

	<p>भारतीय प्रौद्योगिकी संस्थान पालक्काड Indian Institute of Technology Palakkad अहलिआ एकीकृत कैम्पस, कोज़िपारा Ahalia Integrated Campus, Kozhipara पालक्काड- 678557 Palakkad – 678 557</p>	<p>दूरभाषसंख्या/ Phone no: 04923 – 226300/590/586</p> <p>ईमेल/ Email : purchase@iitpkd.ac.in</p>
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Ref No: IITPKD/CC/002/2017

Date: 12.04.2017

Due Date of the tender: 27.04.2017@ 3.30 PM

TENDER FOR INVITING QUOTATIONS

Dear Sirs,

On Behalf of Indian Institute of Technology Palakkad quotations are invited for **“Supply, installation, testing, and commissioning of 60kVA UPS with 30 minute backup handling 3 phase input and 3 phase output”** confirming to the specification in the Annexure.

- 1. Preparation of Bids:** - The tenders should be submitted **under two-bid system** (i.e.) Technical bid and Financial bid. The technical bid should consist of all technical details along with commercial terms and conditions. No prices should be included in technical bid. Financial Bid should indicate item – wise prices for the items mentioned in the technical bid. The technical bid and the Financial should be put in separate cover and sealed. Both sealed covers should be put into a bigger cover
- 2. The Quotations** duly sealed and superscribed on the envelope **with the reference No. and due date, should be addressed to the undersigned so as to reach him on or before the due date stipulated above. Fax and Email quotation are not acceptable.**
- 3. The price** should be quoted per unit and packing and delivery charges should be indicated separately. The offer/bids should be exclusive of Taxes and Duties, which will be paid by the purchaser as applicable. However the percentage and of taxes and duties as on date should be clearly indicated.
- 4. The Quotations** should be valid for **sixty days** from the due date and the period of delivery required should also be clearly indicated.
- 5. If the item** is under DGS&D Rate contract No. and the price must be mentioned. It may also please be indicated whether the supply can be made direct to us at the Rate contract price (Please note that we are not Direct Demanding Officers). If so please send copy of the RC.
- 6. Local Firms:** Quotations should be for free delivery to this Institute. If Quotations for Ex-Godown delivery charges should be indicated separately.

7. Firms outside Palakkad: Quotations should be for **F.O.R. at IIT Palakkad**. If F.O.R. consignor station, freight charges by passenger train / lorry transport must be indicated. If Ex-Godown, packing, forwarding and freight charges must be indicated.
8. Goods should be supplied carriage paid and insured.
9. Goods shall not be supplied without an official supply order.
10. **Excise Duty & Custom Duty:** IIT is exempted from payment of Excise Duty. Excise duty certificate will be issued after receipt of Proforma Invoice and the Custom Duty which will be paid at a concessional rate against duty exemption certificate.
11. **Payment:** Every attempt will be made to make payment within 30 days from the date of receipt of bill / acceptance of goods, whichever is later. **Please indicate actual product cost + Taxes separately.** No advance payment will be made. The Tenderer have to furnish the bank details along with tender like Account No, Account Name, IFSC Code etc.,
12. **Submission of Bids:** Quotation should be sent to the following address “**The Registrar, Indian Institute of Technology Palakkad, Ahalia Integrated Campus, Kozhipara, Palakkad -678 557, Kerala**”, Phone No: **04923 226 300/ 590/586** , Email : purchase@iitpkd.ac.in
13. **Delivery Period:** The quotation should indicate clearly when delivery and installation will be made. In case there is any deviation in the delivery schedule, liquidated damages may be enforced or penalty for the delayed supply period may be levied.
14. [The Tenderer should have Service centre in Palakkad, Coimbatore, Thrissur, Cochin, Bangalore or Chennai.](#)
15. **Late offer:** The quotation received after due date will not be considered. Please ensure that your offer is sent well in advance to reach the Institute by the due date.
16. **Warranty:** Warranty: 3 years onsite for UPS, 3 years onsite replacement for batteries.
17. **Acceptance and Rejection:** I.I.T Palakkad has the right to accept the whole or any parts of the Tender or portion of the quantity offered or reject it in full without assigning any reason.

Yours faithfully,

-----S/d-----

Registrar, IIT Palakkad

Encl: Specifications

ANNEXURE - I

Primary requirement: Supply, installation, testing, and commissioning of 60kVA UPS with 30 minute backup handling 3 phase input and 3 phase output.

General specifications

Topology: True online double conversion

Power : ≥ 60 kVA

Backup duration: > 30 minutes

Overall efficiency: $> 93\%$

Transfer time: 0 ms

Isolation transformer: Inbuilt

Approved OEMs

Emerson

Numeric

APC

GE

ABB

Input specifications

Input voltage range : 320 – 460V AC 3 phase

Input frequency : 45-55 Hz

Input Power Factor : > 0.95

Input Current Harmonics : $< 5\%$

Output specifications

Output voltage : 380 / 400 / 415 V AC 3 phase

Output frequency : 50Hz

Output capacity : ≥ 60 kVA

Output waveform : pure sine wave

Battery specifications

Battery type : SMF

Battery make : Panasonic / Exide / Amara Raja / UPS OEM brand

Monitoring and Maintenance

Remote monitoring interface : SNMP

Audible warning : overload, mains fail, battery low, system trip

Environmental specifications

Working temperature range : 10 – 50 degrees C

Relative humidity: 0 – 95% non-condensing

Optional requirements:

*) LCD indicating UPS state, input voltage, output voltage, battery voltage, battery charge

*) Static bypass: Automatic and manual

*) Ports: RS232 and USB

*) Powder coated racks