



Jaypee Institute of Information Technology

(Declared Deemed to be University u/s 3 of the UGC Act)

Jaypee Institute of Information Technology, Noida

Tender Ref. No: JIIT/AICTEIDEALAB/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.

S. No.	Name of Equipment	Quantity	Remarks (Specifications)
1	Laser Cutter	1	Cutting Area: 900X 1400 mm (4 x 3 ft); Laser Power: 100 Watt; Stepper Motor; Max Cutting Thickness: 20 mm Acrylic; Travelling Speed: 0.1 to 600 mm/s; Reposition Accuracy: 0.02 mm; Min Letter Size: 1 mm; Belt Transmission; Manual Z-Axis; Power Adjustment: 1 to 100%; OS: Windows 7 (32-bit); Interface: USB, Udisk, Ethercad; Formats: PLT, DXF, BMP, JPG, AI, DWG, GIF, HPGL; Memory Buffer: 128 MB; Voltage: 220V/50 Hz; Environment: 45°C, 5%-80% Humidity
2	Vinyl Cutter	1	Working width -2 feet with desktop Computer & UPS Printing Speed: 19.69 in/s (500 mm/s) (all directions) Product description: Desktop cutter / vinyl cutter Power: AC 100 to 240 V +-10 % 50/60 Hz 1.7 A Dimensions: 33.5 in (W) x 12.2, Bed size: 2 to 3 feet
3	3D Printer	1	Very good quality 3D printer multi-material 3D printing Optional 40W laser and cutting module Print volume: 350x320x325 mm ³ 5µm resolution optical motion calibration Closed-loop servo extruder 350°C nozzle & 65°C active chamber heating Voltage range: 100-120 V

4	3D Scanner	1	34+7 Blue Laser Lines Portable Wireless Scanner Metrology-grade Accuracy up to 0.02mm Objects between 5-4000mm Fast Wi-Fi 6 Data Transmission
5	CNC Router	1	Machining Area: 1300 x 2500 x 200 mm; Spindle: 6.0 KW Air Cooled (Hiteco, Italy); Spindle RPM: 18000 max; Transmission: Helical Rack & Pinion with Gear Box; Operating System: Handheld Controller; Tool Diameter: Ø3 to Ø16 mm; Driving System: AC Servo Motor (Lead shine); Max Speed: 30 m/min; Power Supply: AC 420V/3PH; Weight: 970 kg, Bed size: 2 to 3 feet
6	Mini Desktop Lathe cum Milling	1	250mm center distance, 100–3000 rpm spindle speed, 0.01 mm precision, variable speed motor, and manual/automatic feed
7	Drilling M/c 1 HP Motor	1	Very good quality 1 HP Motor, Pillar type
8	Handheld High-Speed Drilling M/c-15000 RPM with accessories - 2 Nos.	2	15000 RPM with accessories
9	Benchtop Grinder Machine	1	Power: 600 W, Speed: 3000–3600 RPM, Wheel Diameter: 200 mm
10	Solder stations (5 Nos.)	5	Power Output: 60–75 W, Temperature Range: 200°C – 480°C, Temperature Control: Digital or analog with precise adjustment
11	Desoldering M/c	1	power consumption 600-watt, air temp 100 - 500 °C
12	Advanced, motorized Sewing Machine	1	Heavy-duty speed control, and options like drop feed for free-motion sewing, buttonhole functions, twin-needle capability, and high-speed stitching (800-1100 SPM), 20+ stitch functions
13	Wood Lathe	1	minimum 500W motor, variable speed range of 650–3800 RPM, digital speed display, minimum 12" swing over bed, minimum 18" between centers, MT2 tapers, and heavy-duty cast iron construction for stable and precise woodturning
14	Power Tools	1	GSB 500 RE Corded-Electric Drill Tool Set 500 W Motor 100-piece Tools Box Kit Speed Range up to 2600 RPM Impact Rate up to 41600 BPM Chuck Capacity of 10 mm 1 Yr. Warranty
15	Portable Welding M/c	1	300A IGBT inverter ARC welding machine, with Hot Start, Anti-Stick, Arc Force control, and 1.6–5mm electrode size.
16	Refrigerator	1	Capacity 200 Litres

