

DEPARTMENT OF ELECTRONIC SCIENCE  
Faculty of Science  
University of Calcutta  
92 APC Road, Kolkata-700009, India

NOTICE INVITING TENDER

SUPPLY OF WATER PURIFICATION SYSTEM

Ref. No. ES/SC/DIW/WB-DMF/19

Date: 17/07/2019

Quotations are invited from authorized parties for supplying the **Ultrapure Water Purification System** to generate De-ionized water (DI water) for performing semiconductor processing works. The suppliers are hereby requested to submit quotations for the specified item including current trade license, GST, PAN, and other credentials within **7 days** from the publication of this notice in a sealed envelope addressed to **Dr. Sanatan Chattopadhyay, Department of Electronic Science, University of Calcutta, 92 APC Road, Kolkata-700009**. The price should be inclusive of relevant taxes/charges showing break-up. The authority reserves the right to accept/reject any quotation without showing any reason thereof.

**Technical Specifications**

• System should be portable and dimensions (H x W x D):	< (2.0 x 1.0 x 1.5) feet
• Final Resistivity of the water:	18.2 M $\Omega$ -cm or better
• Total Organic Carbon	$\leq$ 5 ppb or better
• Particulates (> 0.25 $\mu$ m)	< 1 particulate/mL or better
• Bacteria	< 0.1 CFU/mL or better
• Pyrogens	< 0.001 EU/mL or better
• RNases	< 0.01 ng/mL or better
• DNases	< 4 pg/ $\mu$ L or better
• Flow Rate	$\geq$ 0.5 L/min
• Feed water	Double Distilled water
• Electrical power supply:	220 V, 50 HHZ
• Built-in removable reservoir	Yes
• Life time of the UV Lamp	$\geq$ 2 Years

For submission of tender and for any further queries please contact: [scele@caluniv.ac.in](mailto:scele@caluniv.ac.in)

*Shattopadhyay*



UNIVERSITY OF CALCUTTA  
DEPARTMENT OF ELECTRONIC SCIENCE

92, Acharyya Prafulla Chandra Road, Kolkata – 700 009

NOTICE INVITING TENDER

SUPPLY OF 2 KVA UPS WITH ISOLATION TRNSFORMER

Ref. No. ES/SC/UPS/WB-DMF/20

Date: 19/07/2019

Quotations are invited from authorized parties for supplying the 2KVA online UPS system with Isolation Transformer for the backup of Solar simulator system. The suppliers are hereby requested to submit quotations for the specified item including current trade license, GST, PAN, and other credentials within 7 days from the publication of this notice in a sealed envelope addressed to **Dr. Sanatan Chattopadhyay, Department of Electronic Science, University of Calcutta, 92 APC Road, Kolkata-700009**. The price should be inclusive of relevant taxes/charges showing break-up. The authority reserves the right to accept/reject any quotation without showing any reason thereof.

**Technical Specifications:**

- 2 KVA/ 72V DC online UPS system with in-built Isolation Transformer.
- Input voltage range: 160 V - 270 V, 50 Hz.
- Output voltage: 220 Voltage, 50 Hz.
- Input power factor: > 0.99.
- Battery: 6 x 26 AH / 12 V, SMF for 30 min backup.
- Appropriate Rack and Connecting wire.
- Battery make: Excide / Quanta.
- Company should have ISO - 9001/ 14001/ 18001 certification.
- Safety certificate: EN50091
- MSME/NSIC certified.
- 2 years warranty.
- Preference will be given for the supporting documents to show that the quoted UPS has been already used in Solar Simulator System.

For submission of tender and for any further queries please contact: [scelc@caluniv.ac.in](mailto:scelc@caluniv.ac.in)

*Sanatan Chattopadhyay* 19/07/19  
Sanatan Chattopadhyay  
(Principal Investigator)

**Dr. SANATAN CHATTOPADHYAY**  
Associate Professor  
Dept. of Electronic Science  
UNIVERSITY OF CALCUTTA  
92, A. P. C. Road, Kolkata-700 009