

**Chittaranjan National Cancer Institute**  
**37, S. P. Mukherjee Road**  
**Kolkata- 700026**

**Notice Inviting e-Tender No: CNCI/eNIT-13/2017-2018**

The Director, Chittaranjan National Cancer Institute, Kolkata, invites online submission of e-tenders on <http://eprocure.gov.in> for supply and installation of the following Medical Equipments:-

SL .NO	Name of the Equipment/ Instrument	Section	Qty.	EMD (Rs.)	Remarks
1	<b>Flow Cytometer</b> A. Flow Cytometry analyzer with high performance sorter  B. Flow Cytometry analyzer with clinical accreditation	Flow Cytometry Facility (2 <sup>nd</sup> Floor, Research Building)	One each	6,00,000.00	

**Last Date for Download of Tender Document - Upto 12.00 Hours on 12-03-2018**

**Last date of submission of tender - upto 14.00 hrs. on 12-03-2018**

**Date and time of opening of tenders - 14.30 hrs. on 13-03-2018**

Firms interested to participate can view the complete set of tender documents on CNCI website:  
[www.cnci.org.in](http://www.cnci.org.in) and/or <http://eprocure.gov.in>

**Director**

**Chittaranjan National Cancer Institute  
37, S.P. Mukherjee Road  
Kolkata -700026**

**Notice Inviting e-Tender No: CNCI/eNIT-13/2017-2018**

**(Through e-procurement mode only-<http://eprocure.gov.in>)**

Director, CNCI invites tender online in electronic format on website given above manufacturers for supply and installation of-

SL .NO	NAME OF THE EQUIPMENT/ INSTRUMENT	Section	Qty.	EMD (Rs.)	Remarks
1	<b>Flow Cytometer</b> (A. Flow Cytometry analyzer with high performance sorter, B. Flow Cytometry analyzer with clinical accreditation).	Flow Cytometry Facility (2 <sup>nd</sup> Floor, Research Building)	One	6,00,000.00	

Last date and time for online receipt of tender- **12-03-2018** upto 14.00 Hours

Date and time of online opening of tender- (qualifying bids) **13-03-2018** after 14.30 hours  
The tender form can be downloaded from the website up to 4 PM of one day prior to date of opening of bids.

The tender documents must be accompanied with scanned copy of EMD in the form of Demand Draft (DD)/Bank Guarantee (BG) in favour of the Director, CNCI, Kolkata, payable at Kolkata (Refundable as per rule). Original Demand Draft/Bank Guarantee for cost of tender and EMD must be submitted to the Director, CNCI, Kolkata positively up to: (14.00 hrs of date **12-03-2018**) failing which the tender shall be summarily rejected.

CNCI does not take any responsibility for the delay/non submission of tender.

Note:-

1. Bidders who wish to participate in this tender will have to register on <http://www.eprocure.gov.in> and will have to procure digital certificate as per information technology act 2000, using which they can sign their electronic bids.
2. Bidders shall submit their bids online in electronic format on above mentioned website to time and date mentioned herein above.

Director

## **ELIGIBILITY CRITERIA**

1. The Agency should have experience to supply Flow Cytometer in State/Central Govt/Autonomous Body or any reputed institution. List of current users in and around Kolkata is to be submitted.
2. The Agency should furnish attested copies of the following documents:-
  - i) Copies of Income Tax/Service Tax returns for the latest three assessment years
  - ii) Copy of Trade License essential for carrying out the activities under the contract.
  - iii) Copy of GST registration certificate
  - iv) Copy of PAN CARD of the Proprietor/Partner/Company.
  - v) Details of experience with documentary evidence.
  - vi) List of existing users and performance certificate is to be provided
  - vii) Last paid challan for P-tax

