

## ENTREPRENEURSHIP DEVELOPMENT CENTER

### Clarification on Tender Number- EDC/NIT/2020/001

#### Item Description – Procurement of Ultra High Performance Liquid Chromatograph

A press tender notice was issued on 4<sup>th</sup> May 2020 for the procurement of Ultra High Performance Liquid Chromatograph under two-bid system.

A pre-bid meeting was held on 13<sup>th</sup> May 2020 at 11:00 am via video conferencing and the minutes of the meeting is as under:

- 1) Prebid meeting was attended by representatives from Thermo Fisher Scientific, Agilent Technologies Pvt. Ltd & Spincotech Pvt; Ltd- distributors for Shimadzu Analytical.
- 2) Prior & during the meeting written queries were received from the representatives. Our replies to the same are as summarized below:

Specification Ref.	Query	Our reply
Chapter 4 Sr. No. 3	We request you to pls mention the lower limit of temperature as 15 degree to 80 degree in Thermostated column compartment.	<b>No change</b>
Chapter 4 Sr. No. 4	We request following changes in PDA detector 1. Detector Type- At least 1024 element diode array must be present for better spectral purity calculation. 2. Noise: Pls change it as $< \pm 8 \times 10^{-6}$ AU	<b>1. The technical specifications mentions &gt; 512 elements , hence 1024 elements detector will qualify</b> <b>2. Will be amended from <math>&lt; \pm 3 \times 10^{-6}</math> to <math>&lt; \pm 8 \times 10^{-6}</math> to AU, please see Point 3 of the minutes below. Visit our website <a href="http://www.venturecenter.co.in">www.venturecenter.co.in</a> to see the amendment document.</b>
Chapter 4 Sr. No. 5	We request below changes in Fluorescence Detector 1. Sensitivity: S/N Raman peak of water at 397nm>100	<b>Will be amended from Fluorescence Detector Sensitivity: S/N Raman peak of water at 450 nm &gt;100 to Fluorescence Detector Sensitivity: S/N Raman peak of water from 450 nm or 397 nm &gt;100, please see point 4 of the minutes below. Visit our website</b>

		<a href="http://www.venturecenter.co.in">www.venturecenter.co.in</a> to see the amendment document.
Chapter 4 Sr. No. 5	The technical specification mentioned for Fluorescence Detector's wavelength must be 200nm to 900nm. Is it necessary to have a wavelength range till 900 nm because majority of the biopharma applications have a wavelength till 500 to 600 nm will this be a limiting factor in the tender? Are there any specific application that you would be using a fluorescence wavelength greater than 600 nm?	No change
Chapter 4 Sr. No. 4	Noise level mentioned for the PDA detector is $< \pm 3 \times 10^{-6}$ AU this is an inbuilt property of the system and differs from Vendor to Vendor. This value can be achieved only under specified conditions and should not be generalised. As per my knowledge only one vendor would qualify under these circumstances. So, I kindly request you to remove this criterion as it is vendor specific	Will be amended from $< \pm 3 \times 10^{-6}$ AU to $< \pm 8 \times 10^{-6}$ to AU, please see Point 3 of the minutes below. Visit our website <a href="http://www.venturecenter.co.in">www.venturecenter.co.in</a> to see the amendment document.
Chapter 5 Sr. No. 5	The Cell Volume criteria for the Fluorescence detector mentioned in $< 10$ microliter. Ours is a very highly sensitive fluorescence detector and this high sensitivity was achieved by tweaking the cell volume to 12 microlitre which is our Standard Flow Cell configuration. So, we request you to relax this criterion or remove this criterion because these are specific to manufacturer.	Will be amended from Cell volume $< 10 \mu\text{l}$ to Cell volume $< 12 \mu\text{l}$ , please see Point 5 of the minutes below. Visit our website <a href="http://www.venturecenter.co.in">www.venturecenter.co.in</a> to see the amendment document.
Chapter 5 Sr. No. 7	The column dimensions and particle size for C8 columns, Hilic columns, C4 Columns, Glycan Analysis Columns and Amino acid columns needs to be mentioned. Additionally, the particle size for mentioned for C18 and C4 i.e. 2.6 micron and 3.6 micron are nonstandard and available with selected vendors and there by limits the scope of our supply. Kindly let us know if we can supply you with standard 2 micron, 2.2	Kindly submit details of the standard UHPLC columns available with you'll, preferably having pore sizes between 2-3 microns.

