

Tender Ref. No: GNIT-IDEA LAB/Admin/Tender/2025-26/01

Date: 20.08.2025

Tender Notice

Sealed/Online tenders are invited from reputed and experienced suppliers, manufacturers, or authorized distributors for the **supply, installation, and commissioning of equipment, tools, and machines** for setting up an **AICTE IDEA Lab** at our institute. The laboratory is to be developed as per the AICTE guidelines for promoting innovation, design thinking, and prototyping skills among students and faculty. The detailed specifications of the required items are enclosed with this document.

SL No	Equipments	Preferred brands if any	Specifications	Qty
1	Single Nozzle 3D printer	Branded Company Product with at least three years product warranty	Printing Technology: Fused Filament Fabrication (FFF) or Fused Deposition Modeling (FDM). Printable Area: The minimum printable area should be at least 310 x 310 x 310 mm or above Printer Design: Core XY or Cartesian. Temperature Range: Hot end: Up to 300°C or above Heat bed: Up to 120°C. or above. Nozzle: Compatible with All polymers, 0.4, 0.6 and 0.8mm Steel Sheet: Provided with satin or smooth PEI surface. Filament Diameter: 1.75mm (supports PLA, PETG, ASA, ABS, etc.). Extruder: Gearbox with 1/10 ratio, Speed : 550 MM/Sec or above Stepper Drivers for smooth motion. or equivalent Stepper Motors: Choose between 1.8° or precise 0.9° X, Y stepper motors. LCD Screen: 3.5" graphic 65k color screen or larger. Connectivity: USB drive, LAN, or internet. Supported Materials: PLA, PETG, ASA, ABS, PP, PC, flexible filaments, and more. Wi-Fi Module: Built-in (network connectivity not required for setup or operation). Compatibility: Windows, macOS, Linux. Printer Dimensions: The maximum physical dimensions of the system 700 X 700 X 700 or above. Fully enclosed Machine.	1
2	SLA450 3D Printer (For Shoe Manufacturin g)			1

3	PCB Milling Machine	Branded Company Product with at least three years product warranty	Cuttable Materials: Modeling Wax, Chemical Wood, Foam, Acrylic, Poly Acetate, ABS, PCB, Copper glad, etc Table Size: 225 (X) × 150 (Y) mm or more Drive System: Stepping Motor (X, Y, Z Axis) Operating Speed: 800 mm/min Software Resolution: 0.01 mm/step Position accuracy : 0.01 to 0.02 mm Max Travel Speed (mm/sec)-58 (2.28 “) Drilling (mm)-0.2 -3.175 (8-125 mil) Maximum Drilling Cycles/ Min-50 Spindle Motor: DC Motor Type 380 or More Spindle Speed: Adjustable 20,000 and above rpm or more Tool Chuck Type: Collet Interface: USB or cable Control Commands: RML-1, NC code Power Supply: DC 24V, 2.5A (via AC 100– 240V, 50/60Hz adapter) Power Consumption: Approx. 50 W or more	1
4	CO ₂ Laser Cutting Machine	Branded Company Product with at least three years product warranty	Working Area: Min 600 x 900 mm or above Laser Type: CO ₂ DC Glass Laser Tube/RF Metal Laser Tube Laser Power: 80/100W Wave Length: Upto 10.6 Micrometer Cutting Speed: 30000 mm/min or more Engraving Speed: 64000 mm/min or more XY Axis: LM Guide Rail or equivalent Cooling: Air/ Water Cooling Supply Voltage: 230V/415 V Accessories: CO ₂ Focus Lens: 1 No. Mirror 25mm: 3 Nos. Acetone: 1 litre Acrylic sheet: 2 Nos	1
5	Vinyl Printer	Branded Company Product with at least Two years Warranty	Dimensions: 50 cm x 15 cm x 15 cm or above Weight: 15.4 lbs or less Max cut size using machine mat: 11.5 inch x 23.5 inch or more Cut speed: up to 14.1 ips	1

6	3D Scanner	Branded Company Product with at least three years product warranty	Technology: Stereo camera structured light with focusable cameras or equivalent CPU: Quad-core 64-bit SoC, 1.5GHz with integrated GPU RAM: 4 GB Projector: DLP MEMS mirror or equivalent Camera Sensor: Sony 13 MP or better Scan Speed: 4 seconds or more Working Distance: Effective Working Distance: 160mm-1400mm Scan Speed: 980,000points/s, up to 14FPS Align Modes: Feature Alignment, Hybrid Alignment, Texture Alignment, Global Markers ,Safety: Eye-safe Texture Scan: Yes Interface: USB2.0 or above Outdoor Scanning: Yes Output Formats: OBJ; STL; PLY; P3; 3MF Scanning Environment: Indoor and outdoor (shaded) Texture / Color Scanning: Yes Minimum Capturable Feature Size: 0.2 mm or less Scanner Weight: 500 grams or less Scanner Dimensions: upto 240 × 60 × 60 mm Compatible OS: Any OS supporting a modern web browser	1
7	Lathe Machine cum milling	Branded Company Product with at least three years product warranty	Centre Width: Up to 400 mm or better Height of Centers: Up to 88 mm Maximum Workpiece Diameter: Up to 100 mm Machine Base: Cross-ribbed surface, high- quality cast iron with ground prismatic guide, capable of fitting milling/drilling attachment Spindle: Supported with adjustable taper roller bearings Spindle Receiver: MK3 or compatible Spindle Drill Hole: Up to 22 mm or better Spindle Concentricity: Up to 5 microns or better Chuck: 3-jaw chuck as per DIN 6386, centrally clamped, 100 mm diameter or better Run Out (without Chuck): Up to 10 microns Sleeve Receiver: MK2, retractable sleeve with scale Spindle Speed Range: Between 50 to 2500 rpm Speed Stages: 6-8 Motor Rating: 550W or better, induction motor, single phase 230V Traverse Cross: Up to 70 mm or better Traverse Longitudinal: Up to 300 mm or better Weight (Complete): Up to 55 kg or more Additional Accessories: Splash guard and chip collecting tray: 1 No. Cutter set with tungsten inserts: 2 Nos. Milling Attachment: 1nos Tungsten disposable tips ten-piece set: 1 No. Sample workpieces (Nylon Rod, Aluminium Rod)	1