## **BOQ**

<b>Sl. No</b>	<b>Particulars</b>	<b>Date &amp; Time</b>
<b>1</b>	<b>Date of uploading of N.I.T. &amp; other Documents (online) (Publishing Date)</b>	19.02.2018 11:00Hrs
<b>2</b>	<b>Documents download/sell start date (Online)</b>	20.02.2018 11:00Hrs
<b>3</b>	<b>Documents download/sell end date (Online)</b>	14.00 Hours of 12.03.2018
<b>4</b>	<b>Bid submission start date (On line)</b>	20.02.2018 11:00Hrs
<b>6</b>	<b>Last Date of submission of original copies for the Earnest Money Deposit (Off line)</b>	14.00 Hours of 12.03.2018
<b>7</b>	<b>Bid Submission closing (On line)</b>	14.00 Hours of 12.03.2018
<b>8</b>	<b>Bid opening date for Technical Proposals (Online)</b>	14.30 Hours of 13.03.2018
<b>9</b>	<b>Date of uploading list for Technically Qualified Bidder (online)</b>	To be notified later

**Tender and Contract document for the supply of Flow Cytometer at CNCL, 37, S. P. Mukherjee Road, Kolkata- 700026.**

**1. Contents of tender documents**

Each set of tender document will comprise followings:

- a) Tender notice
- b) Terms and conditions
- c) Specification for the Equipment/ Machine: **Flow Cytometer**
- d) BOQ
- e) Terms and conditions of contract

Attested copies of up to date clearance certificate of professional, tax, trade license and credential certificates should be submitted along with the offer.

**2. Estimated cost of work**

The work is estimated to an amount of Rs. 3.00 crores for Flow Cytometer. This estimate, however, is reflecting a rough guidance.

**3. Terms and conditions**

1. Prices should be quoted in any standard foreign currency for the country of origin (in words and figures). The rates found to have been corrected/erased/overwritten and/or tempered without being properly countersigned by the bidder will not be entertained. Rates will be inclusive of GST and other taxes, in case of quotation in INR only net price is to be quoted. The percentage and element of duties and taxes included in the price should be specifically stated. Incomplete offer will not be entertained.
2. The tenderers should quote post warranty AMC (Annual Maintenance Contract) /CMC (Comprehensivce Maintain Contract) for five years separately, along with EMD after completion of 5 years warranty period.
3. Quotations should have validity of minimum 180 Days.
4. Successful bidder will have to make an agreement for maintenance of equipment, provision of service. No work of any kind should be commenced without proper execution of an agreement.
5. Non-fulfillment of the conditions of executing the contract by the supplier would constitute sufficient ground for annulment of the award and forfeiture of EMD.
6. No variation of price will be allowed during the period of contract.

7. The equipment will have to be delivered within a reasonable period of time. No extension of the scheduled delivery/installation completion dates will be granted except events constituting force majeure.
8. All supply of goods must conform to the specification.
9. Tenders will be opened at 14.30 hrs on 12.03.2018.
10. Every effort has been made to put forth general specifications in this tender document. If inadvertently, any of the specifications drawn happens to match with the specifications of any particular firm's product only, in respect of critical parameters, then it will not automatically mean that this particular firm's offer is only technically suitable. In general, the specifications offered by other firms will be assessed in their own entirety to ascertain whether or not the broad functions in general expected of the equipments of the purchaser and accordingly the offers would be considered based on prudent assessment of the purchaser.
11. The successful tenderers will have to execute one contract agreement with CNCI and submit Bank guarantee of 5% of the contract value duly executed by any of the nationalized bank towards security deposit for the aforesaid contract. The said bank guarantee requires to be revalidated if situation so demands. No interest on the bank guarantee will be paid by CNCI. The authority of this institute shall have the authority to forfeit the security deposit (Bank Guarantee money), if the tenderer fails to supply the machine as per the agreed terms and conditions.
12. Customs clearance procedures/charges and transportation procedures/charges, if any will have to be borne by the supplier/agency against valid DSIR certificate and other necessary document for clearing in exempted rate of duty and no such charges will be paid by CNCI except the customs duty which will be reimbursed..
13. The tenderers must have supplied this machine in State/Central Govt/Autonomous Body or any reputed institution. List of current users in and around Kolkata is to be submitted.
14. The tenderers must have authorized service centre within the city limit of Kolkata/Howrah, for providing after-sales service of the machine. The address, fax, telephone no. should be clearly mentioned on the offer.
15. With regard to interpretation of terms and conditions, the decision of CNCI shall be final and binding to the Bidder.
16. Time for supply: The time allowed for supply of the machine will be within 150 days of date of issue of letter of acceptance.
17. Tenderer requiring any clarification on the Tender Document may notify Director's Office at the address, Chittaranjan National Cancer Institute, 37, S. P. Mukherjee Road, Kolkata-700026/Fax No. 033-2475-7606. The clarifications of questions raised (without

