# INDIAN INSTITUTE OF INFORMATION TECHNOLOGY DESIGN AND MANUFACTURING KURNOOL
## Jagannathagattu, Kurnool-518008.

Date: 23.09.2026

Sub: Amended Invitation for quotation for procurement of **"List of Equipment"**

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Indian Institute of Information Technology Design and Manufacturing Kurnool invites bids for procurement of **"List of Equipment" (List of equipment are given in Schedule-E)**

**A. Quotation submission procedure:**

The bid is to be submitted in soft copy by Email in Pdf Protected files at the following mail id – dir.kite@iiitk.ac.in .

No manual document will be accepted. All documents should be submitted by email Password Protected PDF File. The subject of the mail should be "Bids for procurement of **List of Equipment"**. Bidders can submit for only one equipment listed or all equipment listed; evaluation bids would be done on individual items. The covering mail should indicate the contact details i.e. Mobile Number of the bidder. The password will have to be revealed only on communication from IIIDM mail (dir.kite@iiitk.ac.in ) on the date & time of Opening of bid. The mail will be sent for password at the time of opening of bids. The bids shall be opened on ~~29th September 2026~~ 1st October 2026 at 3PM. Interested bidders may attend the opening of the bid. The bids will be opened and evaluated by the Committee appointed by Institute.

**B. Terms and conditions:**

1. The bidders need to send the Quotations by email to above mentioned emails.

2. The soft copy of the quote should be password protected. The mobile number of the signatory on the quotation should be mentioned in the email, who will be contacted for the password at the time of opening of the quotation. Passwords will not be revealed before that by the bidder.

3. Last date & time for submission of quotations is on or before ~~29th September 2026~~ 1st October 2026 at 2PM.

4. Eligibility Criteria:
   a) Bidder shall have supplied same product with similar specifications to reputed Educational Institutes/Companies. Copy of Contract/P.O. shall be submitted as proof.
   b) Bidder shall submit a copy of self-attested GST Registration certificate.
   c) Compliance of the Technical Specifications and terms & conditions: A self-declaration on the letterhead of the bidder stating that they comply with all the required technical specifications and the terms & conditions.
   d) Bidders shall have OEM Authorisation and a self-attested copy is to be attached.
   e) Compliance of GFR Rule 144 (xi): The bidder shall not be from a country sharing land border with India and if the bidder is from a country sharing land border with India the bidder should have been registered with the competent authority as per orders of DIPP OM No. F. No. 6/18/2019-PPD dated 23rd July 2020, and MoCI Order No. P-45021/112/2020-PP (BE II) (E-43780) dated 24th August 2020 and subsequent amendments/orders. A declaration shall be submitted with the bid as per format given in Annexure–1.

**Additional Terms and conditions :**

i. Scope: **Supply, Installation & Commissioning**
ii. **Warranty: _minimum one year_**
iii. Offer validity: **30 days**
iv. Material to be delivered within **45 60** days from the day of issue of P.O. LD charges@1% per week or part thereof for delay in supply shall be applicable when Delivery Period extension is given.
v. Prices shall be inclusive of all taxes & charges for IIITDM Kurnool.
vi. Original GST Invoice duly signed and stamped are to be submitted.
vii. Payment will be made **within 15 days** from the date of final acceptance of the material.
viii. For evaluation of offers, **item wise comparison** will be carried out.
ix. Bidders can submit quote for one item or all items and shall submit their quote considering scope and all the terms & conditions, additional charges of any kind will NOT be paid.
x. This bid is also governed by latest GTC issued by GeM.

**C. Format of Quotation: Bidders shall submit quotation as per given format in Annexure – 3.**

**D. List of Equipment with specifications (One can send quotation for one or all equipment; evaluation would be done for individual item-wise)**

### Item 1: 3D Printer with Build Volume

| Specification | Value |
|---|---|
| **Print Technology** | Fused Filament Fabrication (FFF)/ Fused Deposition Modeling (FDM) |
| **Build Volume** | 500 mm × 500 mm × 500 mm (Minimum) |
| **Layer Resolution** | 0.08 ,0.1, 0.2 / 0.3 / 0.4 mm (Possible layer resolution) |
| **Dimensional Tolerance** | ±0.1 mm |
| **Print Speed** | Range 40 – 120 mm/sec |
| **Extruder Temperature** | Minimum 280 °C |
| **Printbed Temperature** | 120 °C |
| **Nozzle Size** | 0.5 mm (standard), changeable options: 0.3 ,0.4, 0.6,0.8 mm |
| **Heatbed** | Yes (Aluminum Printbed) |
| **Build Platform** | Operating control enabled |
| **Filament Diameter** | 1.75 mm |
| **Filament Compatibility** | ABS, PLA, Flexible TPU, PETG, Carbon Fused Composites, ASA, PP, HIPS, Nylon |
| **Control Interface** | Touch Screen Control |
| **Warranty** | 1 Year |

