



**KAMLA NEHRU INSTITUTE OF TECHNOLOGY,
SULTANPUR (U.P.) 228118
NOTICE INVITING QUOTATION**

(Under National Shopping of TEQIP-III for Mechanical Engineering Lab and Central Facility)

1. Sealed Quotation are invited from the original Equipment manufacturers (OEM)/Reputed Firm/Distributors/Authorized Dealers with valid GST No. and PAN for Supply of Laboratory Equipments for Mechanical Engineering Department and Software Central Facility.
2. Quotations for All Packages can be submitted on or before **27/03/2020 up to 15.00 hrs** and will be opened on same day i.e. on **27/03/2020 at 15.30 hrs**.
3. Quotations can be submitted using downloaded forms available on the Institute website, along with a Bank Draft Earnest Money Deposit (EMD).
4. Institute reserves all rights to reject any one or all quotations without assigning any reason thereof.

**For EMD, Specifications, Tender Document and other details visit our website: www.knit.ac.in
DIRECTOR**



KAMLA NEHRU INSTITUTE OF TECHNOLOGY,

SULTANPUR (U.P)- 228118

Phone & Fax - 05362-240454

INVITATION FOR

QUOTATION

(Under National Shopping of TEQIP-III for Mechanical Engineering Department and Central Facility)

You are invited to submit your most competitive quotation for the following goods with item wise detailed specifications. Sealed and separate quotations for the different packages of various departments are invited for supply of items along with earnest money deposit (EMD) in the shape of Demand Draft of PNB/SBI/BOB/BOLLD/CBI/UBI in favour of Director KNIT Sultanpur Avadh (UP).

Quotation opening schedule: Quotations can be submitted on or before **27/03/2020 up to 15:00 hrs** and will be opened on same day i.e. on **27/03/2020 at 15:30 hrs** in the **committee room of the Institute.**

GENERAL INSTRUCTIONS

1. Government of India has received a credit from the International Development Association (IDA) towards the cost of the **Technical Education Quality Improvement Programme [TEQIP]-Phase III** Project and intends to apply part of the proceeds of this credit to eligible payments under the contract for which this invitation for quotations under National shopping is issued.
2. Each downloaded duly quoted package should be submitted along with nationalized/scheduled bank demand draft of appropriate amount as an Earnest money deposit (EMD) in favour of “**Director, K.N.I.T. Sultanpur (UP)**, (as amount mentioned in each package, @2% for each package), else bid(s) is/are liable for rejection in to. **Separate draft of EMD** should be for each package. **Earnest Money Deposit (EMD) in the shape of only Demand Draft will be accepted.** EMD of successful firm shall be retained as performance security. The performance security deposit shall be refunded within one month of the completion of supply of goods/ works or after the expiry of defects liability/ guarantee/ warranty period (as mentioned above). The performance security deposit may be forfeited in case any terms and conditions of the contract are infringed or the bidder fails to make complete supply satisfactorily or complete the work within the delivery/completion period agreed in the contract without prejudice to the purchaser’s right to take further remedial actions in terms of the contract and bidding documents which formed part of the contract.
3. Supplier(s)/Bidder(s) should be manufacturer/distributor/dealer/authorized firm of the mentioned product(s)/goods and should submit the copies of ST No., company/firm registration or equivalent registration with the Central/State Government of India if any. Copies of OEM / Latest authorized dealership certificate for respective items should be enclosed.
4. The quotation(s)/bid(s) shall be sent in sealed envelope either by courier / post or in person only, within stipulated time period given in the respective package/bid document. The Package no. should be clearly mentioned on the left side corner of the sealed envelope. The bid(s)/quotation(s) shall be submitted to the office of the **Coordinator (Procurement), TEQIP-III Cell, K.N.I.T. Sultanpur-228118 (UP)** before the stipulated date and time. Bidder(s) should ensure that the bids submitted should reach well within stipulated day and time. Delay in submission of bid(s) for whatsoever reason will not be considered. Such bids are liable for rejection.
5. For the suppliers quoting for more than one package, the quotations should be submitted separately in separate envelope along with separate EMD of appropriate amount.
6. Prices quoted should be inclusive of all taxes. Rate should be quoted “FOR” K.N.I.T. Sultanpur – 228118 (UP). Rate should be quoted in Indian Rupees **inclusive** of all Taxes, Duties, Transportation, Insurance, Installation, Commissioning etc. All duties and other levies payable by the supplier under the contract shall be included in the unit price. Break up of applicable taxes shall be quoted separately for all items.

