



No: CUK/ Tender/2018-19/T-AFM/

Date: 27.03.2019

**TENDER NOTICE FOR SUPPLY AND INSTALLATION OF  
PORTABLE TABLE TOP ATOMIC FORCE MICROSCOPE  
(THROUGH E-PROCUREMENT MODE)**

Online bids are hereby invited for and on behalf of Central University of Karnataka, for supply, delivery and installation of **Portable Table Top Atomic Force Microscope** to Central University of Karnataka (as per Annexure-1) as briefly described hereunder:

1.	Name of the Equipment	Supply, delivery and installation of <b>Portable Table Top Atomic Force Microscope</b> (as per Annexure-1).
2.	Bid submission mode	Online through e-procurement mode on Central Public Procurement Portal. <b>Two packet system:</b> Packet 1 -Techno-Commercial Bid and Packet 2 –Financial Bid.
3.	Earnest Money Deposit Rs. 45,000/-	A/c payee Demand Draft or bankers cheque payable at Canara Bank Kadaganchi in favor of “ <b>Central University of Karnataka</b> ”, Payable at Kalaburagi. The DD should be sent to “The Registrar, Central University of Karnataka, Kadaganchi -585367, Kalaburagi District” in sealed envelope by superscribing as “ <b>EMD for supply of Portable Table Top Atomic Force Microscope</b> ”. The EMD payment should reach the university before the date and time of opening bid. <b>OR</b> Online payment Account Number: 5109101000001 Bank: Canara Bank IFSC: CNRB0005109 Bank Address: Canara Bank, Central University of Karnataka, Kadaganchi – 585367, The online EMD payment should reach the university before the date and time of opening bid is to be sent to Registrar as above.
4.	Date and time of availability of Tender document in the portal.	From 16.00 Hrs. of 27.03.2019 to 16.00 Hrs. of 17. 04.2019
5.	Last date and time for submission of bids through portal.	16.00 Hrs. of 17. 04.2019
6.	Date and time of opening technical bids.	16.00 Hrs. of 18.04.2019

## **A. Instructions to Bidders**

1. Bids are to be submitted online through e-Procurement portal of the Central Public Procurement Portal (CPP portal).
2. Bids submitted offline will not be considered.
3. Bidders are instructed to read and understand the eligibility criteria as well as terms and conditions.
4. The EMD as account payee DD or payment online transfer payable at Canara Bank Kadaganchi in favor of “**The Finance Officer Central University of Karnataka**”, **Kalaburagi**. The DD should be sent to “The Registrar, Central University of Karnataka, Kadaganchi -585367, Kalaburagi District” in sealed envelope by super scribing as “EMD for **Portable Table Top Atomic Force Microscope tender**”. The EMD shall reach on or before the date and time of bid opening.

**OR** through Online payment

Account Number: 5109101000001 Bank: Canara Bank

IFSC: CNRB0005109

Bank Address:

Canara Bank,

Central University of Karnataka,

Kadaganchi – 585367, Kalaburagi district, Karnataka, INDIA

5. EMD of the unsuccessful bidders will be returned/refunded after opening the financial bid and EMD of the successful bidder will be refunded after successful installation and testing.
6. To avail the concessions available to Micro and Small enterprises, such bidders are required to upload, the registration certificate issued by NSIC. Any other certificates will not be considered. The tendered item must be specified in the NSIC certificate.
7. Bidders are advised to submit the tender strictly based on the terms and conditions and specifications contained in the Tender Document. Conditional bids will be summarily rejected.

## **B. Eligibility of the bidders**

1. The bidder shall be registered firm.
2. Bids can be submitted by original equipment manufacturers or representatives of original equipment manufacturers or authorized dealers of **Portable Table Top Atomic Force Microscope** as specified in Annexure I.
3. The bidder shall not be black listed by any Govt./Semi Govt./Private Institution.
4. The bidder shall be free from the encumbrance and there shall not be any vigilance case/ CBI case/ Court Case pending against the bidder.
5. The firm should be registered with the Income Tax, GST and other required statutory registrations.
6. The firm should have an experience of at least 3 years in supply of **Portable Table Top Atomic Force Microscope** or similar equipment.
7. Average annual turnover during the past three years ( i.e., 2015-16 to 2017-18) should be at least

Rs. 50,00,000/-.