identifying the source of enquiry) and the responses given will be transmitted to all tenderers.

18. Addendum/corrigendum, if any, shall become part of tender documents and the same to be submitted by the bidders along with the tender as a token of acceptance.
19. In exceptional circumstances, prior to the expiry of the original time limit for tender validity, the authority may request to tenderers to extend the period of validity for a specified additional period. The request and the tenderer's response shall be made in writing. A tenderer may refuse the request without forfeiting his earnest money. A tenderer agreeing to the request will not be required or permitted to modify his financial bid but will be required to extend the validity of the earnest money for the period of the extension.
20. The tenderers shall submit offers, which comply strictly with the requirements of the tender document. Alternatives or any modifications shall render the tender invalid.
21. **Tender opening and evaluation**-The tender opening committee will scrutinize the tender documents for evaluation to determine whether each tenderer conforms to all/most of the terms, conditions and specifications of the tender document without any modification or condition.

## **22. Signing of contract agreement**

- i. The tenderer whose tender has been accepted will be notified by the authority by issuing a 'Letter of Acceptance'. The 'Letter of Acceptance' will be sent to the company/agency in two copies one of which should be returned promptly by them, duly signed and stamped. The 'Letter of Acceptance' will be a binding contract between the employer and the contractor till the formal contract agreement is executed.
- ii. Within the period specified in Clause 1 of 'Clause of Contract', of the date of issue of 'Letter of Acceptance', the successful tenderer shall submit the security deposit, favoring Director, CNCI, Kolkata.
- iii. The tenderer whose tender is accepted shall be required to submit stamp papers of appropriate value as per the provisions of Indian Stamp Act within 07 days of the date of issue of 'Letter of Acceptance'. The cost of the stamp papers shall be borne by the tenderer.
- iv. At the same time the authority notifies the successful tenderer that his tender has been accepted, the authority will direct to attend at CNCI within 07 (Seven) days of issue of 'Letter of Acceptance' for signing the Agreement in the Proforma to be supplied to the successful bidder.

(FORM OF LETTER OF ACCEPTANCE)  
(On the letter head of CNCI)

NO.: CNCI/

Dated:

To

\_\_\_\_\_

(Name & Address of the Contractor)

Dear Sir,

Sub: TENDER No. \_\_\_\_\_ FOR supply of flow cytometer

Ref: Your tender dated \_\_\_\_\_ and letter dated \_\_\_\_\_.

This is to notify you that your tender for supply of flow cytometer has been accepted by the Competent Authority of CNCI for a total contract price of Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_ only) in its capacity as an Agent/Power of Attorney Holder acting for and on behalf of \_\_\_\_\_ (the Employer).

You are requested to contact Director's Office, Chittaranjan National Cancer Institute, 37, S. P. Mukherjee Road, Kolkata- 700026 for carrying out the contract.

You are also requested to attend this office within 07 (Seven) days from the date of issue of this letter for execution of the formal agreement. You are requested to submit stamp paper of Rs.100/- each in duplicate within 07 (Seven) days of issue of this 'Letter of Acceptance' to this effect. It may be noted that no payment shall be made for any supply made by you till the Agreement is executed.

This 'Letter of Acceptance' is being sent to you in duplicate and you are requested to return without delay one copy of the letter duly signed and stamped, as a token of your acknowledgement.

