



NIELIT CALICUT
(Autonomous Scientific Society of Ministry of Electronics & Information Technology, Govt. of India)
NIT Campus Post, CALICUT-673 601, KERALA
Email: purchase@calicut.nielit.in Web: <http://nielit.gov.in/calicut>
Phone: 0495-2287266 Fax: 0495-2287168

LIMITED TENDER ENQUIRY

By Speed Post

Ref. No.: 2(1140)/2019-20/EVTS/PPS

Date: **20.01.2020**

To

DUE DATE: 11.02.2020

1. Quotations are invited for the supply of the items as per Annexure.
2. The quotations duly **SIGNED, SEALED AND SUPERSCRIBED ON THE ENVELOPE WITH THE REFERENCE No. AND DUE DATE**, should be addressed to the undersigned so as to reach on or before the due date stipulated above. Quotations received after the due date will not be considered.
3. The quotations should be valid for acceptance for a period of **sixty days** from the due date
4. Quotations will not be accepted by Fax, Email or any such electronic data transfer form.
5. The quotations should be for goods exactly conforming to our requirements and specifications.
6. If the item is under DGS&D Rate contract, the number and the price applicable must be mentioned. It may also please be indicated whether the supply can be made direct to us at the DGS&D Rate Contract Price.
7. Relevant literature pertaining to the items quoted with full specifications and drawings, if any should be sent along with the quotations, wherever applicable. Samples, if called for, should be submitted free of charges and collected back at the supplier's expenses.
8. Copy of Manufacturing licence, Principal or Authorized Distributor/Dealer Certificate, and Proprietary Certificate, as applicable, should be enclosed.
9. Quotations should be for **free delivery** at our Centre and should clearly specify the **delivery period**. If delivery quoted is Ex-Godown/Consignor Station, delivery charges consisting of freight, packing & forwarding charges, insurance, etc. should be indicated separately. Goods should be supplied duly carriage paid and insured.
10. GST Registration Number of NIELIT Calicut is: **32AAATD0315M1Z6**. GST or any other taxes may be charged as per the rates applicable to Scientific/Educational institutions.
11. Security Deposit @ 5% of the Purchase Order/Invoice value shall be retained, in case order/contract value exceeds Rs.1 lakh, which will be released after the expiry of warranty period.
12. Goods shall not be supplied without an official purchase order.
13. Payment : Payment will be made after completion of supply, installation/assembly and commissioning of the items covered by the order along with necessary spares supplied to the entire satisfaction of NIELIT CALICUT. Payment against invoices shall normally be made within 30 days of receipt and acceptance of equipment/materials at our office. **No advance payment will be made under any circumstance.**
14. Incomplete quotations and quotations which do not comply with all the above instructions are liable to be summarily rejected.
15. NIELIT CALICUT does not bind itself to accept the lowest or any such quotation and has the right to accept or reject whole or any part of tenders or a portion of the supply of goods without assigning any reasons. No correspondence in case of rejected tenders will be entertained.
16. **Earnest Money Deposit (E.M.D.) for Rs. 17,000/- be deposited by NEFT in the Bank Account No. 10401158037 (IFSC: SBIN0002207) at State Bank of India, NIT Calicut Branch, CREC Campus, Chathamangalam, Calicut – 673 601, in favour of Director, NIELIT CALICUT, failing which the quotation will be rejected. Proof of Deposit of EMD amount with Tenderer's Bank Account No. and IFSC No. should be submitted with the Quotation.**

Yours faithfully,

**Purchase In-Charge
For Executive Director**

Encl: Annexure

ANNEXURE TO ENQUIRY

Your Quotation No.

