

DEPARTMENT OF PHYSICS
INDIAN INSTITUTE OF TECHNOLOGY DELHI,
HAUZ KHAS, NEW DELHI- 110016

Date: 19-11-2012

NOTICE INVITING QUOTATIONS

Sub: Purchase of automatic stage controller for Optical Microscope (Olympus BX 51)

Please send your quotation for purchase of above said item(s) as per specifications given below. Your quotations should reach latest by **5 PM** on **03-12-2012**. Quotations are solicited only for item manufactured by reputed company with proven past record of sales, supply and after-sale service.

Automatic microscope (upright, Olympus BX51) stage controller : 01Qty

Precision motorized microscope stage: 1 microscope slide fitting, travel distance (2D) 110x75mm with 1mm pitch ball screw and 200 step. Precision stepper motors speed upto 300mm/s (controllable)

Scan controller for above stage:

Number of Axis : 3 axis or more

Speed Range 0-70 RPS, 6000000 pulses sec-1 or less Software configurable.

Acceleration Range 1144mmsec-1sec-1 and less and software configurable.

Acceleration Curve Software configurable.

Max Current 1.5 Amps

Current setting Programmable current setting for both maximum and holding current from 0-1.5Amps.

Command set : controllable via VISA drivers, labview, Wavemetrics etc.,

Communication : USB, RS232 (mor than 1 port)

Joystick control

TTL communications: IN/OUT programmable TTL connections.

Power requirements 150W Max, 110-240V Universal 50-60Hz.

Voltage 38 Volts

Compatibility requirement: This stage must be compatible to the above mentioned microscope as well as suitable for programming through VISA drivers, labview Wavemetrics etc.,.

TERMS & CONDITIONS COVERING SUBMISSION OF QUOTATIONS

1. Technical requirements

- 1) The quotation must contain the following details, otherwise quotation cannot be considered.
 - a. The quote must contain all the items and individually priced.
 - b. The technical bid must contain all the required specifications, drawings, graphs (transmission/reflection/response spectra of components if any) etc.
 - c. Along with the technical bid, please enclose support documents related to previous sale of the above items(s) within India.
 - d. Along with the technical bid, please enclose support documents related to previous sale of the above items(s) within India, proprietary certificate (if necessary)from the manufacturer.
 - e. All INDIAN agents must provide Authorized sale agent certificate, IEC and central sales tax certificate.
 - f. Vendors should provide possible educational discount and warranty period (if any)

- 2. DELIVERY:** The rates quoted must be for **FOB** Delhi (Air Freight) (if required)
- 3. TERMS OF PAYMENT:** **100% post-payment (wire transfer/LC) on delivery and satisfactory installation**
- 4. INSTITUTE'S RIGHTS :** IIT Delhi reserves the rights of acceptance or rejection of any or all quotations.
- 5. VALIDITY OF QUOTATIONS:** Quotations should be valid at least for a period of 3 months.
- 6. SUBMISSION OF QUOTATIONS:** **Both Technical and price bids are to be quoted separately in separate sealed covers. Both these bids should be sent in a sealed cover marked at the top SUBJECT AND DUE DATE 5 PM on 03-12-2012.**

Quotations should be sent, on or before due date to:

**Dr. G. Vijaya Prakash,
Department of Physics, IIT Delhi, Hauz Khas,
New Delhi 110 016 (India).**

**G. Vijaya Prakash
PI of the project**