

**[CSIR-INDIAN INSTITUTE OF CHEMICAL BIOLOGY]**

**Procurement Plan**  
**[Financial Year 2025-26]**

**[A] Equipment:**

**Table 1:** Equipment for procurement during the FY 2025-26 and subsequent 3 – 5 years (under **Non-project mode**; out of CSIR Grant / Lab Grant):

| <b>Financial Year 2025-2026</b> |   |                        |  |
|---------------------------------|---|------------------------|--|
| <b>S. No.</b>                   | <b>Name of Equipment / Item</b>                                       | <b>Quantity (Nos.)</b> | <b>Approximate Cost (Rs. in Lakhs)</b> |
| 1                               | Transmission Electron Microscope                                      | 1                      | 800.00                                 |
| 2                               | Metabolic flux analyser   | 1                      | 175.00                                 |
| 3                               | Upgradation of Zeiss LSM980 confocal microscope with airy scan module | 1                      | 120.00                                 |
| 4                               | Ultra Microtome   | 1                      | 60.00                                  |
| 5                               | Luminex Multiplex   | 1                      | 80.00                                  |
| 6                               | Droplet Digital PCR   | 1                      | 72.00                                  |
| 7                               | Central synthetic chemical lab  |                        |  |
|                                 | 7 (i) Rotary Evaporator with vacuum pump and controller               | 1                      | 6.30                                   |
|                                 | 7 (ii) Low temperature Chiller  | 1                      | 5.00                                   |
|                                 | 7 (iii) Magnetic Stirrer with probe                                   | 6                      | 4.80                                   |
|                                 | 7 (iv) Heating mantle   | 4                      | 0.50                                   |
|                                 | 7 (v) Argon and Nitrogen Cylinder with regulator                      | 1                      | 0.60                                   |
|                                 | 7 (vi) Hot air oven with blower ~100 litre                            | 1                      | 0.80                                   |
|                                 | 7 (vii) Vacuum oven ~60 litre   | 1                      | 2.25                                   |
|                                 | 7 (viii) Low Temperature Immersion Cooler/low temperature bath        | 1                      | 8.50                                   |
|                                 | 7 (ix) Horizontal Shaker with heating                                 | 1                      | 1.50                                   |
|                                 | 7 (x) Frost-free freezer (4-degree)                                   | 2                      | 1.20                                   |
|                                 | 7 (xi) Frost-free freezer (-20 degree)                                | 1                      | 1.25                                   |
|                                 | 7 (xii) Analytical Weighing Microbalance (5 digit)                    | 1                      | 1.70                                   |

|    |   |    |        |
|----|---|----|--------|
|    | 7 (xiii) UV Chamber/ UV detection system  | 1  | 0.60   |
|    | 7 (xiv) Two-stage rotary vane pump (3/4 HP)   | 1  | 2.50   |
|    | 7 (xv) Desktop Computer + multifunctional Scanner and Laser printer   | 1  | 1.50   |
|    | 7 (xi) Glass Oven   | 1  | 11.00  |
|    | 7 (xii) Solvent Extraction System   | 1  | 7.00   |
| 8  | Polarimeter   | 1  | 20.00  |
| 9  | Ultra Low Deep Freezer (-80 degrees)  | 1  | 10.00  |
| 10 | IVC System for Mice   | 2  | 18.97  |
| 11 | Class II A2 Biological Safety Cabinet   | 1  | 4.897  |
| 12 | Small equipment (Laptop, Web Camera, Speaker etc.)  |    | 35.00  |
| 13 | RT PCR  | 1  | 15.00  |
| 14 | Enhanced purity laboratory water generation and stabilization module  | 2  | 20.00  |
| 15 | Ice Machine   | 2  | 6.00   |
| 16 | 16 (i) HPC server with GPU  | 1  | 80.00  |
|    | 16 (ii) Computer Workstation  | 4  | 15.00  |
| 17 | Desktop Computer and UPS  | 24 | 23.00  |
| 18 | Dehumidifier  | 4  | 2.00   |
| 19 | Small animal X-ray irradiator   | 1  | 200.00 |
| 20 | Animal Cage changing station  | 4  | 11.97  |
| 21 | 20 KVA UPS System with battery bank   | 1  | 5.00   |
| 22 | Managed Layer 3 Switch with Accessories   | 1  | 4.50   |
| 23 | Upgradation of LBAS Attendance System with 6 Terminals and Compatible Software  | 1  | 3.50   |
| 24 | Access Points with Accessories  | 8  | 3.00   |
| 25 | Supply, Installation and Integration of Hosting & Streaming facility components for Auditorium of Jadavpur Campus, CSIR-IICB<br>25 (i) Media Processor with inbuilt Web Management Software | 1  | 4.40   |
|    | 25 (ii) Transmitter and Receiver 4K HDMI Extender Kit(Pair) for Input and   | 4  | 1.85   |

