



**SINGLE BID SYSTEM**

**Tender Fee: Rs.0.00, EMD – Rs.0.00**  
**Cost of Tender : Approx. Rs.32 Lakhs**  
**Last date for Sale of Documents: 05/10/2021 till 16.00hrs**  
**Last date for submission: 06/10/2021 till 14.00hrs**  
**Due date for opening bids: 06/10/2021 at 14.30hrs**

**GENERAL CONDITIONS**

(Tender documents consist of 11 pages)

**Ref: C-CAMP/L-100/2021-22(C)**

**Tender Notice No.002/2021-2022**

**Important Instruction:** The bids shall be enclosed in an envelope and sealed duly marked "Tender for Flowcytometer – Qty. 1 No.," Ref. No. C-CAMP/F-100/2021-22 (C); and addressed and to be sent to "The Head-Purchase". The bids are liable to be rejected if the sealed envelope is not addressed to "The Head-Purchase" with Tender Ref. No. and Item Description. Offers delivered in person shall be deposited in the Tender Box Labelled as "TENDER BOX FOR PURCHASE TENDER" kept in the Ground Floor, Reception at Administration Building. If the bids are sent through courier or mail, it should reach by submission Date and Time and C-CAMP will not be responsible for the delay.

**1. MANNER & METHOD FOR SUBMISSION OF BIDS**

- 1.1 All tenders shall be made in ENGLISH only.
- 1.2 The details in regard to technical specification and other terms and conditions should be cogent and clear to the extent possible.
- 1.3 FOLLOWING ANNEXURES must be filled up properly
  - (a) Technical Specifications - Annexure A
  - (b) Schedule of Experience - Annexure B
  - (c) Schedule of deviation from Specifications/conditions - Annexure C
  - (d) Schedule of price and delivery - Annexure D
- 1.4 Each page of the tender except the Price & Delivery part shall be on printed letterheads or forms and bear the signature, date, name and designation of the person signing the offer. If they are not on letterheads, a rubber stamp indicating full name, address and phone No., Telex No., Fax No. etc. of the firm shall be affixed at the end of each page. The price & delivery part shall be as Annexure D attached.
- 1.5 This tender document is not transferable. Only the party to whom the tender documents have been issued shall be entitled to quote.
- 1.6 Bids containing erasures or alterations are liable to be rejected unless countersigned by the authorised signatory.
- 1.7 All rates and total amount should be written both in figures and in words and if there is any discrepancy between the two, the lowest amount only will be considered.
- 1.8 Tenders will be opened in the presence of attending Tenderers on **06/10/2021 at 14.30 hours**. In the event the due date is declared as holiday, the tender will be opened on the following working day. (Due to COVID- Tenders will be opened through zoom link only)
- 1.9 If the item offered is to be imported, arrangements for import will be made by the Institute. Import duty and customs clearance will be under purchaser's scope.



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- 1.10 We reserve the right to place order for part/reduced quantity than what is specified in the tender and also reserve the right to split the order to more than one supplier.
- 1.11 Any deviation/substitution in regard to the technical specification must be indicated in Annexure C of this tender document. Otherwise it shall be binding on the bidder to supply the items as specified in this tender specification.
- 1.12 All bids are to be submitted before the due date and time. **The bids shall be enclosed in an envelope and sealed duly marked "Tender for Flowcytometer- Qty. 1 No., " Ref. No.C-CAMP/F-100/2021-22 (C)"; and (Hard copy) mailed to the Head-Purchase.** Offers delivered in person shall be deposited in the Tender Box kept in the office.  
**Due date for opening the bids: 06/10/2021 (14.30 hours)**
- 1.13 Please return the tender papers including Conditions of Tender as well as the Annexures with your signature, rubber stamp and date affixed on each page.
- 1.14 All bids in response to this invitation of tender should be submitted in a manner and method specified above. Tender which do not comply with the above conditions are liable to be rejected.
- 1.15 Late and delayed tenders will not be considered. Therefore tenderers shall ensure that the tender reaches the employer on or before the due date and time stipulated for receipt of bids.
- 1.16 Individuals signing the bid form and other supporting documents must specify the capacity in which they sign, like -
- Whether signing as a Sole Proprietor of the firm or his attorney.
  - Whether signing as a partner of the firm or his attorney
  - Whether signing for the firm as Agent.
  - Whether signing as Director of a Limited Company.
- 1.17 Centre for Cellular and Molecular Platforms reserves the right to reject any or all the tenders without assigning any reason.

