

**BHARATHIAR UNIVERSITY : COIMBATORE 641 046**

**No. C7 / 11806-3 /2017**

**Date:04.08.2017**

**RE-TENDER NOTICE**

Sealed Tenders are invited by the Registrar, Bharathiar University, Coimbatore 641 046 **up to 3.00 P.M on 22.08.2017** from the reputed firms for the supply of Bench Top Digital Multimeter for the Dept. of Physics

Tender documents with schedule can be downloaded from our website : [www.b-u.ac.in](http://www.b-u.ac.in) from **08.08.2017 to 22.08.2017** . Tenders should be submitted along with the **tender cost of Rs.315/- and EMD of Rs.2,675/- 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 OF BENCH TOP  
DIGITAL MULTIMETER FOR THE DEPT. OF PHYSICS

1. Sealed Tenders will be received by the Registrar, Bharathiar University, up to 3.00 p.m. on **22.08.2017** for the supply of Bench Top Digital Multimeter to the **CSIR Project, Dept.of Physics** of this University as specified in the schedule.
- 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 **Bench top Digital Multimeter** “ to the **CSIR Project, Dept.of Physics ,Bhararathiar University. Due on 22.08.2017.**The covers received without such superscription will be rejected summarily.
- 4.The tenders will be opened by the Registrar in the Registrar’s Chamber at 4.00 p.m. on **22.08.2017** the presence of the tenderers who are present.
- 5.Each tender shall be accompanied with the requisite Tender Cost and EMD noted against each item 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. EMD will not carry any interest.
- 6.If The tender submitted without the earnest money deposit be summarily rejected provided that any category 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.
- 7.The entries in the tender schedule shall be as for as possible without scoring, corrections and over writings and shall be legible. The unavoidable correction or scoring shall be attested by full signature of the tenderer. The tenderer should sign on each page of the tender document.
- 8.In the tender schedule the tenderer should quote the rates for each item separately in figures and words in the corresponding column.
- 9.If the rates quoted in the schedule differ in words and figures, the lowest quoted rate will be taken. The unit rates quoted in the schedule are those governing payment.
- 10.Taxes or any other charges if any shall be clearly mentioned specifying the percentage. If this is not specifically mentioned it will be taken that the rates quoted are net.
- 11.If the tenderers quotes the price with GST , should mention the valid GST registration Number along with the copy of the registration Certificate.
- 12.The rate quoted shall be for delivery at University Campus.
- 13.No revision of rates at any cost will be accepted.
- 14.Tender documents are not transferable.
- 15.Tenders shall be submitted only in this official form and the tenderers should sign on each page of the all tender documents and enclosed without any omission.

16.The tender shall be valid for a minimum period of 90 days and maximum period of 180 days if necessary from the date of opening. Tenderer should not withdraw his tender after the tenders are opened. In case the tender is withdrawn after it opened, the EMD remitted will be forfeited.

17.The EMD of the unsuccessful tenderers will be refunded after the tenders are disposed by the competent authority.

18.Security Deposit: Successful tenderer should remit a security deposit 5% to the order value and execute an agreement on Tamilnadu stamp paper to the value of Rs.100.00. Failure to execute the agreement within the stipulated time will entail in forfeiture of the EMD. Security Deposit will be refunded after audit/warranty period is over

19.The materials should be supplied within stipulated period mentioned in the supply order. If it is not made within the period the supply order will be cancelled and EMD forfeited.

20.The make of the materials shall be mentioned in the tender..Supply should be as per the specifications mentioned in the Schedule

21.The tenderers should quote as per the tender specifications only. Option shall be given separately.

22.Any dispute arising out of this contract shall be settled only on the court having jurisdiction of Coimbatore.

23.The authority competent to accept the tender reserves the right to reject or accept any tender without assigning any reasons there for.

24.Regarding the acceptance of supply with reference to the specifications and quality of materials supplied the decision of the Registrar shall be final.

25.Quote the price in INR inclusive of taxes and warranty. Separate charges for warranty will not be considered at any cost.

