

Indian Institute of Technology Delhi

Centre for Applied Research in Electronics

NIQ for Automated Antenna Measurement System

October 23, 2012

Sealed quotations are invited for purchase of automated antenna measurement system with following specifications and Terms & Conditions:

Frequency Ranges	DC to 18 GHz
Cable Interface	Ultra high-quality cable with SMA connectors Ultra-precision, low-noise rotary joint with SMA connectors
Platform Movement	Horizontal 1.8° precision stepper motor with low noise belts Better than 0.5° azimuth resolution 360° continuous azimuth range ± 45° elevation range @ 0.10° per step
Weight Capacity	5 Kg. maximum @ level position
Platform Control Interface	USB (RS232 if available)
Options	<ul style="list-style-type: none">- Digital level for precise setup- Ultra-high resolution option- Positioning laser for long range alignment- Vertical alignment tool- ± 90 degree pivot for spherical measurements- Software- Advanced processing module
Analyzer Control Interface	GPIB controller card / USB / Ethernet
Platform Speed	> 30 R.P.M. maximum azimuth
Other	Include suitable converter to from 230V 50Hz AC to power the system.

Terms and Conditions:

1. Separate sealed technical and sealed financial bids should be given in a single sealed envelope.
2. Validity of the quote should be at least 90 days.
3. A warranty of at least 1 year from date of installation should be given.
4. A company profile should be included in the technical bid.
5. In case the bid is given through an agent, a valid agentship certificate should be attached.
6. If the item is a proprietary item, a proprietorship certificate from the principle manufacturer should be included.
7. Indian agent should also include a copy of letter enlisting with the Department of Expenditure, Ministry of Finance as per GOI requirements.
8. Accessories needed for functioning should be included in the quote and clearly specified. Additional accessories available may also be quoted separately as optionals.
9. Delivery should be made on FOB basis only.
10. A sheet, stating whether each of the specifications asked for are being met or not, should be included in the technical bid.
11. If some specifications are not being met, deviations may be clearly stated. In the unlikely event that none of the vendors are able to meet all the specifications, the committee reserves the right to waive or relax any of the requirements at the technical evaluation stage.
12. No advance payment shall be made.
13. Payment will be made through wire transfer after successful installation.
14. The Quotation received after due date will not be considered.
15. The Institute reserves the right to reject any quotation without assigning any reasons.

After opening the technical bids, the committee will shortlist the bids based on an evaluation of the technical bid, the efficiency / efficacy / ease of use / ability to maintain and other aspects of the equipment vis-à-vis the requirements. Financial bid would be opened only for the shortlisted companies.

Quotations should be addressed Prof. S.K. Koul, Room no. 319, Block-III, IIT Delhi, Hauz Khas, New Delhi – 110 016. INDIA. Quotations will be accepted till 5 PM on Nov. 30, 2012.