

**Department of Biochemistry  
University of Delhi South Campus  
Benito Juarez Road, New Delhi 110021**

**Date: 30/08/2018**

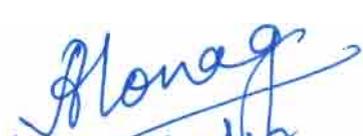
**Quotation Invitation Letter through e-procurement**

Ref . No. – UDSC/BIOCHEMISTRY/Alo/e-procure-05

**PURCHASE OF PIPETTEMAN SET**

The pipetteman specifications in the table below contain the desired volume range and number of pipettes to be purchased followed by the detailed specifications.

I	<b><u>Fully Autoclavable Adjustable Single Channel Pipette</u></b>	
	<b>Volume Range</b>	<b>Quantity</b>
1	0.2-2 $\mu$ l	2
2	2-20 $\mu$ l	2
3	20-200 $\mu$ l	2
4	100-1000 $\mu$ l	1
II	<b><u>Adjustable Single Channel Electronic Pipette</u></b>	
1	20-200 $\mu$ l	1
2	100-1200 $\mu$ l	1

  
Dr. Alo Nag  
(Professor)  
Department of Biochemistry  
University of Delhi South Campus  
New Delhi-110021  
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	<b>Volume Range</b>	<b>Volume (μl)</b>	<b>Systematic error (μl)±</b>
<b>I</b>	<b><u>Fully Autoclavable Adjustable Single Channel Pipette</u></b>		
<b>1</b>	0.2-2μl	0.2	0.024
		2	0.03
<b>2</b>	2-20μl	2	0.10
		20	0.20
<b>3</b>	20-200μl	20	0.50
		200	1.60
<b>4</b>	100-1000μl	100	3.00
		1000	8.00
<b>II</b>	<b><u>Adjustable Single Channel Electronic Pipette</u></b>		
<b>1</b>	20 -200μl	20	0.4
		200	1
<b>2</b>	100-1200μl	100	2.5
		1200	6

### **Fully Autoclavable Adjustable Single Channel Pipette**

- The pipette should be fully autoclavable.
- The pipette should have true volume lock setting to prevent accidental change of volume during experiment.
- The piston of the pipette should be made up of stainless steel.
- The pipette should preferably have color coded push button for easy identification.
- The pipette should be easily opened without any tool for cleaning purpose

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*Alo Nag*  
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and should have an easily removable lower part for cleaning.

- Cleaning and reassembly should not have any effect on the calibration of the pipette
- Pipette should be supplied with metal tip ejector and should have an option of easily changeable metal and plastic tip ejector.
- Pipette should have adjustable tip ejector button for easy use.

### **Adjustable Single Channel Electronic Pipette**

- The piston of the pipette should be made up of stainless steel.
- The pipette should have chargeable Lithium ion Battery
- The pipette should have an option for forward pipetting, repetitive (multi-dispensing) pipetting, reverse pipetting, mix mode pipetting and custom mode pipetting
- The pipette should have custom program option as per the user requirement.
- The pipette should have speed control option for aspiration and dispensing.
- For cleaning and maintenance the lower part of the pipette should be easily removed without any tool.
- The pipette should be supplied with a charger, data cable and required software.

### **General instructions**

- Premium branded pipettes with ergonomic design, GLP Compliance should be provided to ensure the high quality and reliability of your work.
- Installation list in premier institutes in last 5 years is to be provided.
- 3 reference contacts are to be given.
- Website/literature justifying the technical specifications.

*Alonag*  
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- The pipette should be supplied with atleast a warranty period of two years from the date of delivery with facile after sales service.
- Supplier should have service centre in Delhi/NCR for quick service & calibration of the pipettes.

**Instructions to Suppliers:**

Two types of quotations are to be submitted: **Technical** and **Financial**.

**Technical Quotations** should contain all details of technical specifications of the equipment including manufacture and model details along with commercial terms and conditions, warranty and delivery schedule. The quote should be valid for a minimum of 120 days from the due date. Pictures of the equipment must be included with similar specifications as above with logo or name of the company on them. Authorization certificates from the Principal manufacturer, if any, must be provided. Proprietary certificate for any proprietary or patented item must be provided. Unique features maybe highlighted along with their applications and advantages over other available accessories. A user list of atleast 3 users of the equipment quoted (who have installed and used them successfully for years) with addresses / e-mail IDs / phone numbers should also be provided.

**Financial Quotations** should contain price of the equipment, accessories, discount if any, packaging and forwarding charges, Air Freight and insurance charges, custom duty and clearance as well as transportation chares to the site of delivery/installation. The price quoted should be F.O.R. destination (UDSC). CDEC will be provided, if needed.

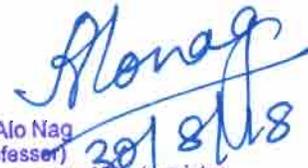
Payment will be made against successful delivery and after confirmation that the item is intact and functional.

The supplier should provide quotation or tender through e-procurement site.

**No commitment to Accept Lowest or Any Tender:-**

- Demonstration of the item or its use will be required, if needed
- Institute reserves the right to order equipment/ accessories with better quality and suitability over lower price and to accept or reject any or all quotation without assigning reasons thereof.
- University of Delhi shall be under no obligation to accept the lowest or any other offer received in response to this tender notice and shall be entitled to reject any or all offers. University of Delhi will not be obliged to meet and have discussions with any vendor, and or to listen to any representations.

  
 विभागाध्यक्ष (Heads)  
 जैव रसायन विभाग  
 Department of Biochemistry  
 दिल्ली विश्वविद्यालय-उत्तर कैंपस  
 Delhi University - South Campus  
 नई दिल्ली-110021  
 New Delhi-110021

  
 Dr. Alo Nag  
 (Professor)  
 Department of Biochemistry  
 University of Delhi South Campus  
 New Delhi-110021