

ELECTRICAL ENGINEERING DEPARTMENT
DELHI TECHNOLOGICAL UNIVERSITY
 SHAHBAD DAULATPUR, BAWANA ROAD, DELHI-110042

No. F. DTU/EED/D&C-Probe/CSL/604/2025/1969

Dt. 03.11.2025

NOTICE INVITING QUOTATIONS

Sealed Quotations are invited for the supply of following items in the Electrical Engineering Department. The sealed quotations on the company's letterhead including GSTIN number should reach to the office of the Head, Department of Electrical Engineering, Delhi Technological University, Delhi-110042 latest by 18/11/2025 by the post.

S.NO	ITEM NAME	SPECIFICATIONS	QTY
1	Differential Probe 100MHz	- Bandwidth: 100MHz probe bandwidth* - Attenuation: -250 /25:1 - Differential measurement range (DC + AC peak) ± 750 V / ± 75 V - Gain accuracy (% of reading) <2% - Differential input resistance 5 MΩ // 2 pF - Common mode rejection ratio (high attenuation) DC: >80 dB 1 kHz: >50 dB 1 MHz: >40 dB 100 MHz: >20 dB - Common mode rejection ratio (low attenuation) DC: >80 dB 1 kHz: >60 dB 1 MHz: >50 dB 100 MHz: >20 dB - Noise referenced to input (probe only, high attenuation) <50 mVrms - Noise referenced to input (probe only, low attenuation) <20 mVrms - Offset drift <100 μV/°C - Should have UL Safety-Certified - Standard warranty – 1 Years. Manufacturer should have its own NABL Accredited Calibration Lab facility with in India	02
2	Current Probe 100MHz	- Bandwidth Dc to 100 kHz (-3 dB) - Current range 100 mV/A: 100 mA to 10 A peak 10 mV/A: 1 to 100 A peak - Output signal 1000 mV peak max - AC current accuracy Range 100 mV/A (50 mA to 10 A peak) - Accuracy Range 3% of reading ± 50 mA 10 mV/A (500 mA to 40 A peak) - Accuracy Range 4% of reading ± 50 mA 10 mV/A (40 A to 100 A peak) - Accuracy (40 A to 100 A peak) 15% max at 100 A - Noise Range 10 mV/A: 480 μV Range 100 mV/A: 3 mV - Insertion impedance 0.01 Ω (50/60 Hz) - Maximum working voltage 600 Vrms CAT II or 300 Vrms CAT III - Maximum common mode voltage 600 Vrms CAT II or 300 Vrms CAT III - Battery 9 V alkaline (NEDA 1604A, IEC 6LR61) - Battery life 55 hours typical - Standard warranty – 3 Years. Manufacturer should have its own NABL Accredited Calibration Lab facility and service center in India.	02

Bharat

Rachna

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Head,

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