INSTITUTE OF ADVANCED RESEARCH (IAR)

(Established Under Gujarat Private Universities Amendment Act, 2011)

The University for Innovation

REQUEST FOR QUOTE (RFQ)FOR SUPPLY AND INSTALLATION OF UPRIGHT FLUORESCENCE MICROSCOPE&FLOW CYTOMETER

INSTITUTE OF ADVANCED RESEARCH,
KOBA INSTITUTIONAL AREA,
GANDHINAGAR - 382426, GUJARAT - INDIA.
Tel: 079-61804300
Visit us: http://www.iar.ac.in, Email: procurement@iar.ac.in

RFQ NO: PC-04/2021

RFQ FOR SUPPLY AND INSTALLATION OF SCIENTIFIC EQUIPMENTS

Sealed bids are invited, from authorized distributors/dealers/manufacturers having a proven track record, for supply and installation of **Upright Fluorescence Microscope** **&** **Flow Cytometer** with following terms and conditions:

TERMS AND CONDITION OF THE QUOTES:

1. **Warranty/Guarantee:** One year onsite comprehensive warranty from the date of successful supply.
2. **Comprehensive Maintenance:** The successful bidder should provide the 03 years comprehensive maintenance including replacement of part**s** and ensure proper working of the item after completion of the Warranty/Guarantee period.
3. **Installation and Commissioning:** Free of cost at INSTITUTE OF ADVANCED RESEARCH (IAR), Gandhinagar
4. **Conditional Offer** will not be accepted.
5. **Period of Validity:** Bids shall remain valid for acceptance for a period of 90 days from the date of opening of the price bid.
6. **Acceptance of Tender:** The Authority of INSTITUTE OF ADVANCED RESEARCH (IAR), Gandhinagar does not bind itself to accept the lowest priced bid and reserves the right to reject any or the entire tender bids received without assigning any reason thereof. The authority may also decide to empanel more than one bidder or their certified authorized distributors/dealers and fix a price band for the product specifications offered by different companies/brands, compliant to minimum specifications asked in the tender. This is in view of the spectrum of products available in the market, requirements of the University.
7. **Tender Fees and EMD:** The tender fess of INR 1,500/- and EMD of INR 10,000/- to be paid via DD in favour of Institute of Advanced Research, payable at Gandhinagar.

8. **Bid:** Technical Bid and Price Bid should be submitted in two separate sealed envelope quoting reference number on the top of the envelope. Tender Fee and EMD should be enclosed with the Technical Bid documents, in separate sealed envelopes, stapled with the packet containing Technical Bid documents. The bidder can bid for all the equipment's or individually also. The bid should be submitted with covering letter specifying the scientific equipment's for which the price is quoted.
9. Only physical bids will be considered, the bid should reach on the address INSTITUTE OF ADVANCED RESEARC, KOBA INSTITUTIONAL AREA, GANDHINAGAR - 382426, GUJARAT - INDIA on or before 15th November, 2021. The University will not be responsible for any postal delays.
10. **IMPORTANT:**
    - **a)** University may accept or reject any or all the bids in part or in full without assigning any reason and does not bind to accept the lowest bid. The University at its discretion may change the quantity/upgrade the criteria/drop any item or part thereof at any time before placing the Purchase Order.
    - **b)** A bid submitted with false information will not only be rejected but also the bidder will be debarred from participation in future tendering process.
11. The bidders are requested to send any queries and questions on the email ID procurement@iar.ac.in.

Seal and Signature of the Bidder

TECHNICAL SPECIFICATION AND PRICE BID

(Item:1) Upright Fluorescence Microscope				
The required specification for the machine is as follows:				
SR No	**Particular**	**Rate per Unit**	**Consolidated Rate for AMC for 03 Years**	**Total Amount in INR**
1	Fluorescence Microscope should be upright with high resolution			
2	The microscope should be suitable for bright field, phase contrast, Dark field and Fluorescence microscopy			
3	The Microscope should have infinity color-corrected system (ICS) optics with high contrast and resolution.			
4	The nosepiece should have 6 slots for objectives and should have slot for DIC			
5	Illumination system should be with Halogen or high intensity LED illumination			
6	Long working distance objectives with high contrast and resolution common for bright field, fluorescence, phase contrast and DIC technique. Magnification of objective lenses should be 4x/10x/20x/40x/63x/100x (plan achromat/flour/apochromat).			
7	The higher objective lenses should be oil immersion with numerical aperture of 1.4 or higher.			
8	Fluorescence filters should be suitable for observation of GFP, RFP and DAPI			
9	Microscope should have cooled CCD camera with resolution not less than 3 Mpixels.			
10	Camera speed should be fast minimum 28fps at higher resolution.			
11	Microscope should have software for imaging, and other analysis related requirement			
12	The microscope and accessories excluding consumables should be for **minimum 2-year warranty** from the date of installation			
13	Company should provide training (free of charge) to the user about the use of Microscope			
14	State-of-art compatible computer system with latest configuration along with 23" monitor should be supplied			
15	Vendor should provide the detail list of installation in India			
16	The microscope must be latest in technology and should have facility to upgrade in future if required.			
Optional items:				
1	Recording of live cell facility			

(Item: 2) Flow Cytometer

1. Three (3) laser ten (10) parameter Flow Cytometer

The required specification for the machine is as follows:

SR No	Particular	Rate per Unit	Consolidated Rate for AMC for 03 Years	Total Amount in INR
1	Flow cytometer should be equipped with (i) blue laser (ii) red laser and (iii) Violet laser			
2	Flow cytometer should have minimum capability of 8 fluorescent color scan and 10 parameter with PMT detectors.			
3	The system should be supplied with required software and essential reagents from same quoted vendor.			
4	Flow cytometer should have high quality flow cell.			
5	Flow cytometer should be automated with routine procedures like startup, shutdown and routine cleaning cycles with software.			
6	Flow cytometer should be able to acquire 10,000 events per second with less than 0.1% carry over.			
7	System should have online compensation capability between all fluorescence channels as well as manual post-acquisition and auto-compensation features			
8	Equipment should have digital signal processing with dynamic range			
9	Cytometer should be operable at 220-230V and 50Hz			
10	State-of-art compatible computer system with latest configuration along with 2X19" monitors must be included.			
11	Instrument should be able to set threshold on any parameter and should have ability to set multiple thresholds			
12	Instrument should be able to analyze the samples with minimum volume of 50µL			
13	Gujarat based local service support is must for the quoted vendor.			
14	System must have installation base in Gujarat and 10 or more installations in India			

Note:

- Instrument should be supplied within 45 days from the date of purchase order.
- The quote should be valid for a minimum period of 120 days.
- Instrument should be installed in 7 days after the delivery at the site of installation
- 1 year AMC after the warranty period of 1 year must be included in the quoted price
- Price should be in INR and quoted inclusive of 5% taxes (concessional GST) and FOR delivery to IIAR, Gandhinagar.

Note: The bid should be inclusive of Taxes.

Seal and Signature of the Bidder