Kindly note that this 'Letter of Acceptance' shall constitute a binding contract between us, pending execution of formal Agreement.

Your letter referred to above shall form part of the Contract.

Yours Sincerely,

Director

## **Specifications and Allied Technical Details**

### **FLOW CYTOMETER**

- A. FLOW CYTOMETRY ANALYZER WITH HIGH PERFORMANCE SORTER
- B. FLOW CYTOMETRY ANALYZER WITH CLINICAL ACCREDITATION

#### **A. FLOW CYTOMETRY ANALYZER WITH HIGH PERFORMANCE SORTER**

1. The machine may be operated by minimum of 3 lasers of 488nm (Blue Laser), 633nm (Red Laser), 405nm (Violet Laser).
2. The quoted system must have at least four or more excitation channels for simultaneous use of at least four or more lasers. Future upgradation option must be available with UV and/or Yellow-Green laser as 4<sup>th</sup>/5<sup>th</sup> laser for increased multi-colour analysis capability of the system.
3. All lasers should have minimum alignment and solid state. A very little fine tuning of Laser may be required during routine set up.
4. Parameters – Simultaneously measure minimum 8-10 colors and 10-12 parameters or more (filters).
5. The excitation and collection optics should be aligned.
6. Sorting Speed - 50,000 (fifty thousand) events per second or more.
7. Should be capable of four way sorting.
8. Must include automatic cell sorting unit on slides and tissue culture plates.
9. Licensed software for acquisition, sorting as well as analysis, windows based, easy to use. Software upgradation should be available at least for 5 years.
10. Equipped for time delay calculation, calibration/standardization software.
11. Should be capable of doing cell based and bead based experiments.

#### **B. FLOW CYTOMETRY ANALYZER WITH CLINICAL ACCREDITATION**

1. Dual lasers (488nm Blue Laser; 633nm – 642 nm Red Laser) or more should be aligned and solid state.
2. Parameters: 3-4 colors, 5-6 Parameters – should be validated for clinical assays by the competent authority (US FDA-IVD or CE-IVD certified)
3. The excitation and collection optics should be fixed aligned.
4. Licensed Software for acquisition as well as analysis (cell cycle, apoptosis, clinical applications), windows based, easy to use.
5. Automatic calibration/standardization software.
6. Should be capable of doing cell based and bead based experiments.
7. System should be incorporated with multiple tube loader and/or flat-bottom plate loader.

**Offer should include:**



A. Computers (Online and Offline):

Total number of computers/work stations: 3 (2 numbers of workstation for online analysis with the sorter and the Analyzer. The 3<sup>rd</sup> workstation for offline analysis).

Data management system – Windows based computer. Should be high end/server level Branded PC with latest processor with high cache memory and more than 3.5 GHz speed, 1 TB Hard disk, USB, DVD writer, RAM 16GB/32 GB, 19” or more LED/LCD monitor for both units. Offline computer need to be loaded with post-acquisition software and Graphic Card, if required.

Windows OS or Better, compatible color laser printer and total Anti-virus for atleast 3 years.

Both units must be operational under same licensed software.

B. Others:

- a. Application training for one week at CNCI - Kolkata.
- b. Warranty period of three years from the date of installation & commissioning.
- c. Branded online UPS should be supplied as per the power requirement and with 60 min power back up.
- d. Should provide a trained operator (to operate both the instruments) for a period of three years from the date of joining.
- e. High payload branded table for the instrument, required furniture for keeping its spares and consumables, one operator table and four chairs etc.
- f. Consumables to install and initiate works for early days.

The firm should have:

- Installation of the quoted models in India
- An office at Kolkata for after sales supports facility
- Provision of availability of spare parts in India
- Firm must take responsibilities for computer part

The firm should certify that the system shall be new, unused, of the latest technology and shall not be obsolete within five years of the procurement.

The firm should provide necessary documentary evidence of the features of the offered model in the technical bid to facilitate proper technical evaluation.