8. The bidder should enclose audited financial statements for the three financial years from 2015-16 to 2017-18 and income tax returns for three Assessment Years from 2015-16 to 2017-18.
9. List of clients served highlighting Government organizations along with contact numbers and work order copies to be furnished.
10. The bidder should submit the Purchase Order and Installation Report of supplying at least one Portable Table Top Atomic Force Microscope or similar equipment to any of the Government organization during the last two years (2016-17 and 2017-18).

**C. Each Bidder shall upload scanned copies of the following original / self-attested documents**

**Packet I:**

1. Duly filled in Annexures I, Annexure II and Firm registration certificate.
2. GST registration certificate, PAN Card and NSIC certificate if applicable.
3. Certificate of OEM / Representative of OEM / Authorized Dealer
4. Audited Profit and Loss for last 3 financial years from 2015-16 to 2017-18.
5. ITRs for the last three years (from the Assessment Year 2016-17 to 2018-19)
6. Work orders/purchase orders from reputed organizations to meet the eligibility requirements.
7. Brochure/leaflet of the Portable Atomic Force Microscope.

**Packet II: Annexure III – Financial Bid**

**D. Terms and conditions**

- a. Bids can be submitted directly from Original Equipment Manufacturer (OEM) or Representatives of OEM or authorized dealer of the item put for tender.
- b. The bidder should provide PAN and GSTIN etc.
- c. Incomplete bids will be summarily rejected.
- d. Technical literature/brochures/operational Manual of the quoted model explaining all specifications should be uploaded. All the documents should be in English.
- e. The supplier must ensure that all the specifications being offered in the quotation will be met by the equipment supplied. **The supplier must submit a table indicating the compliance of the features of the quoted model with those given in Annexure - I.** If any feature is not matching, it should be justified.
- f. Minimum of **three-year warranty** is required on the main equipment and accessories from the date of installation.
- g. Spare parts if any should be supplied with the instrument.
- h. Utility and installation requirements (Electrical power etc.) should be clearly mentioned in quotation.
- i. Price quoted should be inclusive of all taxes, handling, transportation up to CUK Campus, Kadaganchi, Kalaburagi District, installation charges, and training charges, if any.

- j. Documentary evidences of system performance should be provided along with the submitted technical bid.
- k. The supplier should provide a list of users from Government institutions in India as well as from abroad. Confirmation of the claim should be supported by at least three users of specified model.
- l. Quotation validity should be at least for 120 days.
- m. Time required for delivery after issue of the purchase order or LC whichever is later order, should be provided.
- n. EMD of the unsuccessful bidders will be refunded after opening the financial bid.
- o. The supplier shall provide security deposit of 10 % of the total value of the contract either in DD or Bank guaranty or Bankers cheque for the warranty period.
- p. The University reserves the right to postpone and/or extend the date of receipt or to withdraw the tender notice or not to place the order or to place order for part or full quantities without assigning any reason thereof at any stage of the tender. In such an event, bidders shall not be entitled to any compensation, in any form whatsoever.
- q. Canvassing in connection with the tender is strictly prohibited and the bids submitted by such bidders indulging in such practices are liable to be rejected. CUK reserves the right to debar the firm for minimum one year as per the Company policy.
- r. Any legal action taken or proceeding initiated on any of the terms of the agreement shall be only in Kalaburagi jurisdiction.

#### **E. Payment terms**

- a. For domestic companies, payment will be made online after successful installation of item via cheque or online transfer within 30 days.
- b. For foreign companies, payment will be made through one of the following options:
  - i. Irrevocable letter of credit (L/C) for 90 days. Name and address of company on whose L/C will be opened should be clearly mentioned.
  - ii. Electronic transfer after 30 days from the date of installation of the equipment.

**Registrar**  
Central University of Karnataka

## Annexure I – Technical Specifications

### Technical Specifications for Rotating electrode motor assembly

The technical offer should clearly include make and model number of the offered equipment.