			Desktop: 1 No.	
8	CNC Router	Branded Company Product with at least three years product warranty	Working Area: Min 1300 x 2500 mm Z Axis Working Area: 200 or above Resolution: $\pm 0.03/300$ mm or more CNC Spindle: 3KW or more Lathe Structure : Welding Steel Structure or equivalent XYZ Structure: Rack Pinion , Ball Screw Linear Rails Max Spindle Speed : Min 18000RPM Table: T-Slot/Vacuum Bed/Water Bed Repeatability: ± 0.03 Working Mode: Stepper Motor/Servo Motor Dust Collector : To be included by Vendor Voltage: AC 220V/415V, 50/60 Hz, 3 Phase	1
9	Belt and Disc Sanding Machine	Branded Company Product with at least three years product warranty	Motor: 230V 50Hz Power: 380W S2 30min No-load Speed: 1450rpm or more Belt Size: 100x914mm or less Disc Size: 150mm or better Table Titing Range: 0°-45° Belt Titing Range: 0°-90° Table Size: upto 190x125mm	1
10	Wood Turning Lathe	Branded Company Product with at least three years product warranty	Motor: 230V~50Hz, 550W, S2:15min or above Max. Disc Diameter: min 75 mm Max. Cutting Length: 450 mm or more Spindle Speed: 5 speeds such as 1600 / 2600 / 3200 RPM etc Material: Cast Iron Bed Height: 0.2 m Cable Length: 0.850 m	1
11	Bench Top Drill Machine	Branded Company Product with at least Three to Five years Warranty	Continuous rating input: Max. 250 W Capacity: Steel: Min 13 mm (1/2") Wood: Min 24 mm (15/16") No Load Speed (RPM): 570, 890, 1,300, 1,900, 2,670(50 Hz), 690, 1,070, 1,560, 2,280, 3,200(60 Hz) Net weight: Max. 20 kg (44.1 lbs.) Power supply cord: 1.75 m (5.7 ft) Additional Accessories: Bench Vise: 1 No., Drill Bit Set 10 Pcs: 1 No	1
12	Computerized Sewing Machine	Branded Company Product with at least three years product warranty	Motor: 120 W Max Sewing Speed: 860 SPM Power: 220 - 240 V Automation Grade: Automatic Max Stitch Length: 4mm Thread Type: Computerized Weight:7.6 kg Number of Stitches:120 Size/Dimension: 50.8 cm x 29.464 cm x 40.64 cm Maximum Stitch Width: 7 mm Number of Buttonhole Styles:7 LCD Screen Display: Yes Bed Type Free Arm/Flatbed convertible Bobbin Type Drop & Sew Bobbin System	1

