

## Automatic Cell Counter with Fluorescence Detection System

Date: 22.3.2011

- Cell Size from 10  $\mu\text{m}$  to 300  $\mu\text{m}$  and sample volume 20 -50 $\mu\text{l}$ .
- Cell Concentration Range:  $2.5 \times 10^5$  to  $1 \times 10^7$  cells/ ml.
- Image modes with bright field and minimum two fluorescence channels with the following excitation and emission filters ( 475 nm / 535 nm and 525 nm / 595 nm)
- Capable of acquiring both bright field and fluorescent images from the same sample.
- Image analysis software should be included for analyzing the cell size, distribution and fluorescence intensity.
- Instrument should be able to generate output data such as total cell counts, concentration, viability, cell sizes and fluorescence intensity.
- Real-time cellular imaging and information regarding size and numbers.
- Data acquisition via Windows based software, to the PC for analyzing the results.
- Suitable Voltage Stabilizer as necessary may be provided with the equipment
- Technical and price bids to be given under separate covers.
- A warranty of two years is necessary.

General Terms and Conditions: as per rules of IIT Delhi

1. Quotations to be made in sealed envelope Technical and commercial bids must be sent separately in two sealed envelopes, subscribed with "technical bid" or "commercial bid" and put together in one envelope address to Prof. Harpal Singh, CBME, Block III/297, IIT, Hauz Khas, new delhi-110016 latest by 5<sup>th</sup> April 2011.
2. Price must be quoted <sup>FOB</sup> CIF, IIT Delhi
3. Mode of payment as per institution rules.
4. The cost should include installation and demonstration.
5. Warranty and delivery period should be mentioned.
6. Tax/Vat should be clearly indicated in the quotation.
7. Printed brochures/catalogue should be provide.

✓ Copy to <sup>CSC</sup> Librarian: Please load this quotation on IIT website.

Dept.: BIO-MED. ENGG.  
Ref. No.: 20.11...CBME...268...  
Date: 23/3/11

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