

BHARATHIAR UNIVERSITY : COIMBATORE 641 046

TENDER NOTICE TIME-EXTENSION

Ref.No. C7 / 4111 /2017

Date. 27.04.2018

Date has been extended **up to 3.00 p.m. on 10.05.2018** for submission of sealed tenders (Separate technical and commercial bid) from the **reputed ISO Certified firms** for the supply of “**Source Measurement Unit** “ to the **Dept.of Nanoscience & Technology** .

Tender documents with schedule can be downloaded from our website : www.b-u.ac.in from 27.04.2018 to **10.05.2018** . Tenders should be submitted along with the **tender cost of R.6,300/- and EMD of Rs.20,000/-** in the form of DD drawn in favor of the Registrar, Bharathiar University payable at Coimbatore.

**REGISTRAR i/c
BHARATHIAR UNIVERSITY**

BHARATHIAR UNIVERSITY –COIMBATORE 641 046
TENDER CONDITIONS AND INSTRUCTIONS FOR THE SUPPLY AND
INSTALLATION OF SOURCE MEASUREMENT UNIT FOR THE DEPT.OF
NANOSCIENCE AND TECHNOLOGY

1. Sealed Tenders will be received by the **Registrar, Bharathiar University from the ISO Certified firms up to 3.00 p.m. on 10.05.2018** for the **supply and installation of Source Measurement unit** to the Dept.of Nanoscience & Technology of this University as specified in the schedule (Appendix).
2. Tender should be addressed to the Registrar, Bharathiar University and should be only in sealed covers by Registered post/ or in person. Tenders received in ordinary covers without seal will not be considered.
3. The tender cover with **Ref.No. should be superscribed as “Tender for the supply of Source Measurement Unit under UGC-SAP , Dept.of Nanoscience & Technology”** of the University. The covers received without such superscription will be rejected summarily. All covers containing the tender should be sealed . Separate sealed cover shall be used for technical and Price bid.
- 4.a)Tender shall be accompanied with **tender fee of Rs.6,300/- and EMD of Rs.20,000/- in the form of DD drawn in one of the Nationalised Banks in the name of “Registrar, Bharathiar University” payable at Coimbatore. Cheques and Bank Guarantees will not be accepted**
 - b).Tenders without EMD shall be summarily rejected. EMD will not carry any interest. of tenderers specifically exempted by the Government from the payment of earnest money deposit /tender cost necessary certificate should be enclosed for exemption otherwise it will be liable for rejection
5. **Technical Bids only will be opened on 10.05.2018 at 4.00 p.m. by the Registrar or his/her nominee in the presence of the tenderers** or their representatives who may be present at the time of opening. The representatives of the tendering firms who are attending during opening of the tenders should bring **a letter of authorization** from the tendering firms, which they represent to identify their bonafied.
- 6.Tenders received late i.e. after 3.00 p.m. on due date will be returned to the tenderer unopened.
- 7 Any quote where the financial bid is included in the technical bid will be summarily rejected.
8. a)The tender should contain particulars like the name and address of the Tenderers, Net rate including GST , transportation, delivery, installation and commissioning of the above equipments .
 - b) The rates will be kept firm for 180 days from the date of the opening of the Tenders in acceptance.
 - c) The rate should be quoted both in words and figures with detailed technical specification, make and model Any scoring or overwriting should be attested by the tenders with full signature. The rate quoted should be firm and should not be subject to any variation clauses.

- d) University shall not pay increase in duties, taxes and surcharges on account of any revision by the Government at the time of supply and installation.
- e) Supply shall be as per the specifications mentioned in the Appendix and according at the time of supply
- f) Supply shall be as per the specifications mentioned in the Appendix and according at the time of supply .
- g) The tender should quote as per the tender specifications of the equipment only. Option shall be given separately.
- h) The tender form (Annexure I & II) should be completed in all respects. Wherever the information is not relevant to your bid, the space should be appropriately filled with 'NA or NIL'. No space shall be left blank. All the crucial documents should be signed and enclosed otherwise the tenders are likely to be rejected.
- i) If the given space is insufficient to give required information, additional sheets may be added. Each such additional page shall be numbered consecutively and shall bear our tender reference number and signature of bidder or his/her authorized agent.

