

राजीव गांधी पेट्रोलियम प्रौद्योगिकी संस्थान (आरजीआईपीटी)

Rajiv Gandhi Institute of Petroleum Technology
(संसद के अधिनियम के अधीन स्थापित राष्ट्रीय महत्व का एक संस्थान)
(An Institute of National Importance established under the Act of Parliament)
जायस, अमेठी- 229304, उत्तर प्रदेश Jais, Amethi- 229304 Uttar Pradesh
QUOTATION ENQUIRY

Ref. No.: RGIPT/JAIS/SBH/LCR/1/2024-25

Dated: 29/08/24

Last Date and time for the quote: 09/09/24 till 17:00 hours in the Office of the Department of Department of Science & Humanities, 5th Floor, AB-2, RGIPT, Jais, UP-229304.

Dear Sir/Madam,

Please submit your lowest quotation for supplying the under mentioned item. Quotation must reach us before the date marked above and should contain the following information:

1. Clearly mention the date of validity of offer.
2. **Kindly clearly mention your E-mail ID and Mobile number.**
3. Kindly mention appropriate GST % as applicable for supplying of Goods & Services.
4. Please mention your GST registration number and PAN in the quotation.
5. Conditions of supply and terms of payment shall be clearly mentioned in the quotation.

Quotation must be sent in **sealed envelope** with word "**QUOTATION for "LCR (LCR MODEL NO. E4980AL) Meter Software with the accessories"**" and addressed to Office of the **Department of Department of Science & Humanities, 5th Floor, AB-2, RGIPT, Jais, UP-229304**. Our reference number and last date as given above should be clearly marked over it.

Features	Parameters
Type	LCR (LCR MODEL NO. E4980AL) Meter Software with the accessories LCR Meter Software Make keysight, Model No. BV0014B 20Hz to 1 MHz with DCR Measurement R-X53-001-A -: Node-locked perpetual license R-X63-001-Z-: Keysight Care software support subscription, node-locked - 60
Frequency	20Hz to 1 MHz with DCR Measurement
Accessories	20MHz for 2 Channels Arbitrary Function generator 100MHz for 2 Analog Channels Digital Storage Oscilloscope
Cables	Interface USB and LAN

Digital Oscilloscope:

- Bandwidth: 100 MHz
- Serial protocol analysis: Standard: I²C, SPI, UART/RS-232, CAN, LIN
- Waveform math: Add, subtract, multiply, divide, FFT (magnitude and phase), low pass filter.
- Automatic measurements: 14 amplitudes, 14 timing, and 4 pulse count measurements.
- Sample rate per channel: 2 GSa/s (one- or two-channel operation) and 1 GSa/s (if external trigger view is turned on)
- External trigger: Front panel input
- Waveform update rate: 200,000 waveforms per second
- Display: 7-inch TFT LCD WVGA
- Connectivity: USB 2.0 (host and device), LAN

Function generator:

- Maximum frequency: 20 MHz, dual-channel function/arbitrary waveform generator
- Standard: Sine, square, ramp, pulse, triangle, Gaussian noise, pseudorandom binary sequence (PRBS), DC
- Built-in arbitrary: Cardiac, exponential fall, exponential rise, Gaussian pulse, haversine, Lorentz, D-Lorentz, negative ramp, sin
- User-defined arbitrary: Up to 8 MSa per channel; with up to 1 MSa per waveform
- Operating modes: Continuous, modulate, frequency sweep, gated burst
- Modulation types: Amplitude modulation (AM), frequency modulation (FM), phase modulation (PM), frequency shift keying (FSK), binary phase shift keying (BPSK), pulse width modulation (PWM)
- Get six built-in modulation types and 17 popular waveforms to simulate typical applications for testing
- Acquire 16-bit arbitrary waveform capability with memory up to 8 M samples per channel

Software	No PC / Laptop should require controlling
Warranty	3 years
Calibration certificate required	Yes
Software	Node-locked perpetual license,
Accessories (If required for operation for a specific model)	Interface cable, gauge/indicator to test stand, USB cable, spanner wrenches etc.

Note: QCBS evaluation methodology will be adopted for technical and financial evaluation

For any queries contact:

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Mobile: 8755872983

Atul Sharma
29th Aug 21

Prof. Atul Sharma,
Head Department of Sciences and Humanities
RGIPT, Jais, Amethi