



No. 02/2018/EE-3/21(KM)

Dated: 23/01/2018

From : The Head of the Department,
Electrical Engineering,
IEST, Shibpur, Howrah-711 103

To :

Enlisted vendors of the institute and other interested parties.

Dear Sir(s),

Sealed quotations are invited for supply of the following item(s) within **05/02/2018** (05:00 pm). The quotation should include the taxes as per rule, delivery charges, entry tax if any, etc. to Indian Institute of Engineering Science and Technology, Shibpur and should mention a firm delivery period. Preferences will be given to the suppliers who can supply ex-stock. PRICES SHOULD BE QUOTED ON A PER-UNIT BASIS. QUANTITIES MENTIONED IN THE ENQUIRY TENDER ARE NOT FINAL AND MAY BE MODIFIED DEPENDING ON ACTUAL RATE QUOTED AND FUNDS AVAILABLE WITH US.

Signature of the indenting Officer/
Concerned Faculty Member

Yours faithfully,

Prof. & Head of EE Dept.
IEST, Shibpur, Howrah – 711 103

1. **Multi-range Hall effect based current transducer:** 12 no.s

Technical Specifications:

Closed loop compensated Hall Effect based current measurement of AC, DC, pulsed currents with galvanic isolation.

Isolation voltage: 2kV or more at power frequency, impulse voltage 7 kV or more.

Isolation resistances greater than 1500 Mohm.

Current rating: 25A RMS nominal primary current, secondary nominal RMS current 25mA.

Bandwidth: DC to 150 kHz, response time less than 1 microsecond.

di/dt: Greater than 50A/microsecond

Accuracy: At 25 deg C should be around 0.5%.

Linearity error: Less than 0.2%.

Supply voltage: +/-15V

Approx. weight: 25 gms

Standard EN50178:1997 compliant

Warranty required: 5 years minimum

Delivery to be completed within 6 weeks maximum

Offer validity: 60 days

2. **Hall effect based voltage transducer:** 10 no.s

Technical Specifications:

Closed loop compensated Hall Effect based voltage measurement of AC, DC, pulsed voltages with galvanic isolation.

Isolation voltage: 2kV RMS or more at power frequency or more,

Suitable for upto 500V primary voltage measurement. Conversion ratio 2500:1000, primary nominal RMS current 10 mA

Response time @ 90% V_{pmax} = around 40 microsecond

Accuracy at 25 deg C should be within 1%, linearity error to be less than 0.2%

Supply voltage: +/-15V or +/-12V

Approx. weight: 25 gms

Ambient temperature up to 70 deg C

Standard EN50178 compliant

Warranty required: 5 years minimum

Delivery to be completed within 6 weeks maximum

Offer validity: 60 days

Details of bidder

Job details: Supply and installation of **Multi-range Hall effect based current transducer & Hall effect based voltage transducer** at the Electrical Engineering Department, IEST Shibpur.

1. Name of the firm (in block letters):
 2. Office Address:
 3. Contact No. :
 4. E-mail address:
 5. Whether Proprietorship firm/partnership:
 6. Name of the Proprietor/Partner(s):
 7. Trade License No. :
 8. GST No. :
 9. Service Tax Registration No. :
 10. PAN:
 11. Bank A/C details:
 - a) A/C name:
 - b) A/C No:
 - c) Bank Name& Branch:
 - d) IFS Code:
 12. Total Quoted Price*: (In figure):
(In words):
- *Detail of price given in attached quotation.

Signature with seal: _____