9. Faxed bids are liable to be rejected.

- 10. The tender shall be valid for a maximum period of 180 days from the date of opening. If the tender validity is less than 180 days the tender will be rejected as non-responsive tender. Tenderer should not withdraw his tender after the tenders are opened. In case the tender is withdrawn after it opened, the EMD will be forfeited and black listed.
- 11. The EMD of the unsuccessful tenders will be refunded immediately after the tenders are disposed of by the competent authority.
- 12. Successful tenderer shall execute an agreement for the fulfillment of contract in the stamp paper in the model form. The conditions stipulated in the form should be strictly adhered to and violation of any of the conditions will entail termination of the contract without prejudice to be right of the University and to recover any consequential loss from the successful tenderer.
- 13. Successful tenderer shall remit a **Security deposit 5.5% to the order value** Security Deposit will be refunded at the end of warranty period subject to the satisfaction of the University. The EMD may be adjusted towards Security deposit payable.
- 14. If the successful tenderer failed to act up to the tender or backs out when his tender accepted, security deposit will also be forfeited to department.
- 15. a) The material should be supplied strictly in accordance with the specifications given in the Appendix and should fulfill the successful tests carried out by the Competent Authority of the University. The supply and installation should be made as per the delivery schedule to be sent by the Registrar along with the exact location of the work.

- b)The guarantee period shall take effect from the date of installation . Successful tenderer shall be liable to change any defective part during the warranty period. In either case the damaged or defective items will have to be taken back at supplier's cost and risk.
- 16.The commissioning and installation should be completed within the stipulated period mentioned in the supply order. If the supply is not made within the period, the supply order will be cancelled and the EMD & Security deposit will be forfeited.
- 17 The materials are to be guaranteed for at least one year of installation and commissioning against manufacturing defect and bad workmanship. The warranty period specified will commence from the date of installation .
18. The materials quoted shall confirm to ISI standard. The make of the materials shall be mentioned in the tender.
19. Any dispute arising out of this contract shall be settled only at the court having jurisdiction of Coimbatore.
20. The authority competent to accept the tender reserves the right to reject or accept any tender without assigning any reasons thereof.
21. Regarding the acceptance of supply with reference to the specification and quality of materials supplied, the decision of Registrar shall be final.
22. **Price:**
- a) **For Imported:** The Price shall be quoted in Currency for CIF Chennai /CIP Chennai / FOR Coimbatore. If the equipment is imported but quoted in INR please quote the basic price inclusive of duties/GST as per the existing Govt.rules. If necessary, the required documents will be provided along with the supply order .
- b)**For Indigenous :** Quote the price in INR inclusive of GST and warranty. separate charges for warranty will not be considered at any cost , should mention the valid GST Registration/ Numbers along with the copy of the registration Certificate.
- 22 The University is registered with DSIR and eligible for exemption towards customs duty as per the Government Notification No: 51/ 96 Customs Dt.23.7.1996.and Central excise duty as per Government Notification No.10/97 Central Excise Dt: 1.3.1997.
- 23 This University do not have IEC number and exempted from application of rules as per Foreign Trade for importers in certain cases since 1993 . this is a Research Institution Permanent IEC numbers shall be used at the time of Customs clearance . W
- 24 The customs duty after providing duty exemption certificates if applicable as per customs tariff for the said equipments shall be paid by the local supplier /Clearing agent at the time of Customs clearance which will be reimbursed subject to the condition on submission of original customs bills to the University after delivering the equipment to the department concerned. Necessary documents will be provided after receipt of original invoice/Cargo Arrival/Shipment notice from the Principal Supplier. The Customs clearance , transportation and delivery charges up to the University have to be borne by the firm.

25. PAYMENT :

a) If the quoted price in currency . The payment will be made by irrevocable Letter of Credit (LC) / advance FDD(only copy) in favor of the Principal Supplier /Currency Wire Transfer to the Principal Supplier only after supply and installation of the equipment .

Advance Currency Wire transfer is not applicable

b) If the quoted price in INR, the payment will be made after supply and installation. No advance payment will be made .

