



Date : April 24, 2025

**Tender Notice / Inviting Quotations**  
**(for procurement of Equipment / Machines / Apparatus / Consumables etc.**  
**for Galgotias AICTE Idea Lab)**

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 **GALGOTIAS 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.

The terms and conditions applicable to all bidders participating in this tender for the supply, installation, and commissioning of equipment, tools, machines and consumables for the establishment of an AICTE IDEA Lab (for compliance at their end) are as per following :

**1. General Information**

- a) All equipment and materials must be delivered in the quantities and specifications as mentioned in the purchase order issued by the purchaser.
- b) The delivery location is Galgotias College of Engineering and Technology, Plot#1, Knowledge Park-II, Greater Noida.
- c) 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. Quotation Submission Guidelines**

- a) Quotations may be submitted either via email ([idealab@galgotiacollege.edu](mailto:idealab@galgotiacollege.edu)) or in hard copy form, as specifically mentioned in the tender notice.
- b) All quotations must be printed on the bidder's official letterhead and duly signed by an authorized representative.
- c) Each bidder is allowed to submit only one quotation per package; multiple submissions from a single bidder will lead to disqualification.
- d) Each bid must be complete in all respects and must include the following mandatory documents:
  - i. Detailed Profile of the Bidder, highlighting experience and key competencies.
  - ii. Copy of the Company/Firm Registration Certificate.
  - iii. Copy of valid GST Registration Certificate and Copy of valid PAN Card.
  - iv. An Escalation Matrix for service and after sales support.
  - v. Complete, signed, and stamped tender document including amendments and deviation sheets, if any.
  - vi. Declaration of agreed specifications on company letterhead, duly signed and stamped.
  - vii. A list of (say – three) institutional clients (with contact information)
  - viii. Any other documents in support of technical eligibility.

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- e) Further, Declaration/Affidavit (on ₹500/- Stamp Paper) regarding no blacklisting from IITs/NITs/Govt. Offices/PSUs/Autonomous Bodies is to be submitted at the time of negotiations / issuance of PO.

### 3. Technical Documentation and Compliance

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

- a) 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.
- b) 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

- a) 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.
- b) 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

- a) All bids will be evaluated on the basis of compliance with the technical specifications, completeness of submitted documentation, financial eligibility, price competitiveness, and/or brand reputation.
- b) 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

- a) 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.
- b) 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.

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#### 8. Payment Terms

- a) 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.
- b) 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

- a) No bidder shall be given preference based on category, class, or affiliation. The procurement may be extended to additional phases depending on availability of funds and institutional requirements.
- b) 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 **May 15, 2025, 04:30pm** to the email ID [idealab@galgotiacollege.edu](mailto:idealab@galgotiacollege.edu) or sent in hard copy to:

The Director  
Galgotias College of Engineering and Technology,  
1, Knowledge Park-II, Greater Noida – 201 310 UP

Contact Person : Mr. Amanpreet Singh Saini, Faculty Co-coordinator (AICTE IDEA Lab)  
M- 99532 35546 ; Email : [aps.saini@galgotiacollege.edu](mailto:aps.saini@galgotiacollege.edu)

(Dr. Brijesh Singh)

Director (Officiating)

Galgotias College of Engineering and Technology

#### Enclosures

- a) List of Equipment / Apparatus / Machines with Specifications

**Galgotias AICTE IDEA Lab, Galgotias College of Engineering and Technology,  
Greater Noida - 201 310**

*Please provide quotation for procurement of items / equipment / apparatus / machiens (as per prescribed specification; preferred model / make), mentioned hereunder, including GST. FOR will be the GCET Campus.*

Name of the Firm :

Contact Person Name :

Mobile :

