



**Dr. N. Radhakrishnan International Centre for
Medical Innovation**
MAHATMA GANDHI UNIVERSITY
Priyadarsini Hills, Kottayam, Kerala, India -686560



Dr. Radhakrishnan E. K.

Director (Hon.)

NRICMI/MGU /QTN/11/2024

Dated: 07.03.2024
P.D.Hills

QUOTATION NOTICE

Sealed competitive quotations are invited for the supply of the following items for the Dr N Radhakrishnan International Centre for Medical Innovation (NRICMI), Mahatma Gandhi University, Kottayam. The quotation should clearly mention the make, specification and warranty of the items as well as the terms and conditions. The amount quoted should be inclusive of all taxes, excise duty as well as loading, unloading and installation charges if any. The details of the items required are as mentioned below: -

Item: Single Channel Manual Micropipettes - Pack of 6: 0.1-2.5 μ L, 0.5-10 μ L, 2-20 μ L, 10-100 μ L, 20-200 μ L, and 100-1000 μ L with at least 3 boxes of microvolume tips and 2 micropipette carousels

Detailed Technical Specification requirements:

1. Mechanical air-cushion pipette with standard 3-button operation (one button for volume selection, one for pipetting, and one for tip ejection).
2. Ability to temporarily adjust the pipette in seconds for enhanced accuracy when pipetting challenging liquids such as ethanol or when operating at high altitudes.
3. Capability to adjust to factory settings without the need for recalibration.
4. Quick connection clip for easy removal of the lower part, enabling customers to autoclave the lower part separately.
5. The full pipette should withstand autoclave sterilization at 121°C for 20 minutes without requiring any parts to be removed.
6. Pipette piston designed with high resistance to heat, acids, alkalis, mildew, bleaches, ageing, sunlight, and abrasion.
7. Low tip ejection force of 3.6N or better.
8. Tip cone equipped with a spring mechanism to reduce stress for up to 1 ml pipette or better specification.
9. Volume adjustment achievable with minimal turns from maximum to minimum volume.
10. Visible calibration seal to indicate that factory calibration has not been altered.
11. Full pipette should endure autoclave sterilization at 121°C for 20 minutes without any parts needing removal.
12. No discolouration should occur upon UV irradiation.

The cover containing the quotations should be superscribed "Single Channel Manual Micropipettes" and the same should reach the Hon. Director, NRICMI, Mahatma Gandhi University on or before 4 pm on 14th March 2024. The quotations will be opened at 11.00 am on 15th March 2024 at the office of the NRICMI, Mahatma Gandhi University.


Dr. N. Radhakrishnan E. K.
Hon. Director
Dr. N. Radhakrishnan International Centre
for Medical Innovation (NRICMI)
Mahatma Gandhi University
P.D. Hills (P.O.), Kottayam-686 560, Kerala, India

e-mail: nricmi@mgu.ac.in

Mob: +919847901149