26.The University is registered with DSIR, it is eligible for exemption of Central Excise duty as per Government Notification No.10/97 Central Excise Dt: 1.3.1997. It is also eligible for customs duty exemption as per the Govt.Notification No.51/96 Customs dt.23.07.1996.

27.This University's general rules will apply on this purchase also.

28.Tender shall be submitted subject to agreeing the above terms and conditions. duly attested and certified.

**TO BE FILLED IN BY THE TENDERER:.**

<b>S.No.</b>	<b>Item Name</b>	<b>Tender Cost –Details B.U.Challan No/DD No/ Banker's Cheque No/Date</b>	<b>EMD Details DD No/Banker's Cheque No/ Date</b>

SIGNATURE OF THE TENDERER

**SCHEDULE**

S.No	Specifications	Qty.req.	Amount
1	<p><b>Bench Top Digital Multimeter</b></p> <p>Operational characteristics (DC and AC Reading): 6.5 digits</p> <p><b>DC Characteristics</b></p> <ul style="list-style-type: none"> <li>• Voltage: 100 mV to 1000 V (resolution: 0.1 to 1000 microV)</li> <li>• Resistance: 100 ohm to 100 megaohm (resolution: 100 microohm to 100 ohm)</li> <li>• Current : 10 mA to 3 A (resolution: 10 nA to 10 MicroA)</li> <li>• Continuity 2W : 1 kilohm (resolution: 100 microohm)</li> <li>• Diode test : 3 to 10 V (resolution: 10 microV)</li> <li>• Range change : 50/s.</li> <li>• Function change: 45/s.</li> <li>• Autorange time : &lt;30 ms.</li> <li>• ASCII readings to RS-232 (19.2K baud) : 55/s.</li> <li>• Max. internal trigger rate : 2000/s.</li> <li>• Max. external trigger rate : 500/s.</li> <li>• Linearity of 10V dc range : <math>\pm(1\text{ppm of reading} + 2\text{ppm of range})</math>.</li> <li>• DC current input protection : 3A, 250V fuse.</li> <li>• Shunt resistor : 0.1<math>\Omega</math> for 3A, 1A and 100mA ranges. 10<math>\Omega</math> for 10mA range.</li> <li>• Continuity threshold : Adjustable 1<math>\Omega</math> to 1000<math>\Omega</math>.</li> </ul> <p><b>AC Characteristics</b></p> <ul style="list-style-type: none"> <li>• Voltage 100 mV to 750 V (resolution: 0.1 to 1000 microV)</li> <li>• Current : 1 to 3 A (resolution: 1 to 10 microA)</li> <li>• Function/range change : 4/s.</li> <li>• Autorange time : &lt;3s.</li> <li>• ASCII readings to RS-232 (19.2K baud) : 50/s.</li> <li>• Max. internal trigger rate : 300/s.</li> <li>• Max. external trigger rate : 300/s.</li> <li>• Input impedance : 1M<math>\Omega</math> <math>\pm</math>2% paralleled by &lt;100pF.</li> <li>• ACV input protection : 1000Vp.</li> <li>• Max. DC V : 400V on any ACV range.</li> <li>• ACI input protection : 3A, 250V fuse.</li> <li>• Shunt resistor : 0.1<math>\Omega</math> on all ACI ranges.</li> <li>• Maximum crest factor : 5 at full scale.</li> <li>• Volt Hertz product : <math>\leq 8 \times 10^7 \text{V} \cdot \text{Hz}</math>.</li> </ul> <p><b>Frequency and period characteristics</b></p> <ul style="list-style-type: none"> <li>• ACV range : 100 mV to 750 V</li> <li>• Frequency range : 3 Hz to 500 kHz</li> <li>• Period range : 333 ms to 2 micro sec.</li> <li>• Resolution : <math>\pm 0.3</math> ppm of reading</li> </ul> <p><b>Temperature characteristics</b></p> <ul style="list-style-type: none"> <li>• J-type sensor : -200 C to 760 C</li> <li>• K-type sensor : -200 C to 1372 C</li> <li>• T-type sensor : -200 C to 400 C</li> <li>• Resolution : 0.001 C</li> </ul> <p><b>Power supply</b> : Indian standard</p>	1No	

**SIGNATURE OF THE TENDERER**

