



# Indian Institute of Technology Kanpur

## Samtel Centre for Display Technologies

Inquiry number: SCDT/FlexE/2015-16/31

Date: 01/02/2016

Quotations from prospective vendors are invited by Samtel Center for Display Technologies, IIT Kanpur for **DIGITAL SONIFIER**

Note: **The technical and financial bid should be submitted together in separately sealed envelopes.**

We are looking for a **DIGITAL SONIFIER**. The **DIGITAL SONIFIER** must have following minimum technical specifications.

### Technical specifications for DIGITAL SONIFIER:

Sl. No	Specifications	Company specifications and model number of system	Complies/Does not comply/Not applicable
1	System should have Auto tune plus Memory (AT/M)- provides fully automatic tuning and stores frequency at the end of each cycle and Supplied with converter and ½ " diameter tapped horn.		
2	It should have Multiple mode operation- continuous, pulsed, timed, and temperature end point		
3	It must have Setup menu in five languages		
4	The system should have Digital Parameter setting with valid parameter range checking, and digital timer (9hours, 59 minutes, 59 seconds)		
5	The Amplitude is adjustable from 10-100%		
6	The system should have User I/O offers remote start/stop control and the ability to view temperature, amplitude, and power values during experiments		
7	It must have the automatic end-of-cycle shutoff using limit parameters		
8	The system must have 80 character LCD display for process, monitoring and alarm indication.		
9	It must have Printer interface with date stamp.		

10	The system have Broad process range from 1 ml to over 500ml per sample, and RS232 serial port for convenient computer interface		
11	System must have twenty user programmed pre-sets for convenience.		
12	System should be quoted with Independent user I/O for remote start/stop control and Internal self-diagnostic package to assure Optimum performance.		
13	System must be Supplied with standard ½” titanium horn that is suitable for many applications.		
14	The compact design limits required counter space and sloped front control panel for visibility and easy control access.		
15	The system must includes a high-efficiency converter which requires no internal cooling.		
16	It should have the wide range of dedicated accessories to meet special needs		
17	The system must have Sound Proof Enclosures		
18	It must have the Double step 1/8” micro tip (coupler & lower portion) two piece horn for very small quantities & low/medium power applications.		
19	It must have the Tapered 1/4” micro tip for ½” tapered horn		

Terms and Conditions:

1. **Supplier/Vendors should submit technical and financial bids together in separately sealed envelopes.**
2. Supplier who has supplied at least 5-6 similar **DIGITAL SONIFIER** in the national and international institutions in last two years will be preferred.
3. Financial bid will be open only for those, who meet tender technical specification.
4. **Please do mention tender number clearly on envelop.**
5. Please send the name and contact details of the person to whom company had supplied a similar systems. Committee may ask for the feedback.
6. The supplier must have supplied systems to institutions of national and/or international repute.
7. Quotation must indicate FOB prices.
8. Payment terms & condition is 70% against delivery, 20% after installation and 10% after successful running of equipment for 3 months & approval.
9. Warranty/Guarantee should be clearly mentioned. The Warranty must start from the date of installation at IITK.

10. Installation, demonstration, and training-sessions at IIT Kanpur will have to be provided by the manufacturer or the vendor for the quoted system.
11. Quotation should carry proper certifications like proprietary certificate, authorization certificate from manufacturer, etc.
12. Validity of quotation should be at least for 60 days.
13. Maximum educational discounts should be applied.
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 envelopes latest by 3:00 pm on dated 11/02/2016 to the following address:

To,  
Dr. Monica Katiyar  
Room No.306,  
Samtel Centre for Display Technologies (SCDT),  
Indian Institute of Technology Kanpur,  
Kanpur – 208016,  
Uttar Pradesh, India