



भारतीय  
प्रौद्योगिकी  
संस्थान  
काशी हिन्दू विश्वविद्यालय



INDIAN  
INSTITUTE OF  
TECHNOLOGY  
BANARAS HINDU UNIVERSITY

## SCHOOL OF MATERIALS SCIENCE AND TECHNOLOGY

### QUOTATION ENQUIRY

Ref: SMST/2015-2016/ENQ/IP/RP

Date: January 20, 2016  
(Date of tender enquiry)

**Due Date: 10<sup>th</sup> February, 2016 at 4:00 PM**  
(Last date of quotation receiving)

**BID Opening Date: 13<sup>th</sup> February, 2016 at 4:00 PM**  
**Approximate Cost: Rs.18 lakhs**

To

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Dear Sir,

Please submit your lowest rate for supplying the under mentioned items. Quotation in duplicate must reach us before the date marked above and should contain the following information:

1. Full specification and make of the item offered and its rate F.O.R. Varanasi/CIF New Delhi.
2. Sales tax at concessional rate as applicable to educational institution.
3. Your VAT / CST registration number, PAN & TAN numbers.
4. Conditions of supply and terms of payment.
5. If you are a manufacture of the item or if you have proprietary right over it, please mention it in the quotation and provide a certificate.
6. Please mention your agency commission in Indian Rs., if applicable (in case of imported items).
7. Please give an undertaking as per annexure-I-B.

Quotation must be sent in a **sealed envelope** with word "QUOTATION", our reference number, and due date as given above, clearly marked over it.

Sl. No.	ITEM	Approx. Qty.
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#### Spectrofluorometer

Instrument for absorption and fluorescence both spectrum recording for solid, powder, films and liquid samples having 450 Xe Source and power supply, single Czerny-Turner excitation spectrometer with 1200 g/mm or better gratings blazed at 330 nm. Single Czerny-Turner emission spectrometer with 1200 g/mm continuously or better gratings blazed at 500 nm, continuously adjustable entrance and exit slits operated under computer control. Sampling module (preferred T-Format) with all reflective optics, photodiode reference detector, and excitation shutter, multi alkali PMT emission detector, photon counting electronics and controlling software, including instrument controller and life time measurement.

#### Specifications

**Optics:** All reflective for focusing at all wavelengths and precise imaging for micro samples will be preferred.

**Excitation:** Range 200-950 nm or better optimized in the UV (preferred), blazed angle 330 nm

**Emission:** 200-950 nm or better optimized in the visible, blazed angle 500 nm (preferred)

**Bandpass:** Ex. 0-15 nm, Em. 0-30 nm or better continuously adjustable from computer

**Wavelength Accuracy:** +/- 0.5 nm or better

**Step Size:** 0.0625-100 nm or better

**Emission Detector:** Photomultiplier range 200-850 nm or better

**Reference Detector:** Photodiode selected for stability will be preferred

**Sample Module:** T-box design to allow second detection emission channel will be preferred

**Water Raman Signal:** Ex=350 nm, Em=397 nm, BP=5 nm integration=1s

**S/N ratio:** Minimum 6000:1 or better

**Accessories (Please quote separately)**

1. Quartz Cuvette open top with cap 1cm X 1cm
2. Solid sample holder, designed for viewing front face fluorescence of thin films, powders, pellets, paper, fibres or microscopic slides. Variable alignment angle.
3. Holders ideal for order sorting or Rayleigh line blocking. Set of 5, 2inch x 2 inch diameter filters cut-on at 370, 399, 450, 500 and 550 nm.
4. Filter holder for 2"X2" filters set of (3) holders.
5. Dual lamp housing containing CW 450 W Xe source and UV xenon flash tube.

**Optional items (Please quote separately)**

1. NIR-PMT range 900-1200 nm
2. Integrating Sphere

**Warranty: 1year + 2 Years (additional)**

**Validity of the offer: 3 months**

**Supply period: within 2 months from the date of Purchase Order.**

Yours faithfully,

**(Rajiv Prakash)**

**Principal Investigator**

**School of Materials Science and Technology  
Indian Institute of Technology (BHU) Varanasi  
Varanasi – 221005, U.P., INDIA**

## INDIAN INSTITUTE OF TECHNOLOGY (BHU) VARANASI, INDIA

<b>TO BE RETURNED</b>
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Following proforma should be filled in and duly signed by the firm and sent alongwith 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 : 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.  
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)**