2. CATALOGUE/TECHNICAL LITERATURE

All necessary catalogue/drawing literature/data and details of item/s as are considered to be essential for full and correct evaluation of the bid shall invariably accompany the bid.

3. BID GUARANTEE / EARNEST MONEY DEPOSIT

**If the EMD is nil bidder has to give Bid securing declaration as per format specified in Annexure 1 & Annexure 2.**

Bid Guarantee amount of **Rs.0.00** shall be submitted by a DD (for outstation firms) or Banker's cheque (in case of local firm) from a Commercial Bank along with the bid, drawn in favour of "Centre for Cellular and Molecular Platforms, Bangalore". Alternatively, the BG amount may be submitted by way of Bank Guarantee from a Commercial Bank valid for 6 months. The BGA amount will be forfeited if the successful bidder fails to accept the Letter of Intent/ Purchase order or withdraws or amends impairs or derogates from the tender in any respect within the period of validity of this tender. The offers are liable to be rejected, at the discretion of the Centre, if they are not accompanied with BGA. No interest shall be payable by C-CAMP for BGA amount. The BGA shall be refunded to the unsuccessful bidders once the order is released on the successful bidder.



4. PRICE

**The tenders to be quoted in INR.** The price/s quoted shall be firm till the complete execution of the order. All details relating to price, price breakup, inland transportation, documentation, taxes and duties, levies, freight charges, delivery terms, mode of payment, mode of despatch, Insurance should be clearly stated.

5. The taxes (State, Central, Turnover tax, Works Contract Tax, etc.). Please specify which are applicable. The duties and other levies, freight, insurance shall be stated clearly and separately. Also please mention whether the same is included in the price/s quoted.

6. VALIDITY OF BIDS

**The bids shall be valid for a period of at least 180 days from the date of opening of the Price bids. Bids with shorter validity period are liable for rejection.**

7. DELIVERY

The tenderer should clearly mention the time required for supplying the item. The period of delivery will be counted from the date of receipt of the order in case of Indian supplier. The delivery date is the date at which the equipment should be delivered at C-CAMP.

8. PACKING

The item should be packed appropriately so that it can sustain transit hazards, multiple landing, warehousing, etc. during transit.

9. PLACE OF DELIVERY

ALL DELIVERIES shall be effected to the Centre for Cellular and Molecular Platforms, UAS-GKVK Campus, Bangalore-560065.

10. GUARANTEE/WARRANTY

The item/s covered under this tender shall be subject to a guarantee for trouble free performance, workmanship, material etc., fulfilling the specifications mentioned in this tender for 5 years from the date of commissioning. If any defect is found in the material, workmanship or performance during the guarantee period the same may either be repaired/replaced by the supplier as the case may be free of charge. The guarantee period for replacement of parts or repair work shall be same as above. A guarantee certificate to this effect should be forwarded to us with your invoice. The supplier should confirm that they will provide with after sales service and will attend to any repairs or technical problems that may arise.

11. PERFORMANCE B/G

The successful bidder shall have to execute a performance B/G in accordance with the guarantee/warranty for 10% value of the order. This B/G has to be executed on an appropriate value of stamp paper in terms of a bank guarantee drawn on any nationalised bank/Public Sector Bank and shall remain valid till the completion of the Defect Liability period/warranty period, with 6 months claim period.

12. TAXES AND DUTIES

The Centre shall deduct all taxes and duties, as applicable, from time to time from the bills payable.

13. PAYMENT TERMS

90% against supply: balance 10% after installation of the machine subject to 3% of PBG of the order value. All claims shall cease as per the Limitation Act.



**14. CLARIFICATIONS**

After opening the bids, if it becomes necessary for the purchaser to seek clarifications from the bidders, the same will be sought from the bidders. In such an event, the bidders will furnish all technical information / clarifications to the purchaser to reach on or before the due date fixed for that purpose indicating the Purchaser's tender reference. If the technical clarifications sought do not reach on or before the date date fixed, the bids shall be summarily rejected without any further notice.

**15. RISK CLAUSE**

Notwithstanding the other terms therein, the Centre at its option will be entitled to terminate the contract and to avail from elsewhere; at the risk and cost of contractor; either the whole of the contract or any part which the contractor has failed to perform within the time stipulated or if the same performance is not available, the best and the nearest available substitute thereof. The contractor shall be liable for any loss which the Centre may sustain by reason of such risk contract in addition to penalty.