7. Information brochures/ Product catalogue, if any must be accompanied with the quotation clearly indicating the model quoted for.
8. The Prices should be quoted in Indian Rupees only. Format for submission of quotation is in Annexure-I.
9. The contract shall be for the full quantity as described above. Corrections, if any, shall be made by crossing out, initialing, dating and re writing. Signature of the Supplier should be there on every page of the bid.
10. The prices quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account. Quotation shall remain valid for a period not less than **60**days from date of opening.
11. Evaluation of Quotations: The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which are properly signed; and confirm to the terms and conditions, and specifications. The Quotations would be evaluated for all items together for each package.
12. Award of contract: The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.
 - (i) Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.
 - (ii) The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the purchase order.
13. Payment shall be made in Indian Rupees as follows:
Satisfactory Delivery Installation - 80% of total cost
Acceptance-20% of total cost
14. All supplied items should be under warranty of **12 months** from the date of successful acceptance of items.
15. Commissioning / Installation is at suppliers cost. Supplier should provide free demonstration for the equipment / item provided and training, if necessary. At least one hard copy/soft copy (CD) of working manual of each equipment/item(s) should be provided during the supply of goods at free of cost.
16. Conditional Bid(s)/Quotation(s) will not be accepted. Any breach of term(s) of contract at any stage and/or non-execution of firm Purchase Order by the supplier(s)/Bidder(s) shall be lead to forfeiture of Earnest money deposit(s).
17. All legal disputes are subjects to the jurisdiction of **Sultanpur (UP)** court only.
18. Right to accept or reject any bid or all bids without assigning any reason is reserved with the Institute (or Purchaser).

Sd/-

Coordinator (Procurement)

On behalf of the

Director, K.N.I.T.Sultanpur (UP) – 228118

Annexure-I
FORMAT FOR QUOTATION SUBMISSION
(In letterhead of the supplier with seal)

Date: _____

To:

The Director,
K.N.I.T. Sultanpur-228118(UP)

| S. No. | Description of goods (with full Specifications) | Qty | Unit | Quoted Unit rate in Rs. (Including Ex Factory price, excise duty, packing and forwarding, transportation, insurance, other local costs incidental to delivery and warranty/ guaranty commitments) | Total Price (A) | Sales tax and other taxes payable | |
|-------------------|--|-----|------|---|-----------------|-----------------------------------|----------------|
| | | | | | | In % | In figures (B) |
| | | | | | | | |
| Total Cost | | | | | | | |

Gross Total Cost (A+B): Rs. _____

We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs. _____ (Amount in figures) (Rupees _____ amount in words) within the period specified in the Invitation for Quotations.

We confirm that the normal commercial warranty/ guarantee of _____ months shall apply to the offered items and we also confirm to agree with terms and conditions as mentioned in the Invitation Letter.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery.