26. Loss or Damage: External damages or shortages that are prima facie the results of rough handling in transit or due to defective packing will be intimated within a fortnight from the date of receipt of the material, Internal defects, damages of any internal parts that cannot ordinarily be exhibited on superficial inspection though due to bad handling in transit or defective packing will be intimated within two months from the date of receipt of the stores. In either case the damaged or defective stores will have to be taken back at supplier's cost and risk.

27 Guarantee: The Supplier shall undertake to repair free of charge or replace any defective part of the equipment supplied due to defective or faulty design or bad workmanship during a period of three years from the date of commissioning of the equipment.

28 Leaflets and Descriptive Literature: Full descriptive particulars and manuals of the equipment offered should accompany the tender. Information regarding the country of manufacturer or origin of materials in the manufacture of articles should be furnished.

29. Tests: Manufacturer's certificate for the routine tests specified in the BSS of the test issue or as per manufacturer's standard practice should be forwarded in duplicate. The materials will be rejected, if the test results are not satisfactory.

30 .Penalty Clause: The delivery should be guaranteed by you under the penalty clause mentioned hereunder:

“Should delivery be delayed by strike, lockouts, fire accidents or any cause whatsoever, beyond the reasonable control of the contractor and whether such delay or impediment occurs before or after the time or extended time for dispatch or completion, a reasonable extension time shall be granted.

If the contractor fails in due performance of this contract, within the time fixed by the contractor the extension thereof , the contractor is liable at discretion of the purchaser to a penalty of 4% per month of the contract value of such portion only of materials as cannot, in consequence of the delay, be used during each month between the appointed or extended time as the case may be and the actual time of acceptance, and such penalty shall be in full satisfaction of the contractor's liability for the delay but shall no in any case exceed 25 % of the contract value of such portion of the materials.

31. Additional Documents required for qualification

- ISO Certificate
- Number of years standing in the business.
- Average turnover in the last three years.
- Backup facility for the warranty period.
- GST Number along with the copy of the registration Certificate
- PAN Number along with the copy of PAN
- Company Profile.
- Copy of the supply order and installation record at reputed institutions / organizations and sufficient service back-up in Tamil Nadu / South India
- Customer Satisfaction Certificate from any of the institutions/organization is to be attached with the Technical Bid And Price Bid.
- Any other relevant details in support of the items specified.

32. Only qualified bidders will be considered for technical evaluation. The bidders who are disqualified in the Technical evaluation, the Commercial bid will not be considered.

33. Price bid evaluation will be done for imported inclusive of the customs duty /Customs clearance and other charges. For indigenous inclusive of all GST, warranty and other charges etc.

34. The University will not offer any explanation to those tenderers whose technical bid has not been found acceptable by the technical evaluation committee .

35. Tenders will be considered only from the ISO certified Manufacturers / authorized distributors with sound technical and financial capabilities.

36. The University's general rules for the supply of the materials and works will apply on this purchase also.

37. Training at University Campus at free of charge .

38. Tender shall be submitted with brief description, make and model number, technical specifications etc. along with catalogue/manual.

39. No communications from any tenderer adding to/adhering or explaining any terms of the tender will be considered prior to the submission or after opening of the tenders by the competent authority

40. In case of any modifications in specifications/terms and conditions/ any clarifications to the bid document it will be hosted in our website only and bidders are requested to log on to our website from time to time regularly for any amendment and no separate corrigendum will be issued in this regard.

41. The tenderer must not be blacklisted by Central Government, State Government or Government of Corporations or any organization in India. A certificate or undertaking to this effect must be submitted.

42. The tender is submitted subject to and agreeing the above conditions duly attested and certified.

SIGNATURE OF THE TENDERER

Specification of Source Measurement Unit -1No.