### Item 2: CNC Router

| Specification | Value |
|---|---|
| **Working Area** | Suitable for standard large-format applications, approximately 4 × 8 ft |
| **Spindle** | Air-cooled metal spindle with variable speed control maximum 25,000 RPM |
| **Motor & Drive System** | Stepper motor and drive system with suitable braking arrangement |
| **Rapid speed** | High-speed movement suitable for efficient operation (At least 40,000 mm/min) |
| **Working speed** | Adjustable working speed as per material and application (At least 20,000 mm/min) |
| **Transmission System** | Hardened rack and pinion system of approximately 1.25 module or equivalent |
| **Gearbox / Drive** | Timing belt-based gearbox/transmission system of suitable specification |
| **Work Table** | Standard T slot Aluminium Profile |
| **Control System** | Compatible with standard G-code and M-code |
| **Software Support** | Compatible with commonly used CNC design/CAM software, such as ArtCAM, VCarve or equivalent |
| **Lubrication** | Manual lubrication system |
| **Power Supply** | 220–240 V, single-phase, 50 Hz or suitable equivalent |
| **Tools & Accessories** | Standard tools and essential accessories to be included |
| **Voltage Stabilizer** | At least 7.5 KVA capacity or suitable capacity as required |
| **Dust Collection** | Single-stage dust collection system |
| **Warranty** | 1 Year |

## Item 3: CO2 Laser Cutter

| Specification | Value |
|---|---|
| **Working Area** | Suitable for medium to large-format applications, approximately 3 × 4 ft or more |
| **Laser Type & capacity** | Sealed $CO_2$ laser tube with approximately 100 W or higher capacity |
| **Laser Power** | At least 100 W or suitable equivalent |
| **Exhaust Systems** | Suitable exhaust blower/system for efficient smoke and fume removal |
| **Motor & Drive** | Stepper motor with compatible drive system |
| **Cooling System** | Water cooling system with suitable protection/safety features |
| **File Format** | Support for commonly used graphic and design file formats |
| **Material Support** | Suitable for cutting and engraving a wide range of materials such as acrylic, wood, MDF, leather, paper, fabric, foam, glass, stone and compatible plastics |
| **Stabilizer** | Suitable-capacity voltage stabilizer, approximately 3 KVA or higher |
| **Optical Components** | Suitable focusing lens and laser mirrors compatible with the machine |
| **Accessories & Consumables** | Essential consumables and accessories, including cleaning solvent and sample acrylic sheets, to be supplied |
| **Warranty** | 1 Year |

## Item 4: Table Top Bench Drilling machine

| Specification | Value |
|---|---|
| **Speed Control / Gearbox** | Multi-speed gearbox with approximately 5 or more speed settings (500 to 2500 RPM) and adjustable operating speed |
| **Adjustable Worktable** | Height-adjustable and tiltable worktable, approximately 150 × 150 mm or larger, with angular adjustment capability |
| **Safety Mechanisms** | Emergency stop facility, protective safety cover and suitable safety interlock mechanisms |
| **Depth Control** | Adjustable drilling depth stop for consistent drilling operations, with approximately 50 mm or more drilling depth |
| **Stable Construction** | Heavy-duty and stable base (preferably Cast Iron) suitable for secure mounting on a workbench |
| **Power Input** | Approximately 300 W or higher |
| **Mains Voltage** | Suitable for standard 220–240 V, 50 Hz single-phase supply |
| **No-Load Speed** | Variable speed range of approximately 500–2500 RPM or suitable equivalent |
| **Chuck Capacity** | Keyed chuck with capacity of approximately 10 mm or higher |
| **Spindle Taper** | Suitable standard spindle taper compatible with the machine chuck |
| **Max. Drilling Depth** | At least 50 mm or more |
| **Total Height** | Approximately 600 mm or suitable equivalent |
| **Weight** | Suitable for heavy-duty construction |
| **Warranty** | 1 Year |

**Annexure – 1**

**(To be given on the letterhead of the bidder)**

No._____ Dated: _____

**CERTIFICATE**

*(Bidders from India)*

I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India and hereby certify that Our Company/I am not from such a country.

