



Indian Institute of Technology Kanpur

Samtel Centre for Display Technologies

Enquiry number: SCDT/FlexE/2015-16/17

Date: 23/10/2015

Subject: Sealed Quotations from prospective vendors are invited by Samtel Center for Display Technologies, IIT Kanpur for the BUYBACK (repurchase) supply and installation of **“Water Purification System”** with following specifications:

Note: All vendors are requested to send **“Technical and Financial Bid”** should submitted together in separately sealed envelopes.

Technical specifications for Water Purification System:

- The System should have features like reverse osmosis and deionization cartridge for pretreatment, which should help in removal of ions, organics, particulates and colloids.
- System should contain mixed bed ion exchange resin for the removal of ions, and trace ionic and organic contaminants.
- It should be a combination of technologies to produce ultra-pure water directly from tap.
- Ionic rejection should be at least 90% to 100%
- The Organic rejection for MW & Bacteria and particulates should be at least 95% to 100%
- System must have specific filter pack, product resistivity cells, preset of fixed volume dispense features etc.
- System should have final water quality including
Resistivity up to at least 18 to 20 Mega Ohm cm.
Conductivity at least 0.055 uS/cm
TOC at least < 10 ppb
Bacteria: < 0.1 cfu/ml
Flow rate should be 0.5 L/min
Particulates > 0.22um : <1 particulate/ml
Endotoxin (pyrogens) : < 0.001 EU/ml
DNases : < 4pg/μ
RNases : < 0.01ng/ml
Production flow rate 3 l/h @ 25 C +/- 15%
- It should have integrated reservoir with tap for dispensing RO water including features like automatic recirculation, when the system is not in use.
- System should have feed water handling of conductivity up to 1800-2000 microS/cm or above.
- It should have free chlorine up to 3ppm & fouling index should be at least 12.

Buy Back (repurchase) product details

- electric rating : 230V 50Hz 60VA
- fuse : 5*20mm TIA 250V
- Cat. No. : 2MQS 50001
- Lat. No. : F3PN29286
- Serial No. : F3PN29286D
- Date of purchase : 10/02/2004

Terms and Conditions:

1. Evaluation will be done on the basis of offered Buy Back price by vendor and technical specifications as per our tender notice for water purification system.
2. Financial bid will be open only for those, who meet best buy back price quoted and tender specification.
3. Please do mention tender number clearly on envelop.
4. Please send the name and contact details of at least 6 person to whom company had supplied & installed a similar systems at Indian Institute of Technology. Committee may ask for the feedback.
5. The supplier must have supplied systems to institutions of national and/or international repute.
6. Quotation must indicate FCA or FOB prices.
7. Payment terms & condition is 70% against delivery, 20% after installation and 10% after successful running of equipment for 3 months & approval.
8. Warranty/Guarantee should be clearly mentioned. The Warranty must start from the date of installation at IITK.
9. Installation, demonstration, and training-sessions at IIT Kanpur will have to be provided by the manufacturer or the vendor for the quoted system.
10. Quotation should carry proper certifications like proprietary certificate, authorization certificate from manufacturer, etc.
11. Validity of quotation should be at least for 60 days.
12. Maximum educational discounts should be applied.
13. Quotation must indicate FCA or FOB prices.
14. Institute is exempted for partial custom duty (CD applicable to IIT Kanpur is 5.15%).
15. Institute is exempted from payment of Excise Duty under notification No. 10/97.
16. The delivery period should be specifically stated. Earlier delivery may be preferred.
17. The indenter reserves the right to withhold placement of final order. The right to reject all or any of the quotations and to split up the requirements or relax any or all of the above conditions without assigning any reason is reserved.

Kindly send the quotation in sealed envelope latest by 06/11/2015 to the following address;

To,
Dr. Monica Katiyar
Room No.305,
Samtel Centre for Display Technologies (SCDT), Indian Institute of Technology Kanpur,
Kanpur – 208016, Uttar Pradesh, India