



## INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH

### TIRUPATI

CLARIFICATION ON TENDER NUMBER – Tender No: IISERT/PUR/0699/18

#### ITEM DESCRIPTION- SUPPLY, INSTALLATION AND COMMISSIONING OF SEMICONDUCTOR PARAMETRIC ANALYZER

Refer our Press Tender No. IISERT/PUR/0699/18 dated 08.04.2019 for procurement of Supply, Installation and Commissioning of Semiconductor Parametric Analyzer.

Pre-Bid meeting was held on April 15<sup>th</sup>, 2019 at 15:00 and minutes of meeting is as under.

At the outset, the Chairman welcomed all the Members and the representative of the Prospective Bidders and briefed in general the scope of the Project and thereafter requested Assistant Registrar (S&P) to brief the vendors on the salient features of the commercial terms and the indenting Officer to read out the clarification sought by the Prospective Bidders and replied thereto as detailed in **Annexure -II**

The representatives present were satisfied with the replies given and it was informed that the corrections / additions / clarifications given, as discussed during the Pre-Bid Conference would be hosted on the website of IISER Tirupati and all the Prospective Bidders are required to take cognizance of the proceedings of the Pre-Bid Conference before submitting their bids as stipulated in the Bidding Documents.

The other terms & conditions of the notice issued on our IISER website <http://www.iisertirupati.ac.in/> will remain unchanged. No more correspondence in this regard will be entertained

The meeting ended with vote of thanks to the Chair

**IISER TIRUPATI**

**PRE-BID CONFERENCE FOR PROCUREMENT OF INSTALLATION AND COMMISSIONING OF SEMICONDUCTOR PARAMETRIC ANALYZER**

**TECHNICAL QUERIES AND CLARIFICATION**

TENDER NUMBER - IISERT/PUR/0699/18

DATE : 19.04.19

S.No	Query/Clarification Sought	Clarification / Amendment
	<p><b>Ground unit</b></p> <p>A separate ground unit should be available with at least 4A sink current apart from the independent of the <b>8 slots</b> or better. steel stand moveable with four-wheel locks.</p>	<p>We have revised the specification based on their request and we agree to change from 10 slots to 8 slots or better.</p>
	<p><b>Minimum current range and resolution</b></p> <p>100nA with measure resolution of 100fA</p>	<p>We have revised the specification based on their request</p> <p>We agreed for 100nA with measure resolution of 100fA.</p>
	<p><b>Pulse width range for pulsed measurement</b></p> <p>1ms to 2 s</p>	<p>Pulse measurements are very important for our research, so we need the pulse width range of minimum 600us to 2s.</p>

	<p><b>The system should be able to measure the capacitance/inductance measurements with the lower frequency</b></p> <p>Remove</p>	<p>This is optional only so we have removed it based on their suggestions.</p>
	<p><b>Should have capability to sweep the source using the scroll knob on the instrument enabling real time device characterization</b></p> <p>We do not have physical knob but capability is implemented in SW which std on instrument.</p>	<p>The physical knob (hardware) will be useful for easily define a measurement setup in practical usage and time-saving, so please provide the physical knob (hardware support) as we have requested earlier.</p>
	<p><b>Accessories</b></p> <p><b>Please add bellow two points</b> (1) Low Noise TRX cable for 1.5 meter: 5 no (2) Test fixture for 1 pA current measurement and testing of two /three terminal device testing.</p>	<p>(1) Our probe station will be inside the multi port glove box, so we need the cables length of minimum of 3 meters. So please provide the same.</p> <p>(2) Test fixture is not a mandatory unit for us.</p>



**IISER TIRUPATI**

**PRE-BID CONFERENCE FOR PROCUREMENT OF INSTALLATION AND COMMISSIONING OF  
SEMICONDUCTOR PARAMETRIC ANALYZER  
COMMERCIAL QUERIES AND CLARIFICATION**

TENDER NUMBER - IISERT/PUR/0699/18

DATE : 19.04.19

S.No	Query/Clarification Sought	Clarification / Amendment
	-----NIL-----	-----NIL-----