13	MSO 100 MHz	Branded Company Product with at least three years product warranty	Bandwidth: Up to 100 MHz Analog Channels: 4 or more Real-Time Sampling Rate: Maximum 1 GSa/s per channel Memory Depth: 10 Mpts per channel Waveform Update Rate: Approximately 120,000 wfms/s Vertical Resolution: 8 bits Vertical Scale: Ranging from 1 mV/div to 10 V/div Horizontal Scale: Spanning 1 ns/div to 100 s/div Spectrum Analyzer Frequency Range: DC to 500 MHz FFT Points: Up to 1M points for enhanced frequency domain resolution Waveform Math Functions: Includes addition, subtraction, multiplication, division, minimum, maximum, root, square, absolute, inverse, derivative, integral, and low-pass filter Trigger Types: Edge, Pulse Width, Video, Pulse Runt, Rise & Fall (slope), Alternate, Timeout, Event-Delay, Time-Delay, and Bus Arbitrary Waveform Generator (AWG): Dual- channel, 25 MHz, supporting various waveforms such as sine, square, pulse, ramp, DC, noise, sinc, Gaussian, Lorentz, exponential rise/fall, haversine, and cardiac AWG Sample Rate: 200 MSa/s AWG Vertical Resolution: 14 bits Display: 8-inch WVGA TFT LCD (800 × 480 pixels) Data Logging Capability: Up to 1000 hours Segmented Memory: Supports up to 29,000 segments for efficient waveform storage and retrieval Connectivity: USB 2.0 (host and device), Ethernet (RJ45), and Go-NoGo BNC Dimensions (W × H × D): 380× 200× 125 mm or above Weight: 2 Kgs or above Safety Compliance: Conforms to IEC 61010-1 and IEC 61010-2-030 standards, suitable for CAT III 600V and CAT II 1000V environments with Pollution Degree 2 classification	1
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14	Digital Storage oscilloscope	Branded Company Product with at least three years product warranty	Number of Channels: Up to 2 independent analog inputs Memory Record Length: Up to 10 Mpts for extended waveform capture Bandwidth Limiting: Selectable 20 MHz bandwidth filter Sampling Rate: Maximum of 1 GSa/s real-time equivalent per channel Rise Time: ≤ 3.5 ns depending on probe and settings Display: 7" TFT color LCD with 800×480 resolution Time Base Range: From 5 ns/div to 100 s/div, user-adjustable Vertical Resolution: 8-bit digital resolution Trigger Modes: Automatic, Normal, and Signal-dependent triggering Maximum Input Voltage: 300 Vrms (within safety limits) Input Sensitivity: Within the range of 1 mV/div to 10 V/div Input Coupling Options: Selectable among AC, DC, and Ground Trigger Coupling Modes: Configurable as AC, DC, High-pass, or Low-pass Physical Dimensions: Approximately 350 × 200 × 120 mm or above Unit Weight: 2.5 kg or above Input Impedance: Nominal 1 MΩ // 16 pF Measurement Capabilities: Equipped for automatic parameter extraction, background noise filtering, and AUTOSET configuration for display scaling (time base/gain) Protocol Decoding Support: Capable of analyzing I2C, SPI, UART, CAN, and LIN communication protocols Standard Accessories: Includes mains power cable, user manual (digital format), and one GTL-16E probe per input channel	1
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15	Power supply	Branded Company Product with at least three years product warranty	Output Configuration: 4-channel design with independent electrical isolation across all outputs Channel Output Ranges: • CH1 & CH2: Adjustable output voltage from 0 to 32V with a current delivery capacity up to 3A • CH3: Variable range 0 to 5V supporting up to 1A • CH4: Output adjustable from 0 to 15V with a load current of up to 1A Constant Voltage Operating Mode Line Regulation: $\leq 0.01\% + 3 \text{ mV}$ (approximate value within rated voltage range) Load Regulation: $\leq 0.01\% + 3 \text{ mV}$ (across rated load variation) Ripple & Noise: $\leq 1 \text{ mVrms}$ across full bandwidth Constant Current Operating Mode Line Regulation: $\leq 0.2\% + 3 \text{ mA}$ Load Regulation: $\leq 0.2\% + 3 \text{ mA}$ Ripple Current: $\leq 3 \text{ mArms}$ (typical) Safety & Operational Features Output Control: Independent output ON/OFF switching functionality is required Voltage Resolution: Approximately 100 mV (*1) Current Resolution: Approximately 10 mA (*1) Display Parameters Display Units: Four separate displays required for individual channel status visualization Display Type: 4.3-inch LCD (color or monochrome as applicable) Functional Features Tracking Operation: Supported (required for synchronizing output behavior) Auto Series/Parallel: Supported (automatic internal reconfiguration required) Power Requirements Supply Input: 230V AC $\pm 10\%$, 50 Hz Mechanical Specifications Maximum Dimensions (W $\times$ H $\times$ D): Within 200 mm $\times$ 100 mm $\times$ 200 mm Maximum Weight: 10 kg or less	3
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16	Function Generator	Branded Company Product with at least three years product warranty	Output Function: The equipment shall provide output waveforms including sine, square, triangle, and TTL signals as required. Frequency Range: For sine and square waveforms: approximately 0.1 Hz up to 3 MHz. For triangle waveform: approximately 0.1 Hz up to 1 MHz. Frequency Resolution: Frequency resolution shall be maintained within a maximum of 0.1 Hz. Frequency Stability: The frequency stability shall be within ± 20 ppm (parts per million). Frequency Accuracy: The frequency accuracy shall be maintained within ± 20 ppm. Frequency Aging: Frequency aging shall not exceed ± 5 ppm per annum. Amplitude Range: Output amplitude shall be up to 10 V peak-to-peak (V_{p-p}) into a 50 Ω load. Amplitude Accuracy: Amplitude accuracy shall be within $\pm 20\%$ at maximum amplitude setting. Output Impedance: Nominal output impedance shall be 50 Ω with a tolerance of $\pm 10\%$. Attenuator: A single-step attenuator of -40 dB ± 1 dB shall be provided. Display: A 6-digit LED display shall be incorporated for parameter indication. Output Control: Output shall be controlled via an ON/OFF selector switch. Power Source: The device shall operate on an AC supply of 240 V, 220 V, or 110 V $\pm 10\%$, with frequency 50/60 Hz. Ambient Operating Temperature: Normal operation shall be ensured within the ambient temperature range of 0 °C to 40 °C. Dimensions: Maximum dimensions shall not exceed 255 mm (W) $\times$ 95 mm (H) $\times$ 295 mm (D). Weight: Maximum device weight shall be within 2.5 kg.	2
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17	Bench Top Multimeter	Branded Company Product with at least three years product warranty years product warranty	DC Voltage: Range: 500 mV to 1000 V across 5 ranges. Accuracy: $\pm(0.03\% \text{ rdg} + 4 \text{ digits})$. Input impedance: 10 MΩ. AC Voltage (True RMS): Range: 500 mV to 1000 V across 5 ranges. Accuracy: $\pm(0.5\% - 5\% \text{ rdg} + \text{digits})$ depending on frequency and range. Input impedance: 10 MΩ. DC Current: Range: 500 μA to 20 A across 6 ranges. Accuracy: $\pm(0.02\% - 0.3\% \text{ rdg} + 2 \text{ digits})$ depending on range. AC Current (True RMS): Range: 500 μA to 20 A across 6 ranges. Accuracy: $\pm(0.5\% - 1\% \text{ rdg} + \text{digits})$ depending on frequency. Resistance: Range: 500 Ω to 20 MΩ across 6 ranges. Accuracy: $\pm(0.1\% - 0.3\% \text{ rdg} + \text{digits})$ depending on range. Diode Test: Max forward voltage 1.5 V, open voltage 2.8 V. Capacitance: Range: 5 nF to 50 μF. Accuracy: $\pm(2\% \text{ rdg} + 4 \text{ digits})$. Frequency: Input level varies by range; functions include Auto/Manual Range, Max, Min, dBm, Rel, Hold. Continuity Beep: Threshold $<5 \Omega$. Display: Dual 7-segment LED, 0.4" and 0.5". Power Source: AC 100/120/230 V $\pm 10\%$, 50/60 Hz. Dimensions & Weight: Approximately 251 $\times$ 91 $\times$ 291 mm; 2.6 kg. displays. Basic Accuracy: Within $\pm 0.2\%$ under standard conditions. Test Frequencies: Six or eight selectable frequencies depending on model variant. Measurement Combinations: Up to 15 different measurement combinations available. Test Level: Selectable AC test levels approximately 0.3 V, 0.7 V, and 1 V rms; DC test level selectable at $\pm 1 \text{ V}$. Measurement Speed: Selectable measurement speeds of approximately 10 measurements per second (fast) and 2.5 measurements per second (slow). Auto LCR Mode: Automatic identification and measurement of component types within supported ranges. Data Hold: Feature available to hold measured data on display. Interface: USB virtual COM port provided for remote communication capabilities. Software: Datalogging software available for data capture and analysis.	1
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18	Soldering Station	Branded Company Product with at least three years product warranty	Power Rating: Approximately 60 W maximum output power. Temperature Range: Adjustable from approximately 200 °C up to 480 °C. Temperature Stability: Within ± 2 °C under normal operating conditions. Heating Element: Ceramic heating element for rapid heat-up and efficient temperature maintenance. Display: Digital or analog temperature display (depending on variant) for precise temperature control. Temperature Control: Adjustable via knob or digital interface with fine resolution. Power Supply: AC 220 V $\pm 10\%$, 50/60 Hz. Safety Features: Thermal cutoff and overload protection within required standards. Dimensions: Compact design with 100 mm $\times$ 100 mm $\times$ 90 mm (W $\times$ H $\times$ D) or above Weight: Approximately 1.5 kg for ease of portability and bench use.	5
19	Digital Microscope	Branded Company Product with at least three years product warranty	Specification: Magnification: 1600X Light source: 8 LED lights Resolution: 1920$\times$1080, 640*480 Pixel: 30W Focal length: 3-40mm manual adjustment Support Android 4.2 or above/widows/Mac system	1

