

Office of the Dean Research and Development  
Indian Institute of Engineering Science & Technology (IEST), Shibpur  
Howrah-711 103

Project Code: DRC/DBT/PHY/SM/021/14-15

Department of Physics  
Indian Institute of Engineering Science & Technology  
PO: Botanic Garden, Dist: Howrah, West Bengal, India- 711103

**Notice Inviting Quotations**

Complete sealed quotations are invited for the supply of items listed below as per specification mentioned. The quotation should include the delivery charges of the items to Indian Institute of Engineering Science & Technology, Shibpur, and should mention a firm delivery period.

The relevant bidding document can be downloaded from the website.

Last date of submission of sealed quotation is **7 days from the date of publication and tender will be opened on the next working day 12 noon.**

ITEMS

1. Multichannel Pipette with 12 channels, 20- 200uL 1 no
2. Single channel adjustable (variable) volume micropipettes  
capacity 0.5- 2ul, 0-20uL, 0- 200uL and up to 1000uL

**Please see detailed specification in the downloadable bidding document.**

(A. Code DRC-T093/16-17)

Dean (R & D)

*This is downloadable*

**INDIAN INSTITUTE OF ENGINEERING SCIENCE & TECHNOLOGY  
PO: BOTANIC GARDEN, DIST: HOWRAH, WEST BENGAL, INDIA- 711103  
BIDDING DOCUMENT**

**(Project Code: DRC/DBT/CHEM/AKM/038/13-14)**

*For Supply of*

- 1. Multichannel Pipette with 12 channels, 20- 200uL 1 no**
- 2. Single channel adjustable (variable) volume micropipettes 1 No each  
capacity 0.5- 2ul, 0-20uL, 0- 200uL and up to 1000uL**

**Under**

DBT funded Project  
Govt. of India (New Delhi)

**Department of Physics  
March 10, 2017**

## **SECTION I: TERMS & CONDITIONS AND IMPORTANT INSTRUCTIONS FOR BIDDERS**

1. Bidders are invited to submit sealed quotation as per the technical specifications for tendered items within 7 days of publication in the web site. Quotations received after the last date will not be entertained under any circumstances.
2. Date and time of opening of bid is **next working day followed by last date at 12.00 noon** and the place of opening of bid is office Room of the Centre for Healthcare Science and Technology, Shibpur, Howrah-711103.
3. Bidders are to submit the quotations in Sealed Cover in the following address:  
**Prof. Sampad Mukherjee**  
**Dept of Physics**  
**IEST, Shibpur**  
**PO Botanic Garden**  
**Howrah-711103, India**
4. All bids should be submitted in ONE-BID (TECHNO-COMMERCIAL BID) Format in covers (Enquiry Number must be mentioned on cover).  
TECHNO-COMMERCIAL BID **must have** Detailed Specifications with pictures and associated literature, certification from BIS/INTERNATIONAL Standards, Catalogues, List of users & Technical Details / Operating Parameters, Pre-Installation Requirements, payment terms, warranty, etc. along with PRICE BID - giving full. Prices in Indian Rupees (only) for  
(a) Tendered item.  
(b) Essential Accessories & Spares.
5. The price quoted should be inclusive of all Taxes, duties and levies. Inclusion of Tax/Levy at a later stage will not be accepted. Freight, Insurance charges should be clearly indicated.
6. The materials are to be supplied at a place within IEST, Shibpur premises between 11.00a.m. and 4.00 p.m. The vendors will be responsible for any breakage, damage or defect in the items detected subsequently. The item should be supplied within a period not exceeding 3 months from the placement of the formal order or opening of the LC failing which appropriate action will be taken as per rules.
7. If the supply is not completed within the stipulated period as indicated in the Purchase order, a Liquidated Damage @ ½ per cent per week will be imposed subject to maximum of 5% of the value of purchase order.
8. For Indian purchase (*This clause is applicable only for Indian purchase and not applicable for foreign purchase*): Bills in triplicate should be presented for payment within 15 days of Supply / Completion of work. No Advance Payment can be made. All bills are to be accompanied by Order copies and Challan Receipt. The Order Number is to be noted on both the Challan and the Bill.

**10. Documents to be submitted with the tender:**

Documents below must be submitted with the tender document to avoid rejection.

Tender Documents with Terms & Conditions in Original duly signed by the Proprietor / Partner/ Director of the Company as a token of acceptance of Terms & Conditions of Tender. Supporting literature containing detailed specification picture of items quoted, unit size with catalogue no accessories required and specification.

**11. Customs Duty & Excise Duty**

- IEST, Shibpur will not issue any C or D form availing of concessional Sales Tax/ VAT.
- IEST, Shibpur will issue Customs Duty Exemption Certificate or Excise Duty Exemption Certificate for foreign purchase, if required.

**12.** IEST, Shibpur reserves the right to accept or reject any or all tenders at its sole discretion without assigning any reason thereof and its decision in this regard shall be final.

We accept the above terms and conditions.

Dated:

Signature of Bidders/Suppliers  
With date & Seal

## SECTION II: TECHNICAL SPECIFICATIONS

### For both the items 1 and 2

Must have following general and technical features:

#### General specification

Light weight, light touch, smooth comfortable operation, rugged and durable

Fast and easy tip mount and eject

Consistent sample loading across all channels

Easy to clean

No volume leakage and drift in between two sequential deliveries

No sample sticking to walls of pipette tips and liquid sample left over after ejection

#### Technical specification

Accuracy 0.5  $\mu\text{L}$ :  $\pm 2.5\%$

0.8  $\mu\text{L}$ :  $\pm 0.8\%$

1.6  $\mu\text{L}$ :  $\pm 0.8\%$

Precision 0.2  $\mu\text{L}$ :  $\pm 1.0\%$

0.25  $\mu\text{L}$ :  $\pm 0.25\%$

0.3  $\mu\text{L}$ :  $\pm 0.15\%$

Volume increment: 0.2  $\mu\text{L}$

Must have at least 2 yrs warranty and 3 yr calibration and free service.

### 2. Single channel adjustable (variable) volume micropipettes

Capacity 0.5- 2 $\mu\text{l}$ , 0-20 $\mu\text{L}$ , 0- 200 $\mu\text{L}$  and up to 1000 $\mu\text{L}$

High quality precision and accuracy is expected.