



UDSC

UNIVERSITY OF DELHI, SOUTH CAMPUS

DEPARTMENT OF BIOPHYSICS

Ref. no. udsc/biophy./2018-2019/

Date: 16th February, 2019

Call for Tender

Sealed Quotations are invited for supply of a "MICROMANIPULATOR". Your sealed offer should reach by 11.03.19 by 12:00 pm addressed to HOD Department of Biophysics. Kindly send quotes in two bid format (technical and financial bids sealed separately) otherwise the quotes may be cancelled.

The minimum specifications required for **Micromanipulators** (for Electrophysiology Work) are as follows.

1. Two micromanipulators with one controller: Three Axis micromanipulator along with double railed adaptor for mounting on microscope stage for patch clamp recording, with **Accessories**, e.g. Ball Joint, Electrode Holder & Hex Wrench

1. Minimal micro step size should be 62.5 or less nanometres per micro step
2. Display should have single micron resolution
3. Full travel should be 25mm or more in each axis
4. Maximum Speed: Mechanical, 5mm/sec
5. DRIFT: Drive Mechanism < 0.5 micron / 20 hr

Optional Accessories:

2. Data Processing Unit: Branded Computer With i5 Processor, 4 GB Ram, 500 GB HDD, Keyboard, Optical Mouse, DVD Writer, 24" Color Monitor, Multimedia Kit & Cable along with UPS with 30 mints backup. (or better).

3. Objectives: For Nikon Eclipse FN1 Upright Microscope (Fixed Stage) brightfield, fluorescence and DIC

1. Water immersion Objective 60x NIR (NA 0.80, WD 3.50 or better)

When submitting quotations, please ensure that:

1) The cost quoted is for **F.O.R destination (to the lab) price** against customs duty exemption (exemption certificate will be provided by us) including standard installation. Quotes in foreign currency will be accepted, but should be inclusive of all costs till delivery to lab and installation.

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- 2) The quotes should be from either OEM (Original Equipment Manufactures) or the vender should attach authorization certificate from the principal manufacturer.
- 3) Please include point wise technical compliance statement and attach original technical literature/catalogue in support of the mentioned specifications and highlight the above features.
- 4) Kindly attach a list of users of the model quoted with address and phone number.

The Purchase Committee constituted reserves the right to ask for a free demonstration of the quoted items for technical acceptability as per the tender specifications. The institute reserves the right to order equipment with better quality and suitability over lower price and to accept or reject any or all quotations without assigning any reason thereof.

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