17	Normal and Microwave Oven	1	Capacity 20L to 30L
18	Magnifying Glass with Stand- 2 No.	2	Magnification: 2.5x, 3 color modes, stepless dimmable LED, flexible gooseneck, hands-free design.
19	Digital Microscope	1	1200X 12MP Digital Microscope with 7" HD LCD Display and built-in Rechargeable Battery
20	Mixed Signal Oscilloscope	1	2 GHz, 1 GHz, 500 MHz, and 350 MHz bandwidth models, Up to 10 GS/s real-time sample rate on one or two channels and up to 5 GS/s on all four channel, Fast Frame™ segmented memory acquisition mode with up to 290,000 segments and >310,000 waveforms per second capture rate
21	Digital Storage Oscilloscope	1	Operating System: Windows XP, Windows 7, Windows 8, Linux, RAM: 512 Megabytes (MB), Disk space: 1 Gigabyte of available hard disk space, Display: XVGa 1024×768 with 120 dpi font size recommended, 7-inch widescreen color TFT LCD displays clear, crisp and more stable waveform display
22	Signal Generator	1	Frequency range, Frequency resolution, Amplitude, Phase modulation capabilities, Pulse and IQ modulation capabilities, Switching speed, Maximum input channels
23	Variable Power Supply	1	0 to 30V, 30 to 60 V
24	Benchtop Multimeter	1	0.0025% DCV accuracy (1 year), 1 Msample/s digitizing, 16-bits, 10-channel scan card option
25	Projector	1	1920X1080, also known as Full HD & 4K UHD (3840X2160 or True 4K)
26	Heavy Duty Laser Printer	1	Color laser printer with ≥30 ppm speed, 1200×1200 dpi resolution, automatic duplex printing, 250-sheet input tray, monthly duty cycle ≥8000 pages, and USB connectivity
27	PCB Milling Machine	1	200×300×120 mm working area, 3.125 μm resolution, 0.1 mm line width, drills 0.2–3.175 mm holes at up to 50 cycles/min, 58 mm/s speed, 220 V AC, 3.82 (150") /min milling speed, variable size bit, automatic
28	PCB Prototype Machine	1	Working Area: 425 x 300 x 55 mm, Spindle Motor: 500W, 0-12000 RPM, air-cooled, Max Operating Speed: 4000 mm/min Engraving Speed: 300-3000 mm/min, Tool Change: 8-station software-controlled, Repeat Positioning Accuracy: 0.05 mm Camera: Vision camera with monitoring software, Spindle Collet: 1/8" (3.175mm), ER11, Controller: CNC with spindle speed, limit switch, depth control, Command Code: G-code, Protection: Emergency stop button, Software: MACH 3, Copper CAM, Cabinet: Hood cabinet, Interface: Parallel port, USB to PC, Accessories: Auto tool checker, Voltage: 220-240V / 50Hz

29	Computer Workstation in networking- 5 Nos.	5	5 Nos. (4 Desktop at least i5 + 16GB Ram and one Laptop i7+ 16GB Ram)
30	Quadcopter assembly kit	1	450 mm frame base, 2212 1000KV motors, 30A ESCs, 10x4.5" props, APM 2.8 controller, GPS, 3S 2200mAh LiPo battery, 6+ channel TX/RX, telemetry module, PM2.5, NO2, Ozone, MQ-2 for environmental monitoring
31	Smart Board	1	86" 4K UHD display, 10-point touch, Android OS, HDMI/USB/Wi-Fi, built-in speakers, wall or stand mount, Google ELDA certified
32	Relay Module	1	24V 8-Channel Relay Module with optocoupler, Bluetooth and Wi-Fi capable, compatible with Arduino/Raspberry/PIC arm AVR microcontroller
33	GPIO module	1	128 channel USB/Wi-Fi/Bluetooth/Ethernet interfaces GPIO module with analog inputs
34	Electric Bicycle motor & Access	1	Electric Cycle 36v 250watts Motor, 10AH Battery Pack Full Conversion Kit
35	Granite surface plate	1	630mm x 630mm x 80mm, Grade "0", with a flatness tolerance of 3.5 μ m, precision lapped surface, and an MS fabricated stand
36	Vacuum Cleaner	1	Wet and dry industrial vacuum cleaner with 1000W-1200W power, 15L-20L capacity, HEPA filter, wheeled trolley, noise level below 70dB, and 6m cord length.
37	Hot Air Gun- 5 Nos.	5	Hot Air Gun, 2000W power, adjustable temperature range 50°C–550°C, airflow up to 550 L/min, with variable speed and safety features.
38	Measuring Equipment (Vernier calliper (0-200/0.01))	1	Measurement Range 0-200mm, Least Count 0.01
39	Vernier height gauge (0-1000mm), Micrometer 0-50, 50-100/0.001 inside and outside)], Metal Scale etc.	1	(0-1000mm), Micrometer 0-50, 50-100/0.001 inside and outside), Metal Scale etc.
40	Fire Extinguisher	1	5kg
41	First Aid Box	1	Standard
42	Digital Multimeter (5 units)	5	DC/AC voltage, DC/AC current, resistance, diode voltage, diode continuity, 4.5 digits resolution, 10 M Ω

