



Global Tender Enquiry for Flow Cytometer

This is Global Tender Enquiry for the supply of a flow cytometer analyser at the Centre for BioSystems Science and Engineering, Indian Institute of Science with a submission deadline of 29 April 2021 (5PM).

Procedure:

1. Please submit hard-copy of the proposal to the address specified at the end of this tender
2. Please submit a separate envelope containing technical specifications and matching sheet, and a separate envelope containing the financial bid
3. The technical proposal should contain a compliance table listed in the description section below, along with the detailed technical specifications
4. The compliance table should include all the items and in the same order. The first column should describe your compliance in a “Yes” or “No” response. If “No” the second column should state the extent of deviation. The “third” column should state the reasons for the deviation, if any. The fourth column can be used to compare your solution with that of your competitors or provide details as requested in the technical requirements table below.

	Description	Specifications
1.	Flow cytometer analyser	Multi-colour flow cytometer including fluorescence detection
Basic Technical Specifications		
2.	Optics (lasers)	3 lasers; 405nm, 488nm, and 633-640nm; Solid-state lasers
3.	Parameter capacity	Minimum 10 colour (fluorescence) and 2 scatter detection
4.	Upgradability	System should be upgradable to 12 colour (fluorescence). System should also be upgradable to universal plate (preferably both 96 and 384 well plates) and tube loader platform
5.	Sample Carryover	Lower than 0.1%
6.	System Specificity	<150 MESF-FITC and <100 MESF-PE
7.	Acquisition	At least 10,000 events per second
8.	Certifications	CE, IVD certified and 21CFR part 11 compliant
9.	Computer	A dedicated computer with 2 monitors must be provided for running the instrument
8.	UPS back-up	UPS or battery for at least 2 hours of use must be provided
9.	Software (part 1)	Software should control fluidics start-up and shutdown
10.	Software (part 2)	Software and system should be able to record area, width and height for every parameter simultaneously along with time parameter, and should have simultaneous threshold on all available parameters
11.	Software (part 3)	Software driven auto alignment and fine alignment features to ensure consistent performance must be available. The system should also be able to do compensation
Commercial Terms and Conditions		

11.	Customer base	Similar or Identical items must have been supplied to 5 laboratories in India
12.	Warranty & AMC	Minimum 1 + 2 years
13.	Support	Must have dedicated service and application support for a flow cytometer. Please provide details of the number of trained personnel in India who will provide support
10.	References	Please provide a list of two references from India
11.	Shipping	Please specify shipping cost and insurance till site
12.	Breakdown addressing	Service call within 48 hours of complaint registration

The deadline for submission of proposals is Thursday, 29 April 2021, by 5 pm

Chair
Centre for BioSystems Science and Engineering
3rd Floor, Biological Sciences Building
Indian Institute of Science
Bengaluru – 560012

Email: office.bsse@iisc.ac.in for any queries