|    |   |   |       |
|----|---|---|-------|
|    | Output Devices  |   |       |
| 25 | (iii) PTZ Broadcast Streaming Camera with Accessories                             | 1 | 3.15  |
|    | 25 (iv) Confidence Display System including Stage Mountable Stand and Accessories | 1 | 0.645 |
|    | 25 (v) AV(Audio & Video) Network Managed Switch - 16 Port PoE                     | 1 | 0.35  |
|    | 25 (vi) 1X8 HDMI Splitter for Extension of Multiple Output Display Devices etc.   | 1 | 0.55  |
| 26 | Servers for Hosting Web Application / Portal                                      | 2 | 30.00 |
| 27 | Overhead High End Projector including ceiling mountable kit and accessories       | 1 | 4.00  |
| 28 | 10 KVA UPS System with battery bank   | 1 | 3.00  |
| 29 | Video Conferencing Camera   | 2 | 2.00  |
| 30 | 30 (i) 16-channel mixing console including Accessories                            |   | 0.50  |
|    | 30 (ii) Dual Channel Poweramplifier including Accessories                         |   | 0.45  |
|    | 30 (iii) Table Top Wired Microphone with Base with Accessories                    |   | 0.20  |
|    | 30 (iv) UHF Wireless Handheld Set with Accessories                                |   | 0.40  |
|    | 30 (v) UHF Lapel Microphone Set with Accessories                                  |   | 0.40  |
|    | 30 (vi) Two Way Wall Mount Speaker including Accessories                          |   | 0.25  |
|    | 30 (vii) Multi Directional USB Microphone including Two Extensions                |   | 0.80  |
| 31 | Large Format Display System / Interactive Panel System                            | 1 | 10.00 |
| 32 | Air Purifier Dehumidifier   | 4 | 2.00  |
| 33 | Digital sight series camera (CMOS C mount)  | 1 | 3.60  |
| 34 | Vacuum Pump   | 2 | 1.85  |
| 35 | Autoclave   | 6 | 1.35  |
| 36 | Vacuum Oven   | 1 | 2.04  |
| 37 | Refrigerator 400-450 Litres   | 1 | 1.45  |
| 38 | Refrigerator 1250-1500 Litres   | 1 | 1.75  |
| 39 | Magnetic hot plate stirrer  | 2 | 2.50  |
| 40 | Benchtop UV equipment   | 1 | 0.32  |
| 41 | Sonicator system  | 1 | 0.30  |
| 42 | Centrifuge  | 1 | 1.95  |
| 43 | Weighing Balance  | 1 | 1.50  |
| 44 | Hot air oven  | 1 | 2.15  |