S. No.	Apparatus / Equipment / Machine	Specifications (as per Tender Notice)	Preferred Make Model	Qty	Vendor Name		Remarks, if any
					Unit Price	Model / Make	
1	Vinyl Printer / Cutter	Dimensions: 50 cm x 15 cm x 15 cm or above ; Cut speed: up to 14.1 ips ; Max cut size using machine mat: 11.5 inch x23.5 inch or more		1			
2	3D Printer (FDM)	Printing Technology : FDM ; Printable Area: 256 x 256 x 256 mm or above ; Speed : 500 MM/Sec or above; Temperature : Hot end: Up to 300°C or above Heat bed: Up to 120°C. or above ; Connectivity: Wifi, USB drive, LAN, or internet ; Wi-Fi Module: Built-in ; Multi-Color Printing with Automatic Filament Management; Including 6 rolls (each of 1 kg , PLA+filament of 1.75 mm and compatible with printer) - of Blue, Red, Yellow, Black, White, Green colour (in total - 6 Kg PLA)	Bamboo Labs  P2S and H2C	1			
3	3D Printer (Resin)	Resin based 3D printer; Speed : 500 MM/Sec or above ; Printable Area: 256 x 256 x 256 mm or above; Connectivity: Wifi, USB drive, LAN, or internet; Materials : PLA, PETG, TPU, PVA, ABS, ASA, PA, PC, PET ; Include : 6 kg of compatible consumable mat.	Creality	1			
4	3D Scanner	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 sec or more Working; Effective Working Distance: 160-1400mm ; Scan Speed : 980,000points/s, up to 14FPS; Safety : Eye-safe Texture Scan : Yes ; Align Modes : Feature, Hybrid and Texture Alignment, Global Markers ; Interface : USB2.0 or above; Outdoor Scanning : Yes; Output Formats : OBJ; STL; PLY; P3; 3MF ; Scanning Environment: Indoor & 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	Creality	1			
5	Wood Lathe	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	Voltz 550 W Digital Readout VZ-WL-2.0	1			
6	Digital Microscope	7" LCD Digital Microscope; 1200X Magnification; 1080P Video Microscope with Metal Stand; 12MP Ultra-Precise Focusing; PC View; Windows/Mac OS Compatible; 8 Adjustable Lights	Microware 7" LCD 1200X Magnification	1			
7	Non - Contact voltage tester	Operating Principle : Senses the steady state electrostatic field produced by ac voltage through insulation without requiring contact to the bare conductor. A red glow at the tip indicates the presence of voltage ; Safety Compliance : Meets IEC 61010-1:2001, UL 61010-1 (2nd ed.), CAN/CSA-C22.2 No. 61010-1-04, and ISA-82.02.01 Pollution Degree 2 ; EMC Compliance : Meets IEC 61326-1:2006; Operating : 90 V ac to 1000 V ac, CAT IV 1000 V rated	Fluke	5			
8	AC Clamp Meter	400A ; Resistance range upto 4 k Ohm	Fluke 302+	1			
9	Reflow Oven	No. of Waves: 7 or higher; Heating Type: Infrared IC Heater; Max. PCB Width: 300x320 mm or more Power Supply: AC 220V / 50Hz; Peak Power: 1500W; Cycle Time: 1-8 min or less Temperature Range: 0°C-280°C	Enthu Tech T962A, 1500 W	1			
10	PA System	50 Watt; with 2 mic and 4 speakers; capable of USB / Pendrive / Bluetooth input	Ahuja	1			

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					Unit Price	Model / Make	
11	Bench Top Drilling M/c	Rating input: Max. 500 W ; Capacity: Steel: Min 13 mm (1/2") ; 5 or more speed modes	Makita Tb131, 250 Watt	1			
12	Power Tool # Belt and Disc Sander / Grinder	400W Electric Belt Grinder Sander 4"x 36" in; Belt & Disc Sander 6" Bench Sanding Machine With Speed Controller	VOLTZ VZ-BSH1510 New 400W	1			
13	Power Tool # Scroll Saw Machine	Input Power : 50W; Capacity Thickness of cut : 50mm ; Throat : 406mm; Speed : 6000 RPM Length of stroke 18mm ; Strokes per min. : 400-1,600 spm; Blade length 600mm;	MAKITA, 50W	1			
14	Power Tool # Dremel Moto Saw	Dremel Moto-Saw; MS20-1/5; 2in1 Compact Scroll Saw (70Watt), 1 Attachment, 5 Accessories	Dremel, MS20-1/5	1			
15	Power Tool # Cordless Rotary Tool	5 speed settings from 6500-28000 RPM; Min 35 Piece Accessory Set, Micro USB Charging	BLACK+DECKER BCRT8K3 5-B1 8V	1			
16	Air Compressor	50 Ltr and PU Pipe with Air Inflators (Set of 5 Pcs.)	Elephant 50 Lts	1			
17	Portable Welding Machine (TIG / MMA)	Single phase input of 220V ; Max Power - 7KVA; Suitable for TIG and MMA welding Welding Current # TIG- 10-210amp, MMA- 20-180amp. IGBT based inverter power source Meets international standard (IEC 60974-1); With 2.5m Input cable with plug fitted, 3m Electrode welding cable set, 3m Earth cable set, 3m TIG Torch, Collets Bodies, Nozzles	ESAB Xpert TIG 210i	1			
18	Advanced, motorized Sewing Machine	Computerized Sewing Machine; 197 Stitches & Built-in Alphabets; LCD Screen; 70W Motor; Metal Frame; Auto Needle Threader; Accessory Kit	Bernette sew&go 8	1			
19	Solder Stations	Soldering Power = upto 100 W; Soldering Temperature = Upto 180 degree C	Nvis, Hakko	4			
20	Soldering Station with Hot Air Gun	Soldering Power = upto 100 W; Soldering Temperature = Upto 180 degree C	Nvis, Hakko	1			
21	Soldering and Desoldering M/c	Soldering and Desoldering Station, Soldering Power = upto 80 W; Desoldering Power = upto 70 W	Nvis, Hakko	1			
22	Portable Welding M/c (ARC)	Single phase portable 200A MMA inverter welding machine; Rated Input Power: 7.3 KVA, Current Range: 20 - 200A; Electrode Size recommended: upto 4.00mm, With Input cable, Welding Cable set with Electrode Holder, Earth Cable set with Earth Clamp	ESAB Arc 200i (IGBT)	1			