43	Clothes Iron (5 units)	5	1500 W
44	Electronic Component Repository (LCR Meter, Variac etc.)	1	Arduino/Raspberry PI/, Various Sensors, Actuators & Output Devices, WIFI/GSM/Bluetooth/GPS communication module, Automatic scale, True RMS reading, Breadboards, Jumper Wires, Soldering Stations, Multimeters
45	3D printer Filament (Depending on the printer, 2 rolls)	2	Depending on Printer Selection
46	Acrylic Sheets (2mm, 3mm, 4mm, 5mm All of area 8ft x 4ft) 2 sheets each	2	(2mm,3mm, 4mm, 5mm All of area 8ft x 4ft) 2 sheets each
47	Foam Sheets (8mm, 10mm, 12mm, 15mm All of area 8ft x 4 ft) 2 sheets each	2	(8mm, 10mm, 12mm, 15mm All of area 8ft x 4 ft) 2 sheets each
48	Ply Boards (8mm, 12 mm, 18mm, All of area 8ft x 4ft) 2 sheets each	2	(8mm, 12 mm, 18mm, All of area 8ft x 4ft) 2 sheets each
49	Nylon Rods (12mm, 15mm, 18mm, 25mm) All of length 1 m, 5 each	5	12mm, 15mm, 18mm, 25mm All of length 1 m, 5 each
50	Nuts (3mm, 4mm, 5mm, 6mm, 8mm, 10mm, 12mm) 100 each	100	3mm, 4mm, 5mm, 6mm, 8mm, 10mm, 12mm, 100 each
51	Bolts (Dia-3mm, 4mm, 5mm, 6mm, 8mm, 10mm, 12mm) length (1", 1.5", 2", 2.5"), 100 each	100	(3mm, 4mm, 5mm, 6mm, 8mm, 10mm, 12mm) length (1", 1.5", 2", 2.5"), 100 each
52	Screws (3mm, 4mm, 5mm) 100 each	100	3mm, 4mm, 5mm, 100 each

53	Washers (3mm, 4mm, 5mm, 6mm, 8mm, 10mm, 12mm) 100 each	100	3mm, 4mm, 5mm, 6mm, 8mm, 10mm, 12mm, 100 each
54	Studs (6mm, 8mm) Length 1m, 5 each	5	6mm, 8mm, Length 1m, 5 each
55	Nails (1", 2", 3") 100 each	100	1", 2", 3", 100 each
56	Adhesives, M-Seal, Feviquick, Fevi Bond, 10 each	10	Large Size
57	2 Way Tapes, 20 rolls	20	4 sizes each
58	PVC Pipes (0.75", 1", 1.5", 2.5", 3") Length 10ft, 1 each	1	0.75", 1", 1.5", 2.5", 3" Length 10ft, 1 each
59	Aluminum Channels (L, C, Box) Strip Length 12ft, 2 each	2	Length 12ft., L-shaped
60	PCB Drill Bits (0.5mm, 0.8mm, 1mm) 20 each	20	0.5mm, 0.8mm, 1mm, 20 each
61	Drill Bits (3mm, 4mm, 5mm, 6mm) 20 each	20	3mm, 4mm, 5mm, 6mm, 20 each
62	Drill Bits (8mm, 10mm, 12mm) 5 each	5	8mm, 10mm, 12mm, 5 each
63	Carpentry Boring Bits, Entire Kit, 1 kit	1	1 piece each of 10/12/16/18/20/25 mm Boring Bit Dia Size
64	Electronic Active and Passive components, Resistors, Capacitors, diodes and transistors, 10 each	10	Resistors 220ohm, 100 ohm, Capacitors (electrolytic, paper capacitors), diodes, Gates IC, LEDs- Red, Green

