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जैवप्रणाली विज्ञान तथा अभियांत्रिकी केन्द्र
भारतीय विज्ञान संस्थान, बेंगलुरु - 560012



To Whom It May Concern

This is Request For Quote (RFQ) from domestic (India based) manufacturers for the supply of a flow cytometer analyser, as part of a tender for the Centre for BioSystems Science and Engineering at the Indian Institute of Science.

Procedure:

1. Please submit hard-copy of the proposal to the address specified at the end of this tender
2. The deadline for submission of proposals is Friday, 22 January 2021, by 5 pm
3. The technical proposal should contain a compliance table besides the technical specifications listed in the description section below
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

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