

Annexure B

DEPARTMENT OF PHYSICS UNIVERSITY OF LUCKNOW LUCKNOW-226007

TENDER NO: RV/LU-PHY/001/2018-2019, Dated: 30th October, 2018

Tender /Bid invited

For purchase of Fiber optic spectrometer and Tungsten Halogen light source
For the UGC Start-up project

Project No. F-30-399/2017(BSR)-6674

Department of Physics, University of Lucknow, Lucknow- 226007

Non transferable



DEPARTMENT OF PHYSICS
UNIVERSITY OF LUCKNOW
LUCKNOW-226007

TENDER NO. – RV/LU-PHY/001/2018-2019,

Dated: 30th October, 2018

Notice: Inviting tenders for Fiber Optic Spectrometer and Tungsten Halogen Light source under UGC Start-up Project, in the Department of Physic, University of Lucknow, Lucknow-226007.

Sealed tenders are invited from registered, experienced and reputed firms under Two Bid system i. e. Technical Bid & Financial Bid for purchase portable **Fiber Optic Spectrometer and Tungsten Halogen Light source** under UGC start-up project in the Department of Physics, University of Lucknow, Lucknow.

1. Detailed description of items required along with specifications and qualification criteria. (Please see Annexure 1).

2. Time Schedule:

Date of uploading of Bid document:, 30th October 2018

Last date and Time for receipt of Tenders: 15th November, 2018 by 12:00 noon.

Date and time for opening of Bid: 15th November, 2018 by 3.00 p.m.

Place of Submission of Tender: Dr. Roli Verma/Head of Department, Contact No. : 7309658222
Department of Physics, University of Lucknow, Lucknow – 226007,

3. Cost of tender Form: Rs 1000/- (One Thousand only) in the form of Bank draft of any Nationalized Bank in favor of Finance Officer, University of Lucknow payable at Lucknow, must be enclosed with tender form. Cost of tender form is Non-refundable.

4. Validity of Tender: 90 days from the date of opening of tender.

5. Interested firms may submit the documents completed in all respects along with Earnest Money Deposit (EMD) of Rs 20,000/- (Rupees twenty thousand only) in the name of Finance Officer, University of Lucknow, Lucknow – 226007 in the form of Bank Draft only, of any Nationalized Bank.

6. The University of Lucknow, reserves all rights to amend or withdraw any of the terms and conditions contained in the tender document or to reject any or all tenders without giving any notice or assigning any reason. The decision of University of Lucknow in this regard shall be final and binding on all.

**Dr. Roli Verma,
Assistant Professor in Department of Physics
For REGISTRAR, University of Lucknow,
Lucknow- 226007**

TENDER FORM

The bidders should furnish the under mentioned information and also enclose copies of the respective documents as mentioned below failing which their bids will not be considered.

1. Name of the firm:

Full Address:

2. Name of the Proprietor:

3. Telephone / Mobile Number:

4. Bank Account Number:

(Please enclose proof)

5. Income Tax Permanent Account Number:

(Please enclose Photocopy)

6. G.S.T. Registration No.:

(Please enclose Photocopy)

7. Income Tax return for the past three years:

(Please enclose photocopies)

8. Firm deed & Registration of the Firm:

(Please enclose photocopy)

9. (a) Details of Demand Draft towards the cost of the Tender:

Draft No. Date: Amount: Rs 1000/-

Name of the issuing Bank:

(b) Details of Demand Draft towards the cost of Earnest Money Deposit (EMD):

Draft No.Date:..... Amount: Rs 20000/-

Name of the issuing Bank:

Demand Drafts should be drawn in favor of Finance Officer, University of Lucknow, Lucknow, payable at any Nationalized Bank at Lucknow.

Tenders/Bids not accompanied by the requisite Demand drafts shall not be considered and shall be rejected.

Annexure-1
Portable Fiber Optic Spectrometer and Tungsten Halogen light Source for Department of
Physics, University of Lucknow

1(a) Fiber Optic portable spectrometer

Qty:01

Spectral Range:	300-1100 or more
Resolution:	1.6 or less
Signal to noise ratio:	350:1 or better
Dynamic range:	1900:1 or more
Slit:	25 μm or less
Fiber connector:	SMA
Detector Type:	3648 pixel or more CCD
Interface:	USB 2 or 3
Software:	for spectrometer functional operation and time dependent periodic capture
Integration time:	10 μs -10 minutes or better
Operating system:	Windows (32/64bits)
Spectrograph:	Czrney Turner or equivalent
Gratings:	300 lines/mm or better

1(b) Portable Tungsten Halogen Light Source with adapter

QTY-01

Spectral Range:	400-2300 or better
Power Supply	12VDC
Power output at Optical fiber:	4.5mW or more
Fiber connector	SMA
Life of lamp	3000hr or better

Items 1(a) and 1(b) as mentioned above should be compatible with each other and these modules should be interfaced and make functional at University of Lucknow, Lucknow, India.

Qualification Criteria:

- 1) Fiber Optic Spectrometer and Tungsten Halogen Light Source should be compatible with each other.
- 2) Software must be provided, installed and demonstrate.
- 3) Complete Hardware and Software environment for the working of the spectrometer must be provided.
- 4) Technical and financial bids, duly signed and stamped, to be kept separately in sealed envelopes. The envelope containing bids be marked on top as "Technical/Financial bids for items (Name of the scientific equipments) required for project in the Department of Physics, University of Lucknow".
- 5) An undertaking that guarantees of working of optical fiber spectrometer and Tungsten Halogen light source, after the final installation of the software in our premises must be provided. In case of failing to do so (with maximum deviation of 5% from the results submitted in the bid), the University reserves the right to deduct 10% money from the payment.
- 6) The payment for the purchase would be done after the delivery of optic equipments.
- 7) The lowest bid which meets the specification compatibility and scientific use will be qualified for the Financial Bid.
- 8) The bidder must be registered under the companies act 1956 or a registered firm. And have a registered office in India.
- 9) Bidder must not be blacklisted by any government organization in India; a notarised declaration must be submitted with the bid.
- 10) The firm should be capable of mobilizing adequate arrangement for the supply of scientific equipments/items required for various projects in the Department of Physics, University of Lucknow, Lucknow.
- 11) For legal dispute, if any, the jurisdiction will be limited to the District of Lucknow.
- 12) **Tender should be addressed in the name of Head, Department of Physics, University of Lucknow, Lucknow-226007.**
- 13) With tender form, specification of equipment or item supplied must be written, sealed and signed by the authorized signatory.
- 14) Quantity to be supplied and work to be completed may change at the time of order.
- 15) Non compliance of order, in time, will be treated as non compliance of the terms and conditions.

All documents stated above should be marked as Annexures 1 and submitted in serial order

General Terms and conditions:

1. Technical Bid should contain **item-wise compliance chart** clearly tabulated, for each of the 2 items and sub-items (if any) mentioned under the specifications. The compliance chart should be duly authenticated by an authorized person of the company.
2. Financial bids for the product whose technical bid is not acceptable will not be opened.
3. The delivery period should be specifically stated – preferably 10-15 weeks from the date of purchase order.
4. Penalty @ 10% of the value of the order shall be imposed for every day of delay in the supply of the full order.
5. Maximum educational discounts should be provided.
6. Rates quoted by the firms are negotiable.
7. Installation within 10 days after receiving the system at the University. The price should be inclusive of full installation on site with full functionality demonstration.
8. Quotations & Payment in Indian Rupees only.