



BIRLA INSTITUTE OF TECHNOLOGY

A Deemed University u/s 3 of UGC Act, 1956

MESRA 835215, RANCHI (INDIA)

Phone: 0651-2276030/2276290

Email : purchase3@bitmesra.ac.in

Website: www.bitmesra.ac.in

LIMITED TENDER ENQUIRY

BIT/PUR/LTE/CHEM/23-24/IC000042/2023

DATE:18/05/2023

To,

M/s.

Dear Sir,

Subject : Request for Quotation for Procurement SOURCE METER EQUIPMENT.

You are requested to submit most competitive rates(s) for the following item(s) as per details given below (Sealed Quotations may be sent by hand or by post):

Last date and time for submissions of complete Quotations by (Password protected) Email to ar.src@bitmesra.ac.in , purchase3@bitmesra.ac.in , or sealed quotations can be submitted to the under mentioned address.	08.06.2023 15:00 Hrs. (If all LTE Vendors submit the quotation prior to the submission date, the quotations will be opened prior to last date of submission.)
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Sr. N.	Item Description	Qty
1	<p>SOURCE METER : Source Meter with Probe set & USB Interface High accuracy voltage/current source meter, Integrated voltage/current precision source and measurement capabilities for easy and accurate I/V measurement with Single & Graph View. Wide coverage up to 210 V, 1.5A DC. The 4 inch front panel colour display supports both graphical, numerical, roll view modes. High resolution arbitrary waveform generation (AWG) and list sweep functions (50 μs minimum interval). High speed digitizing capability (maximum100000 points/s sample rate). Free application software to facilitate PC -based instrument control through USB, LAN. LXI class C compliant, USB2.0, GPIB, LAN and digital I/O interface. Detail Technical Specification: Display: TFT Color display with Dual View, Graph View and Roll View a) No of Channel: 1. b) Source Voltage: ± 200 mV - ± 210 V. c) Min Source Resolution: 1 μV (min.). d) Source Current: ± 10 nA - ± 1.5 A or better.e) Min Programmable Pulse Width: 50 μs (Resolution: 1 μs). f)Max. Digit at Source: 5 $\frac{1}{2}$ Digit or better. g) Voltage Measurement: ± 200mV - ± 200 V. h) Resolution: 100 nV (min.). i) Current Measurement: ± 10nA - ± 1.5 A max. (DC). j) Current Resolution (Source/Measure) :100fA& 10 fA respectively. k) Max. Digit at Measurement: 6 $\frac{1}{2}$ Digit orbetter. l) Resistance Measurement range: 2 ohm to 200 Mohm (1microOhm resolution). m) Minimum Trigger Interval: 20 microsec orbetter. n) Min programmable value to create list sweep waveform: Min 20μs with 1 μs resolution. o) Sweep Modes: Linear, Logarithmic or List. p)Sweep Direction: double. q) Maximum Buffer size: 100,000points/channel. r) The PC control software should support operating systems from Windows 7 or higher preferably upto Windows10. s) Kelvin Probe set (01 set), GPIB to USB converter. On-site Installation & Training: The system has to be installed, commissioned at site and all working modes to be demonstrated upto user satisfaction. Manuals & Service: Complete set of manual in English for operating the instrument should be supplied. 1 Year Warranty , Installation by party</p>	01 Nos.

Sealed Quotation may be submitted superscribed with reference number as appended hereunder:-



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Quotation for Supply of ----

Ref.No. ----- **BIT/PUR/LTE/CHEM/23-24/IC000042/2023**

To,

Asst Registrar (RDC)
Birla Institute of Technology,
Mesra, Ranchi, Jharkhand-835215.

From,: M/s-----

Address: -----

Contact No.-----

Email ID -----

1. Original bills in triplicate along with the warranty card will have to be issued by the party to whom order is issued.
2. HSN code of the material should be mentioned in quotation.
3. All entries in the quotation should be typed or computer printed without any ambiguity and should be free from correction etc. Hand written offers will be rejected.
4. Late and delayed tenders will not be considered. In case any unscheduled holiday occurs on prescribed closing date the next working day shall be the prescribed date of closing.
5. The quotation should be submitted with descriptive literature & drawing. The make of the items offered should be clearly specified.
6. Material should be confirming to our specification. The deviations if any should be clearly indicated in the quotations.
7. Successful bidder has to furnish the OEM test certificates along with the materials (if applicable).
8. Rate /Price: The offered price shall be on **FOR BIT Mesra on Door Delivery basis**.
9. **No Advance payment will be considered at any circumstances.**
10. If offered Price Term is other than the FOR-Destination term, approximate Freight & forwarding charges along with the applicable Insurance charges may be mentioned.
11. GST and PAN certificate should be furnished along with quotations.
12. **Road Permit: The supplier shall arrange Road Permit on his own for transportation material to BIT Mesra and any additional tax liability on this account shall be borne and paid by the supplier.**
13. Purchaser will not pay separately for transit insurance/taxes (if any) and the supplier will be responsible until the stores arrive in good condition at the destination.
14. Warranty: Period of warranty should be clearly mentioned and also the parts covered under it. Warranty will be applicable from the date of successful installation.
15. Service Facility: Supplier must mention about the service set up in India & confirm effective after sales service.
16. BIT Mesra is not bound to accept the lowest or any quotation for whatsoever reason and reserve its right to accept or reject in whole or in part any or all the quotations received without assigning any reason.
17. Applicable taxes shall be quoted separately for all items and levies payable by the supplier under the contract shall be included in the unit price.
18. Each bidder shall submit only one quotation and sealed quotation to be submitted / delivered at the address. (Alternatively it can be email at purchase3@bitmesra.ac.in or ar.src@bitmesra.ac.in) or deliver by hand.
19. Training clause (if any)to be mentioned.
20. **Delivery period should be mentioned clearly in the quotation. If a firm accepts an order and fails to execute the order in full as per the terms and conditions stipulated therein, it will be open to this Institute to recover**



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liquidated damages from the firm at the rate of 0.5% to 1% per week of the order value subject to a maximum of 10% of the order value.

21. Conditional tenders will not be considered.

22. Authorized dealership certificate should be submitted in case principal manufacturing company is not quoting directly.

23. Copy of Purchase Orders for similar equipment supplied to any other organization desired.

24. Annual turnover of company for last 3 year / CA Certificate to be provided.

25. Declaration required by the vendor that the price quoted are lowest that I have supplied to any other organization.

Sd/

Assistant Registrar (RDC)
Birla Institute of Technology
Mesra- 835215, Ranchi.