

# **Tender Notification for the procurement of 3-Axis Piezo Stage for microscopy**

*(Last Date for submission of tenders: 20 November, 2017)*

Ref: REF: PH/PRSH/301/2017-18  
2017

7 November,

Dear Sir/Madam,

Kindly send your best quotation for the following item with various accessories on C.I.P. Bangalore basis to the undersigned. Your quotation should clearly indicate the terms of delivery, delivery schedule, entry tax payment terms etc. The tender should be submitted in one sealed envelope containing the technical specifications and the prices, which should reach the undersigned, duly signed on or before 17:00 Hrs, 20 November, 2017. Please use the enquiry number REF: PH/PRSH/301/2017-18 in your quotation.

Specifications of the item “3-Axis Piezo Stage for microscopy” are as follows:

1. Active axes: X,Y,Z
2. Clear aperture for imaging: 66mm X 66mm or more
3. Integrated sensor: Capacitive
4. Closed-loop travel range:  $100 \times 100 \times 20 \mu\text{m}$  or more.
5. XY closed-loop resolution: 1 nm or less
6. XY repeatability:  $\pm 5\text{nm}$  or less
7. Z closed-loop resolution: 0.1 nm or less
8. Z repeatability:  $\pm 1\text{nm}$  or less
9. Compressive/tensile stress capacity: 50 / 30 N max.
10. Operating temperature range: 15 to 40 °C.
11. Piezo controller system along with amplifiers and servo controllers for all three axes.

## **Terms and conditions:**

1. The above mentioned technical specifications are highly desired. However, lower technical specifications may be considered if the above mentioned specifications are found to be unsuitable in financial terms. The Institute reserves the right to go for lower specifications taking into consideration its financial constraints and technical preferences.
2. The vendor should have a good track record of having previously supplied similar items in India (please furnish the details).
3. The vendor should have qualified technical service personnel based in India (preferably in Bangalore).
4. The lead time for the delivery of the item should not be more than 3 months from the date of receipt of purchase order.
5. The validity period of the quotation should be 60 days or more.

Yours Sincerely,  
Dr. Perna Sharma, Dept. of Physics, IISc.