

The quotation must be sent in a sealed cover superscribed with our reference number & due date

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Indian Institute of Technology Delhi

Department of Physics, Hauz Khas, New Delhi-110016 (India)

Ref.No. IITD/PHY/kits for VNA

Date: 02.07.2013

Due Date: 17.07.2013

NOTICE INVITING QUATATION

It is intended to procure (i) a 7mm **85050B Standard Mechanical Calibration Kit** and (ii) a 7mm **85051B Verification Kit**; for extending the measurement capability of our existing Agilent PNA Network Analyzer N5230A.

Necessary requirements are as follows:

A . Specifications for 85050B Standard Mechanical Calibration Kit, DC to 18 GHz, 7 mm

The mechanical calibration kit should contain precision calibration standard devices to characterize the systematic errors of Agilent network analyzers in the 7 mm interface. This kit should also contain adapters to change the sex of the test port, connector gages for verifying and maintaining the connector interface, and a torque wrench for proper connection

1. DC to 18 GHz frequency range
2. Calibration standards to perform full two-port calibration
3. Torque wrenches for properly connecting standards
4. Adapters to change the sex of the test port

B. Specifications of 85051B Verification Kit, 7 mm

IIT Delhi has a requirement of Verification kit that is used to verify that a network analyzer is operating within its specified performance. All verification kits include measurement data and uncertainties that are traceable to the U.S. National Institute of Standards and Technology (NIST)

The verification kit should have a 7 mm connector and should cover a frequency range of 0.045 to 18 GHz. This kit should include a 10 cm airline, stepped impedance airline, 20 dB and 50 dB attenuators. The verification kit is to be used with an Agilent 85050 7 mm calibration kit and existing Agilent PNA Network Analyzer N5230A.

1. frequency range of 0.045 to 18 GHz.
2. Includes 10 cm airline, stepped impedance airline, 20 dB and 50 dB attenuators

Terms and conditions:

1. The quotation, in sealed envelope (separate Financial bid/ Technical bid) marked as "Ref: IITD/PHY/2013/ 7mm mechanical calibration kits and 7mm verification kit" should reach the undersigned on or before 15/07/2013.
2. The prices quoted must include CIF New Delhi Airport charges.
3. Institute reserves the right to accept /reject all/ any quotation without assigning any reason therefore.
4. The delivery period should be clearly indicated in the quotation.
5. Submitted quotations should clearly mention the validity period, preferably for a minimum of 3 months.
6. Incomplete and conditional submitted tenders would be summarily rejected.
7. The mode of payment should be according to institute norms, i.e. all bank charges payable in India are to buyers account and bank charges in seller's country to sellers account.
8. Necessary certificate should be enclosed by the vendors in case of propriety nature of the quoted items.
9. In case the quotation is being submitted by authorized agent of the principle manufacturing company, the AUTHORIZED SALES AGENCYSHIP certificate from the PRINCIPALS should be furnished along with the quotation. Quotation without this authorization certificate will be rejected.
10. The quotation should include comprehensive warrant for at least 1 year.
11. Special discount/rebate where ever admissible keeping in view that item are being procured for educational purpose in respect of public Institution of national importance may please be indicated.
12. Vendors should attach the relevant brochure/leaflet for the models/options quoted.

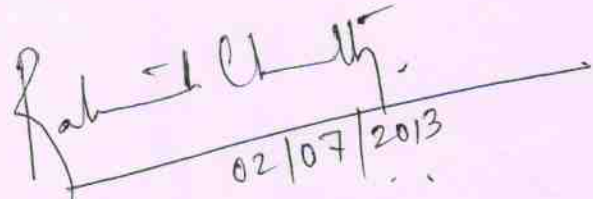
The sealed quotations must be submitted to:

Prof. Ratnamala Chatterjee
MS-501A
Physics department
Indian Institute of technology Delhi
Hauz Khas, New Delhi-110016
INDIA

**Last date for submitting the
quotations:**

17/07/2013

The purchase finalization committee under chairmanship of Prof Ratnamala Chatterjee had a meeting to finalize the specifications of the above mentioned items and NIQ.


02/07/2013

Prof. Ratnamala Chatterjee (Physics, PI)

RATNAMALA CHATTERJEE
Professor
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