- A Source Measurement unit capable of measuring the current / Voltage Characteristics of Solar cell and FET devices is needed.
- The Source Measurement unit should provide a constant source current as well as voltage in the range between 10fA to >1A and 100nV to > 200V respectively.
- Maximum constant pulsed current of 10A is also needed.
- It must be able to measure the current and voltage in the range between 10fA to >1A and 100nV to >200V respectively.
- Preferably, color display option with different view options such as Single view and Graph view is required to view the real time measurement data.
- It should be inter connectable with PC by using GPIB, LAN and other Digital I/O interface.
- USB Port option is also preferable for collecting the data from the SMU directly without using PC.
- In graph view, the axis should be optional. (Current v/s Voltage, Time v/s Resistance, Time v/s Photocurrent and Frequency dependent measurements).
- Dual Channel Measurement system is preferable along with Banana Jack and Tri-axial cable connection with adaptor also needed.
- Maximum Sample rate for linear, step and continuous measurement should be > 100000 pts/s.
- It should be inter connectable with other SM units.
- 10 μ s interval of list sweep/AWG waveform generator also needed.
- It should have the ability to withstand certain environmental and power line condition.
 - . Temperature 10 – 60°C
 - . Humidity 30 – 80%RH
 - . AC Voltage 90 - 260 V
 - . Line frequency 50 – 60Hz
- High performance Probe Setup arrangement is also needed.
- We need Two year Warranty for hardware and software from the date of installation.
- All the installation and Complete Demonstration must be given by trained engineer in free of cost.

ANNEXURE – I
TECHNICAL BID

Tender reference No: _____

1. Name and address of Bidder
2. The details of EMD
Amount of EMD Rs. _____, DD No. _____ dt
Bank: _____
3. Due Date of bid :
4. The bid shall remain valid for acceptance for 180 days, from the date of tender opening.
5. Schedule of Requirements:

Sl. No	Brief description of stores			Qty Required	Qty Offered	Delivery	Unit price (Rs)	Total Cost (Rs)
						At Bharathiar University Coimbatore	To be filled in Annex:II	
(i)	CST/VAT		%		-	-		
(ii)	Wararanty 1year -- /2Year/ --/3Year --							
(ii)	Other charges, if any				-	-		
Grand total cost in Rs.								
Total cost (in words)		Rupees.						

Note: (1) All columns must be filled up.

(2) Adhering to the format given above is a pre- requisite for considering your bid.

(3) Please indicate applicability.

I/certify that I/We have completely read and understood and agree to all the terms & conditions given in Part II.

Date : _____ **Signature of Bidder :** _____

Office Stamp _____ **Signing as :** _____

:Mobile No. _____ **Fax No.** _____ **Name in block letters :** _____
e mail _____

ANNEXURE: II**PRICE BID****Tender reference No: _____**

1. Name and address of Bidder
2. The details of EMD
Amount of EMD Rs. _____, DD No. _____ dt
Bank: _____
3. Due Date of bid :
4. The bid shall remain valid for acceptance for 180 days, from the date of tender opening.
5. Rates for items given in Techno-commercial offer at Schedule of requirements are as follows:

SINo	Brief description of stores			QtyOffered	Delivery	Unit price	Total Cost
					At Bharathiar University Coimbatore		
(i)	CST/VAT		%	-	-		
(ii)	Other charges, if any			-	-		
Grand total							
Total cost (in words)		Rupees.					

NOTE :(1) All columns must be filled up.**(2) Adhering to the format given above is a pre- requisite for considering your bid.****(3) Please indicate applicability.**

Date :
Office Stamp

Signature of Bidder :
Signing as :
Name in block letters :
e mail

Tele No. **Fax No.**

LETTER OF ACCEPTANCE

**BHARATHIAR UNIVERSITY
COIMBATORE – 641 046**

I/We agree to furnish required supplies /services as detailed in the Tender schedule or such portions thereof as you may specify in the Acceptance of Tender in accordance with the General Terms and Conditions governing the contract / supply order enclosed hereto duly accepted on receipt of the order for the same.

I /We agree to hold this offer open until_____and shall be bound to supply / omission /erect the equipment and dispatch the same within the specified period.

I/ We agree to supply and commission /erect the equipment and complete the whole of the work and hand over to the purchaser within the period of weeks. From the date of receipt of intimation from you regarding acceptance of this tender / receipt of supply order.

**Signature of the bidder
With office stamp
Name & Address**

**Station
Date:**