

Automatic Density Meter for liquids

INDUSTRIAL TRIBOLOGY MACHINE DYNAMICS AND MAINTENACE ENGINEERING
CENTRE, INDIAN INSTITUTE OF TECHNOLOGY, DELHI.

Notice inviting quotations (NIQ)-(Last date for submission 18.03.2014 - 1-00 PM)

Required specifications

Instrument:	Portable Density Meter for liquids should fully comply with ASTM D 7777
Measuring Range:	Density: 0.0000 – 2.0000 g/cc or better
Temperature:	0 - 40°C
Resolution:	Density: 0.0001 g/cc
Precision:	+/- 0.001 g/cc
Sampling:	Pipette-style hand pump Syringe Injection (for highly viscous samples)
Display content:	The LCD display for temperature (°C / °F), sample number, auto sensing oscillation stability, auto data saving, auto data output, data deletion, battery capacity indicator, temperature compensated density & sp gravity, API concentration, Baume degree, Plato & proof degree
Measuring cell:	consisting U tubes must be housed away from the electronics parts of the system.
Data storage:	1100 samples or more

Terms and Conditions

The Technical and commercial quotations must be submitted separately in sealed envelope with a subject (Quotation for **Automatic Density Meter for liquids** written on that.

Technical bid must contain the following:

(a) Quotation should be directly from the Original manufacturer or authorized sales agent.

- (b) Sole agency certificate (if applicable) and its validity from Foreign Principals (in case of foreign manufacturer),
- (c) **Proprietary certificate** (if applicable, for any component or instrument quoted).
- (d) Delivery period should be specifically mentioned and should be as small as possible.
- (e) Details on installation, commissioning and training of the equipment must be specified.
- (f) State service support for the equipment in India, specifically in Delhi; give details of service centres with address, telephone numbers and name of service engineers available, response time during warranty and afterwards.
- (g) **Certificate of compliance (with signature) with deviations from specification (if any) must be attached.** Without this, quotation will not be considered.
- (h) **Original brochures and original specification sheets (from equipment manuals)** directly obtained from the principal manufacturer of the quoted model must be enclosed along with supporting data.

The Financial Bid must contain the following:

- (a) Prices of the quoted model should be FOB Delhi and include all taxes, delivery, installation and onsite training charges. Please note that IIT Delhi is exempted from central excise and custom duty.
- (b) The products will be used for educational purposes. Any applicable academic institution discounts should be offered and stated.
- (c) Guarantee or warranty conditions must be clearly specified; exemptions if any must be clearly stated. Charges for additional **comprehensive warranty for 2 years should be quoted separately.**
- (d) Service charges per visit and AMC after one year of warranty period must be specified.
- (e) Validity of quotation must be till 90 days,
- (f) Mode of payment is through LC only for foreign purchases (any kind of advance payment clause should be avoided). Name and address of the company on whose name the LC is to be opened should be clearly mentioned.
- (g) Supplier must submit TIN number/PAN number as applicable.

3. Institute reserves the right to order equipment with better quality over lower price and to accept or reject any or all the quotations without assigning reasons thereof.

4. The Technical Bid and Financial Bid must be sealed in separate envelopes, placed inside an outer cover envelope, and then sealed and submitted by **18 March 2014 1 pm** Indian standard time to the following address:

Attn of:

Prof. Jayashree Bijwe

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