

**Punjab Engineering College (Deemed to be University),  
Chandigarh  
Department of Electrical Engineering**

**INVITATION FOR QUOTATIONS**

Quotations are hereby invited for the purchase of the item mentioned below. The quotation should be sent in a sealed envelope, properly sealed with wax / transparent fixing tape, duly signed, and clearly superscribed on the top of the envelope as:

**“Quotation for Purchase of Bench Top LCR Meter”**

Due Date: 06 February 2026

The sealed quotation should reach the office of the Head, Department of Electrical Engineering, Punjab Engineering College (Deemed to be University), Sector 12, Chandigarh, **on or before** 06 February 2026 by 05:00 PM.

S.No.	Item Description	Quantity
1	<i>Bench Top LCR Meter</i> (The detailed specifications are attached with this letter)	1

The quotations will be opened on **09 February 2026 (Monday) at 11:00 AM** by the duly constituted committee in the presence of the bidders or their authorized representatives, if they wish to be present at the time of opening. The competent authority reserves the right to accept or reject any or all quotations without assigning any reason.

Necessary technical literature/brochures of the quoted equipment may please be enclosed with the quotation. The prices should be quoted on F.O.R. PEC, Chandigarh basis.

**No advance payment shall be made.**

**100% payment will be released after successful delivery and installation of the equipment.**

Note: The quotation notice may be downloaded from the institute website i.e. [www.pec.ac.in](http://www.pec.ac.in)

Head,  
Department of Electrical Engineering

*Shubham  
22/1/26*

*3  
21/1/2026*

*Shubham  
20/1/2026*

**Punjab Engineering College (Deemed to be University),  
Chandigarh**

**Department of Electrical Engineering**

The detailed specifications of Bench Top LCR Meter (200 kHz)

Bench Top LCR Meter (200 kHz)		
Sl No.	Parameters	Specification
1	Measurement parameters	Z, Y, $\theta$ , Rs(ESR), Rp, Rdc(DC resistance), X, G, B, Cs, Cp, Ls, Lp, D(tan $\delta$ ), Q
2	Measurement modes	LCR mode: Measurement with single condition Continuous measurement mode: Continuous measurement under saved conditions (maximum 2 sets)
3	Measurement range	100 m $\Omega$ to 100 M $\Omega$
4	Display range	Z, Y, Rs, Rp, Rdc, X, G, B, Ls, Lp, Cs, Cp : $\pm (0.00000 \text{ [unit] to } 9.99999 \text{ G [unit]})$ $\theta : \pm (0.000^\circ \text{ to } 180.000^\circ)$ , D : $\pm (0.00000 \text{ to } 9.99999)$ , Q : $\pm (0.00 \text{ to } 9999.99)$ , $\Delta\% : \pm (0.000\% \text{ to } 999.999\%)$
5	Basic accuracy	Z : $\pm 0.05\%$ rdg, $\theta : \pm 0.03^\circ$
6	Measurement frequency	40 Hz to 200 kHz (5 digits setting resolution)
7	Measurement signal level	Normal mode: V mode/CV mode: 5 mV to 5 Vrms, 1 mVrms steps CC mode: 10 $\mu$ A to 50 mA rms, 10 $\mu$ Arms step
8	Output impedance	100 $\Omega$
9	Display	Monochrome LCD
10	Measurement time	2 ms (1 kHz, FAST, display OFF, representative value)
11	DC resistance measurement	Measurement signal level: Fixed to 2 V
12	BIN measurement	10 main parameter categories, 1 sub-parameter category, and out of range
13	Compensation	Open/short/load/correlation compensation
14	Memory function	Stores 32,000 data items to the memory of the instrument
15	Interfaces	External I/O, USB
16	Operating temperature and humidity ranges	0 °C (32 °F) to 40 °C (104 °F), 80% rh or less, no condensation
17	Storage temperature and humidity ranges	-10°C (14°F) to 50 °C (122°F), 80% rh or less, no condensation
18	Power supply	AC 100 to 240 V, 50/60 Hz, 50 VA max
19	Applicable standards	EMC: EN61326-1, Safety standard: EN61010
20	Included accessories	Power Cord x1, Instruction Manual x1, 4 Terminal Probe (DC to 200KHz)
21	Warranty	1 Year
22	Authorization Letter	Bid specific authorization is must

Aug/2011/26

3  
20.1.20