|    |   |   |       |
|----|---|---|-------|
| 45 | Workstation with UPS  | 4 | 15.00 |
| 46 | CO2 Euthanasia System   | 2 | 1.66  |
| 47 | Washing Machine   | 1 | 0.40  |
| 48 | Potentiostat/ Galvanostat and accessories                                   | 1 | 5.00  |
| 49 | Instrument Trolley  | 1 | 0.50  |
| 50 | Water purification system   | 1 | 0.15  |
| 51 | Desktop, Printer and UPS  | 1 | 1.40  |
| 52 | Multifunction printer for printing and scanning of OMR sheet                | 1 | 1.00  |
| 53 | Identity Card printing machine  | 1 | 0.55  |
| 54 | Stainless Steel Necropsy Table  | 1 | 1.20  |
| 55 | Two sided fast scanner  | 2 | 0.60  |
| 56 | Sheet Fed & Flat Bed scanner  | 1 | 0.50  |
| 57 | Digital black and white photocopier   | 1 | 2.00  |
| 58 | Laserjet Printer  | 1 | 0.30  |
| 59 | Desktop Computer  | 1 | 0.98  |
| 60 | High-end Desktop computer   | 1 | 1.90  |
| 61 | High-end Laptop   | 1 | 1.80  |
| 62 | Multi-Function Printer  | 1 | 0.95  |
| 63 | VC Components (Ultra HD Web Camera with Microphone and Sound Bar)           | 1 | 0.30  |
| 64 | Advance Data Acquisition System for Rodents                                 | 1 | 15.05 |
| 65 | Dryer   | 1 | 0.60  |
| 66 | Biosafety Cabinet Canopy complete with base flange and outlet spool collar. | 2 | 0.55  |
| 67 | Booster exhaust system for 2 sets of the Biosafety cabinets                 | 1 | 0.42  |
| 68 | Static sterile garment cubicle  | 1 | 1.56  |
| 69 | Working Seat with Back rest Floor   | 3 | 0.31  |
| 70 | Working Stool with telescopic & revolving arrangement                       | 1 | 0.80  |
| 71 | Rotary Evaporator system assembly   | 1 | 3.19  |
| 72 | High Vacuum valve   | 1 | 2.29  |
| 73 | Manual Vacuum Control   | 1 | 0.71  |
| 74 | Chiller   | 1 | 0.77  |
| 75 | Mag Stirrer with hot plate  | 2 | 1.42  |
| 76 | Gas Oven (Small)  | 1 | 0.04  |
| 77 | Commercial Mixer Grinder (2000 watts)                                       | 1 | 0.08  |
| 78 | Trolley   | 1 | 0.05  |
| 79 | Liquid Nitrogen Container with  | 1 | 2.45  |

|     |   |   |       |
|-----|---|---|-------|
|     | Racks and Boxes   |   |       |
| 80  | Auto-Duplex Fast Scanner  | 1 | 0.355 |
| 81  | Laptop Computer   | 1 | 0.945 |
| 82  | Paper Shredder Machine  | 1 | 0.30  |
| 83  | Wall Bench (Size: L 1200 mm x W 750 mm x H 750mm)   | 2 | 0.780 |
| 84  | Revolving chair of adjustable height with wheels  | 1 | 0.621 |
| 85  | Table with Bottom Storage   | 2 | 3.100 |
| 86  | Laboratory Sitting Table  | 2 | 1.600 |
| 87  | L-Shaped Table  | 1 | 0.550 |
| 88  | Chemical Storage Cabinet (Wall Mounted)   | 3 | 4.530 |
| 89  | Island Bench  | 2 | 5.000 |
| 90  | Wall Bench  | 3 | 3.960 |
| 91  | Chemistry Workspace (fume hood with fume extraction system)   | 2 | 8.600 |
| 92  | Glass door wall fixed top half unit length 15"  | 2 | 0.320 |
| 93  | Glass door wall fixed top full unit length 15"  | 6 | 1.204 |
| 94  | Glass door wall fixed top full unit length 8"   | 4 | 0.803 |
| 95  | Glass door wall fixed top full unit length 13.6"  | 6 | 1.210 |
| 96  | Glass door wall fixed top half unit length 13.6"  | 2 | 0.320 |
| 97  | Revolving Stool with height Adjustable, with Back and High Base   | 3 | 0.180 |
| 98  | Revolving Mid Back Chair without Armrest  | 3 | 0.225 |
| 99  | Mid chair back  | 1 | 0.090 |
| 100 | General purpose chair   | 3 | 0.210 |
| 101 | High-back Revolving Chair of Adjustable height with Wheels  | 1 | 0.125 |
| 102 | L-Shaped Sitting Height Granite Top Wall Table, 800 mm height X 750 mm depth X 2480 mm length with a Corner Table | 1 | 1.034 |
| 103 | Standing Height Granite Top Island Table, 900 mm height x 3630 mm length x 1800 mm depth                          | 1 | 3.119 |
| 104 | Sitting Height Granite Top Wall Table, 800 mm height X 4680 mm length X 750 mm depth                              | 1 | 2.235 |
| 105 | L-Shaped Standing Height Granite  | 1 | 5.142 |

