

SEMI CONDUCTOR LABORATORY

S.A.S. NAGAR

Record of clarifications provided to the queries of the prospective bidders during Pre-Bid Conference held at SCL on 04.01.2018 in response to Public Tender Notice No. SCL/PT/104 (Tender Ref. No. SCL/PS2/2017E0085601 for Flicker Noise (1/f) Measurement System.

A. M/s Keysight Technologies India Pvt. Ltd., New Delhi & M/s Agmatel India Pvt. Ltd., New Delhi

Sr. No.	Clause Ref. No. of Tender	Bidders Query/Clarification Sought	SCL's Response
1.	Technical Specifications- Measurement requirements: 13	CE certified Fixture for DIP – Dual Inline Package devices would be provided. As test fixture is part of the Entire System & remain critical for low noise measurement. Hence to ensure that only CE certified test fixtures are only quoted. Hence we propose to amend this specs to “CE certified Test Structure box/fixture to do measurement on DIP (Dual In Line) Packaged devices.	Test structure Box is required to carry on characterisation of devices in DIP packages, the noise introduced by test fixture box must be low so that noise characterisation of DUT should not to be affected, that is why vendor was asked to provide the details of test fixture box.
2.	Safety: 10.1	These Being Chassis based instrument, as such there is no provision for Such red /Alarm Push buttons. However instrument can be programmed to provide Alert /Alarm signals for measurement /operation.	OK
3.	Scope of Supply: 1	Yes, Except for the external circuitries required for the circuit noise measurements like Op-amp, LDO etc. Hence we request to please amend accordingly.	Quotation should comply as required in Scope of supply.
4.	Eligibility Criteria: 2	As per generally practiced international Standards of Business Conduct (SBC); Keysight cannot furnish their customer names as it is Confidential. Divulging this is a violation of Customer specific information not permitted by Global laws and practices by which Companies are governed. Furthermore, we'd need their official permission to do so.	Please share the details of your customers who are in public domain.

		We can however share # of worldwide installations and names of our customers which are in public domain.	
5.	5	Need more clarification. What are data fitting tools?	In order to model the measured data must be averaged out excluding the random variation using data fitting tools such as linear regression method etc.

B. M/s Pro Plus Solutions, USA

1.	Vendor Specified Terms: 2 & 4 (f)	There's a requirement to pay a security deposit (10% of the contract value), then I see another 10% performance bank guarantee, and in the payment term, there's 10% payment that will be processed after the installment is successful. This is a very rare condition that we never have in other places. We are able to ship the system within 60 days and have the system installed/tested right after the delivery. Can we simplify the process – we can accept the payment you propose, i.e., 90% payment after goods arrival, then 10% after the successful installment. And we suggest to remove the requirements of 10% security deposit and 10% performance bank guarantee, from the requirement.	Security Deposit and Performance Bank Guarantee is to be submitted as per SCL's RFP requirement.
2.	6 (i) & (ii)	Do we need to provide a separate quote for (1) post-warranty maintenance support; (2) post-warranty calibration services?	Yes to be uploaded as a separate pdf file under tab supporting documents from vendors (Commercial) as per SCL's RFP requirement.
3.	16	To clarify, for the technical document listed in the requirement, such as system user manuals, hardware/software manuals, etc, we will not provide them for tender process, but we can and will provide those when our proposal is accepted.	OK

C. M/s International Business Div., Mumbai on behalf of M/s Admos GmbH, Germany

1.	Scope of Installation, Acceptance & Warranty: 5	Acceptance Criteria Measure Noise of the device on the SCL-wafer /packaged device to verify the typical behaviour of 1/f noise characteristics. S Question: Where test will be perform at SCL project site? And testing device has to be provided by SCL. Kindly confirm	The characterisation of devices shall be perform at SCL site at wafer level using existing Cascade Manual wafer prober (Submit 11000) and Semiconductor Device Analyzer(Keysight'sB1500A). The testing device will be provided by SCL.
----	--	---	---

General Comments:

1. Vendors expressed satisfaction on the response/clarifications provided to their queries.
2. The prospective bidders must take the response / clarifications as recorded herein into account while submitting the bid to SCL.

Head Purchase & Stores