20	Soldering Rework Station	Branded Company Product with at least three years product warranty	Soldering Iron Power: Up to approximately 60 W output power with temperature adjustable within approximately 200 °C to 480 °C range. Heating Element: Needle bit with MCH heater providing rapid heat-up and stable temperature control within ± 2 °C. Hot Air Blower Power: Up to approximately 500 W output power with temperature adjustable within approximately 200 °C to 450 °C range, multiple nozzles included. Hot Air Features: Auto-pause function on placement in cradle, airflow adjustable within operational limits. DC Power Supply: Provides output voltage approximately 15 V up to 2 A maximum current plus 5 V USB output for auxiliary power. Control: Microcontroller-based system with LED indicators for temperature and mode selection. Safety: ESD-safe design compliant with applicable standards. Build: Metallic body with powder coating, approximate dimensions 280 mm $\times$ 180 mm $\times$ 140 mm (W $\times$ H $\times$ D). Weight: Approximately 3.5 kg. Power Source: AC 220 V $\pm 10\%$, 50/60 Hz. Accessories: Includes soldering iron with needle bit, hot air blower with 3 nozzles, iron stand with sponge, hot air cradle, patch cord, and power cord. Operating Temperature: Suitable for ambient temperature approximately 0 °C to 40 °C	2
21	Hand Drill Machine	Branded Company Product with at least three years product warranty	Rated Input Power: Approximately 500 W or above maximum power consumption. Bit Holder: Standard 1/2"-20 UNF thread type. No-Load Speed (1st Gear): Adjustable from 0 up to approximately 3,000 rpm. Power Output: Approximately 300 W continuous output power. Weight: Approximately 1.7 kg total device weight. Impact Rate at No-Load Speed: Variable from 0 up to approximately 48,000 bpm. Rated Torque: Approximately 1.4 Nm maximum torque output. Drill Spindle Connecting Thread: Standard 1/2"-20 UNF thread. Chuck Capacity (Min/Max): Approximately 1.5 mm minimum to 13 mm maximum.	2

22	Bench grinder	Branded Company Product with at least three years product warranty	Grinding wheel diameter: min 150 mm Rated input power: 350 W or more Grinding wheel widths: 20 mm or more No-load speed: upto 3,000 rpm Grinding wheel bore: 20 mm/2cm Grit 24, 60 or more Weight: 10 kg or less	1
23	Cordless Screw Driver	Branded Company Product with at least three years product warranty	Battery Capacity: Around 1.5 Ah nominal capacity. Torque (Soft/Hard/Max): Approximately 14 Nm / 30 Nm / Maximum not specified. No-Load Speed (1st Gear / 2nd Gear): Ranges from 0 up to 400 rpm and 0 up to 1,500 rpm respectively. Battery Type: Rechargeable Lithium-Ion battery. Chuck Capacity (Min/Max): From approximately 0.8 mm up to 10 mm. Weight (Excluding Battery): About 0.8 kg. Torque Settings: 20 plus 1 adjustable settings.	1
24	Sublimation Heat Press Multifunction Printer (T shirt, Coffee Mug, Plate, Tiles, Key Ring, Pillow, Photo, Hat, Mouse Pad etc.)	Very Good Quality	Flat Platen Size 12 × 15" Temperature 0°C-250°C Time 0-0.999 Sec Weight 25-30 Kg (Approx) Pressure Adjustmenmt MAnual nob control Poweer Supply 220V, 50Hz	1
25	Smart Board	Branded Company Product with at least three years product warranty	Display Size: Approx 75Inch (190 cm) Up to Resolution: 4KUHDorHigher Brightness: Min 350 nits; Typ400nitsApprox Contrast Ratio: Typ 1200: 1Upto Response Time: Approx 8ms Viewing Angle: Approx178DegreesWide Working Frequency:1.5GHzNominal RAM:4GBOrMore Internal Storage:32GBMin OS: Android Based HDMI: 3Ports USB: 2Ports Sensing Type: Infrared Touch Frame Surface Protection: 4mm Toughened Glass Or Equivalent Infrared Touch Points: 20Approx Voltage:DC+5V±5%Range OPS: Optional	1
26	SolidWorks 2025 Software			1

27	Refrigerator	Branded Company Product with at least three years product warranty	Capacity:183L or more Annual Energy Consumption:148kWh/Year or less Refrigerator Fresh Food Capacity:165L or more Freezer Capacity: min 18L Bottle Count:5 or more Noise Level:40dB or less Installation Type: Freestanding	1
28	Projector	Branded Company Product with at least three years product warranty	Projection Tech: RGB liquid crystal shutter projection (3LCD) Up to Connectivity: USB Type B: 1port (Firmware Update/Copy OSD) Approx Analog Input:D-Sub15pin:1port Digital Input: HDMI:1port Projection Lens: Type: No Optical Zoom/Focus (Manual)Nominal Focal Length:16.70mm Approx F Number:1.44 Nominal Zoom:1.44-1.95 Ratio (Wide to Tele) Throw Ratio Range:1.00–1.35(Digital Zoom Approx	1
29	Printer	Branded Company Product with at least three years product warranty	Functions: Print, Scan, Copy Printer Type: Laser Nominal Dims(mm):409×398.5×267Approx Weight:9.7KgNominal Print Speed:Upto30ppm(A4Size)Approx Warranty:1 YearOn-Site Print Resolution:600×600dpi,HQ1200(2400× 600dpi) Quality Approx 2Sided-Duplex- Paper Type:Plain,Thin,Recycled Approx 2Sided-Duplex-PaperSize:A4 Paper Handling:Tray#1- Paper Type:Plain,Thin,Recycled Tray#1- Max Capacity:Upto250Sheets(80g/m ²)Approx Paper Output:Upto100Sheets(80g/m ²)Face Down Tray;One Sheet Face Up Tray Approx Copy- Colour /Mono: Yes/Yes Multiple Copies: Sorts/StacksUpto99PagesApprox Enlarge/Reduce:25%-400%(In1%Steps)Approx Copy Resolution:600×600dpi 2Sided-Duplex- Copy PaperType:Plain,Thin,Recycled 2Sided-Duplex- CopyPaperSize:A4 Scan- Resolution Interpolated:Upto19200×19200dpi Approx Scan- Resolution Glass:Upto600×2400dpiApprox Connectivity:Hi-SpeedUSB2.0 Display Type:16Chars×2Lines Memory Capacity:32MBAprox Power Source:220-240VAC50/60Hz Power Consumption- Ready:Approx60W Power Consumption- Sleep:Approx6.6W Power Consumption-Off:Approx0.08W Noise Level:50dB(A)Approx	1

