

Enquiry No. IITK/BSBE/JGR-5620/2016-17/02

Dated: 2<sup>nd</sup> January, 2017

**EXTENSION OF TIME**

**Enquiry for Flow cytometer**

We would like to purchase a Flow cytometer for our laboratory. Offered product should take into account the specifications, given below:-

- 1 Flow cell based equipment, utilising hydrodynamic based technology.
- 2 Flow cytometer is required with two lasers: 488 nm, blue laser and 633- 640 nm red laser.
- 3 System should have four fluorescence detectors and two light scatter detectors (forward & side scatter) with total six parameters measurement capabilities.
- 4 All Lasers & their excitation & collection optics should be fixed & pre-aligned.
- 5 Minimum Detectable Particle Size should be 0.5  $\mu$ m
- 6 System should have events per second at 10,000/eps.
- 7 System should have Fluorescence Sensitivity at least MESF FITC <150; PE <100 .
- 8 System should be able to do absolute counting of cells without using any reference bead.
- 9 System should have 24 bit signal processing and digital data with 7decade dynamic range for an ease to user making all data available for analysis.
- 10 System should able to accept many types of manual sample tubes such as 1.5ml, 2 ml, 5 ml, PCR tubes.
- 11 System should be upgradable to minimum 24 tubes rack loader and plate loader of 96 well plate. This must be quoted as an option.
- 12 System should be quoted with latest compatible computer from source with monitor.
- 13 System should be fixed aligned with pre-optimized detector voltage to avoid daily adjustment.
- 14 Five Installations of similar model in India in similar Govt. organization is required.
- 15 Sample kits for demonstration should be included.

**Terms and Conditions:-**

- 1.Details of the items including relevant accessories with technical specifications should be mentioned in detail.
- 2.Prices should include delivery up to IIT Kanpur.
- 3.Comprehensive Warranty should at least be for 3 (three) years after installation.
- 4.Validity of quotation should be at least for 30 days.
- 5.Delivery period should be within 4 weeks from the date of purchase order.
- 6.Technical and financial bids should be sent separately in sealed covers.
- 7.Proprietary Certificate should be included, if relevant.
- 8.Installation and training will have to be done on the site free of charge.
- 9.Send the detailed quotation along with your authorized dealer certificate to the address, given below within one week of this advertisement. i.e. latest upto 2 p.m. of **9<sup>th</sup> January, 2017**.

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