Signature of Supplier

Name: _____

Address: _____

Contact No: _____

KAMLA NEHRU INSTITUTE OF TECHNOLOGY, SULTANPUR

Mechanical Engineering Department- TEOIP-III

Package Name- KNIT/MED/3DPrinter/NS-68

Earnest Money Deposit (EMD) – Rs. 58,000=00
Delivery Period—17 days

| S.No. | Item Name | Item Description/Specification | Quantity |
|-------|-------------------|--|----------|
| 01 | 3D Printer | <p>Build printing size : 400mm * 300mm * 400*300*500mm (1mm=0.03937inch) or more</p> <p>Technology: Fused deposition modelling (FDM) / fused filament fabrication technology</p> <p>Extruder/nozzle nos.: 0.4mm single nozzle (single extruder, single colour)</p> <p>Device dimension: Min 690mm * 600mm * 690*600*1000mm</p> <p>Minimum achievable layer thickness should be close layer thickness: 0.05 - - 0.3mm</p> <p>Min resolution: 50 microns or better</p> <p>The printing speed should be 170 mm/s or more</p> <p>Nozzle temperature : 0-275° heat bed temperature : 0-110° ac input: 110v/220v, 50/60hz</p> <p>Power: 750W750w or more</p> <p>File type supported: STL, OBJ, G-CODE.</p> <p>Printing filament: PLA, ABS, TPU, NYLON, FLEXIBLE ETC</p> <p>Filament material: PLA, ABS, TPU, NYLON, FLEXIBLE ETC</p> <p>Filament diameter: 1.75 mm</p> <p>Frame material : required high-end stainless steel.</p> <p>Connectivity: USB /SD CARD</p> <p>Display & controller is a must feature, it should be with min 5.0-inch LCD touch screen.</p> <p>Language: multilingual preferred or at least if one language it should be in English.</p> <p>User interface: dedicated display on system</p> <p>Heating bed: 10 mmmin 10mm thickness aluminium heating bed</p> <p>For better functioning of printer UPS (Uninterruptible Power System) is a must required feature.</p> <p>UPS: UPS (Uninterruptible power system) inbuilt support: Must required.</p> <p>Travel Fully Linear Guide Rail</p> <p>14 MP HDMI USB Digital Video Inspection Camera system</p> <p>1/2.3 Inch Panasonic 14.0 Megapixel CMOS sensor, Support HDMI OUTPUT, Support multi-color Cross cursor, Support Horizontal & vertical lines, Support Freeze image ,Support OSD, Support contrast, Support Edge enhancement, Support Digital noise reduction , Support USB 2.0, Support TF card optional, up to 32G, Support for video recording , Must include software for Measurement of 3D models, should have stand base, rotating sleeve, focus arm, hand wheel, camera eyepiece, focusing hand wheel, pillar.</p> <p>Softwares and drivers: Operational softwares will be required for the bidder to supply alongwith the 3D printer, 3D printing enables you to produce complex shapes using less material than traditional manufacturing methods.</p> <p>4MCAD PRO (Professional) train students on features CAD Viewing & Printing plus adding texts & dimensions, 2D/3D CAD Complete design ,raster Image, Rendering, BIM/IFC ,3D Solids and support using Library Manager.</p> <p>4MCAD PRO (Professional)for cad designing software along with Cura (supports 3d printer)-50 license should be supplied along with the package 01 license of empire xpu should be supplied so that to export the .dxf file can</p> | 01 |

| | | | |
|-----------|--------------------------|--|-----------|
| | | <p>be exported from empirexpu and hence forward to cura software and finally to the 3d printer for the prototype.</p> | |
| <p>02</p> | <p>3D Scanner</p> | <ol style="list-style-type: none"> 1) Measurement accuracy: ≤ 0.1 mm; single side scanning accuracy: ≤ 0. 2) Point distance 0.12mm 3) Single side measurement range: 200 × 300mm 4) Scanning time: ≤ 2 min; 5) Single side scanning time: 5 s; 6) Camera resolution: 13 million pixels; 7) Projection resolution: 1080P; 8) Light source: White light; 9) Splicing mode: automatic scanning of turntable, free scanning, stitching of mark points; 10) scanning of turntable Range : 200mm × 300mm × 250mm, free scanning: 1000mm × 1000mm × 1000mm; 11) Output data: should output single-angle point cloud, multi-angle point cloud, triangulation package patch; without the help of third-party software, package STL can be directly 3D printing; 12) Support RGB24 bit true color model output; 13) Output data format: STL, OBJ, PLY, ZX3D; 14) Turntable size: 200 × 50 (mm) 15) should have own lithium battery with capacity ≥ 6000 mah, standby time ≥ 48 hours and continuous operation for more than 2 hours. 16) Working mode: probe should have its own model calculation and display function, without connecting to PC. At the same time, support cloud computing and local area network computing; can support one computer as a local server, support multiple scanners scanning at the same time. 17) Can provide secondary development SDK 18) Operating system: Android 7.1; 19) full-color 7-inch capacitance touch screen with a resolution of 1920 x 1200. 20) Software functions: * Fully independent development of software (including three-dimensional data acquisition, automatic splicing and fusion, post-processing and other functions); * Automatic splicing of turntable: for objects of different shapes, users can automatically set the number of scans to ensure the accuracy and integrity of the final model; * Automatic photometric measurement: the software can carry out one-button automatic photometric measurement to adapt to the changes of the environment and the difference of objects, so as to ensure the measurement accuracy. * Multiple scanning fusion: complex shape objects, users can scan multiple times, the software will automatically merge it into a complete model; * Smoothing processing: users can smooth the scanning results according to their needs. * Multiple scanning modes: software support single angle, multi-angle measurement, support point cloud, patch, package data export; 21) List of equipment: 1 set of 3D scanning probe, 1 set of bracket, 1 set of high precision rotating table, 1 set of calibration plate and bracket, 1 set of mounting positioning pad, 1 connecting line and 1 packing box. 22) Extended function: support 3D model AR photography function; probe with projection, support teaching projection. 23) Quoted product model should have been certified by FCC,CE and Rohs. | <p>01</p> |

