

NOTICE INVITING LIMITED TENDERS

Ref.No.: IIT (BHU)/SMST/2016-17/YSS/2015/001788/02

date: 25/05/2017

School of Materials Science & Technology, Indian Institute of Technology
(Banaras Hindu University), Varanasi-221005.

Invites quotations for instrument **Spectrometer for Fluorescence Measurements**

Date of Submission: 25th May, 2017
Last date of Submission: 08th Jun, 2017
Date of Bid Opening: 09th Jun, 2017 at 12:00 PM in SMST, IIT (BHU), Varanasi
Date of Supply: within 90 days.

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

Approx Cost: below 10 Lakh Qty. 1

Please submit your lowest quotation for supplying the under mentioned items. Quotation 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 sales tax registration number and TAN number.
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 undertaking as per annexure-I-B and C

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

Tender Specifications for "Spectrometer and accessories to measure the quantum efficiency of the samples"

1. Spectrometer

- Dynamic Range: 2000:1 with 6 decades
- Optical Resolution: 8 nm with 200 um slit
- Detector Type: 2048 pixel CCD; TE cooled
- Detector Range: 190-1110nm
- Pixel Size: 14 x 200 um
- Gratings: Dual Blaze @250 &1000nm
- Slit Size: 200 um
- Grating type: Holographic 600 line/mm
- Stray Light: <0.1% at 435 nm; <0.15% at 200 nm
- Spectrograph: f/4, HR-Czerny-Turner
- Fiber Optic Input: SMA905 0.22 na single fiber
- Order Sorting Filter: Integrated & High Pass
- Signal to Noise: 1000:1 CCD
- Digitizer: 16-bit
- Also Free Programs For: LabView / VC / VBA / Delphi
- TEC Power: 5 VDC@1A adapter included
- Interface: USB
- Detector Integration: 1ms to 65s
- Operating Systems: Win XP, Vista, 7, 8, & 10
- Software should be included for the operation of spectrometer.

2. **Integrating Sphere(should have provision to place the sample)**
 - Sphere diameter: 6 inches
 - Field of View: 180 degree
 - Internal Coating: Barium Sulphate
 - Wavelength Range: 300-1700nm
3. Custom Cap design for insertion of sample-2 ports and sample holder on sphere
4. Custom Set of Caps for 2" port hole (Cuvette, Glass Slides) with Tripod for integrating sphere
5. Armored Solarization Resistant 600um fiber optic cable - 2 meters
6. In-Line Filter Holder: 0.5" diameter in-line filter holder. SMA905 connection on each end
7. SMA-Coupler;
8. Filter-ND10;0.5 inch diameter 10% T neutral density filter
9. Calibration Lamp: Calibrated Miniature 10 Watt fiber optic VIS-NIR light source mounted on 2" port plug, 400-1050nm, NIST traceable. UP12V adapter included for operation. Should Include lamp with data file used to calibrate the system for total flux measurements in watts/nm and lumens/nm.

Dr. N. K. Giri
C/o Prof. Rajiv Prakash
School of Materials Science and Technology
Indian Institute of Technology (Banaras Hindu University),
Varanasi-221005

INDIAN INSTITUTE OF TECHNOLOGY (BHU) VARANASI

TO BE RETURNED

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 : 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. :

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)***