

बीरबल साहनी पुरावनस्पतिविज्ञान संस्थान, लखनऊ  
BIRBAL SAHNI INSTITUTE OF PALAEOBOTANY, LUCKNOW

टेलीग्राम पेलियोबॉटनी

दूरभाष 2740008,2740011

फैक्स ९१-91-522-2740485,2740098

बी सा पु सं /III/भंडार एवं क्रय/L-1036

53, विश्व विद्यालय मार्ग

लखनऊ - 226007

Date: 01.12.2015

✓ Convener, Website Committee  
BSIP, Lucknow

**Analytical Balance (Detailed specification at the back)**

**Subject:** -----

Dear Sirs,

This Institute intend to purchase item mentioned above. Sealed quotations are invited so as to reach this office on or before 5:00 P.M. on 15.12.2015 duly superscribed by **"Analytical Balance"** due to open in presence of vendors at a later date to be notified.

While submitting quotation please note that:

1. The material may either of indigenous manufacturer or of foreign make, available from ready stock. Any offer to supply on forward Delivery Basis under suppliers own quota license will also be considered.
2. The price quoted should be F.O.R. Destination.
3. Your rates should include packing, insurance and forwarding charges.
4. The rates of Sales Tax should be clearly indicated wherever chargeable. The tendered should also indicate Central/Sales Tax Registration Number and date in this quotation.
5. Specific mention should be made whether the offer is for supplies available ex-stock. In case the officer is on Forward Delivery basis, firm delivery period must be indicated.
6. The cover should be sealed and superscribed "Quotation for **"Analytical Balance"** must be written on envelope. The quotations not complying the procedure will be rejected.
7. Payments will be made by crossed cheque on The Indian Overseas Bank, Lucknow only after receipt and acceptance of supply and installation/ if required satisfactory.
8. The acceptance of the quotation will rest with the Director who does not bind himself to accept the lowest quotation and reserves the right to himself to reject or partially accept any or all the quotation received without assigning any reasons.
9. The quotations are liable to be cancelled if any of the above mentioned conditions are not complied with.

Yours sincerely,



(Dr.R.S.Singh)  
Scientist 'G'

with Additional duties of Registrar

## Major specifications:

- Readability : **0.0001 mg i.e. 0.1  $\mu\text{gm}$**  or better
  - Maximum weighing capacity: ~ 2 grams (approx)
  - Repeatability:  $\leq 0.0003$  mg
  - Linearity:  $\leq 0.0010$  mg
  - Minimum initial weight:  $\leq 1$  mg
  - Sensitivity against temperature variability:  $\pm 1.0$  ppm/ degree C (between  $10^{\circ}\text{C}$  to  $30^{\circ}\text{C}$ )
  - Stability (settling) time:  $\leq 10$  seconds
  - Typical measurement time:  $\leq 10$  seconds
  - Static charge neutralization facility to weigh small biological organic or inorganic samples such as small tooth, ostrocs, phtoliths foraminifera shells
  - Fully automatic levelling of the balance would be preferred
  - Fully software controlled automatic calibration
  - Weighing pan size ~ diameter minimum 20 mm or more suitable ones
  - Motorized door opening with push button with glass draft shield with learning capability or something similar ensuring touch free weighing of very small size samples
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  - Able to connectable to PC and printer via suitable arrangement such as RS232, Eternet, LAN, Bluetooth etc.
  - Digital high resolution display of weighing measurements preferable on colored TFT screen
  - Should be connected with  $220 \pm 10$  volt Indian standard power supply
  - Compact custom weighted
  - On-site installation and training of laboratory scientists
  - Desired additional pans for small liquid samples and filter samples (if available)
  - Desirable: Indication of less accurate weighing in case of lower weights near to capacity of analytical balance.
  - Desirable: Automatic linearization
  - Desirable: Capability of measuring different type of natural / synthetic samples such solids, liquids and samples collected on filters
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