



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/EEE/22-23//IC000600/2022

DATE:19/12/2022

To,

M/s.

Dear Sir,

Subject : Request for Quotation for Procurement of VOLTAGE TRANSDUCER, CURRENT TRANSFORMER etc.

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.purchase1@bitmesra.ac.in , purchase3@bitmesra.ac.in sealed quotations can be submitted to the under mentioned address.	26.12.2022 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.)
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Sr.No.	Item Description	Quantity
1	VOLTAGE TRANSDUCER : Voltage Transducers with Protection and IoT Supply Voltage Min: -13.5V , Supply Voltage Max: 26.4V, Accuracy %: 0.5% , Operating Temperature Min: -40°C Operating Temperature Max: 85°C , Operating Temperature Max: 85°C , Output Current Max: 75mA , Linearity %: 0.5% Maximum Steady state Input Voltage: 1000 V Maximum Pulsed , Voltage : 2250 V Protection: Over Voltage SSD based protection, Alarm System, Over Temperature Protection IoT: IoT Interface with arduino compatibility EMI Filter, Signal Conditioning, Galvanic Isolation voltage:more than 2kV	06 Nos.
2	CURRENT TRANSFORMER: Current Tansducers - Sensor Output: Closed Loop Supply Voltage DC Min: - Supply Voltage DC Max: 15V, Current Measuring Range DC: - 100A to 100A Current Measuring, Range AC: -100A to 100A, Response Time: 1us Accuracy %: 0.9%	12Nos
3	INDUCTORS (SINGLE PHASE) : Inductor 100uH, 100 Amp, 200kHz, 600 Volt Protection: Over Voltage SSD based protection, Short Circuit protection based on SSD relay, Alarm System, Over Temperature Protection IoT: IoT Interface with arduino compatibility voltage & current data logging	04each
4	POWER MOSFET : SiC power MOSFET Module test kit , MOSFET Configuration: Half Bridge, Transistor Polarity: Dual N Channel, Continuous Drain Current Id: 250A Drain Source Voltage Vds: 1.2kV , On Resistance Rds(on): 0.00581ohm Rds(on) Test Voltage Vgs: 15V , Threshold Voltage Vgs: 4.5V , Power Dissipation Pd: - Operating Temperature Max: 150°C , Product Range: CoolSiC C Transistor Case Style: Module Protection: Over Voltage SSD based protection, Short Circuit protection based on SSD relay, Alarm System, Over Temperature Protection, DRC Snubber IoT: IoT Interface with arduino compatibility for switch voltage and current data logging	03 Nos



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5	DIODES: ULTRA- FAST RECOVERY DIODES, Repetitive Reverse Voltage Vrrm Max: 1.2kV Forward Current If(AV): 109A , Diode Configuration: Single, Forward Voltage VF Max: 1.55V , Reverse Recovery Time trr Max: 60ns Forward Surge Current Ifsm Max: 600A Operating Temperature Max: 150°C, Diode Case Style: TO-247, No. of Pins: 3 Pin	50each
6	RESISTORS : High Wattage Resistor , Resistance: 5ohm , Power Rating: 300W Resistance Tolerance: ± 1% Resistor Terminals: Threaded Stud , Voltage Rating: 2.5kV Resistor Element Type: Wirewound , Temperature Coefficient:	10 Nos.

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

Quotation for Supply of ----	
Ref.No. ----- BIT/PUR/LTE/EEE/22-23/IC000600/2022	
To,	
Asst. Registrar (Purchase)	
Birla Institute of Technology	
Mesra , Ranchi , Jharkhand	
835215	
	From : M/s-----
	Address : -----
	Contact No. -----
	Email ID-----

- Original bills in triplicate along with the warranty card will have to be issued by the party to whom order is issued.
- HSN code of the material should be mentioned in quotation.
- 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.
- 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.
- The quotation should be submitted with descriptive literature & drawing. The make of the items offered should be clearly specified.
- Material should be confirming to our specification. The deviations if any should be clearly indicated in the quotations.
- Successful bidder has to furnish the OEM test certificates along with the materials (if applicable).
- Rate /Price: The offered price shall be on **FOR BIT Mesra on Door Delivery basis.**
- No Advance payment will be considered at any circumstances.**
- If offered Price Term is other than the FOR-Destination term, approximate Freight & forwarding charges along with the applicable Insurance charges may be mentioned.
- GST and PAN certificate should be furnished along with quotations.
- 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.**
- 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.
- 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.
- Service Facility: Supplier must mention about the service set up in India & confirm effective after sales service.
- 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.



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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 purchase3@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 11/161/1990-TU-V dated 23.03.2022.

Sd/-

Asst. Registrar Purchase
BIT Mesra Ranchi-835215