

## NOTICE INVITING TENDERS

Ref: IIT (BHU)/CIF/2016-17/83/L/170 dt. 06/02/2017

Central Instrument facility, Indian Institute of Technology (Banaras Hindu University), Varanasi, India invites quotations for instrument as listed below:

### 1. Raman Spectrometer System (basic system)

Date of Submission: **8th February, 2017**  
Date of Query Start and End: **09/02/2017 to 18/02/2017**  
Last date of Submission: **23<sup>rd</sup> February, 2017**  
Date of Bid Opening: **25<sup>th</sup> February, 2017 at 04:00 PM at CIF, IIT (BHU), Varanasi**

Quotation must be sent in a sealed envelope with word "QUOTATION", and due date clearly marked over it.

Approx Cost: 20 Lacks Qty. 1

### **Tender Specifications for "Raman Spectrometer System (basic system)"**

1. Raman Spectrometer must have reflective parts/optics capable of producing Raman Spectra in the in wide spectral range of above  $400\text{ cm}^{-1}$  or better with resolution (FWHM)  $15\text{ cm}^{-1}$  or better.
2. The system as supplied must have a NIR (preferred 785 nm) laser. The laser should be a single mode, high-brightness, stabilized diode laser. Other lasers may be quoted as optional.
3. Instrument shall be capable of rapid laser excitation exchange using laser alignment of laser, filter and gratings that are automatically identified by system software.
4. All optical components must remain stationary during data collection to ensure data repeatability and alignment.
5. The instrument must have an orbital raster scanning collection technology, suitable for scanning over a large sampling area.
6. Library may be offered for organic and in-organic materials.
7. Quantitative methods should be provided along with software.
8. Sample holders for liquid, solid, powder and thin films should be provided. Standard sample must be provided.
9. The instrument must have an integrated vial holder suitable for liquid and solid samples
10. Instrument should be able to export data in .txt, .lib and .spc format.
11. The instrument must have open library structure to include and update the library with the compounds that are not there in the library and should allow the library customization.
12. The instrument should be able to expand with two points and shoot adapters with different working distances for analysis of samples directly in thin and thick bottles and bags or test tubes.
13. Must include software for extensive library management and method transfer to additional systems.
14. Installation and Training to be provided at installation site. Installation requirements to be submitted in advance.
15. Warranty must be given for 3 years.

## INDIAN INSTITUTE OF TECHNOLOGY (BHU) VARANASI

<b>TO BE RETURNED</b>
-----------------------

Following proforma should be filled in and duly signed by the firm and sent along with the quotation. (Please refer to the detailed instructions/notes before filling this proforma).

1. Validity of the offer : .....
2. Approximate Delivery Period : .....
3. (a) Whether rates have been quoted F.O.R. site and covers packing forwarding and insurance charges. : YES / NO
- (b) If not, please mention the same : .....
4. (a) Whether the prices are inclusive of Sales Tax and other taxes. : YES / NO
- (b) If not, kindly specify the amount / rate :  
.....
5. If the Sales Tax is charged extra, declaration for charging Sales Tax correctly attached. : YES / NO
6. (a) Whether supply will be made directly or through any Local / Regional / Authorized Dealer / Stockist Dealer : Directly/Stockist/Authorized Dealer
- (b) If through a Stockist / Dealer: -
  - (i) Name and full address of the Party : .....
  - (ii) Whether the order to be placed with the : Principal / Stockist / Dealer
  - (iii) Who will raise the bill : Principal / Stockist / Dealer
  - (iv) Cheques will be drawn in favour of : Principal / Stockist / Dealer
  - (v) Whether any Delivery, Packing and Forwarding : YES / NO

Charges will be payable to local Stockist/Dealer : (Please specify the amount/percentage etc, if any)

7. Our terms of payment (Please indicate your preference by a (✓) mark). Please note that no other payment terms are likely to be accepted.
  - (a) **For Local Firms or if the bills are raised by the Local Dealers.**
    - (i) 100% Payment on bill basis : .....

**OR**

- (ii) 100% payment against Proforma Invoice after receipt of materials in good condition, installation and satisfactory report.

(Only under exceptional cases)

**(b) If the bills are raised by outstation Firms**

- (i) 100% Payment on bill basis : .....
- OR**
- (ii) 100% payment against Proforma Invoice after receipt of materials in good condition, installation and satisfactory report : .....
- OR**
- (iii) D.G.S. & D. Terms of Payment for D.G.S. & D Rate Contract items : .....
- OR**
- (iv) 75% against Proforma Invoice (at site) or documents through Bank and 25% after receipt of materials in good condition, installation and satisfactory report. : .....
- OR**
- (v) 90% payment against Proforma Invoice (at site) or documents through bank and 10% after receipt of materials in good condition, installation and satisfactory report (Only under special Circumstances). : .....
- 8.** Whether any Excise Duty is payable on the items. : YES / NO  
If yes, indicate the amount / percentage. : .....%
- 9.** Whether any installation charges are payable extra. : YES / NO  
If yes, amount to be specified. : .....
- 10.** Whether any discount for educational institution offered on the printed price list of the manufacturer. : YES / NO  
Please mention the amount / percentage. : .....
- 11.** Whether the product is on DGS &D/D.I. Rate contract. : YES / NO  
If yes, please enclose a photocopy of the same. : YES / NO
- 12.** Whether the product bears I.S.I. Mark. : YES / NO  
If yes, please mention the I.S.I. License no. : .....
- 13.** (a) Whether the firm is Sales Tax payer. : YES / NO  
If yes, please mention the Sales Tax Numbers. : .....
- (b) Whether the Local Dealer(s) is / are Sales Tax payer(s) : YES / NO  
If yes, please mention the Sales Tax numbers of each : .....
- 14.** Whether printed / authenticated price list of the Firm's Products and Catalogue etc. enclosed. : YES / NO
- Signature of the Authorised Official
- with Seal

TO BE RETURNED WITH QUOTATION

## **UNDERTAKING**

### ***WE HEREBY UNDERTAKE THE FOLLOWING:***

1. We will not sell the product (s) to other institutions, bodies and also in the market on the rates less than those quoted by us to the Institute.
2. The goods on which Sales Tax has been charged are not exempted for payment of Sales Tax under C.S.T. Act or U.P.S.T. Act or the rules made there under and the amount mentioned on account of Sales Tax on goods is not more than what is payable under the provisions of the relevant Act or Rules made there under.
3. The rate of Excise Duty mentioned in the quotation is in accordance with the provisions of the rules and the same is payable to the Excise Authorities in respect of the stores.
4. The goods / Stores / articles offered shall be of the best quality and workmanship and their supply will be strictly in accordance with the technical specifications and particulars as detailed in the quotation.
5. The information furnished by us in the quotation is true and correct to the best of our knowledge and belief.
6. We have read and understood the rules, regulations, terms and conditions and agree to abide by them.

***Authorised Signatory  
(Seal)***