



Indian Institute of Technology Kanpur

Samtel Centre for Display Technologies

Enquiry number: SCDT/2014-15/09

Enquiry Date: 20 March 2015

Date: 31 March 2015 (latest by 3:00 PM)

Enquiry for Semi-micro Weighing Balance

Sealed quotations are invited for purchase of semi-micro weighing balance (1 no.) with the specifications given below. Interested parties should send technical and commercial bids in separate sealed envelopes separately to the undersigned. Both, technical and commercial bids should reach the indenter before the aforementioned date.

Specifications:

- | | | |
|---------------------------------|---|----------------------------|
| 1. Weighing Capacity | : | 100/220 grams (dual mode) |
| 2. Readability | : | 0.01/0.1 mg |
| 3. Linearity | : | $\leq \pm 0.03/0.2/0.1$ mg |
| 4. Response Time | : | $\leq 12/3$ sec |
| 5. Repeatability | : | $\leq \pm 0.02/0.1$ mg |
| 6. Pan Size | : | 80 mm dia |
| 7. Operating temperature | : | 10 – 45° C |

Other essential features:

1. Built in motorized calibration weight for internal calibration.
2. Dynamic temperature compensation.
3. Hanger for below balanced weighing.
4. RS-232 data interface.
5. Mass unit conversion by toggling between two weight units.
6. Glass draft shield on three sides which can be opened from all three sides.
7. Overload protection.
8. ISO CAL – self calibrating and fully automatic adjustment function
9. ISO/GLP compliant printing capacity.
10. Application programs should include
 - Counting
 - Weighing in percentage
 - Net-total formulation
11. ISO 9001 certification.

Terms and Conditions:

1. Prices quoted should be CIF Kanpur.
2. Validity of quotation should be at least 60 days.
3. Delivery period should be 4 - 6 weeks from the date of purchase order.
4. Installation and demonstration should be done at site at no extra cost.
5. Minimum one year warranty from the date of installation.
6. Vendor must have supplied the similar equipment to other IITs, NITs and prominent research institutions in India.
7. Vendor should enclose a list of customers with contact and we may ask for feedback.
8. Payment terms are 60% advance + 40% after delivery and installation.
9. Vendor with better technical expertise and support will be preferred.
10. The indenter reserves the right to withhold placement of final order. The right to reject all or any of the quotations and to split up the requirements or relax any or all of the above conditions without assigning any reason is reserved.

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