30	Desktop	Branded Company Product with at least three years product warranty	CPU: INTEL CORE I7-12THGEN or Higher RAM:8GB+512GB SSD or more Conn: LAN+WIFI+BLUTOOTH+KEYMOUSE Display:20" DESKTOP MONITOR GPU"NVIDIARTX4090,VRAM 16GB"	14
31	Hot air gun	Branded Company Product with at least three years product warranty	Rated Input Power: Approximately 1,800 W maximum power consumption. Voltage, Electrical: Nominal 230 V AC supply. Weight: Approximately 0.75 kg. Working Temperature Range: Adjustable within approximately 60 °C to 550 °C. Heat-Up Time: Approximately 1 second to reach target temperature. Airflow: Adjustable within approximately 350 to 550 liters per minute. Airflow Control: Three selectable airflow settings.	2
32	Fire Extinguisher	Very Good Quality	Fire Extinguisher– Industrial Standard Make	6
33	First Aid Kit	Very Good Quality	First Aid Kit – Industrial Standard Make	2
34	Vacuum Cleaner	Branded Company Product with at least three years product warranty	Rated Input Power: Approximately 1,100 W maximum power consumption. Weight: Around 6 kg total weight. Container Volume (Net): Approximately 10 liters capacity. Voltage, Electrical: Nominal 230 V AC supply. Container Volume (Gross): Approximately 15 liters total volume. Container Volume (Net, Water): About 8 liters capacity for water. Filter Surface Area: Around 2,300 cm ² effective filtration area. Airflow Rate (Turbine): Approximately 53 liters per second. Vacuum Pressure (Turbine): Up to 270 mbar vacuum pressure. Number of Wheels: Four wheels for mobility.	1

35	Digital multimeter	Branded Company Product with at least three years product warranty	Display Count: Up to 4000 DC Voltage Range: Up to 1000 V AC Voltage Range: Up to 1000 V DC Voltage Accuracy: $\pm 0.5\%$ or ± 3 digits, whichever is higher AC Voltage Accuracy: Within $\pm 1\%$ + 3 digits DC Current Measurement: Up to 10 A AC Current Measurement: Maximum 10 A DC Current Accuracy: $\pm 1.5\%$ + 3 digits (approximate) AC Current Accuracy: $\pm 1.5\%$ + 3 digits (typical) Resistance Measurement: Up to 40 M Ω Resistance Accuracy: Estimated at $\pm 1.5\%$ + 3 digits Capacitance Measurement: Up to 1000 μ F Capacitance Accuracy: $\pm 5\%$ or ± 5 digits Operating Temperature Range: From 0°C up to approximately 40°C Storage Temperature Range: Between -30°C and 60°C Overall Dimensions (H×W×L): Approximately 183×91×49.5 mm Unit Weight: Around 455 grams Safety Compliance: As per IEC 61010-1 & IEC 61010-2-030 standards, suitable for CAT III 600V and CAT II 1000V environments with Pollution Degree 2 classification	5
36	LCR Meter	Branded Company Product with at least three	Display: Approximately 2.8" TFT touch LCD screen. Resolution: 25,000 or above counts resolution on both primary and secondary	1
37	3D printer FilamentB40:F82	Very Good Quality	Weight Kg: 1 Approx Melt Flow Index: 2 (190°C/2.16kg) Nominal FilamentLength:330mApprox Dim Accuracy: +/-0.1mmApprox	10
38			Roundness Accuracy: +/-0.5mmApprox SpoolInnerDia:55mmNominal SpoolOuterDia:200mmApprox SpoolWeight:300gNominal SpoolWidth:65mmApprox	
39	Acrylic Sheet 3mm, 4ft x 4ft	Very Good Quality		20
40	Acrylic Sheet 4mm, 4ft x 4ft	Very Good Quality		20
41	Acrylic Sheet 5mm, 4ft x 4ft	Very Good Quality		20
42	Foam Sheet 8mm, 4ft x 4ft	Very Good Quality		2

43	Foam Sheet 10mm, 4ft x 4ft	Very Good Quality		1
44	Foam Sheet 12mm, 4ft x 4ft	Very Good Quality		1
45	Foam Sheet 15mm, 4ft x 4ft	Very Good Quality		1
46	Ply Board 5mm, 2ft x 4ft	Very Good Quality		12
47	Nylon Rod 10mm, 1m	Very Good Quality		5
48	Nuts (3mm,4mm,5mm, 6mm,8mm,10mm, 12mm) Pack of 100	Very Good Quality		1
49	Bolts (3mm,4mm,5mm, 6mm,8mm,10mm, 12mm) dia 1" Inch Pack of 100	Very Good Quality		1
50	Screws (3mm,4mm,5mm) Pack of 100	Very Good Quality		1
51	Washers (3mm,4mm,5mm, 6mm,8mm,10mm, 12mm) Pack of 100	Very Good Quality		1
52	Studs (6mm,8mm) 1 Meter	Very Good Quality		2
53	Nails (1",2",3",1.5",5") Pack of 100	Very Good Quality		1
54	Fevicol 2Kg	Very Good Quality		1
55	2 Way Tape	Very Good Quality		10
56	PVC	Very Good		10

	Pipe .75",10ft	Quality		
57	PVC Pipe 1",10ft	Very Good Quality		10
58	PVC Pipe 1.5",10ft	Very Good Quality		10
59	PVC Pipe 2.0",10ft	Very Good Quality		10
60	Aluminium channels (L, C, Box, strip length 12ft)	Very Good Quality		2
61	PCB Drill Bit 0.4mm	Very Good Quality		10
62	PCB Drill Bit 0.8mm	Very Good Quality		10
63	PCB Drill Bit 1mm	Very Good Quality		10
64	Drill Bit 4mm	Very Good Quality		10
65	Drill Bit 5mm	Very Good Quality		10
66	Drill Bit 6mm	Very Good Quality		10
67	Arduino NANO	Very Good Quality		10
68	Arduino Mega	Very Good Quality		3
69	Raspberry Pi Model 4B, 4GB	Very Good Quality		3
70	ESP8266 NodeMCU	Very Good Quality		5
71	ESP32 Development Board	Very Good Quality		5
72	Beaglebone blu	Very Good		1

		Quality		
73	Beaglebone Black	Very Good Quality		1
74	Voltage Regulator Module	Very Good Quality		2
75	Mini Micro submersible Water Pump	Very Good Quality		2
76	Piezoelectric Plate	Very Good Quality		2
77	8*8 LED Matrix Module	Very Good Quality		5
78	Bluetooth	Very Good Quality		10
79	7 Segment LED Display	Very Good Quality		10
80	GSM/GPRS/GPS Module	Very Good Quality		5
81	Laser Module	Very Good Quality		2
82	LDR Module	Very Good Quality		5
83	4×4 Matrix Keypad	Very Good Quality		5
84	Joy Stick Module	Very Good Quality		2
85	Active Buzzer (BIG)	Very Good Quality		5
86	Active Buzzer (SMALL)	Very Good Quality		5
87	Motor Driver	Very Good Quality		10
88	Sound Playback Module	Very Good Quality		5

