

Dear Sir/Madam,

Kindly send your best quotation for the following instrument with indicated accessories on C.I.P. Bangalore basis to the undersigned. Your quotations for this instrument needs to be distinct and should clearly indicate the terms of delivery, delivery schedule, entry tax, payment terms, etc. The tender should be submitted in two separate sealed envelopes: one containing the technical bid and the other containing the commercial bid, both of which should reach the undersigned, duly signed on or before 1700 hours April 25, 2016.

The technical bid must include details of technical specifications of the equipment along with commercial terms and conditions; however, the price components should NOT be shown.

The commercial bid must include the price of the item indicating the break-up of the following:

- (i) The price of the goods quoted on FA (named place of delivery abroad) or FOB (name of port of shipment).
- (ii) The charges for insurance and transportation of the goods by Air up to Bangalore.
- (iii) The agency commission charges, if any.
- (iv) The installation, commissioning and training charges including any incidental services, if any.

Please enclose a compliance certificate along with the technical bid.

Name and Specifications of the product: Flow cytometer cum cell sorter

1. The sorting technology should be of Cuvette flow-cell or Jet-in-air.
2. Should be capable of high FACS sorter with pre-aligned up to 5 lasers - 355nm, 440nm, 488nm, 561nm and 633/640nm.
3. The equipment should have specially separated four or more beam spots/pin holes for simultaneous laser excitation.
4. Should have minimum 6 color detection channels with appropriate dichroic and filters compatible for detecting following fluorophores:
 - a. Hoechst/ DAPI
 - b. CFP
 - c. *CFP-YFP FRET
 - d. GFP
 - e. *GFP – mRFP/mCherry FRET
 - f. mRFP/ TRITC/ PE
 - g. Cy3/Cy5/ Alexa 633* Emission channels for both donor and acceptor fluorophores should be available
5. System should be capable of acquiring and sorting at speeds between 50,000 – 1,00,000 events/second or higher.
6. Nozzle diameter should be between 50 – 200 µm.
7. The system should have Beadless Drop delay in place.
8. The sample input format should facilitate analysis of samples in volume with ranges of 0.1 ml - 15 ml.
9. The sample collection format should facilitate collection of sorted cells in 96, 24, 12, 6 well plates and tubes of volumes from 0.5 ml to 5 ml.
10. Should have provision of aerosol safety / biosafety shield.
11. The system should be provided with online acquisition license, upgradable at all times.
12. The system should have high end compatible acquisition workstation with Xeon processor, minimum 32 GB RAM, 2 TB HDD, SSD boot drive, 2 GB graphics card with 21 inch dual display monitor.
13. One off line workstation and 5 Offline analysis software licenses should be provided.

14. An UPS for the entire system with 1 hour backup time should be provided with the system.
15. The manufacturer/supplier should have local support.
16. The system along with computer should have warranty for 5 years.
17. The manufacturer/supplier should provide on-site support by way of making available a qualified operator (the emoluments should be for Junior Research Fellow for 5 years paid as per the Indian Institute of Science norms).
18. The startup kits including calibration, sheath fluid and cleaning reagents (fluidics) should be supplied.
19. Optional accessories to be quoted:
 - a. Biosafety cabinet for housing the entire instrument
 - b. Decontamination and sheath fluid for 5 years

Terms and conditions:

The vendor should have a good track record of having previously supplied similar Fluorescence-activated cell sorting instruments in India (please furnish the details).

The vendor should have qualified technical service personnel for the equipment based in India (preferably in Bangalore).

The payment will be through a Letter of Credit.

The lead time for the delivery of the equipment should not be more than 4 months from the date of receipt of our purchase order.

The validity period of the quotation should be 90 days.

Kindly indicate the import code of the items.

If the goods on arrival at the destination are found to be defective, they have to be replaced or rectified at the cost of the supplier within 15 days from the date of receipt of written communication from us. If there is any delay in replacement or rectification, the warranty period should be correspondingly extended.

The purchaser reserves the right to accept or reject any bid and to annul the bidding process and reject all bids at any time period to award of contract without thereby incurring any liability of the affected bidder or bidders.

Yours sincerely,
Medhamurthy R
Professor, Department of Molecular Reproduction, Development and Genetics GA08 Biological
Sciences Building
Indian Institute of Science
Bengaluru-560012

(on behalf of the purchase committee)