65	USB Cables- For connecting Arduino and other development boards, 10	10	USB 2.0 Cable Type A/B
66	Radium Cutter Knives, 10	10	160 mm
67	Glue Sticks, 50	50	50 Pcs., Preferably Fevistick
68	Hack Saw Blades (6" and 12") 10 each	10	6" and 12", 10 each
69	9V Battery Snaps, 20	20	20 Pieces
70	LAN Cables- For connecting Raspberry Pi, 5	5	5m each
71	9V Batteries, 20	20	9V Alkaline Battery
72	Hacksaw (5 Nos.)	5	12"- 1 No., 14"- 2 No., 18"-2 No.
73	Micro Chisel Set (3 Nos.)	3	Wood Carving Chisel Set
74	Pliers (3 Sets)	3	Three different types- 01 each
75	Manual PCB Drilling Machine (3 Nos.)	3	3 phase,20,000 RPM spindle speed, 0.3–3.2 mm drill bit capacity, ±0.1 mm accuracy, brushless motor (~100–300W), manual/semi-automatic control, and 230V AC power supply, 230 x 300 mm working area, 59 mm support column dia,5A socket required, Metal Base
76	PCB power Drilling Machine (3 Nos.)	3	100–300W motor, 20,000 RPM spindle, 0.3–3.2 mm drill bit capacity, ±0.1 mm accuracy, 230×300 mm worktable, 230V AC input, safety shield,5A socket required
77	Cordless Drilling Machines (2 Nos.)	2	Cordless Drilling with Battery, 2V Lithium-Ion battery, 30 Nm torque, 0-400/0-1,500 rpm speed settings, and a 20mm wood drilling capacity, weighing 0.9 kg
78	Jigsaw Machines (2 Nos.)	2	500W power input, 1,450–3,200 strokes per minute, 20mm stroke length, 70mm wood cutting depth, and weighs 2.1 kg
79	Power Circular Saw (2 Nos.)	2	400W power rating, 184mm blade diameter, 5200 rpm no-load speed, 70mm cutting depth at 90°, and weighs 4.1 kg.
80	Files Set (2 Sets)	2	Very good quality

81	File Handles (1 Set)	1	Very good quality
82	Needle Files (2 Sets)	2	Very good quality
83	Pipe Vice (2 Pcs)	2	10-60 mm capacity
84	Mini Hacksaw (5 Nos.)	5	Very good quality
85	Ball Peen Hammer (5 Nos.)	5	Very good quality
86	Steel Shaft Claw Hammer (5 Nos.)	5	Very good quality
87	Nylon Mallet (5 Pcs)	5	Very good quality
88	Rubber Mallet (5 Pcs)	5	Very good quality: Minimum 1.5inch Diameter rubber hammer with wooden handle.
89	Allen Key Set (3 Sets)	3	Very good quality
90	Dremel multi tool kit (2 Nos.)	2	Dremel 3000-1/25: 130W motor, 10,000–33,000 RPM variable speed, includes 1 attachment and 25 accessories, suitable for cutting, sanding, grinding, and polishing.
91	Double ended spanner sets (2 Sets)	2	Very good quality
92	12 Piece Open ended Spanner Set (2 Sets)	2	Very good quality
93	Belt and Disc Sanding Machine (1 No.)	1	10" Disc Diameter, 1200 RPM No Load Speed, 1 HP Power, CI Material, Industrial Use, 240V, 150x1200 mm Belt Size, 50 Hz Frequency
94	Scroll Saw Machine (1 No.)	1	Minimum 16", 120 W, 50 mm cutting depth
95	Tool Wall covering Perforator (3 Pcs)	3	Very good quality
96	Dremel Moto Saw	1	Minimum 16", 120 W, 50 mm cutting depth
97	Bench Grinding Machine	1	Minimum 0.5 HP, 2880 RPM, 6 Inch, Single Phase
98	Power Return Measuring Tape (5 Nos.)	5	3m Power Return Inch Tape Measuring Tape
99	Tri Square 8" (5 Nos.)	5	minimum BLOCK PLANE 5.5 INCH (140 MM) WITH TRY SQUARE 8 INCH (200 MM) STEEL Hand Plane

