



Department cum National Centre for Human Genome Studies & Research  
Pharmaceutical Extension Block, Panjab University, Chandigarh-160014(INDIA)  
(Estd. under the Panjab University Act VII of 1947-enacted by the Govt. of India)  
Phones : 0172-2534109 (Off.) 0172-2534118 (Direct)

Ref. 138/NCHGSR

Dated: 11/03/2015

**N.I.Q. for Ice Flaking Machine**

Please quote your lowest rates in duplicate for the following instruments as per the specifications.  
Your quotation must reach the undersigned **latest by 5pm on 18.03.2015.**

**Specifications for Ice Flaking Machine**

1. Production capacity in 24 hrs. 80-100 Kg
2. Storage capacity of bin should be 15-20 Kg
3. Fully insulated bin to preserve ice for longer duration
4. Material of construction should be stainless steel.
5. Compact design with easy cleaning
6. Automatic stop and start when there is no power or water supply.
7. Servicing capabilities available within Chandigarh
8. The vendor must provide authorization letter with valid date from the manufacturer.
9. Warranty both parts and labour should be minimum of two years.
10. The supplier must supply following along with quotation:
  - a). Compliance statement in tabular form giving details as per specifications
  - b). Literature in support of compliance statement,
  - c). Details of AMC charges after warranty period.
  - d). List of users in the area of biological sciences.
  - e). Price reasonability certificate that the price quoted are not more than the price quoted to any other Govt. organisation
  - f). Certificate of Non Blacklisting of the firm, principal, from any Government organisation

One time importers from China or manufacturers with customized specifications must not quote.

The rates quoted should be strictly **FOR NCHGSR**, Department, PU, Chandigarh. Special Discount for educational institutions/Universities teaching department may be mentioned. The technical and financial bids must be enclosed in separate envelopes duly marked and placed together in a duly sealed envelope giving our reference and due date of quotation. It should reach-**The Chairperson, Department cum NCHGSR, Panjab University, Chandigarh-160014** by due date.

Thanking you,

Yours Sincerely,

(Chairperson)



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Ref.139/NCHGSR

Dated:11/03/2015

### N.I.Q. for two Analytical Balances

Please quote your lowest rates in duplicate, for the following instrument as per the specifications.  
Your quotation must reach the undersigned latest by **5pm on 18.03.2015**.

#### Specifications for Analytical Balance (n=2)

1. Max. Capacity: 220g.
2. Readability: 0.1 mg (up to 3-4 places after decimal)
3. Repeatability: 0.1 mg.
4. Linearity: 0.2 mg.
5. Weighing platform dimensions: 90 mm
6. Internal calibration.
7. Overload protection.
8. The vendor must provide authorization letter with valid date from the manufacturer.
9. One time importers from china or manufacturers with customized specification must not quote.
10. Warranty both parts and labour should be minimum of two years
11. The supplier must supply following along with quotation:
  - a). Compliance statement in tabular form giving details as per specifications
  - b).Literature in support of compliance statement,
  - c).Details of AMC charges after warranty period.
  - d).List of users in the area of biological sciences.
  - e). Price reasonability certificate that the price quoted are not more than the price quoted to any other Govt. organisation
  - f). Certificate of Non Blacklisting of the firm, principal, from any Government organisation

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Ref. 140/NCHGSR

Dated: 11/03/2015

### **N.I.Q. for Double Beam UV-Visible spectrophotometer**

Please quote your lowest rates in duplicate, for following instrument as per the specifications.  
Your quotation must reach the undersigned **latest by 5pm on 18.03.2015.**

#### **Specifications for Double Beam UV-Visible spectrophotometer**

The instrument must be a scanning spectrophotometer covering the wavelength range 190-1100nm and should be true double beam & of a double-beam, 50/50 beam-splitter design. It should be controlled through a software which has capability of supporting all the accessories mounted on Uv-Vis Spectrophotometer.

1. Optics: Double Beam, Sealed, Quartz coated mirrors, There should not be lens for reducing chromatic aberrations. The grating should be holographic concave with at least 1000 lines/mm Monochromator, Holographic grating with at least 1000 lines per mm, Double beam, Quartz coated mirrors
2. Light source: Deuterium Lamp / Halogen Lamp with Auto switching
3. Wavelength range : 190 – 1100 nm
4. Wavelength Accuracy & Reproducibility : 0.1 nm & 0.05 nm respectively or better
5. Spectral bandwidth : 1 nm or better.
6. Photometric range : -3 to +3 Abs
7. Straylight at 220 nm : < 0.01 % or better
8. Photometric accuracy & reproducibility :  $\pm 0.0004$  A at 1 A & < 0.002 A with maximum deviations of 10 measurements at 1 A
9. Photometric Stability : < 0.0002 Abs/h or better.
10. Photometric Noise : < 0.00006 A or better.
11. Computer System : State of the art with photo quality HP printer (resolution 1200 dpi at least) along with UPS
12. Software : Original windows based software to run the system with features like quantitative calculation, wavelength scan, time scan, multiwavelength, kinetic scan, thermal scan and quantitative ratio.
13. Power requirement : 230 V AC, 50 Hz
14. Essential accessories to run the system such as standard cell holder, cuvettes ( Quartz & Glass 1 ml capacity each ), connection cables, interface board etc. confirmation to GLP & certified validation
15. Micro cell holder & quartz cuvettes for 50  $\mu$ l/500 (micro litre) volume pair.
16. The system should be with 1 year warranty & 1 year service warranty

The supplier must supply following along with quotations

- A. Compliance Statement
- B. Literature in support of compliance statement
- C. Details of AMC charges after warranty period

- D. Users list.
- E. Price reasonability certificate that the price quoted are not more than the price quoted to any other Govt. organisation
- F. Certificate of Non Blacklisting of the firm, principal, from any Government organisation.

The vendor must provide authorization certificate with valid date from manufacturer.

One time importers from China or manufacturers with customized specifications must not quote.

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