|     |  |    |       |
|-----|--|----|-------|
|     | Top Wall Table, 900 mm height X 9600 mm length X 750 mm depth          |    |       |
| 106 | Spot Extractor with Blower and Ducting                                 | 3  | 4.005 |
| 107 | Fixed Chair (Mid-Back)   | 18 | 1.350 |
| 108 | High Rise Chair with Backrest  | 14 | 1.400 |
| 109 | Microplate reader workstation Table (Standing)                         | 1  | 0.850 |
| 110 | Veterinary Hematology Analyser workstation Table (Standing)            | 1  | 0.805 |
| 111 | Automatic Biochemistry analyser workstation Table (Standing)           | 1  | 0.805 |
| 112 | Heavy workstation Table (Standing) two CO <sub>2</sub> incubators size | 1  | 0.850 |
| 113 | Heavy workstation Table (Standing) one CO <sub>2</sub> incubator size  | 2  | 1.617 |
| 114 | Histopathology Staining & Slide Handling workstation Table (Standing)  | 2  | 1.674 |
| 115 | Histopathology Sample Processing workstation Table (Standing)          | 2  | 1.825 |
| 116 | Microtome workstation Table (Standing)                                 | 1  | 0.808 |
| 117 | Heavy workstation Table for bench-top centrifuge (Standing)            | 2  | 1.674 |
| 118 | Imaging Analysis workstation Table (standing)                          | 2  | 1.674 |
| 119 | Workstation Table for keeping Benchtop shaking incubator               | 2  | 0.754 |
| 120 | Workstation Table for keeping Immune assay apparatus                   | 1  | 1.509 |
| 121 | Executive Office Chair (High Back)                                     | 5  | 0.600 |
| 122 | PPE Storage Cabinet (Closed Type)                                      | 1  | 1.598 |
| 123 | ISLAND Bench   | 1  | 1.810 |
| 124 | Wall Bench Size: L 3550 mm x W 750 mm x H 900 mm                       | 1  | 0.764 |
| 125 | Wall Bench Size: L 2400 mm x W 750 mm x H 750 mm                       | 1  | 0.595 |
| 126 | Wall Bench Size: L 4525 mm x W 750 mm x H 900 mm                       | 1  | 1.060 |
| 127 | Wall Mounted Storage Cabinet Size: L 750 mm x W 350 mm x H 600 mm      | 1  | 0.570 |
| 128 | ISLAND Bench Size: L 3050 mm x W 1500 mm x H 900 mm                    | 1  | 2.215 |
| 129 | Glassware Storage Cabinet Size: L                                      | 1  | 0.355 |

|     |  |    |       |
|-----|--|----|-------|
|     | 1000 x D 450 x H 1830mm  |    |       |
| 130 | Const. Bypass type Bench Fume Hood(Size: L 1500 x D 915 x H 2300 mm)   | 1  | 2.752 |
| 131 | Exhaust Fan (400 mm Dia) for 1500mm wide fume hood   | 1  | 0.828 |
| 132 | Wall Bench Size: L 775 mm x W 750 mm x H 900 mm  | 1  | 0.383 |
| 133 | Floor Standing Metal Storage Cabinet– Glass Door   | 4  | 1.400 |
| 134 | Floor Standing Metal Storage Cabinet– Metal Door   | 5  | 1.250 |
| 135 | Office/Executive Table: Office/Executive table with pedestal unit and modesty panel; MR/Marine ply top with double-side laminate             | 4  | 2.400 |
| 136 | SS Shoe Rack: SS-304 open shoe rack  | 1  | 0.556 |
| 137 | Computer table with keyboard tray, footrest; gable-type MDF understructure   | 15 | 4.500 |
| 138 | Office/Executive Table: Office/Executive table with pedestal unit and modesty panel; MDF Board   | 1  | 0.600 |
| 139 | Anti-Vibration Balance Table: Laboratory anti-vibration table compatible with analytical/micro balances, granite working surface             | 1  | 0.300 |
| 140 | Stainless Steel Sink: BIS marked SS-304 rectangular 600LX450WX300D mm single bowl single drainer   | 3  | 0.210 |
| 141 | Fume hood  | 2  | 8.600 |
| 142 | Almirah for storage  | 1  | 0.281 |
| 143 | Chairs   | 5  | 0.400 |
| 144 | Desktop  | 1  | 1.500 |
| 145 | Multi-function printer   | 1  |       |
| 146 | 1 KVA UPS  | 1  |       |
| 147 | Laboratory wall table, 1950mmLx750mmDx900mmH, granite top (18mm) with a) 3 drawers, 6 shutters (600mm L), b) 4socket with 6/16 amp switches. | 1  | 1.205 |
| 148 | Laboratory wall table, 1950mmLx750mmDx900mmH,  | 1  | 1.252 |

