



Indian Institute of Technology, Kanpur

Department of Chemical Engineering

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December 19, 2011

Quotation Request Notice

Sealed quotations are invited from dealers/distributors by 'The Flow Cytometer' of at least following specifications. The quote should be submitted to the Department of Chemical Engineering, IIT Kanpur by 29.12.2011.

Enquiry No: PG research/CHE/SS

Opening date: 21.12.2011

Closing date: 29.12.2011

The Following Specifications are as under:

- The complete optical system should be a one solid metal block, compact, fully equipped portable instrument devoid of any paraphernalia like gas cylinder ,pressure regulator etc
- The instrument is to be equipped with Bluesolidstatelasers:20mW@488nm
Red diode laser: 25mW@635nm.
- System should be upgradable to other laser Violet 50 mW/UV 375 nm/561 Nm and should be quoted in optional
- System should have capability for 4 color system and 6 Parameter system and on time parameter
- System should have the facility for future on field up gradation to piezo sorter and 96 well plate autoloader capability
- Synthetic Quartz flow cuvette (Channel dimension 250 μ m x 250 μ m)
- The system should have internal CCD camera for video flow cell monitoring

- True volumetric absolute counting based on precise counting and fluid volume measurements
- Volume is measured directly by mechanical means rather than by calibration with expensive beads
- Computer controlled syringe pump for contamination free sample transport
- Pump speed can be adjustable from 0-1200µl /min
- Sheath fluid pressure continuously adjustable from 0-500 mbar
- Automated N –color compensation both online and offline
- Report should be in word/excel/power point document integration

Terms & Conditions of the quotations are as under:

1. The quotations should be submitted in the properly sealed envelope, addressed to the undersigned. The enquiry no. and date should invariably be quoted on the top of the envelope.
2. The time allowed for carrying out the above note work is 15(fifteen days) days.
3. The rate quoted should be inclusive of sales tax and other taxes including freight charges (if any).
4. The quotations shall remain valid for two months from the date of opening.
5. The material should be used as per enclosed approved list of make.
6. The Institute reserves the right of accepting or rejecting any quotations without assigning any reason thereof.

Kindly send your quotation before respected date in the following address:

Sri Sivakumar

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