89	BO Motors	Very Good Quality		10
90	Vibrating Motor	Very Good Quality		10
91	Capacitive Touch Switch	Very Good Quality		2
92	IR Sensors (Obstacle Sensors)	Very Good Quality		10
93	Triple Axis Magnetometer	Very Good Quality		2
94	Humidity Sensor	Very Good Quality		10
95	MQ-2	Very Good Quality		5
96	MQ-3	Very Good Quality		5
97	MQ-4	Very Good Quality		5
98	MQ-5	Very Good Quality		5
99	MQ-7	Very Good Quality		5
100	Ultrasonic Sensor Module	Very Good Quality		10
101	Triple Axis accelerometer	Very Good Quality		5
102	PIR Motion Detector Module	Very Good Quality		10
103	Pulse Rate Heart Sensor	Very Good Quality		2
104	Relay Module	Very Good Quality		10
105	Soil Moisture Sensor	Very Good Quality		10

106	Touch Sensor	Very Good Quality		5
107	Rain Drop Sensor	Very Good Quality		5
108	Flex Sensor	Very Good Quality		2
109	Temperature Sensor	Very Good Quality		10
110	Force Pressure Sensor	Very Good Quality		5
111	Colour Recognition Sensor	Very Good Quality		5
112	Water Flow Sensor	Very Good Quality		5
113	Sound Sensor	Very Good Quality		5
114	IR Sensor Array for Line Following	Very Good Quality		5
115	RFID Reader-Tags	Very Good Quality		5
116	RF Modules Tx& Rx 315 MHz ASK	Very Good Quality		5
117	Stepper motor with Driver Board	Very Good Quality		10
118	Servo Motor 360 rotation	Very Good Quality		10
119	Servo Motor 180 rotation	Very Good Quality		10
120	Metal Gear Servo Motor (180° Rotation)	Very Good Quality		5
121	Solder Wire 100gm	Very Good Quality		10

122	Solder Flux	Very Good Quality		10
123	830 Points Solderless Breadboard	Very Good Quality		5
124	400 Points Solderless Breadboard	Very Good Quality		5
125	Copper Clad Board single side	Very Good Quality		10
126	Copper clad board double side	Very Good Quality		10
127	Male to Male Breadboard Jumper	Very Good Quality		10
128	Female to Female Breadboard Jumper	Very Good Quality		10
129	Male to Female Breadboard Jumper	Very Good Quality		10
130	Non-Contact Voltage Tester	Branded Company Product with at least three years product warranty	Function: Non-contact AC voltage detection tester. Voltage Detection Range: Approximately 90 V to 1000 V AC. Detection Method: Capacitive, with visual and audible indication. Sensitivity: Adjustable sensitivity for different voltage ranges. Response Time: Instantaneous detection within standard operating conditions. Indicators: Bright LED indicators and audible beep for voltage presence. Operating Environment: Suitable for use in ambient temperatures from 0 °C to 40 °C. Power Source: Powered by standard batteries (typically 2 × AAA or equivalent). Safety Standards: Complies with IEC/EN 61010-1 CAT III 1000 V safety standards. Dimensions: Compact, handheld design suitable for field use (approx. 150 mm × 30 mm × 25 mm). Weight: Lightweight, approximately 150 g for ease of portability.	5

131	Blower	Branded Company Product with at least three years product warranty	Rated Input Power: Max 650 W power consumption. Weight: Approximately 1.7 kg. Voltage, Electrical: Nominal 230 V AC supply. Sound Pressure Level: Around 103 dB(A). Sound Power Level: Approximately 95 dB(A). Uncertainty (K): Within ± 3 dB	1
132	Reflow Oven	Branded Company Product with at least three years product warranty	No. of Waves: 7 or higher Heating Type: Infrared IC Heater Max. PCB Width: 300×320 mm or more Power Supply: AC 220V / 50Hz Peak Power: 1500W Cycle Time: 1–8 min or less Temperature Range: 0°C–280°C Overall Dimensions: min 350×450 mm Machine Weight: upto 25 kg	1
133	Filament Dehydrator	Branded Company Product with at least three years product warranty	Operating Temperature Range: Min 45°C– 70°C Drying Time Setting: 0–48 hours or higher Hot-Air Heating: upto 360° circulation Moving Speed: 300 mm/s or more Power Rating: 160 W Shipping Weight: 2.5 kg	1
134	Toungue and Groove Pillar			5
135	Wire Stripper			5
136	DC Regulated Power Supply			3
137	Coil Winding Machine (Motorized)			1
138	Jig Saw	Branded Company Product with at least three years product warranty	Rated Input Power: Approximately 500 W maximum power consumption. Voltage, Electrical: Nominal 230 V AC supply. Saw Stroke Length: Approximately 20 mm stroke length. Stroke Rate at No Load: Adjustable within approximately 800 to 3,100 spm (strokes per minute). Weight: Approximately 2.08 kg total weight. Bevel Angle: Adjustable within approximately -45° to 45° range.	1

139	Random orbit sander	Branded Company Product with at least three years product warranty	Rated Input Power: Up to 280 W maximum consumption. Sanding Pad Diameter: Nominal 125 mm diameter. Orbit Diameter: Approximately 2.6 mm orbital diameter. Weight: Around 1.4 kg. No-Load Speed: Adjustable within 7,500 to 12,000 rpm range. Orbital Stroke Rate: Between 15,000 and 24,000 orbits per minute (opm). Eccentricity: Approximately 1.3 mm.	1
140	Rubber Grip Hacksaw	Very Good Quality	Depth of Throat: Approximately 98 mm (3.85 inches) nominal depth. Blade Length: Around 254 mm (10 inches) standard length.	2
141	Rotary Tool Kit	Branded Company Product with at least three years product warranty	Rated Power Input: Approximately 175 W within nominal voltage range. Voltage: Operates within 220 to 240 V AC supply. Weight: Around 0.66 kg total mass. Length: Approximately 24 cm overall length. Width: About 4.1 cm nominal width. Depth: Roughly 4.3 cm depth dimension. No-Load Speed: Variable speed ranging from 5,000 up to 35,000 rpm. Battery Technology: Not applicable (n.a.). Speed Setting: Fully variable speed control as required. Accessory Quick Change System: Equipped with multi chuck for rapid accessory interchange. Vibration Level: Approximately 18 m/s ² measured vibration	2
142	Claw Hammer Steel Shaft	Very Good Quality	Weight: Approximately 8 oz (220 grams) nominal weight. Dimensions: Around 27.8 cm × 12.4 cm × 3.6 cm (L × W × H) overall size	2
143	Ball Pein Hammer	Very Good Quality	Weight: Approximately 110 grams nominal weight. Dimensions: Around 32.6 cm × 10 cm × 2 cm (L × W × H) overall measurements.	2
144	Rubber mallet	Very Good Quality	Weight: Approximately 450 grams nominal weight. Dimensions: Around 33.6 cm × 9.6 cm × 6.2 cm (L × W × H) overall size.	2
145	Ring spanner set 12Pcs	Very Good Quality	Weight: 3.08 Kg nominal weight. Quantity: 12 pcs per set. Size: 6 mm to 32 mm overall range.	1
146	Open end spanner set 12Pcs	Very Good Quality	Weight: Approx 1.74Kg nom.wt. Qty: 12pcs/set. Size: 6mm-32mm overall dims.	1
147	Combination	Very Good	Weight: Approx 649g nom.wt. Qty: 8pcs/set.	1

