/Unit _____

[illegible]

Annexure C

List of all Imports/GTE made through Direct Purchase Mode of LPC Mode for FY 2022 – 23

Name of Lab/Instit/Unit _____

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