



**Department of Electrical Engineering
Indian Institute of Technology, Delhi
Hauz Khas, New Delhi 110016**

NIQ no. IITD/EE/PLN03-BEEN/IEC/3

Due Date: **3.10.2011, 5 PM**

**Notice inviting quotations for
a U-band harmonic mixer with coaxial interface**

Sealed quotations are invited for a U-band harmonic mixer with coaxial interface. The required specifications are given below. The purchase will be made through a two part bidding process. Technical and Financial bids have to be made separately. Complete technical information should be provided along with the Technical bid. Please refer to the last page on Terms and Conditions for details on how and when to submit Technical and Financial bids.

Required Specifications for the Harmonic Mixer

1. The harmonic mixer should be of the frequency range from 40-60 GHz.
2. No biasing or external power supply should be required.
3. The harmonic mixer should be a dual diode design.
4. The harmonic mixer should interface with Agilent E4447A (with option AYZ) spectrum analyzer.
5. A waveguide (in case the harmonic mixer has a waveguide interface at 40-60 GHz) to coaxial (1.85 mm female) adapter should be provided with the harmonic mixer.

Dr. S. Chatterjee
(Chairman, purchase committee)

Terms and Conditions

1. Please submit the TECHNICAL and FINANCIAL bids in separate sealed envelopes. Mark the two envelopes clearly as “Technical Bid” and “Financial Bid” respectively. Both the sealed envelopes should be sent in a single sealed envelope, clearly marked as “Quotation for a U-band harmonic mixer with coaxial interface”. The quote should reach the following address on or before **3.10.2011, 5 PM**.

Dr. S. Chatterjee
VLSI Design Tools and Technology
Block IV, Room 202
IIT Delhi, Hauz Khas
New Delhi, 110016
2. Please quote prices for FOB New Delhi, inclusive of all taxes and duties.
3. Quote should be in Indian Rupees for Indian agents, or in foreign currency, for foreign agents, and needs to be valid for at least three months.
4. Attach all the technical literature and a list of similar installations done in India.
5. If the quote is being submitted by a representative of the manufacturer, a valid agency-ship or dealership certificate authorizing the agent to quote to IIT Delhi on behalf of the manufacturers should be enclosed.
6. Complete set of manuals for the operation of the equipment should be given.
7. Clearly specify the installation requirements - such as space, power, frequency, environment etc.
8. If the item quoted is proprietary in nature, please enclose proprietary certificate from the principals stating, “Certified that _____ is a proprietary item of M/s _____ and no other manufacturer makes this item.”
9. Please attach a signed and stamped compliance chart for the specifications. The format of the compliance chart is attached to this document.
10. Please specify all of your terms and conditions clearly, including delivery period.
11. Mode of payment for purchases in foreign currency are through irrevocable letter of credit. Only bank charges within India are payable by IIT Delhi, all bank charges outside India are the responsibility of the seller. For purchases in INR, payment is on delivery.
12. The Institute reserves the right to accept or reject any or all quotations without assigning any reasons thereof.

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