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Enquire No.: EE/SKM/004/2018

Kanpur
24/01/2018

Starting date: 07/02/2018
Ending Date: 05/03/2018

Sir/Madam,

Sub: Bench top LCR meter

We are inviting quotation for **one** bench top LCR meter. The LCR meter will be used in a lab environment to carry out various power related experiments.

The meter should have following features:

- 20Hz to 500KHz Frequency Range minimum
- Measurement parameters: L, C, R, Z, Y, X, DCR, Q, B, D, θ , V_{dc} , I_{dc}
- Equivalent circuit measurement: Parallel, series
- Impedance range selection: Auto, manual
- Trigger mode: Internal, external, manual, GPIB
- 0.05% (100Hz to 1 MHz) basic accuracy of frequency range or even better
- Auto-level control
- Test signal voltage adjustable from $0V_{rms}$ up to $2V_{rms}$ with resolution of approx. $100 \mu V_{rms}$ or better and with normal accuracy of 10%
- Test signal current adjustable from $0A_{rms}$ up to $20mA_{rms}$ with resolution of approx., $1 \mu A_{rms}$ or better with normal accuracy of 10%
- DC bias signal of 0 to 2V and 0 to 20mA or higher



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- The measurement speed be less than 200ms even lesser for slow mode operation
- Selectable output impedance with nominal value of 100ohms approx.
- Trigger time delay of approx. 999s with resolution of 100micros and step delay time of approx. 999s with resolution of 100micros
- Versatile PC connectivity (USB,GPIB, LAN,LXI interface)
- Operating temperature : 0 to max 52deg C or even higher
- Storage temperature : min of -20 to max of 65deg C
- Open/short/load compensation & cable length correction (1/2/4 m)
- 201 points list sweep, auto-level control, level monitor

We request to kindly send in your quotes and specs by **05/03/2018**. Please send the technical and financial specifications in sealed envelopes separately.

Thanks,

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