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					Unit Price	Model / Make	
23	Manual Drilling Machine	1/4-INCH CHUCK FOR VERSATILE DRILLING – Accommodates standard drill bits for working with wood, plastic, aluminium, and soft metals ; With 13 Pc HSS Drill Bit Set		2			
24	PCB Drilling Machine (Manual)	50Pcs USB Rechargeable Rotary Tool Kit, 3.7V Cordless Mini Drill Machine with LED Light, 5-Speed Adjustable Motor for Engraving, Polishing & Soft Material Drilling (TRINITY (A) High Speed) Make: Crescent		5			
25	Granite Surface plate	Minimum Size = 630x630x80 mm		1			
26	Clothes iron (Dry)	Upto 1.5 KW	Havells Dry Iron Dazzle 1100 Watts	3			
27	Clothes iron (Steam)	Non-stick soleplate; Powerful 17gm/min steam output ; Max. 1500 W Quick heat-up	Philips Steam Iron GC1905/21	1			
28	Clothes iron (Heavy Weight)	Upto 1000W 2KG Heavy Weight Dry Iron	Rico 1000W 2KG	1			
29	Filament Dehydrator	3D Printer Filament Dryer , 360° Hot-air Circulates Heating, Compatible with 1.75/2.85mm PLA PETG ABS TPU Material	Creality Official 3D Printer Filament Dryer Box 2.0	1			
30	Hot Air Gun	For Removing & Drying Paint Coats, Remelting Adhesives & Shrink Wrapping, 1800 Watts	BLACK+DECKER Kx1800	4			
31	Magnifying Glass with Stand	Magnifying Lamp Table Clamping, 8 Diopter Magnification with External arm Springs	VAR TECH 228 L II	2			
32	Vernier Caliper	0-200 mm	Mitutoyo Other	4			
33	Digital Vernier Caliper	0-200 mm	Mitutoyo Other	1			
34	Vernier Height Gauge	0-300 mm	Mitutoyo Other	2			
35	Vernier Depth Gauge	0-300 mm	Mitutoyo Other	2			
36	Micrometer	0-50 mm	Mitutoyo Other	2			

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					Unit Price	Model / Make	
37	Digital Micrometer	0-50 mm	Mitutoyo Other	1			
38	Diagonal Cutter	160mm (6") Diagonal Cutters with Soft-Grip Handle, Induction-Hardened Blades, with Matt Chrome Nickel-Plating		5			
39	Cutting Mats	A2 Cutting Mat Self Healing Sewing Mat, 3 mm thickness, 18" x 24" Rotary Cutting Mat 5-Layer Craft Board for Sewing, Quilting, and Scrapbooking Crafts Hobby Project Leather		7			
40	Glue Gun	300 Watts Multi-Temperature Electric Hot Melt Glue Gun With 5 Super Strong Gumming Glue Sticks		5			
41	Fish Tape	Electrical Fish Tape Flexible Professional Easy To Install Wire Pulling Tool Green		2			
42	Sealing Tape	Multiseal, Self-Adhesive tear-resistant sealing tape, Grey, 4 Inches x 9.84 Ft (10 cm x 3 Mtr)		2			
43	Flashlights	LED Mini Cob Keychain and Magentic Flashlight Portable USB Rechargeable Light, 3 Light Modes with Folding Bracket, Black, 1000 Lumen		20			
44	Solder wick	5 Feet, 3 mm		10			
45	Bottle Glass Cutting Kit	12Pcs Glass Bottle Cutter Tool Kit		2			
46	Glass Cutter	130mm/5/1/8" Glass Cutter		2			
47	Flat End Breaker Pliers	8 Inch ; Non-Slip Handle, Breaking / Cutting Glass Pliers	Bosch / Taparia	2			
48	Tile Divider Glass Separation Tool	Tile Glass Breaking Pliers, Tile Cutter Opener, Manual Tiles Breaking Plier, Glass Tile Nippers, opening pliers, Mosaics Strong Breaker, Splitting Glass, Tile Divider Glass Separation Tool		2			
49	Pegboards	Approx 12 Inch size (Metal = 2 and Plastic = 2)		4			
50	Goggle	For Welding,		5			
51	Apron	Industrial Standard Make		5			
52	Gloves Pair	Industrial Standard Make		5			
53	Electronic weighing machines	Electronic weighing machines ; 0.01G to 200G Small		1			
54	Electronic weighing machines	upto 10 Kg		1			
		<b>TOTAL</b>					
		<b>Discount (%)</b>					
		<b>Cost after Discount</b>					

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