|     |  |   |       |
|-----|--|---|-------|
|     | granite top (18mm) with a) 6 shutters (600mm L) containing an extra shelf, b) 4socket with 6/16 amp switches. The table contains reagent rack with 2 adjustable shelves 1.8 mt L   |   |       |
| 149 | Laboratory island table, 2100mmLx1500mmDx900mmH, granite top (18mm) with a) 2 drawers, 8 shutters (600mm L), b) 2 drawers, 8 shutters (750mm L). The table contains reagent rack with 2 adjustable shelves 1.8 mt L, c) 8 socket with 6/16 amp switches. | 1 | 2.528 |
| 150 | Laboratory wall table, 1950mmLx750mmDx900mmH, granite top (18mm) with a) leg space, b) 1 drawer, 1 shutter (450mm L), b) 1 drawer, 1 shutter (600mm L). c) 4socket with 6/16 amp switches.   | 1 | 1.004 |
| 151 | Clean Cage Holding Mobile Trolley  | 3 | 1.378 |
| 152 | Microscope for Pathology and Research  | 1 | 3.150 |

| Next 3-5 Years |  |                 |                                 |
|----------------|--|-----------------|---------------------------------|
| S. No.         | Name of Equipment / Item                                   | Quantity (Nos.) | Approximate Cost (Rs. in Lakhs) |
| 1              | Orbitrap - Liquid Chromatography Mass Spectrometry (LC-MS) | 1               | 1000.00                         |
| 2              | Super Resolution microscope, STORM                         | 1               | 500.00                          |
| 3              | FACS with sorter   | 1               | 300.00                          |
| 4              | FPLC   | 1               | 50.00                           |
| 5              | uPULSE - TFF   | 1               | 35.00                           |
| 6              | Multimode microplate Reader                                | 1               | 30.00                           |

|    |                                   |   |       |
|----|-----------------------------------|---|-------|
| 7  | Multiplex Western Blotting system | 1 | 25.00 |
| 8  | Milli Q Water                     | 1 | 25.00 |
| 9  | Fluorescent Microscope            | 1 | 25.00 |
| 10 | Microtome                         | 1 | 15.00 |
| 11 | Shaker Incubator                  | 1 | 12.00 |
| 12 | Refrigerated Centrifuge           | 1 | 8.00  |
| 13 | Desktop for R&D                   |   | 50.00 |

**Table 2: Equipment for procurement during the FY 2025-26 and Next 3-5 years under CSIR-Funded Projects (CSIR Project Mode):**

