



Indian Institute of Technology Kanpur Samtel Centre for Display Technologies

Enquiry number: SCDT/FlexE/2016-17/24
Date: December 22, 2016

Quotations from prospective vendors are invited by Samtel Center for Display Technologies, IIT Kanpur for high quality water bath circulator and must have following minimum technical specifications.

Microprocessor Based Heating Circulator for External Temperature application

Working temperature range (°C): Ambient Plus ... +300

Temperature stability (°C)/Display Resolution:±0.01/0.01 °C

Heating capacity: 3kW or better

Temperature Display: VFD COMFORT DISPLAY

Pump capacity flow rate: 22-26 liter/min

Pump capacity flow pressure: 0.4-0.7 bar

Pump capacity flow suction: 0.2-0.4 bar

Bath opening / bath depth (W x L / D cm): 13 x 15 / 20 or better

Filling volume with Integrated Stainless steel bath tank: 6litre

External Pt100 sensor connection: integrated

Digital interface: RS232

Integrated programmer: 1x10 steps or better

Included with each unit: barbed fittings for tubing 12 mm inner dia. (pump connections M16x1 female).

ATC3 3-Point-Calibration

SMART PUMP, electronically adjustable pump stages

ICC (Intelligent Cascade Control), self-optimizing temperature control

Early warning system for high/low temperature limits Maximum safety for application

Early warning system for low liquid level

Necessary Accessories need to be quoted Viton Tubing, insulation, External Pt-100 sensor

OPTIONAL ACCESSORIES

Thermal Bath Liquid for entire temp range.

Terms and Conditions:

1. Please do mention tender number clearly on envelop.
2. Supplier/Vendors should submit **technical and financial bid together in separately sealed envelopes.**
3. Financial bid will be open only for those, who meet tender technical specification.
4. Please send the name and contact details of the person to whom company had supplied a similar systems. 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/FOB or FOR IIT Kanpur 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. Institute is exempted for partial custom duty (CD applicable to IIT Kanpur is 5.15%).
14. Institute is exempted from payment of Excise Duty under notification No. 10/97.
15. The delivery period should be specifically stated. Earlier delivery may be preferred.
16. 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 3:00 pm on dated 03/01/2017 to the following address:

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