

**INDIAN INSTITUTE OF TECHNOLOGY DELHI  
HAUZ KHAS, NEW DELHI- 110016, INDIA.**

**Ref. No.: IITD/OEOC/FOG/UPS/23602**

**Date: 28/08/2017**

**NOTICE INVITING QUOTATIONS**

**Item Name: 20KVA Online UPS.**

**Due Date: 12/09/2017.**

Quotations are invited for the purchase of **20KVA Online UPS**, as per the detailed specifications given below. Please submit **Quotations** to reach the address given below by **5 PM** on **12/09/2017**.

**Specifications:**

**20KVA Online UPS – 1 Unit**

- (1) Adjustable Input Voltage: 190VAC- 478VAC for three phases.
- (2) Input Frequency Range: 45Hz-55Hz
- (3) Phase: Three Phase with ground.
- (4) THDI: <5% with R Full Load.
- (5) Power Factor: 0.99@ R Full Load.
- (6) Output Voltage: 230VAC
- (7) Output Voltage Regulation: < 1%
- (8) Output Current Crest Ratio: 3:1
- (9) Output Harmonic Distortion: 2% @Linear Load, 5% @Non Linear Load
- (10) Output Waveform: Pure Sine Wave
- (11) Output Over Load capacity: 5min@ 100%~110% Load
- (12) Line Mode & Battery Mode Efficiency: >93% Full Load and Battery Charged.
- (13) Battery Type: 12V
- (14) Operating Temp.: 0-45°C
- (15) Relative Humidity: 0-95% (Non Conducting)
- (16) Interface: USB/RS232
- (17) EPO: Emergency Power Off.
- (18) Warranty: 3 Year (1+2 (extended years))

Please furnish brochure cum data sheets from the original manufacturer for the specifications of the item quoted.

**TERMS & CONDITIONS COVERING SUBMISSION OF QUOTATIONS:**

- 1. PRICING:** Please quote the rates for **F.O.B.** price (Air Freight).

P.T.O.

- 2. DISCOUNT/REBATES:** Special discount/rebate wherever admissible, keeping in view that the supply is being provided for educational purpose in respect of public institution of national importance, may please be indicated.
- 3. TERMS OF PAYMENT:** Payment against delivery (Wire Transfer after receipt of item).
- 4. VALIDITY OF QUOTATIONS:** Quotations should be valid at least for a period of 90 days.
- 5. DEALERSHIP CERTIFICATE:** Letter from manufacturer to be attached for authenticity of dealership/agency. Quotations without authorized dealership certificate will be rejected. Please note that either the manufacturer or the authorized dealer can submit quotation, but both could not submit quotation for the above item.
- 6. PROPRIETARY CERTIFICATE:** If the items are proprietary in nature, please furnish the proprietary item certificate.
- 7. COMPLIANCE STATEMENT:** Please include a statement of compliance of all the above specifications.
- 8. CORRESPONDANCE:** No correspondence regarding acceptance/rejection of a quotation will be entertained.
- 9. INSTITUTE'S RIGHTS:** IIT Delhi reserves the rights of acceptance or rejection of any or all quotations.

Quotations may please be sent to:

**Prof. R. K. Varshney**

**Department of Physics**

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**New Delhi – 110016**

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