| Financial Year 2025-2026 |  |                 |                                 |                     |
|--------------------------|--|-----------------|---------------------------------|---------------------|
| S. No.                   | Name of Equipment / Item                     | Quantity (Nos.) | Approximate Cost (Rs. in Lakhs) | Project Number/Code |
| 1.                       | Temperature-controlled shaker incubator      | 1               | 5.00                            | NWP                 |
| 2.                       | Rocker                                       | 1               | 0.50                            | NWP                 |
| 3.                       | Sterile laminar flow                         | 1               | 2.00                            | NWP                 |
| 4.                       | -20 degree refrigerator                      | 1               | 1.00                            | NWP                 |
| 5.                       | 4 degree refrigerator                        | 1               | 0.50                            | NWP                 |
| 6.                       | Weighing machine                             | 1               | 3.00                            | NWP                 |
| 7.                       | pH meter                                     | 1               | 1.00                            | NWP                 |
| 8.                       | Magnetic Stirrer                             | 1               | 0.50                            | NWP                 |
| 9.                       | Autoclave                                    | 1               | 0.50                            | NWP                 |
| 10.                      | Gel electrophoresis apparatus and power pack | 1               | 2.00                            | NWP                 |
| 11.                      | PCR machine                                  | 1               | 3.00                            | NWP                 |
| 12.                      | Microwave                                    | 1               | 0.20                            | NWP                 |
| 13.                      | Vacuum pump                                  | 1               | 0.50                            | NWP                 |
| 14.                      | Large-volume floor model Centrifuge          | 1               | 25.00                           |                     |
| 15.                      | Xerox machine                                | 1               | 1.00                            | HCP0101             |
| 16.                      | Benchtop Refrigerated Centrifuge             | 2               | 20.00                           | FCP512406           |
| 17.                      | LC-MS/MS Triple Quadrupole                   | 1               | 235.00                          | FCP512406           |

|     |   |   |        |            |
|-----|---|---|--------|------------|
|     | Mass spectroscope   |   |        |            |
| 18. | HPC Cluster of 3 GPUs and 2 CPUs node with Rack and 10 KVA online UPS                         | 1 | 45.00  | FCP512406  |
| 19. | CO2 Incubator   | 1 | 16.00  | FCP512406  |
| 20. | DEEP FREEZER (-80'C )   | 1 | 7.00   | FCP512406  |
| 21. | Open Field Test (944000)<br>Mouse Novel Object<br>Recognition (908600)<br>Water Maze (944000) | 1 | 28.00  | FCP512406  |
| 22. | INVERTED PHASE<br>CONTRAST MICROSCOPE<br>AND IMAGE ANALYSIS<br>SOFTWARE                       | 1 | 9.00   | FCP512406  |
| 23. | UPRIGHT PHASE CONTRAST<br>MICROSCOPE AND IMAGE<br>ANALYSIS SOFTWARE                           | 1 | 11.00  | FCP512406  |
| 24. | Data center to enable GLP   | 1 | 10.00  | FCP512406  |
| 25. | Multimode microplate reader   | 1 | 5.00   | FCP512406  |
| 26. | Spectral Cell Sorter  | 1 | 400.00 | MMP 075204 |
| 27. | Incubator Shaker with CO <sub>2</sub><br>Control  | 1 | 27.30  | MMP 075204 |
| 28. | Preclinical Invasive Pulmonary<br>Function Assessment Machine                                 | 1 | 42.00  | MMP 075204 |
| 29. | In Vivo Imaging System  | 1 | 138.00 | MMP 075204 |
| 30. | Mid-end computation servers   | 3 | 10.00  | MMP075203  |
| 31. | Mid-end computation servers   | 2 | 4.431  | MMP015203  |
| 32. | GPU server + CPU server   | 2 | 45.000 | MMP 075203 |
| 33. | Storage System  | 1 | 5.000  | MMP 075203 |
| 34. | Compute Server  | 1 | 10.000 | MMP 075203 |
| 35. | GPU Server  | 1 | 21.584 | MMP 015203 |
| 36. | Compute Server  | 1 | 5.000  | MMP 015203 |
| 37. | Vacuum Pump   | 1 | 0.202  | HCP 002502 |
| 38. | Temperature controlled shaker<br>incubator  | 1 | 3.500  | HCP 002502 |
| 39. | Custom- made temperature and<br>light regulated plant tissue<br>culture cabinet               | 1 | 1.888  | HCP 002502 |
| 40. | Gel electrophoresis apparatus<br>with power pack  | 1 | 0.995  | HCP 002502 |
| 41. | 4 Degree refrigerator   | 1 | 0.415  | HCP 002502 |
| 42. | Rotary mixer  | 1 | 0.340  | HCP 002502 |
| 43. | Polymerase chain reaction<br>machine  | 1 | 3.499  | HCP 47     |

| Next 3-5 Years |                          |                 |                                 |                     |
|----------------|--------------------------|-----------------|---------------------------------|---------------------|
| S. No.         | Name of Equipment / Item | Quantity (Nos.) | Approximate Cost (Rs. in Lakhs) | Project Number/Code |
|                | None                     | N/A             | N/A                             | N/A                 |
|                |                          |                 |                                 |                     |

