

**INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY HYDERABAD 500007****Tender No PUR/MSN/1098/16 –UPLC-MS/MS SYSTEM****Technical Queries/Clarifications as discussed on the pre bid conference held on 04 Jan 2017 1100 AM  
at IICT Committee room**

<b>M/s Agilent Technologies</b>			
<b>Sl No.</b>	<b>Clause No of the Tender document</b>	<b>Clarification sought</b>	<b>Clarifications/Amendment</b>
1	On column injection of 1 pg of reserpine with a signal to noise ratio of 4,00,000:1 in positive ESI mode	As each manufacturer has different methodology we request you to make it 75,000:1 in positive ESI.	As the requirement is for ultra trace level metabolite analysis, sensitivity cannot be compromised and hence not possible to reduce the sensitivity specification.
2	On column injection of 1 pg Chloramphenicol solution must give a signal to noise ratio of 4,00,000:1 in ESI –VE mode	We request you to make it 30,000:1 in negative ESI.	As the requirement is for ultra trace level metabolite analysis, sensitivity cannot be compromised and hence not possible to reduce the sensitivity specification.
3	Criteria of S/N check	As u are aware that S/N may not be a correct criteria of sensitivity, we request you to add for instrument detection limit of reserpine for both in positive and negative mode for sensitivity spec and which be better than 4 fgm.	As there is no other standard terminology to describe sensitivity other than S/N check, the amendment cannot be done. Moreover, limit of detection is dependent of the method developed and hence is not the standard representation of instrument specification.

<b>M/s AB SCIEX</b>			
<b>4</b>	Mass range: 10-1800 or better.	Mass range: Since you are looking for a high-end system please consider > to increase the mass range from 10-1800 (Current) to 5-2000 or better.	For the current analytical requirement the given mass range is sufficient. In order to accommodate other vendors, we would like to keep it open.
<b>5</b>	On column injection of 1 pg of reserpine with a signal to noise ratio 50,000:1 or more in positive APCI mode (Very important)	On column injection of 1 pg of reserpine with a signal to noise ratio to be increased from 50,000:1 (Current) to 200,000:1 or more in positive APCI mode (Very important)	In order to accommodate other vendors, we would like to keep the specifications as such since the given specifications are sufficient for our work.
<b>6</b>	On column injection of 1 pg Chloramphenicol solution must give a signal 400,000:1 (Current) in ESI $\ominus$ VE mode or better.	On column injection of 1 pg Chloramphenicol solution must give a signal to noise ratio of 180,000:1 instead of 400,000:1 (Current) in ESI $\ominus$ VE mode or better.	In order to accommodate other vendors, we would like to keep the specifications as such since the given specifications are sufficient for our work.
<b>7</b>	Pump For UPLC System: the Quaternary gradient pump should be capable of delivering solvent 1200 bar pressure or better.	Pump For UPLC System: the Quaternary gradient pump should be capable of delivering solvent at 1300 bar pressure or better instead of 1200 bar pressure or better (Current).	In order to accommodate other vendors, we would like to keep the specifications as such since the given specifications are sufficient for our work.
<b>8</b>	Autosampler capable of holding minimum 98 samples 2 ml Vials or better	Autosampler capable of holding minimum 98 samples (1.5 ml vials(2 ml Vials current)) or better.	It is not very significant in the present case. Either 1.5 mL or 2 mL will be equally good. Hence, changes are not necessary.

Contd/-

**Amendments incorporated as follows:**

**Chapter 4: The point no 03 in Clause No 4.3.1 regarding Inspections and tests are removed.**

**Amend to read section 4.4 regarding training as follows:**

“Supplier should offer free training to our personnel during installation for 5 days towards operation of the system. This will be followed by application training of another 5 days after one month by the application specialist of the bidder. Subsequently a specialized application training of 5 days duration if required is to be imparted by the application specialist of the principal firm after 4 months from the date of installation and commissioning.”

**Amend to read point no c of chapter 6 i.e. qualification requirement for item A and item B regarding DGS& D enlistment as follows:**

“ The Indian agents of foreign manufacturers/suppliers quoting directly on behalf of their principles shall be enlisted with DGS&D as per the compulsory enlistment scheme of the Govt. of India failing which the bid shall be rejected. However the Purchaser may consider bids of Indian agent provisionally who have applied for enlistment but have not received the same. Such bidders must ensure that the enlistment certificate has to be provided before opening of the commercial bid failing which the bid may be rejected as non-responsive.”

**Note: Please note that the bidders must mention the page number of their technical bid on the technical compliance chart, failing which it will be presumed that there is no documentary evidence to support their claim and further decision shall be taken accordingly.**