**OR *(whichever is applicable)***

*(Bidders from a Country which shares a land border with India)*

I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India and hereby certify that I from _____ (Name of Country) and the Company has been registered with the Competent Authority. I also certify that I fulfil all the requirements in this regard and is eligible to be considered. *(Copy/ evidence of valid registration by the Competent Authority is to be attached)*

Place: Signature of the Tenderer
Date: Name & Address of the Tenderer with Office
Stamp

**Annexure – 3**

## Quotation format

(ON letterhead of vendor)

Name of the Vendor:
GST No.:
Address:

Contact No.
Email ID:

| SI. No. | Description of the required items with specifications | Product Quoted (Make and Model along with specifications) * | Qty | Unit Price inclusive of GST | GST % | Total (Inclusive of GST) |
|---|---|---|---|---|---|---|
| 1. | The 3D printer shall use FFF/FDM technology with a minimum build volume of 500 × 500 × 500 mm, layer resolution of approximately 0.08–0.4 mm, dimensional tolerance of ±0.1 mm, and print speed of approximately 40–120 mm/sec. It shall have an extruder temperature of at least 280°C, heated aluminium print bed up to approximately 120°C, interchangeable nozzles including 0.5 mm standard with options from 0.3–0.8 mm, and controlled build-platform operation. The printer shall use 1.75 mm filament and support materials including ABS, PLA, TPU, PETG, carbon-fibre composites, ASA, PP, HIPS and Nylon, with a touch-screen control interface. | | **1** | | | |
| 2 | The CNC router shall have a 4 × 8 ft or equivalent working area, air-cooled metal spindle with variable speed up to approximately 25,000 RPM, stepper motor and drive system with braking arrangement, rapid speed of at least 40,000 mm/min, and working speed of at least 20,000 mm/min. It shall include a hardened rack-and-pinion transmission (approximately 1.25 module or equivalent), timing-belt gearbox/drive, standard T-slot aluminium profile work table, and support G-code/M-code with commonly used CNC/CAM software such as ArtCAM, VCarve or equivalent. The machine shall have manual lubrication, operate on 220–240 V, single-phase, 50 Hz, and include standard tools and accessories, a 7.5 KVA or suitable voltage stabilizer, and a single-stage dust collection system. | | **1** | | | |
| 3 | The $CO_2$ laser cutting/engraving machine shall have a working area of approximately 3 × 4 ft or more, sealed $CO_2$ laser tube with approximately 100 W or higher capacity, and laser power of at least 100 W. It shall include a suitable exhaust blower/system, stepper motor with compatible drive, water-cooling and protection system, and support commonly used graphic/design file formats. The machine shall be suitable for cutting and engraving acrylic, wood, MDF, leather, paper, fabric, foam, glass, stone and compatible plastics. The system shall include a suitable voltage stabilizer of approximately 3 KVA or higher, $CO_2$ focusing lens, laser mirrors, and essential accessories and consumables including cleaning solvent and sample acrylic sheets. | | **1** | | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| 4 | The drill press shall have a multi-speed gearbox with approximately 5 or more speed settings, covering approximately 500–2500 RPM, with adjustable speed control. It shall include a height-adjustable and tiltable worktable of approximately 150 × 150 mm or larger, with angular adjustment capability, along with an emergency stop, protective safety cover and safety interlocks. The machine shall have an adjustable drilling depth stop with approximately 50 mm or more depth, a heavy-duty stable base, preferably cast iron, suitable for secure workbench mounting, and a motor power of approximately 300 W or higher. It shall operate on 220–240 V, 50 Hz, single-phase supply, provide a variable no-load speed range of approximately 500–2500 RPM, and have a keyed chuck of approximately 10 mm or higher capacity with a suitable standard spindle taper. The maximum drilling depth shall be at least 50 mm, with an overall height of approximately 600 mm or equivalent, and a robust construction suitable for heavy-duty operation. | | **1** | | | |
| | | | | | Total Price (In figures): | |
| Total Price (In words): | | | | | | |

* Attach a separate sheet, if required

Sign & Stamp of vendor