**Table 3: Equipment for procurement during the FY 2025-26 and Next 3-5 years under Externally Funded Projects (EFP):**

| Externally Funded Projects (EPF) |   |                 |                                 |                |
|----------------------------------|---|-----------------|---------------------------------|----------------|
| S. No.                           | Name of Equipment / Item  | Quantity (Nos.) | Approximate Cost (Rs. in Lakhs) | Project Number |
| 1                                | Live-cell imager and analyser   | 1               | 236.94                          | GAP 490        |
| 2                                | Ultra performance liquid chromatography-photo diode array single quadrupole mass spectrometer | 1               | 125.10                          | GAP 490        |
| 3                                | High throughput recycling preparative HPLC  | 1               | 49.99                           | GAP 490        |
| 4                                | Ultracentrifuge   | 1               | 40.00                           | GAP477         |
| 5                                | Multimode microplate reader including fluorescence, luminescence attachments                  | 1               | 28.91                           | GAP 490        |
| 6                                | Gel documentation and Imaging system  | 1               | 20.00                           | GAP 487        |
| 7                                | Benchtop refrigerated centrifuge  | 1               | 3.00                            | GAP464         |
| 8                                | Liquid Nitrogen Tank  | 1               | 3.00                            | GAP 487        |
| 9                                | Magnetic cell sorting equipment   | 1               | 2.00                            | GAP 487        |
| 10                               | Low Volume Spectrophotometer  | 1               | 9.00                            | GAP 467        |
| 11                               | Biosafety cabinet   | 1               | 6.50                            | GAP 493        |
| 12                               | Upright Frost-Free – 20 °C Deep Freezer   | 1               | 0.80                            | GAP 493        |
| 13                               | Analytical Weighing Balance   | 1               | 1.20                            | GAP 493        |

|    |  |   |        |         |
|----|--|---|--------|---------|
| 14 | Fluorescent, chemiluminescent and colorimetric based imaging system  | 1 | 25.00  | GAP 499 |
| 15 | Sonicator probes (1/2" and 3/4") with booster horn and replacement ribs  | 1 | 4.00   | GAP 499 |
| 16 | Network Attached Storage of 128TB:2U 12Bay with 800W RPS, 1*16 core processor, 128GB RAM, 18TB * 10Nos SAS Enterprise HDD (Usable 130TB on Raid 6) | 1 | 6.126  | GAP 472 |
| 17 | Micro volume spectrophotometer with a capacity of studying multiple samples simultaneously   | 1 | 6.999  | GAP 475 |
| 18 | Room temperature centrifuge:   | 1 | 3.988  | GAP 494 |
| 19 | 4 C refrigerator with internal plug point  | 1 | 0.997  | GAP 494 |
| 20 | UV/visible 96 well plate reader  | 1 | 7.988  | GAP 494 |
| 21 | Inverted fluorescence microscope with camera   | 1 | 9.995  | GAP 494 |
| 22 | Ultra Low temperature deep freezer (-86 degree Celsius)  | 1 | 9.495  | GAP 497 |
| 23 | Workstation  | 1 | 4.504  | GAP 497 |
| 24 | Real Time PCR System   | 1 | 14.750 | GAP 491 |
| 25 | CO2 Incubator  | 1 | 4.991  | GAP 491 |
| 26 | Incubator Shaker   | 1 | 12.98  | GAP 490 |
| 27 | Genome Station   | 1 | 10.486 | GAP 502 |
| 28 | Bench top single cell analysis system  | 1 | 35.132 | GAP 483 |
| 29 | Refrigerated large volume floor standing incubator shaker  | 1 | 15.00  | GAP 468 |

**Note:**

- The above procurement plan is dynamic and could be revised as often as may be necessary with the approval of competent authority.
- The procurement is subject to the funds availability/release of sufficient grant from CSIR / or funding agency.
- The costs indicated as above are approximate/estimate cost only.