	Spanner set 8Pcs	Quality		
148	Allen key set 10pcs	Very Good Quality	Hex Key Size: 1.5,2,2.5,3,4,5,5.5,6,8,10mm; Qty:10pcs/set	2
149	Allen key set 12pcs	Very Good Quality	BallKeySize:1/16",5/64",3/32",7/64",1/8",9/64",>5/32",3/16",7/32",1/4",5/16",3/8" Qty:12pcs/set	2
150	Combination plier	Very Good Quality	Weight: Approx422g nom.wt. Size: 8"/200mm nominal	2
151	Long nose plier	Very Good Quality	Weight: Approx399g nom.wt. Size:180mm/6" nominal	2
152	Circlip straight 5"	Very Good Quality	Weight: Approx399g nom.wt. Size:130mm/5" nominal	2
153	Circlip bent	Very Good Quality	"Weight: Approx399g nom.wt. Size:130mm/5"" nominal"	2
154	Diagonal Cutter	Very Good Quality	"Weight: Approx239g nom.wt. Size:180mm nominal"	2
155	Wire Stripper	Very Good Quality	Weight: Approx281g nom.wt. Size:130mm nominal	2
156	Adjustable spanner	Very Good Quality	Size: Upto 150 mm	2
157	Pipe wrench	Very Good Quality	Size: Max 300 mm	2
158	C – clamp	Very Good Quality	Size: Upto 75 mm	4
159	C-clamp	Very Good Quality	Size: Upto 150 mm	4
160	Snap- off Knife	Very Good Quality	Size:18 mmm	2
161	16pcs screw driver set	Very Good Quality	Pieces Per Set: 16 pcs	1
162	6pcs precision screw driver set	Very Good Quality	Pieces Per Set: 16 pcs	2
163	Max steel snip cutter	Very Good Quality	Length: 250 mm	2

164	PVC Pipe cutter	Very Good Quality	Length: 42 mm	2
165	Hot Glue Gun	Very Good Quality	Power: 40 W	4
166	Small file set	Very Good Quality	Length: 160 mm	2
167	Big file set	Very Good Quality	Length: 200 mm	2
168	Chisel set	Very Good Quality	Weight: 340 gm	2
169	Punch set	Very Good Quality	Weight: 390 gm	2
170	Bench wise	Very Good Quality	Base Type: Fixed Size:2–3½" nominal JawWidth:60mm	2
171	Router Bit Starter Kit	Very Good Quality	Pieces Per Set: 15 pcs	1
172	Drill bit set	Very Good Quality	WAF(mm):1,1.5,2,2.5,3,3.5,4,4.5,5,5.5,6,6.5,7,7.5,8,8.5,9,9.5,10,10.5,11,11.5,12,12.5,13 Wt:~1.3Kg nom.wt Sz(mm):205×115×55 overall	2
173	Baby wise	Very Good Quality	Vice Type: Bench Size:2" nominal JawWidth:50mm	2
174	Ratchet Set	Very Good Quality	Vice Type: Bench Sz:2" nominal; Jaw:50mm	2
175	Pegboard	Very Good Quality		5
176	Digital Vernier Caliper	Very Good Quality	Product Type: Digital Calliper Meas.Range:0–150mm / 0–6" Resolution:0.01mm	2
177	Micrometer	Very Good Quality	Resolution:0.001mm/0.00005" Meas.Range:0–25mm/0–1"	1
178	Steel Rule 300mm	Very Good Quality	Product Type: Steel Rule ScaleSize:12"/300mm Material: Stainless Steel	5
179	Steel Rule 600mm	Very Good Quality	Product Type: Steel Rule ScaleSize:24"/600mm Material: Stainless Steel	5
180	Engineering Square	Very Good Quality	Size:150×80mm nominal Material: Carbon Steel	2

181	Meter Tape 30m	Very Good Quality	Length: 30 m	1
182	Measuring Tape 3M	Very Good Quality	Length: 3 m	3
183	Measuring Tape 5M	Very Good Quality	Length: 5 m	3
184	Spirit Level	Very Good Quality	Vials:3 Accuracy:0.5mm/m Length:300mm Product Type: Level	3
185	Goggle	Very Good Quality	Goggle – Industrial Standard Make	5
186	Apron	Very Good Quality	Apron - Standard Make	5
187	Ear Muff	Very Good Quality	Earmuff – Industrial Standard Make	5
188	Mask	Very Good Quality	Mask – Industrial Standard Make	50
189	Gloves Pair	Very Good Quality	Gloves – Industrial Standard Make	10
190	Normal Oven	Branded Company Product with at least three years product warranty	Oven Cap: 20L or more Type: Solo Door: Side Swing Child Lock: Yes Completion Beeper: Yes Power Levels: upto 5 Control: Membrane Type Cavity Mat: Anti-Bacterial Dims(mm):455×252×320 PowerOut:700W or less	1
191	9V Batteries			20
192	9V Battery Snaps			20
193	LAN Cables (For connecting Raspberry Pi)			6
194	USB Cable			10
195	Glue Stick			50
196	Hacksaw Blade		6" and 12"	5 each
197	C-Clamp			5
198	Anvil			2

199	Bench Vice			3
200	Ratchet Clamp		8"/200mm	5

Terms and Conditions

The following Terms and Conditions apply to all bidders participating in the tender for the supply, installation, and commissioning of equipment, tools, and machines for the establishment of an AICTE IDEA Lab. All prospective vendors are required to read and comply with these terms in their entirety.

