

**[CSIR-IHBT]**  
**TENTATIVE PROCUREMENT PLAN\***

(\*Please read the note given at the end)

|              |   |
|--------------|---|
| <b>A</b>     | <b>FOR THE FINANCIAL YEAR 2026-27</b>     |
| <b>A (a)</b> | <b>EQUIPMENT</b>                          |
| <b>(i)</b>   | <b>Equipment: Out of CSIR Infra Grant</b> |

| S.No   | Name Category of Equipment                                | Quantity (Nos.) |
|--|---|-----------------|
| <b>Annexure-I</b>                                      |   |                 |
| <b>Tentative Equipment Procurement Plan FY 2026-27</b> |   |                 |
| 1.   | 10X8 feet Projector Screen                                | 2               |
| 2.   | 12X10 feet Projector Screen                               | 1               |
| 3.   | A High-End GPU Server                                     | 1               |
| 4.   | Air Classifier Mill                                       | 1               |
| 5.   | Air Conditioner (AC) (1.5 & 2.0 ton)                      | 1               |
| 6.   | Air quality monitoring system                             | 1               |
| 7.   | All-In-One Computers                                      | 22              |
| 8.   | Animal Behaviour Monitoring, Tracking and Analysis System | 1               |
| 9.   | Automated CLIA (Chemiluminescence) Analyzer               | 1               |

| S.No | Name Category of Equipment  | Quantity (Nos.) |
|------|---|-----------------|
| 10.  | Baby Boiler (Non IBR)   | 1               |
| 11.  | Basket-type centrifuge , 24" All stainless steel with accessories                   | 1               |
| 12.  | Centrifuge  | 1               |
| 13.  | Circular Dichroism (CD) spectrometer  | 1               |
| 14.  | Clinical chemistry analyser   | 1               |
| 15.  | Columns stainless steel with automatic flow rate controller                         | 1               |
| 16.  | Combo wireless hand and pin microphones   | 4               |
| 17.  | Complete beverage/liquid processing line  | 1               |
| 18.  | Cryo grinder for herbs with accessories   | 1               |
| 19.  | Dewatering machine  | 1               |
| 20.  | EPABX Extension for Chandpur  | 1               |
| 21.  | Fibroscan (Transient Elastography) Equipment  | 1               |
| 22.  | Fume Hood with supporting accessories   | 1               |
| 23.  | Hielscher Flow cell for the existing Ultrasonicator along with pump all accessories | 1               |
| 24.  | High End Rack Server  | 2               |
| 25.  | High End Workstation With GPU   | 1               |

| S.No | Name Category of Equipment   | Quantity (Nos.) |
|------|--|-----------------|
| 26.  | Hot plate with shaker  | 1               |
| 27.  | Inverted Fluorescent Microscope  | 1               |
| 28.  | Laptop   | 3               |
| 29.  | Large scale (5 L) Rotary evaporator with supporting accessories          | 1               |
| 30.  | Leaf area measuring equipment  | 1               |
| 31.  | LED Screen in J.C. Bose Conference Hall Approx. 12 feet (W) X 8 feet (H) | 1               |
| 32.  | Mini Disk Infiltrometer  | 1               |
| 33.  | Muffle furnace   | 1               |
| 34.  | Multispectral Sensor for drone   | 1               |
| 35.  | Nanodrop/ Micro volume spectrophotometer                                 | 1               |
| 36.  | NDVI imager and analyser   | 1               |
| 37.  | Nutrient Calcium (Ca) Meter  | 1               |
| 38.  | Nutrient Nitrate Meter   | 1               |
| 39.  | Nutrient Potassium (K) Meter   | 1               |
| 40.  | Nutrient Sodium (Na) Meter   | 1               |
| 41.  | Photosynthetic Gas Analyser  | 1               |

| S.No | Name Category of Equipment  | Quantity (Nos.) |
|------|---|-----------------|
| 42.  | Powered wireless speaker with battery backup and accessories                                  | 1               |
| 43.  | Procurement of Switches   | 20              |
| 44.  | Projector   | 1               |
| 45.  | Real Time PCR   | 1               |
| 46.  | Refrigerated Circulating Water bath   | 1               |
| 47.  | Refrigerated Vacuum Concentrator  | 1               |
| 48.  | Rotary evaporator (20 L and above)  | 1               |
| 49.  | Rotavapor with vacuum pump  | 1               |
| 50.  | Scientific Thermo-hygrometer  | 1               |
| 51.  | Seed Coating Machine  | 1               |
| 52.  | Semi-Pilot scale Microwave assisted extraction unit, 5-15 liter capacity                      | 1               |
| 53.  | Shaking water bath  | 1               |
| 54.  | Tissue culture Growth Chamber   | 1               |
| 55.  | Twelve (12) - Channel ECG Equipment   | 1               |
| 56.  | Upgradation of existing Fortinet Wireless Controller 300E along with its hardware upgradation | 1               |
| 57.  | UPLC-ELSD System  | 1               |
| 58.  | UPS (20KV)  | 1               |

| S.No | Name Category of Equipment   | Quantity (Nos.) |
|------|--|-----------------|
| 59.  | UPS 50 KVA   | 1               |
| 60.  | Vacuum Muffle furnace  | 1               |
| 61.  | Vacuum pump with desiccator  | 1               |
| 62.  | Vertical Autoclave   | 1               |
| 63.  | Vertical gel electrophoresis apparatus for separation of proteins with all accessories | 1               |
| 64.  | Video Conferencing System for Auditorium   | 1               |
| 65.  | Water Bath (Cooling & Heating)   | 1               |
| 66.  | Wireless Gooseneck Microphone  | 1               |
| 67.  | Wireless Presentation System   | 1               |
| 68.  | Workstation  | 1               |

**Annexure-II**

**Tentative Equipment Procurement Plan FY 2026-27**  
**(Office Equipment)**

|     |                            |   |
|-----|----------------------------|---|
| 69. | Colour Printer             | 1 |
| 70. | Colour Photocopier Machine | 1 |
| 71. | Shredding Machine          | 1 |
| 72. | Air conditioners           | 4 |
| 73. | Refrigerator               | 1 |
| 74. | Microwave oven             | 1 |

| S.No | Name Category of Equipment | Quantity (Nos.) |
|------|----------------------------|-----------------|
| 75.  | Shredding Machine          | 1               |

**Annexure-III**

**Tentative Equipment Procurement Plan FY 2026-27  
(Software)**

|     |  |   |
|-----|--|---|
| 76. | Materials Studio software                      | 1 |
| 77. | Upgradation of existing ArcGIS software        | 1 |
| 78. | Upgradation of existing Erdas Imagine software | 1 |

**Annexure-IV**

**Tentative Equipment Procurement Plan FY 2026-27  
(CSPS-2024 Prioritised Equipment Fund)**

|     |   |   |
|-----|---|---|
| 79. | High-Resolution Accurate Mass Spectrometer (HR`AMS) for proteomics and lipidomics studies | 1 |
| 80. | UPLC-MS/MS  | 1 |

**Note:**

- The above tentative procurement plan is dynamic and could be revised as often as may be necessary with the approval of the Competent Authority.
- The procurement is subject to the fund's availability/release of sufficient grant from CSIR.
- The indicated procurement value is an estimate only.

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