100	Stainless Steel Rule (5 Nos.)	5	30 cm length
101	Digital Vernier Caliper (5 Nos.)	5	0-150 mm Stainless Steel Digital Vernier Caliper with LED Display, resolution 0.1 mm
102	Spirit Level (5 Nos.)	5	900mm Spirit Level with Magnet, SLM 1036, Accuracy: 1 mm
103	Dremel Cordless Rotary Tool	1	3.6V speed range 8000-25000 RPM speed, USB charging, lightweight design (~0.27 kg), and includes 5 accessories—ideal for light-duty, occasional use.
104	GPIO Power Router	1	GPIO Gateway 4G/5G Wi-Fi/Ethernet enabled
105	Sewing Machine	1	Heavy-duty speed control, and options like drop feed for free-motion sewing, buttonhole functions, twin-needle capability, and high-speed stitching (800-1100 SPM), 20+ stitch functions
106	Impact Drill (3 Units)	3	Bosch 600W, 13mm chuck
107	Ratchet Set (2 Units)	2	Bosch 46-Piece Ratchet and Socket Set
108	Router Bit Starter kit	1	carbide-tipped bits (straight, V-groove, spiral, ball nose) with 1/4" & 1/2" shanks for wood, plastic, and soft metal cutting
109	Scroll Saw	1	120W, 400–1600 RPM, 50mm cut depth, 0–45° tilt, variable speed
110	Hot Air Blower with Soldering Iron (5 Nos.)	5	minimum 100°C–450°C, 700W Hot Air Gun + 60W Soldering Iron
111	Tin Cutter with Spring (10 units)	10	STANLEY/TAPARIA/SPARTAN
112	Centrifugal Blower	1	1600rpm, 650w, 1.4kg
113	Screwdriver Sets (2 sets)	2	STANLEY/TAPARIA/SPARTAN
114	Cutting Mats (5 Nos.)	5	Size: 24 x 36 inches
115	Vacuum Cleaner (2 Nos.)	2	1100 W, min 15-litre capacity preferably BOSCH / EUREKA
116	Hot Air Gun- 5 Nos.	5	Black and Decker, 1800 W
117	Micrometer - 5 Nos.	5	Very good quality 0-25 mm range - (03), 25-50 mm range (02), 0.01 mm resolution
118	Glue Gun-5 Nos.	5	Very good quality
119	Air Compressor	1	Direct Driven Air Compressor, 50 Litres, 2.5 HP, pressure 115PSi, weight 36 Kg

120	Allen Set Wrench (5 set)	5	Very good quality (Standard Size)
121	Tongue and Groove Pliers (5 Pcs)	5	Very good quality (Standard Size)
122	Non-contact voltage tester (5 Pcs)	5	12V to 1000V AC, Sensitivity: Adjustable, with multiple levels, LED Display
123	Wire Stripper (5 Pcs)	5	Very good quality
124	Fish Tape (2 Pcs)	2	20 meters, coated fiberglass wire puller
125	Flashlights (2 Pcs)	2	Range: Up to 2 km, Rechargeable Battery, 4800mAh
126	DC Regulated Power Supply (3 units)	3	Input voltage type (AC or DC) and range, Efficiency of power conversion
127	Solder Wick (10 Pcs)	10	Battery: Rechargeable 4800mAh
128	Filament Dehydrator	1	Dry box 1.75mm, 2.85mm compatible PLA, PETG, TPU, ABS
129	Reflow Oven	1	Features: Zoom function, weather-resistant design
130	Glass Cutter	1	Diamond - pin
131	Gypsum (10kg)	10 kg	10 kg
132	Digital Multimeter (5 units)	5	2000-count digital LCD, DC Voltage 600mV/6V/60V/600V/1000V $\pm(0.5\%+2)$ AC Voltage 6V/60V/600V/750V $\pm(0.8\%+3)$ ACV Frequency 10Hz~10kHz $\pm (0.1\%+5)$ DC Current 60uA//600uA/6mA/60mA/600mA/20A $\pm(0.8\%+8)$ AC Current 60uA/600uA/6mA/60mA/600mA/20A $\pm(1\%+12)$ Resistance 600 Ω /6k Ω /60k Ω /600k Ω /6M Ω /60M Ω $\pm(0.8\%+3)$ Capacitor 6.000nF/60.00nF/600.0nF/6.000 μ F/60.00 μ F/600.0 μ F/6.000mF/60.00mF/100.0mF $\pm(3\%+10)$ Frequency 9.999Hz~9.999MHz $\pm(1.0\%+5)$
133	Clothes Iron (5 units)	5	1500 W
134	Oscilloscope (4 units)	4	ACV Frequency 10Hz~10kHz $\pm (0.1\%+5)$
135	C-Clamp (10 Pcs)	10	4" to 6"
136	Ratchet clamp 8 inches/200mm (10 Pcs)	10	8 inches/200mm
137	Baby Vice 60 mm (5 Pcs)	5	0-70 mm Jaw width

