

**Subject: Reply of CUH on the queries raised by the bidders during the Pre-bid Meeting held on 17/11/2025.**

**Name of Equipment:** Probe Station with Semiconductor Characterization.

Sr. No.	Name of firm	CUH Specification as per NIT	Bidder's queries	Reply of CUH
1.	AKAM Technologies	<p>(i) A single supplier must provide all items, and they must be fully compatible with and controllable through the Semiconductor Parameter Analyzer (SPA).</p> <p>(ii) The complete system must function as an integrated platform, with centralized control and data acquisition enabled via the SPA. A unified or seamlessly integrated software interface must be provided.</p>	<p>We request for your confirmation on allowing vendors to submit their quotation for individual equipments rather than a complete package which will let you choose the world's best products for your esteemed organisation.</p>	No change

Sr. No.	Name of firm	CUH Specification as per NIT	Bidder's queries	Reply of CUH
2.	Agmatel India Pvt. Ltd.	<b>1.Main Instrument:</b> a. PC base instrument with MS operating system.b. Should have inbuilt 15 Inch or more HD Touch screen display.	Request to amend the specification with 15-inch touch screen display or better	<b>No change</b>
		<b>2.Resolution:</b> Source: 5 $\mu$ V and measure: $\pm$ 200nV	Source: 25 $\mu$ V and measure: 500nV	<b>No change</b>
		<b>3.Voltage Source and measure range:</b> 200 mV to 200V	$\pm$ 2 V to $\pm$ 200 V	<b>No change</b>
		<b>4. Resolution:</b> Source: 5 $\mu$ V and measure: $\pm$ 200nV.	Source: 100 $\mu$ V and measure: $\pm$ 2 $\mu$ V	<b>No change</b>
		<b>5. Current Source and measure ranges:</b> 1pA to100mA	1nA to 1A	<b>No change</b>
		<b>6.Resolutions:</b> Source: 1.5 fA Measure: $\pm$ 100 aA .	Source: 50 fA Measure: $\pm$ 10 fA	<b>No change</b>
		<b>7.1/f noise measurements:</b> 1 mHz to 10 Hz (for all SMU terminals)	Not Available,  Request to remove this spec. Dedicated solution is available 1/f noise measurement	<b>No change</b>

	<p><b>8.Frequency range:</b></p> <p>1kHz to 10 MHz with accuracy of better than +0.01%</p>	<p>1 kHz to 5 MHz with ±0.008% accuracy</p>	<b>No change</b>
	<p><b>9. AC amplitude</b> Output Range: at least 10 mV rms (or lower) to 1V rms (or higher) Resolution: at least 1 mV (rms) or better</p>	<p>Range: 10 mVrms to 250 mVrms with 1mVrms resolution</p>	<b>No change</b>
	<p><b>10. DC bias: i)</b> Range: at least range –25V to +25V or higher</p> <p>ii) Resolution: at least 1 mV or better (higher resolution)</p>	<p>DC biad : 0 to ±25 V Resolution: 1 mV</p>	<b>No change</b>
	<p><b>11. Dual channel Pulse Generation &amp; Measurement</b> capability for voltage range of 40V.</p>	<p>Dual Channel Pulse generator with Output voltage (Vout) range - 40 V to +40 V.</p>	<b>No change</b>
	<p><b>12. System should have current measurement feature supporting ranges</b> 100 nA, 1uA, 10uA, 100 uA, 1 mA, 10 mA, 200 mA and 800 mA</p>	<p>As this unit is Pulse generator unit, request to remove the current range specification.</p>	<b>No change</b>
	<p><b>13.SMU- PMU- CVUswitching unit:</b> The system should have built-in Capability to switch the measurements from I-V and C-V to Pulsed I-V from the select menu without changing the connections on the DUT. It must provide the switching capability between two SMUs and the pulse generator channels.</p>	<p>Request you to amend the specification as Automatic switching between IV and CV</p>	<b>No change</b>