

Indian Institute of Technology, Delhi
Department of Physics
IIT Delhi

January 15, 2014

NOTICE INVITING QUOTATION

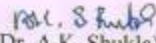
Please submit separate technical and commercial bids in sealed envelopes for the purchase of **Phonon Software for Raman Spectroscopy** with the following properties:


1. Phonon dispersions, Phonon density of states and zero point energy.
2. Vibrational part of heat capacity as a function of temperature.
3. Vibrational enthalpy, entropy, and free energy as a function of temperature.
4. Symmetry analysis of vibrational modes at the centre of the Brillouin zone with classification in IR active, Raman active and silent modes.
5. Software to possess the following computational characteristics.
 - i. Automatic detection and use of any space-group symmetry.
 - ii. Fully automatic determination of supercell and all necessary atomic displacements.
 - iii. Fully automated setup, execution, and processing.
 - iv. Uses forces computed with any of the functional available. This includes the ability to use functional such as GGA+U and hybrid functional, and fully relativistic Hamiltonians.

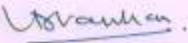
TERM AND CONDITIONS


- Kindly give your quote on CIF Delhi.
- Quotation should be valid for at least 3 months from the date of issue.
- Payment will be done by Letter of Credit (LC)/ wire transfer.
- Provide certificate of proprietary product (if applicable) and authorized distributor certificate for sale in India. No agency commission will be paid.
- Appropriate taxes should be explicitly mentioned.
- The **warranty** should be comprehensive and valid for three years.
- Specify other terms & conditions such as payments, delivery etc.
- List of customers to whom the model quoted has been supplied, should be given separately.
- Institute reserves the right to reject any quotations without assigning any reason thereof.
- Installation and satisfactory working of the laser system has to be demonstrated by supplier as per above specification. No installation charges will be paid.

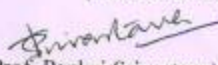
Your sealed quotations addressed to Dr. A.K. Shukla, Department of Physics, Indian Institute of Technology, Delhi, Hauz Khas, New Delhi-110016 should reach latest by **30 January 2014 by 5:00 pm**.


(Dr. A.K. Shukla)


(Prof. Neeraj Khare)


(Prof. V.D. Vankar)


(Prof. D. S. Mehta)


(Prof. Pankaj Srivastava)