



## Indian Institute of Technology Kanpur National Centre for Flexible Electronics

**Enquiry number: SCDT/FLEXE/2017-18/05**

**Date: May 11, 2017**

**Opening Date: 11/05/2017**

**Closing Date: 19/06/2017 (extended)**

Quotations from prospective vendors are invited by National Centre for Flexible Electronics, IIT Kanpur for **Printhead recovery system** with following minimum technical specifications.

### **Technical specifications requirement**

- System should be compatible with following printhead types: Spectra 128 printheads, KM 512 printheads, KM 1024 printheads Forward, reverse and through flushing.
- System should have high pressure flushing, up to 25 psi
- System should have vacuum assisted flushing
- It should have adjustable pressure for flushing
- It should have Ultrasonic tank: 75 kHz, Adjustable power
- System should have two stage filtering
- It should have automatic pressure control
- System should have automatic temperature control
- It should control and monitoring of printhead pressure
- System must have high performance pumps
- System should be easy maintenance / filter replacements
- It should be all-solvent proof
- System should have proven technology / track record
- It must be programmed / automatic recovery cycles
- System should have gauges for monitoring of vacuum
- System should have solid housing with all components integrated
- Warranty should be on machine 1 year & on pumps 3 years

### **System should have following accessories**

- Cleaning solutions
- Spare filters
- Adapters
- Spare parts

**Terms and Conditions:**

1. **Supplier/Vendors should submit technical and financial bids together in separately sealed envelopes.**
2. Financial bid will be open only for those, who meet tender technical specification.
3. **Please do mention tender number clearly on envelop.**
4. The supplier must have supplied systems to institutions and/or companies of national and/or international repute.
5. Quotation must indicate FOB/FCA prices.
6. Payment terms 70% advance, 30% after installation.
7. Warranty/Guarantee should be clearly mentioned. The Warranty must start from the date of installation at IITK.
8. Quotation should carry proper certifications like proprietary certificate, authorization certificate from manufacturer, etc.
9. Validity of quotation should be at least for 60 days.
10. Maximum educational discounts should be applied.
11. Institute is exempted for partial custom duty (CD applicable to IIT Kanpur is 5.15%).
12. Institute is exempted from payment of Excise Duty under notification No. 10/97.
13. The delivery period should be specifically stated. Earlier delivery may be preferred.
14. 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 dated 19/06/2017 to the following address:

**To,  
Dr S.J.Tripathi,  
Room No.305,  
National Centre for Flexible Electronics (NCFlexE)  
Samtel Centre for Display Technologies (SCDT),  
Indian Institute of Technology Kanpur,  
Kanpur – 208016, Uttar Pradesh, India**