

DEPARTMENT OF ELECTRICAL ENGINEERING
INDIAN INSTITUTE OF ENGINEERING SCIENCE AND TECHNOLOGY,
SHIBPUR, HOWRAH-711 103.

No. 07/2017/EE-3/21(GB)

Dated: 24/10/2017

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 **21 days** from the date of publication of this advertisement in the website. 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.

Yours faithfully,



Signature of the indenting Officer/
Concerned Faculty Member



Prof. & Head of EE Dept.
IEST, Shibpur, Howrah-711103

List of Items:

1. **Voltage transducers (Hall effect):** Primary voltage 10-500V, Primary rms current 10mA, Secondary rms current 25mA, Galvanic isolation 2.5 kV, conversion ratio 2500 : 1000, response time ≤ 40 microsecond. Model/Maker - **LEM LV 25-P** or equivalent. **Quantity – 7 (seven).**
2. **Current transducers (Hall Effect):**
 - (a) Primary nominal rms current 50 A, Secondary nominal r.m.s current 50mA, Galvanic isolation 2.5kV, conversion ratio 1 : 1000, response time ≤ 1 microsecond. Model/Maker - **LEM LA 55-P** or equivalent. **Quantity – 10 (Ten).**
 - (b) Primary nominal rms current 5-6-8-12-25 A, Secondary nominal r.m.s current 25mA, Galvanic isolation 2.5kV, conversion ratio 1-2-3-4-5 : 1000, response time ≤ 1 microsecond. Model/Maker - **LEM LA 25-NP** or equivalent. **Quantity – 6 (Six).**
3. **Gate Driver Cards:** To drive IGBT leg module (1200V, 75A), Must have short-circuit protection & active clamping facilities, error feedback should be generated. Model/maker's name – **CONCEPT (25C0435T2A0-17)** or equivalent. **Quantity – 5 (Five).**

Warranty requirements: 6 months for all the items.