1. General Information

All equipment and materials must be delivered in the quantities and specifications as mentioned in the purchase order issued by the purchaser. The delivery location will be specified in the purchase order (e.g., Guru Nanak Institute of Technology, 157/F, Nilgunj Road, Panihati, Sodepur, Kolkata 700114). The entire contract shall remain valid for a period of three (3) months from the date of award.

Quotations submitted by bidders must remain valid for a minimum of 90 days from the final date of submission. Any quotation that does not meet this validity period will be considered non-compliant.

2. Bid Submission Guidelines

Bids may be submitted either via email (digitally signed), as specifically mentioned in the tender notice. All quotations must be printed on the bidder's official letterhead and duly signed by an authorized representative.

Each bid must be complete in all respects and must include the following mandatory documents:

- Detailed Profile of the Bidder, highlighting experience and key competencies.
- Copy of the Company/Firm Registration Certificate.
- Copy of valid GST Registration Certificate.
- Copy of submitted GST return (at least up to November 2024).
- Copy of valid PAN Card.
- Chartered Accountant's Certificate for turnover for FY 2021–22, 2022–23, and 2023–24.
- CA-certified and audited Balance Sheets and Financial Statements (Form 3CB/3CA) for the last three financial years.
- Copies of Work Completion or Experience Certificates of similar completed works.
- Valid Shop Establishment License or Factory License.
- Genuine Manufacturer Authorization Form (MAF), which will be subject to verification with the respective OEM.
- Bidder should provide an Escalation Matrix for service and after sales support.
- Valid EPF, ESIC, and Professional Tax Registration Certificates (where applicable).
- Income Tax Return Acknowledgements for FY 2021–22, 2022–23, and 2023–24.
- Declaration/Affidavit (on ₹500/- Stamp Paper) regarding no blacklisting from IITs/NITs/Govt. Offices/PSUs/Autonomous Bodies.
- Complete, signed, and stamped tender document including amendments and deviation sheets, if any (to be uploaded online only).
- Declaration of agreed specifications on company letterhead, duly signed and stamped.
- Any other documents in support of technical eligibility.

All bidders are required to quote for all the items listed in the specified equipment list as mentioned in the website. Partial or item-wise quotations will be summarily rejected. Each bidder is allowed to submit only one quotation per package; multiple submissions from a single bidder will lead to disqualification.

3. Technical Documentation and Compliance

The bidder must furnish complete technical documentation for each quoted item. This includes detailed product specifications, installation manuals, operation and maintenance manuals. The bidder is also required to submit a layout/design proposal aligned with the lab setup requirements, highlighting compliance points against the tender specifications.

Original technical brochures or scanned versions of product catalogs should be submitted with the bid. Wherever available, URLs to the OEM's official product page should also be provided for cross- verification.

Each bidder must clearly mention the make, model, and complete technical specifications for the equipment being offered. A compliance sheet responding to each technical requirement outlined in the tender must be prepared and duly signed.

4. Eligibility and Qualification Criteria

All bidders must be OEMs or authorized partners/distributors with valid authorization for the products they are quoting. Authorization letters must be submitted on the OEM's official letterhead.

Bidders must demonstrate relevant experience by submitting a minimum of three Purchase Orders (executed within the last five years) for similar equipment supplied to academic, R&D, or industrial institutions. A list of at least five institutional clients (with contact information) must be provided as a reference.

It is mandatory that the bidder or OEM has a registered support office in India to provide warranty and after-sales support. In the case of imported equipment, either the OEM or their authorized seller must submit a certificate confirming the presence of such a service support facility in India.

The OEM must also submit a declaration confirming the availability of spare parts for the quoted products for a minimum of one year and authorize the bidder to participate in the tender.

5. Financial Criteria

Each bidder must have an average annual turnover of ₹5 Crores or more over the last three financial years (FY 2022–23, 2023–24, 2024–25). The turnover must be supported by a CA certificate or audited financial statements.

Prices quoted must be inclusive of all taxes (GST, customs, etc.), transportation, packaging, insurance, unloading, installation, commissioning, and training charges. There shall be no extra claim under any circumstances after the finalization of the bid.

The quoted prices must be firm and fixed throughout the duration of the contract. No escalation in price will be allowed under any pretext.

6. Evaluation and Award of Contract

All bids will be evaluated on the basis of compliance with the technical specifications, completeness of submitted documentation, financial eligibility, and price competitiveness. The contract shall be awarded to the bidder whose offer is determined to be technically responsive and lowest in cost.

The purchaser reserves the absolute right to reject any or all bids without assigning any reason. The final decision on selection will be at the sole discretion of the purchaser and shall be binding on all parties.

7. Warranty and After-Sales Service

All equipment must carry a minimum onsite warranty of at least **three years** from the date of

successful installation and commissioning. During this warranty period, the bidder shall repair or replace any defective items at no additional cost to the purchaser. All associated transportation, testing, and labor costs shall be borne by the bidder.

In case of any service delay or failure to resolve issues during the warranty period, the purchaser reserves the right to invoke penalties or reject future business from the vendor.

8. Payment Terms

Payment shall be released only after the successful supply, installation, and commissioning of the equipment. Final inspection and acceptance will be carried out by the purchaser's technical committee.

No payment shall be made for equipment that is received in damaged condition, is non-functional, or fails to meet the required specifications. The bidder must submit all necessary documentation (delivery challans, installation report, warranty documents, training certificate, invoice, etc.) to process payment.

9. Other Conditions

No bidder shall be given preference based on category, class, or affiliation. The procurement may be extended to additional phases (e.g., Phase II) depending on availability of funds and institutional requirements.

Delayed delivery or installation may result in cancellation of order or imposition of penalties, as deemed fit by the purchaser. The scope of the supply and service must be entirely as per the BoQ and technical specifications. Bids with partial compliance or deviations shall not be entertained.

10. Submission Deadline and Contact Details

All quotations must be submitted by 31.08.2025 to the email ID idea_lab@gnit.ac.in or sent in hard copy to:

Guru Nanak Institute of Technology

157/F, Nilgunj Road, Panihati, Kolkata-700 114

Contact:

1. **Prof(Dr.) Swarup Kumar Mitra**

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Guru Nanak Institute of Technology

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2. **Dr. Barnali Kundu**

Coordinator, AICTE IDEA LAB

Guru Nanak Institute of Technology

Contact No: 9434421693

Email: barnali.kundu@gnit.ac.in

Sd/-

Principal,

Guru Nanak Institute of Technology