138	Bench vices (5 units)	5	75 mm fixed base
139	Anvil	1	50 Kg
140	Metal Scale	5	Metal Scale
141	9V Battery and Power Bank (12V and 1 Ampere)	20	9V Battery and Power Bank (12V and 1 Ampere)
142	12V/1 Amp Battery	20 Nos.	For Motor Connection
143	9V Adapter	10 Nos.	Arduino Connection
144	12V Adapter	10 Nos.	Uno Mega Connection
145	5v Adapter	10 Nos.	Esp32 Connection
146	Home Automation Sensor	10 Each	A.1 Dog Bark (Any Loud Noise) Sensor.
147		10 Each	A1.2 Washer-Dryer Sensor
148		10 Each	A1.3 Light Sensor.
149		10 Each	A1.4 Area Intrusion Monitor
150		10 Each	A1.5 Gas/Fire/Smoke Sensor
151	Industrial Automation Sensor	10 Each	B1.1 Temperature Sensors.
152		10 Each	B1.2 Pressure sensors
153		10 Each	B1.3 MEMS Sensors.
154		10 Each	B1.4 Torque Sensors
155	Agriculture Automation Sensor	10 Each	C1.1 Temperature and humidity sensor.
156		10 Each	C1.2 Soil moisture sensor.
157		10 Each	C1.3 Soil PH sensor.
158		10 Each	C1.4 Light sensor.
159		10 Each	C1.5 CO2 sensor.
160		10 Each	C1.6 Barometric pressure sensor.
161		10 Each	C1.7 Rain gauge
162	ESP32 (LTE, GPRS, and GPS) & 5G Module	5 Sets	ESP32 (LTE, GPRS, and GPS) Boards including USB A to B cable, male-male connecting wires, female-female connecting wires, male-female connecting wires & 5G Module
163			
164	HDMI Screen (5inch)	5 Sets	For pi Display with HDMI Cable WITH Power Cable.
165	LoRa Module Tx and Rx	5 Pair	LoRa Module Tx and Rx with Power Cable
166	Negative & Positive Power supply(12/5v/15)	5 Sets	Negative & Positive Power supply(12/5v/15)

167	Clamp Meter	5 Sets	Clamp Meter
168	Coil Winding M/C Motorized	1	Coil Winding M/C Motorized
169	Plotter-Printer	1	Sublimation Machine
170	HAM transceiver with peripheral equipment	1	Very good quality
171	Node MCU (ESP8266) Board	10	Boards including USB A TO B cable, connecting wires male-male /female-female /male -female
172	Raspberry Pi 5 set	5	8 Gb RAM
173	Beagle Bone AI for Artificial	5	Very good quality
174	Beagle Bone Black Wireless	5	Very good quality
175	Peripheral Set for Arduino / Node	10	Very good quality
176	ESP32 Cam Development Board WiFi+Bluetooth with OV2640 Camera Module	5	Very good quality
177	Solnoi Electronics Raspberry Pi Camera Module Night Vision Camera	5	Very good quality
178	Arduino UNO Boards	10	Boards including USB A TO B cable, connecting wires male-male /female-female /male -female

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 Jaypee Institute of Information Technology, Sector-128, Jaypee Wish Town Village, Sultanpur, Noida-201304, Uttar Pradesh, India. 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) or in hard copy form, 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 BoQ. 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. This will be exempted for MSMEs and startups under the Make in India policy.

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 26.08.2025 and 05:00PM to the email ID bajrang.bansal@jiit.ac.in or sent in hard copy to:

Jaypee Institute of Information Technology,
Sector-128, Jaypee Wish Town Village, Sultanpur, Noida-201304, Uttar Pradesh, India.
Contact: Bajrang Bansal, Jaypee Institute of Information Technology (0120-4195872)
bajrang.bansal@jiit.ac.in

Bajrang