**16. DISPUTE AND RESOLUTION**

Any dispute or differences between the parties that cannot be settled by mutual discussion at appropriate levels shall be referred to the sole arbitration of the Director, C-CAMP or his nominee and his decision in the matter shall be final and binding upon the parties to the dispute. The venue of arbitration proceedings shall be Bangalore and provisions of Arbitration Act for the time being in-force in India shall be applicable. In respect of any matters pertaining to such arbitration, the courts of law in Bangalore will have exclusive jurisdiction.

**17. OTHER TERMS**

- a) If electrical/ AC/ technical works contract, appropriate license defining the required expertise from the approved Licensing authority.
- b) The Centre, will at its discretion ask for a solvency certificate from your bankers.

**18. DEFINITION AND MEANINGS**

In constructing these conditions, specifications, etc. in the tender document or the Annexures/Appendices the following words shall mean herein assigned definitions except where the subject context is otherwise stated.

EMPLOYER/PURCHASER :	Shall mean the Centre for Cellular and Molecular Platforms.
BID/TENDER :	Shall mean the proposal/document that the BIDDER submits in the requested and specified form or otherwise along with Annexures, Appendices, etc.
BIDDER/TENDERER :	Shall mean the firm/party who quotes against an enquiry.
CONTRACTOR/SUPPLIER :	Shall mean the party to whom a Work Order/Purchase Order Is awarded to undertake all or a part of the work covered by this tender document as well as an amendment orders relating to this tender issued by the Employer and shall include his/their legal representative, assignee/s or successor/s.
CONTRACT :	Shall mean and include the articles of agreement, Declaration form, the general and special conditions, the Annexures, the Schedule of Quantities & rates and the specifications attached hereto and the drawings, if any.
ORDER VALUE :	Shall mean total value of the Purchase Order/Work order issued against this tender item including taxes, levies, etc.

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19. TECHNICAL SPECIFICATIONS

See Annexure – 'A'

20. The price shall be FOR C-CAMP/NCBS Stores.

21. C-CAMP reserves the right to split the quantities or reject one or more offers in full or part without any reasons. Therefore C-CAMP decision is final and binding.

22. The quantity mentioned in the tender may be decreased/increased while ordering. However, the price quoted should be firm irrespective of change in the quantity.

23. ACCEPTANCE OF TENDERS

C-CAMP does not pledge itself to accept the lowest/ any tenders and reserves to itself the right to accept the whole or part of the tenders or a part of the quantity offered.

24. The Firm should quote in Rupees for FOR C-CAMP/NCBS basis for Supply.

25. Your Service Engineer should be fully trained to install the equipment and capable of maintaining the equipment during / after the warranty period.

28. LIQUIDATED DAMAGES

The successful bidder will have to agree that in case the item is not supplied within the agreed delivery schedule and after a grace period of seven days, then Liquidated Damages (not in terms of penalty) will be imposed automatically and be deducted from their bill at the rate of 0.5% per week subject to a maximum of 10% of the order value.

Please enter unit price, Total Price and Grand Total in figures as well as words. Unit price and Total Price may be entered below each item.

Since CCAMP is a Public funded Research Organisation, registered with the Department of Scientific and Industrial Research (DSIR) for the purpose of availing Customs duty exemption in terms of Government Notifications No.51/96-Customs dated 23.7.1996; No. 24/2007-Customs dated 01.03.2007; No.43/2017-Customs dated 30.06.2017; No. 45/2017-Central Tax (Rate) & 47/2017-Integrated Tax (Rate) dated 14.11.2017; No. 9/2018-Central Tax (Rate), No.09/2018-Union Territory Tax (Rate) & No.10/2018-Integrated Tax (Rate) dated 25.01.2018; and State Tax (Rate) as applicable and all notification.

