

**Indian Institute of Technology, Kanpur  
Department of Physics**

**Enquiry no.:** IITK/PHY/340-7

**Enquiry date:** 08.01.2013

**Closing date:** 15<sup>th</sup> January, 2013

Sealed quotations are invited for one three-input three-output high-voltage amplifier. The voltage amplifier should have the following specifications (Qty #1):

<b>Number of Amplifiers in one unit:</b>	3 (3 inputs connected to 3 respective outputs)
<b>External Input Voltage Range</b>	0-10V
<b>External Input Impedance</b>	10 kOhm
<b>Output Voltage Range</b>	0-150V
<b>Output Impedance</b>	150 Ohm, 0.05 microFarad
<b>Output Voltage Noise</b>	< 1.6 V <sub>rms.</sub> and/or <10 V <sub>pp</sub>
<b>Communication</b>	RS 232
Digital to Analog(D/A) resolution	16bit/2.75mV
A/D resolution	16bit/3mV
<b>Bandwith:</b>	For a driving load of 1.6uF capacitance: 250 Hz No Load at 150V: 8.5 KHz
<b>Stability</b>	< 0.01% drift over 5 Hours

**Terms and conditions:**

The sealed envelopes with the quotes should be superscribed with the Inquiry number.

The delivery period should be specifically stated.

Quotes should be made options for the either of the following delivery modes

- Ex-works for pickup by our world-wide transport provider
- FOB in country of origin
- CIF, New Delhi
- For delivery to IIT Kanpur

Maximum educational discounts should be applied – this equipment will be used for research as well as teach and train students.

Quotes should have a minimum validity of 60 days

Address the quotations to:

**Dr. Saikat Ghosh**

**Department of Physics**

**Indian Institute of Technoloy, Kanpur**

**Kanpur – 208 016, India**

**email: gsaikat@iitk.ac.in,**

**Ph: +91-512-259 6971**

**Fax: +91-512-259 0914**

