

**Department of Physics
Indian Institute of Technology Delhi**

NOTICE INVITING QUOTATION

Date: 11-10-2013

Sub: Analytical Balance

NIQ Ref: IITD/PHYS/OCT/2013PLN-03/ASG/AB

Please send your quotation for purchase of the following item(s) as per specifications given below. Your quotations should reach latest by **10 AM on October 25, 2013**. Quotations are solicited only for new items manufactured by reputed company with proven past record of sales, supply and after-sales service.

Type of Item: Laboratory Analytical Balance

Required Specifications and Features:

1. Maximum Capacity: 220 gm
2. Resolution: 0.1 mg
3. Data repeatability: 0.1 mg
4. USB and RS232 output to PC
5. Minimum IP protection: IP54 in use
6. Temperature drift of sensitivity: 1.5 ppm/°C (or better).
7. Diameter of weighing pan: 9 cm
8. Settling time: 2 sec (maximum).
9. Adjustment Range with external weights: 100-220 gm
10. Built in date and time
11. Fully Automatic temperature controlled one-touch internal calibration.
12. The aluminum housing should be high grade chemical resistant.
13. Monobloc weighing technology should be used.
14. Levelling indicator should be in front of balance.
15. Should have the facility of running balance diagnostics test like repeatability test.
16. The display should be high contrast fluorescent with big numbers for easy reading
17. Equipment should have built in applications like piece counting, dynamic weighing, statistics, percent weighing, totaling etc.
18. Equipment should consist of easily dismantle-able draftshield for quick cleaning and quick reassembling.

Please note:

1. The power requirements have to be compatible to Indian conditions (220VAC, 50Hz) and all power cables, supplies and required adaptors must be provided.

TERMS & CONDITIONS COVERING SUBMISSION OF QUOTATIONS**1. TECHNICAL REQUIREMENTS**

- 1) All items are to be in **metric scale** only.
- 2) The **Technical Bid** must contain the following details:
 - a. All the required specifications, drawings, etc. are to be attached.
 - b. Along with the technical bid, please enclose support documents related to previous sale of the above items(s) within India as applicable.
 - c. If the items are of proprietary nature, please provide proprietary certificate from the manufacturer.
 - d. All INDIAN agents must provide agent certificate, IEC and central sales tax certificate.

2. WARRANTY SERVICES: Life time and warranty = Minimum of 18 months

3. TOTAL PRICE: Please quote prices of imported items FOB IIT Delhi. The quotation should provide the total price of the system including all taxes and transportation charges. The extra charges such as VAT, Import/excise duty, Insurance, Documentation charges, Transportation /Airfreight charges to Delhi, etc. have to be mentioned separately.

4. TERMS OF PAYMENT: **100% post-payment (wire transfer/LC) on delivery and satisfactory installation**

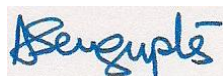
5. INSTITUTE'S RIGHTS: IIT Delhi reserves the rights of acceptance or rejection of any or all quotations.

6. VALIDITY OF QUOTATIONS: Quotations should be valid at least for a period of 3 months.

7. SUBMISSION OF QUOTES: **Both Technical and price bids are to be quoted separately in separate sealed covers. Both bids should be sent in a sealed cover marked SUBJECT AND DUE DATE by October 25, 2013, 10 AM.** Incomplete quotations will be rejected.

Quotations should be sent in hard copy format as requested, on or before due date to:

Dr. Amartya Sengupta
Department of Physics, IIT Delhi,
Hauz Khas, New Delhi - 110 016,
India.
Email: amartya@physics.iitd.ernet.in



Dr. Amartya Sengupta,
 Department of Physics, IIT Delhi.