For and on behalf of  
Centre for Cellular and Molecular Platforms,



Asst. Purchase Officer



**ANNEXURE A**  
**Technical Specifications**

**Technical specification for Flowcytometer**

- Bench top flow cytometer with at least 2 lasers. i.e. 488 nm blue laser with 50 mW power or more and a 405 nm Violet with 80 mW or more.
- The flow Cytometer must be further Onsite upgraded to a 638 nm red laser with 50 mW power or more.
- The system should have minimum of 12 parameters, including 10 for fluorescence detection for simultaneous analysis of fluorescence, along with FSC & SSC.
- The system should have a highly sensitive detector for fluorescent detection of particle size range: 0.5 μm or better.
- System should have alignment free optical cuvette flow cell design to avoid any user level alignment while day to day run of the instrument.
- System should have a capability to analyze at least 25,000 events per second or more.
- The resolution <3% CV preferably at all flow rates.
- Should have a plate loader for automation of multiple sample acquisition. System should have high throughput sampling provision for running 96 well plate (flat bottom, U bottom, V bottom and deep well) with sample mixing through aspiration to ensure sample homogeneity and cell viability.
- The flow cytometer should be able to give absolute counts without use of reference counting beads.
- The software should allow automated start up, performance tracking and shut down capability.
- The system provides superior sensitivity: <80 MESF-FITC, <30 MESF PE to measure of events with low antigen expression and application with dim fluorescence staining which is achievable by high efficiency, low-noise.
- The system uses Semi-automatic Single Tube Loading with 12 x 75 mm or 1.2 mL tubes and the Fluidics provide continuous flow and volumetric measurements integrated into compact footprint.
- The system should have a carryover of less than 1% in single tube format and less than 0.5% in 96 well plate format.
- The system software should support offline and online compensation. The system must be capable of storing repository of compensation spillover values of dyes in a library to easily determine the correct compensation matrix with virtual multicolor panel and/or with new gain/Voltage settings
- System is able to Process samples at sample flow rates between 10 μL and 240 μL per minute providing high sensitivity and adjustable flow rates, sample sizes as low as 10 μL for rare population collection

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- System has alignment free optical cuvette flow cell design with  $> 1.3NA$  or better.
- The system is capable of storing repository of compensation spillover values of dyes in a library to easily determine the correct compensation matrix with virtual multicolor panel and/or with new gain settings.
- The Software must be 21CFR part 11B compliant. Electronic Records Management installation provides tools that facilitate compliance as per industry standards with 21 CFR Part 11, Electronic Records and Electronic Signatures.
  - The Software must preferably be license free or must be provided with minimum of 15 access keys.
  - Power management system: Should have suitable UPS with minimum of 1 hour back up
  - System should be quoted with 5 years of warranty.
  - An additional preventive maintenance kit must be provided.

**COMPUTER SPECIFICATIONS**

CPU: Intel Core i7 or above.

Memory: 8 GB RAM or higher.

Storage: 1 TB drive or higher.

Ethernet: Integrated 100M GB, Dual Ethernet ports. Additionally Wifi enabled

USB Port:  $\geq 4$  ports, at least one USB 3.0.

Monitor: 32-inch monitor (2560x1440 resolution)

Latest brand of computer must be provided along with the Flowcytometer



**ANNEXURE - B**

**SCHEDULE OF EXPERIENCE**

Please furnish list of major supplies/works undertaken in relevant to this tender during the past two years.

Sl. No.	Name of the company with full address	Name of project	Purchase Order No. & date	Brief description	Value (Rs.)
Signature					
Name					
Designation					
Name of company					
Date					
Seal of the company					



**ANNEXURE – C**

**SCHEDULE OF DEVIATION FROM SPECIFICATIONS/CONDITIONS**

All deviations from the specifications/conditions shall be filled in by the bidder in this schedule.

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The bidder hereby certifies that the above mentioned are the only deviations from Technical Specification of this tender. [State NIL if no deviation is envisaged].

Signature	
Name	
Designation	
Name of the company	
Date	
Seal of the company	



**ANNEXURE - D**

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**SCHEDULE OF PRICE AND DELIVERY**

Sl. No.	Item	Quantity	Units	Price (Rs.)	Total (Rs.)

Please enter unit price, Total Price and Grand Total in figures as well as words. Unit price and Total Price may be entered below each item.

**Bid Security Declaration**  
**(to be submitted on Company's Letter Head)**

I/We the undersigned hereby declare that if we withdraw or modify the bids during the period of its validity, or if we are awarded the contract and fail to sign the contract, or to submit a performance security before the deadline defined in the request for bids document or fail to execute the contract, we will be suspended for the period of time specified in the request for bids document from being eligible to submit bids for contracts with the entity that invited the bids.

Name and Signature  
of Authorized Signatory  
and Company Seal