#### Technical Specifications:

Description	Compliance
<p><b>Portable Table Top Atomic Force Microscope</b></p> <ol style="list-style-type: none"> <li>1. Modes of operation: Static mode in air, Dynamic Mode in air</li> <li>2. Integrated controller for XY-table, airflow shielding with vibration isolation.</li> <li>3. Simple sample mounting with no requirement for adjustment of the laser (Alignment free)</li> <li>4. Top view camera and side view sample observation built-in with Simple cantilever exchange:</li> <li>5. Sample size: max. 10 mm x10mm, 3 mm height or better</li> <li>6. XY positioning range: 12mm travel in X and Y (With automatic approach)</li> <li>7. Scan range XYZ: 40 x 40 x 10µm or better</li> <li>8. Z Drive resolution 1 nm or lesser</li> <li>9. XY Drive resolution: 1 nm or lesser</li> <li>10. Imaging modes: Static Force, Dynamic Force, Phase Contrast, MFM</li> <li>11. Software for control, imaging and image analysis</li> <li>12. AFM and MFM tip and stander sample be provided (10 tips for topography and 10 tips for MFM with essential magnet)</li> <li>13. Upgradable for Conductive, Kelvin probe, Lithographic AFM.</li> <li>14. 3 Years warranty</li> </ol> <p><b>15. Optional (To be quoted separately)</b></p> <ol style="list-style-type: none"> <li>1. Kelvin Probe Force Microscopy Kit and accessories,</li> <li>2. Force Modulation Kit and Accessories,</li> <li>3. Conductive AFM,</li> <li>4. Scanning Spreading Resistance Microscopy Mode</li> <li>5. Lithography</li> <li>6. Piezo Response Force</li> <li>7. Computer with essential support</li> </ol>	<p>Specify whether the equipment mentioned is in COMPLIANCE with the Technical specification given for each items (from S.No. 1 to 13). If any feature is not matching, it should be mentioned and explained.</p>

#### Installation and Warranty:

Onsite installation and training should be provided by the supplier. Minimum of three-year warranty on the equipment and spares from the date of installation is required.

Date: \_\_\_\_\_

Name:

Place: \_\_\_\_\_

Designation:

Seal:

**Annexure II Tender Application and Declaration Form**

1. Name of the Firm: ... ..  
...
2. Full Postal Address: .....
3. Mobile No. ....
4. Telephone No. ....
5. Email Id: .....
6. Date of Establishment of Firm.....
7. Registration No. of Firm: .....
8. Participating as OEM / Representative of OEM / Authorized Dealer.....
9. Give details of any Government contracts executed during the last twelve months (attach separate sheet, if necessary): .....

10. Details of the EMD paid

Particulars	Amount	DD/UTR No	Date	Name of the Bank
EMD	45,000/-			

**UNDERTAKING**

- a) I the undersigned certify that I have gone through the terms and conditions mentioned in the tender document and undertake to comply with all the terms and conditions mentioned in the tender document.
- b) The price quoted by me are valid and binding upon me for the entire period of contract.
- c) I hereby undertake to supply the items as per specifications given in the tender document/supply order within stipulated period, if I qualify in the tendering process.
- d) I give the rights to the Central University of Karnataka to forfeit the earnest money paid by me if any delay occurs on my part or if I fail to comply with the terms and conditions mentioned in the tender document.
- e) There is no vigilance/CBI case or court case pending against my firm **nor** is my firm blacklisted by any agency/department.

Date: \_\_\_\_\_  
\_\_\_\_\_

Name: \_\_\_\_\_

Place: \_\_\_\_\_ Designation: \_\_\_\_\_

Seal:

**Note to bidder:** To be submitted by the bidder in the letter head and to be signed by the authorized signatory with name and designation. Affix the seal of the firm.

### Annexure III – Financial Bid

Sl. No.	Description	Currency _____
1	Price of the <b>Portable Table Top Atomic Force Microscope</b> as specified in Annexure I	
2	GST applicable (specify)	
3	Total Transit cost (Up to the CUK premises)	
4	Price inclusive of taxes and transportation.	
Price inclusive of taxes in words:		

Time required to supply and install the equipment from the date of issue of purchase order or LC whichever is later: \_\_\_\_\_ days

Note: 1. The University is having valid DSIR Certificate.

- Prices quoted in foreign currency will be converted into Indian Rupees at the exchange rate prevailing on the date of opening the price bid to prepare the comparative statement and to determine the lowest quoted bid (L1).

Date:  
\_\_\_\_\_

Name: \_\_\_\_\_

Place:  
\_\_\_\_\_

Designation: \_\_\_\_\_

Seal:

**Note to bidder:** To be submitted by the bidder in the letter head and to be signed by the authorized signatory with name and designation. Affix the seal of the firm.