

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

No. 08/2017/EE-3/21(SP)

Dated: 26/10/2017

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,

Sparmi.

Signature of the indenting Officer/
Concerned Faculty Member


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

List of Items:

1) Digital Solar Radiation meter: Quantity Required: 2 (two) approx

1. Display : 3½ digits LCD with maximum reading 1999
2. Range : 1999W/m²
3. Resolution : 1W/m²
4. Accuracy : <±3/ year
5. Accuracy : Typically within ±10W / m² or ±5%, whichever is greater in sunlight;
Additional temperature induced error ± 0.38 W / m² / °C from 25°C
6. Angular Accuracy : Cosine corrected <5% for angles <60°
7. Drift : <±2% / per year Over-input : Display shows "OL"
8. Operating temp. & RH : 5°C~40°C, below 80%RH.
9. Storage temp. & RH : -10°C~60°C, below 70% RH.
10. Sampling time : Approx. 0.25second
11. Battery life : approx. 100hr.
12. Dimensions : 132(L) x 60(W) x 38(H)mm,
13. Weight : approx. 150g.

2) PMMC Ammeter: Quantity : One

1. Range : 0-1-2A
2. Dimension : 250 mm × 190 mm × 80 mm (approx)
3. Housing : Bakelite/Black engineering plastic
4. Scale length : 140-145 mm
5. Test Voltage : 2000 V AC (rms) for 1 min
6. Insulation Resistance : Over 20 Meg ohms at 500 V DC
7. Sensitivity : 1000 ohms/V for DC Meters
8. Weight : 1 Kg (approx)
9. Confirming to BS89, IEC 51 & ISS1248