Date:

1	Name of item(s)	1500VA/1500W AC DC Power Source QTY. 1 No.
2	Specifications & Quantity As per Specifications attached.	
3	Price per unit in Rs. (in figures & words)	Attach separate list, if required.
4	Total Price in Rupees (in figures & words)	
5	Delivery Period	
6	Terms of Delivery	
7	Taxes, Duties, Octroi & any other statutory levies or charges	
8	Transportation, Insurance, Packing & Forwarding etc.	
9	Discount/off etc., if any	
10	GST Registration No.	
11	Payment Terms	
12	Validity of Tender	
13	Warranty	
14	Any other remarks / EMD Amount and Payment details	
15	Signature of the Tenderer with Name and Date	
16	Address with Email ID & Mobile No.	
17	Central Public Procurement Portal (www.eprocure.gov.in) Registration, Email login ID	

NB: (1) The prices quoted and Taxes charged should be Academic/Educational Prices/rates, wherever applicable.

(2) Enquiry for the above items and specifications can also be downloaded from our website
<http://nielit.gov.in/calicut> or www.eprocure.gov.in

(3) Please register at www.eprocure.gov.in and intimate login details without fail. Watch website for regular updates

Specification of 1500VA/1500W AC DC Power Source Qty. 1 No.

Sl.No	Parameter	Specification
AC/DC Mode		
1	Output Phase	1-Phase
2	Output Voltage	0-400V ac rms 0-500V DC
3	Output Current	7.5 A (RMS) at 200 VAC. 6.0A at 250V DC
4	Output Power	1,500 VA/ 1,500 W
5	Voltage Resolution	≤0.05 V, AC, DC, and AC+DC mode
6	Current Resolution	≤5mA, AC, DC, and AC+DC mode
7	DC Offset Voltage, Typical	≤ ±25 mVDC
8	Voltage Stability Typical	±0.1% of full-scale over 8 hours; with constant line, load, and temperature; with sense leads connected
9	Voltage Distortion	≤ 1%,
10	Voltage Slew Rate, Typical	≥10 V/μs with full-scale programmed voltage step
11	Line Regulation	≤±0.02% of full-scale voltage, for a ±10% input line change
12	Load Regulation	≤ ±0.04% of full-scale voltage, for 100% of rated resistive load change
13	Current Crest Factor	≥ 5:1 of full-scale current (Peak to RMS ratio)
14	Frequency Range Frequency Resolution	DC, and 16 Hz to 550 Hz AC
AC Input		
15	Input Voltage	200-240 VAC; 50Hz, 1-Phase
16	Input Power factor	> 0.95
AC Output		
17	Phase range	0 - 360 degree
18	Peak Current Range	≥ ± 0-75 A(PK)
19	Real Power Resolution	≤ 1W
20	Power factor range	0 - 1
21	Power factor resolution	≤ 0.02
DC Output		
22	Voltage Range, Full-Scale	≥ ±500 VDC
23	Peak Current Range	≥ ± 0-75 A(PK)
24	Power Resolution	≤ 1W
Protections		
25	1. Output Overvoltage Protection 2. Output Current Limit Protection	

		<ul style="list-style-type: none"> 3. Output Short-Circuit Protection 4. AC Input Over current Protection 5. AC Input Under voltage Protection 6. AC Input Transient Protection 7. Over temperature Protection (OTP)
26	EMC	Should have CE marked for EMC Directive 89/336/EEC per EN61326-1:2013, Class-A for emissions and immunity as required for the EU CE Mark.
27	Safety	Should have CSA NRTL certified for US and Canada to CAN/CSA-C22.2 No. 61010-1-12, UL 61010-1 Third Edition. CE marked for LVD compliance 2006/95/EC to EN 61010-1 Third Edition as required for the EU CE mark.
28	RoHS	Should have CE marked for compliance with EU Directive 2011/65/EU for Restriction of Hazardous Substances in Electrical and Electronic Equipment.
29	Communication	LXI LAN, USB / RS232
30	Software	Should have control software to configure the instrument, Output parameters, different wave shapes, etc
31	Warranty	3 Years. Quote separately for additional 2 years

Sign of Authorized Signatory with Name & Seal