Additional Important terms and conditions (For Package No. KNIT/MED/3DPrinter/NS-68 only):

1. Relevant and valid product dealership authorization letter from OEM/principals for all the above packages must be attached including 3D Printer, 3D Scanner and authorized distributor letter of software 4MCAD PRO and EMPIRE XPU.
2. Information brochures/product relevant literatures/product catalogue must to be attached mentioning all asked specifications, clearly indicating the model quoted for as per tender specifications.
3. Warranty: Warranty for 1 year from the date of commissioning of equipment.
4. Installation and commissioning: Free of cost by vendor. Onsite training.
5. Pre order demonstration may be called at our campus to verify and match the complete asked specifications. If the bidder failed to demonstrate their quoted products as per tender specifications within given specific time, college has the right to technically disqualify/reject that bidder and call next lowest bidder for demonstration for quoted product.
6. All items should be quoted as a single package cost.

KAMLA NEHRU INSTITUTE OF TECHNOLOGY, SULTANPUR

Central Facility- TEOIP-III

Package Name- KNIT/CF/MSSOffice/NS-69

| Earnest Money Deposit (EMD) – Rs. 14,500=00 | | | |
|---|------------------|--|----------|
| Delivery Period—17 days | | | |
| S.No. | Item Name | Item Description/Specification | Quantity |
| 1 | Microsoft Office | <p>Microsoft Office 365 with EduCloud (Min. 200 Users) for Students & Faculties) with upgrade and Intune.</p> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <p><u>A. Office 365 Pro Plus for Entire Campus:</u></p> <p>Microsoft is providing Office 365 Pro Plus at under this package for students all FREE. Office 365 Pro Plus covers following tools: 1. MS Word™,</p> <ol style="list-style-type: none"> 1- MS Excel™, 2- MS PowerPoint™ 3- MS SharePoint™, 4- MS Teams™, 5- MS OneNote™, 6- MS Sway™, 7- MS Delve™, 8- MS Office Mix™ 10. Skype for Business, 11. Yammer, <p><u>B. One Drive (1TB Storage Free on cloud), 50GB mailbox free</u> One TB free storage with 50 GB mail Box on cloud will be in the scope of supply</p> <p><u>C. Windows 10 Education Upgrade for Entire Campus:</u> Latest Window Platform with Upgrade (Note - Under downgrade right we can also use till Windows 7) will be under scope of Supply</p> <p><u>D. Microsoft Intune-</u> Microsoft Intune is a mobile device Management tool to monitor the Lab PC's (Desktop or Laptops) and in preparing Our institution for Tablets Devices when our institute eventually takes this initiative, thus being future proof. It is also under scope of Supply</p> </div> | 01 |

Additional Important terms and conditions (For Package No. KNIT/CF/MSSOffice/NS-69 only):

1. Company must have closed minimum 3 or der of Microsoft under TEQIP-3.
2. MAF is required for participation.
3. Microsoft AEP certification valid on MEPN portal.
4. Start-up India recognition will be given priority, must have DIPP number.