

**Indian Institute of Technology Kanpur**  
**Department of Electrical Engineering**

Enquiry Number: EE/KVS/2017-18/01

Opening Date: 03/08/2017

~~Closing Date: 25/08/2017~~

~~Closing Date: 06/09/2017~~

**Closing Date: 11/09/2017**

**Request for Quotation**

**Subject: Purchase of Antenna Positioner & Measurement System and Low Noise Amplifier**

Kindly provide a quotation in a sealed envelope for the following items. The quotation may please be sent to the undersigned.

**Item 1: Antenna Positioner & Measurement System**

**Quantity: 1 (One)**

Parameter	Specification
Frequency	DC to 40GHz
Connector	2.92mm K Connector
Weight capacity (up to)	4.5 kg
Maximum height	1.5 m
Movement	Full Spherical Measurement with 0.10° step resolution
RF Joint	Precision Rotary Joint suited for noiseless measurements up to 40 GHz
Antenna Mount	Non-metallic polymer based platform with adjustable arrangement
Alignment and Positioning	Digital Level and Positioning laser for alignment
Software	3D antenna pattern measurement, Az/EI patterns versus frequency, Spherical plots, RCS measurement
Warranty	2 years
Other items	Power Supply, Documentation and Accessories
Support	Installation and demonstration

**Item 2: Low Noise Broadband amplifier**

**Quantity: 1 (One)**

Parameter	Specification
Frequency	18GHz to 40 GHz
Gain	~20 dB
Noise Figure (Less than)	4.5dB
Connector	2.92mm K Connector
Other Items	Power supply
Warranty	2 years

**General requirements:**

1. Please quote ex-works price.
2. Validity of the quotation should be at least for 60 days.
3. Please provide detailed data/specification sheets, including photographs of the product showing different configurations/views.
4. Vendor must provide technical compliance sheet against tender specs along with supporting document.
5. Proprietary certificate and/or authorization letter, if any, may be included.
6. Please indicate the Payment terms and delivery period.

Sd/-

Dr. K. V. Srivastava

Department of Electrical Engineering

Indian Institute of Technology Kanpur

Kanpur – 208 016, India

Email: [kvs@iitk.ac.in](mailto:kvs@iitk.ac.in); Phone: +91 512 679 7105