**[CSIR-INDIAN INSTITUTE OF CHEMICAL BIOLOGY]**

**Procurement Plan**

**[Financial Year 2025-26]**

**[B] Consumables:**

The following categories of consumables are likely to be procured during the FY 2025-26.

**Table 3:** Consumables likely to be procured during **Financial Year 2025-26** (Annual):

| <b>S. No.</b> | <b>Category</b>   | <b>Expected Procurement Value (Rs. In Lakhs)</b> |
|---------------|---|--|
| 1             | Chemicals (ex.- Solvents, Biochemical/s, Biochemical kits & enzymes, Diagnostic kits, Sequencing, Oligonucleotides, Antibodies, catalysts-Pd, ligands, Directing groups, additives, amines, alcohols, acids, halides, nitriles, aldehydes, ketones, esters, amino acids, peptides, aromatic compounds, common salts, oxidizing agents, reducing agents, common dry solvents etc)              | 1464.00  |
| 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, Jmjd3flox mice, B6(Cg)-Pigrtm1.1Srmr/J mice etc.) | 250.00   |
| 3             | Glass wares (ex- glass bottles, conical flasks, glass plates, thin plates, test tubes, funnel, beakers, glass bottles, culture tubes, petri plates etc Measuring Cylinders, Beakers, Conical Flask, Glass Bottles etc.)   | 100.00   |
| 4             | Plastic wares (ex- Plate, Dish, peptide, Micro tips, Reagent reservoir, Gloves, Beaker, Tubes, PCR Tubes, Falcons, Pipette Tips, Holders, Plastic trays, T25 and T75 culture flasks, 35 mm, 60 mm culture dishes, Chamber slides, 5ml, 10ml, 25 ml pipets, Pipet tips 10 $\mu$ l, 200 $\mu$ l, 1000 $\mu$ l without or with filters,  | 80.00  |

|    |  |        |
|----|--|--------|
|    | companion plates, Inserts with 1 µm pores, Combs for scratch, Filters, syringes, Vacuum tubes, 15 ml and 50 ml sterile conical tubes etc.)   |        |
| 5  | Cartridges, Batteries (Cartridges of different types of printers eg 12a, 78A, 88A etc)   | 8.50   |
| 6  | Gases (ex- Nitrogen, Helium, Oxygen etc)   | 70.00  |
| 8  | Maintenance/AMC/repairing of existing equipment  | 250.00 |
| 9  | Stationary items (Printer Papers, Adhesive tapes, Scissors, Pen, Markers, Parafilm, staplers etc)  | 27.50  |
| 10 | IT / software-related Items (Shrodinger software suite, FlowJo Academic Portal, Biorender, SPSS, Adobe Photoshop, Graphpad Prism, Anti-Virus S/w liscence, OS liscence, EndNote, MATLAB by Math Works, Adobe Acrobat, Discovery Studio – selected modules, KEGG, Single-user liscence, Dropbox, ChemDraw Professional/ Chem, Office Suite Software, Media Converters, Media Switches, HDMI Splitters, Wi-Fi Adapters, Network Switches, Removable USB Storage, UTP Cat6 Cable, RJ 45 Connectors, HDD, SMPS, RAM, SSD, Graphics Card, External/ Internal Hard Disk, Processor, Motherboard, Air Cooler, Pendrive, Mouse, Keyoard, Cables, Adapters, Docking Stations, HDMI/ Display Port Cables and Adapters, KVM Switch, Network Cables, UPS Batteries, G-Suite for Education for the domain csiriicb.res.in and DNS Services subscription etc.) | 330.00 |
| 11 | Furniture (Name the items required during year)  |        |
| 13 | Electric Items (Tube lights, UV lights)  | 10.00  |

**Note:**

- The above procurement plan is dynamic and could be revised as often as may be necessary with the approval of competent authority.
- The procurement of the chemicals & consumables would be based on the need and time to time requirement of the R&D activities of CSIR-IICB
- The procurement is subject to the funds availability/release of sufficient grant from CSIR / or funding agency.
- The indicated procurement value is an estimate only.

This is issued with the approval of the competent authority.