



BIRLA INSTITUTE OF TECHNOLOGY
A Deemed University u/s 3 of UGC Act, 1956
MESRA 835215, RANCHI (INDIA)

Phone: 0651-2276030/2276290

Email : purchase2@bitmesra.ac.in

Website: www.bitmesra.ac.in

SHORT TIME TENDER

BIT/PUR/STT/CME/22-23/IC000372/2022(Revised)

DATE:19/12/2022

To,

M/s.

Dear Sir,

Subject : Request for Quotation for Procurement of ELECTROCHEMICAL WORKSTATION BATTERY

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):

<p>Last date and time for submissions of complete Quotations by (Password protected) Email to ar.purchase1@bitmesra.ac.in, purchase2@bitmesra.ac.in sealed quotations can be submitted to the under mentioned address.</p>	<p>29.12.2022 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.)</p>
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Sr.No.	Item Description	Quantity
1	<p>ELECTROCHEMICAL WORKSTATION BATTERY Input AC AC 220V/110V ±10% / 50Hz Input power 425 W Resolution AD:16bit; DA:16bit Input impedance ?1M? CV output range 25mV~5V Min discharge voltage 1V for universal holder,1.5V for 2m cable Accuracy ± 0.05% FS Stability ± 0.05% FS Output range/channel Range1: 0.5mA-0.1A; Range2: 0.1A-3A; Range3: 3A-6A Accuracy ± 0.05% FS CV cut-off current Range1: 0.2mA; Range2: 6mA; Range3: 12mA Stability ± 0.05% FS Output power/channel, 30 W Stability ± 0.1% FS Current response time <1ms (10% FS~90% FS) Working step time ?(365*24)h/step Timeformat-00:00:00.000(h, m, s, ms) Min data record interval:100ms Min voltage change: 10mV Min current change: 0.2mA;6mA;12mA Frequency 10Hz Charge modes CC, CV, CCCV, CP Cut-off condition Voltage, Current, Time, Capacity, Energy, -??V Discharge modes CC, CV, CCCV, CP, CR Cut-off condition Voltage, Current, Time, Capacity, Energy Charge CC, CP Discharge CC, CP Min pulse width 500ms</p>	01 Nos.



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	<p>Pulse Pulse counts Up to 32</p> <p>Chg and Dschg switch Supported</p> <p>Cut-off condition Voltage, Time</p> <p>DCIR Calculated DCIR values available in BTSDA</p> <p>Max cycles 65535</p> <p>Max steps 254</p> <p>Cycle nest 3</p> <p>?Power-failure data protection</p> <p>?Offline operation mode</p> <p>?User-defined protection conditions, such as upper and lower current/voltage, delay time, temperature, etc.</p> <p>Channels feature Independent pairs of closed loop for constant</p> <p>Channels control mode-Independent control</p> <p>Data acquisition method-Kelvin connection</p> <p>Noise <55dB</p> <p>Database MySQL</p> <p>Communication TCP/IP</p> <p>Operating system Windows 7/8/10 64bit</p> <p>Data export EXCEL, TXT, CSV, PDF, Plot/Graph</p> <p>Min. disk drive 500GB</p> <p>Communication port Ethernet port</p> <p>Leak Current <5?A</p> <p>Channels per unit 8</p> <p>Operation and storage environment requirement</p> <p>Items Values</p> <p>Operation environment temperature 0?~40? (When the temperature is 25±10?, the accuracy offset caused by temperature is less than 50ppm/?)</p> <p>Storage environment temperature-10?~50?</p> <p>Operation environment humidity <=70% RH(no moisture condensation)</p> <p>Storage environment humidity <=80% RH(no moisture condensation)</p> <p>WARRANTY - 3YEARS</p>	
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Sealed Quotation may be submitted superscribed with reference number as appended hereunder:-

Quotation for Supply of ----	
Ref.No. -----	BIT/PUR/STT/CME/22-23//IC000372/2022
	To,
	Dy. Registrar (Purchase) 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.



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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 (Password protected) at purchase2@bitmesra.ac.in or ar.purchase1@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 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.
26. **Customs Duty: The Institute is exempted from payment of Customs Duty Vide GOI Notification No. 51/96 Customs, dated 23.07.1996 & No.24/2007-Customs dated 01.03.2007 with registration no**



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11/161/1990-TU-V dated 23.03.2022.

Sd/-

Dy. Registrar Purchase

BIT Mesra Ranchi-835215