	micron and 3 micron and 5 micron particle size columns which are available with all vendors					
Chapter 4 Sr. No. 7	We do not have the kit for Amino Acid analysis, but we can provide the set of chemicals which can be used for the same. We can demonstrate the entire amino acid analysis using these chemicals at site. This is much more economical options other than the branded competitor kits which use these same chemicals to make their reagents increasing the cost.	<b>Yes, you'll may provide details of the set of chemicals required for Amino acid analysis along with the required column &amp; available method. Application support is a must for all the applications mentioned.</b>				
Chapter 4 Others	There is a mention of "spare kit" in the technical specifications what does it mean - is it the consumable kit or the Preventive Maintenance Kit?	<b>Spare kit implies all the necessary things required for efficient functioning for the system. This includes necessary consumables as well as PM kit.</b>				
Chapter 4 Warranty	<p>1. There are two Warranty Clauses Mentioned in the Tender which one is to be considered during Tender</p> <table border="1" data-bbox="395 1189 960 1659"> <tr> <td>Warranty</td> <td>Minimum one year of comprehensive warranty and four years of AMC from the date of acceptance of the equipment by EDC. Warranty shall include free maintenance of the whole equipment supplied including free replacement of parts</td> </tr> <tr> <td></td> <td>One year of comprehensive warranty of Spares included. Vendors must mention all the parts covered under warranty</td> </tr> </table>	Warranty	Minimum one year of comprehensive warranty and four years of AMC from the date of acceptance of the equipment by EDC. Warranty shall include free maintenance of the whole equipment supplied including free replacement of parts		One year of comprehensive warranty of Spares included. Vendors must mention all the parts covered under warranty	<b>Warranty Terms: Minimum one year of comprehensive warranty and four years of AMC from the date of acceptance of the equipment by EDC. Warranty shall include free maintenance of the whole equipment supplied including free replacement of parts. Vendors must mention all the parts covered under warranty</b>
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	One year of comprehensive warranty of Spares included. Vendors must mention all the parts covered under warranty					
Chapter 4 Sr. No. 7	Amino acid Kit - elaborate more on the contents of the kit whether the requirement is only for chemicals or also columns, ready method & application support for Amino acid analysis	<b>Amino acid kit means all the chemicals required for Amino acid analysis including the column and available method. Application support is a must.</b>				

Chapter 4 Sr. No. 7	Mention quantity of consumables required	<b>Ferrules- 25 nos</b> <b>Frits – 25 nos</b> <b>PEEK tubings- 3 sets (of all the sizes required for the system)</b>
Chapter 4 Computers & Accessories	Mention capacity of external hard disk required	<b>2 TB external hard disk</b>
Chapter 4 Others	Spare kit - do you'll require 1 spare kit which comes as a standard offering with the system or an additional kit	<b>We require a spare kit in addition to the one that comes with the system.</b>
Chapter 4 Training	Training details	<b>Onsite installation and training; Provision of training at an offsite facility for specific applications. Offsite means at the Vendors Application/Demo lab located in India.</b>
Tender Fee & EMD Amount	Can the Tender fee and EMD amount be paid via electronic transfer	<b>The EMD Amount can be paid via electronic transfer. Details of the same can be found here: <a href="https://www.venturecenter.co.in/pdfs/200504_Tender_Ammendment.pdf">https://www.venturecenter.co.in/pdfs/200504_Tender_Ammendment.pdf</a> Yes, the Tender fee payment can also be made via electronic transfer. Bank details are mentioned in the link above.</b>
Tender submission	Can the final bid be submitted online? Can this be an E-tender?	<b>At this point of time, there will be no E-tendering. However, keeping in mind the current lockdown due to the COVID-19 pandemic, the due date for the submission of the hard copies of the tender has been extended from 5 p.m., 23<sup>rd</sup> May 2020 to 5 p.m., 15<sup>th</sup> June 2020. Please see point 6 of the Minutes below. Visit our website <a href="http://www.venturecenter.co.in">www.venturecenter.co.in</a> to see the</b>

		<b>amendment document.</b>
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**3) Chapter 4 Sr. No. 4 is amended as follows;**

**Existing Nomenclature:** PDA Detector Noise:  $< \pm 3 \times 10^{-6}$  AU

**Amended Nomenclature:** PDA Detector Noise:  $< \pm 8 \times 10^{-6}$  AU

**4) Chapter 4 Sr. No. 5 is amended as follows;**

**Existing Nomenclature:** Fluorescence Detector Sensitivity: S/N Raman peak of water at 450 nm >100

**Amended Nomenclature:** Fluorescence Detector Sensitivity: S/N Raman peak of water at 450 nm or 397 nm >100

**5) Chapter 4 Sr. No. 5 is amended as follows;**

**Existing Nomenclature:** Fluorescence Detector Cell Volume <10 $\mu$ l

**Amended Nomenclature:** Fluorescence Detector Cell Volume <12 $\mu$ l

**6) Last Date for Submission of Bids is amended as follows;**

**Existing Nomenclature:** Due date for submission of Bids: 23.05.2020 upto 5 p.m.

**Amended Nomenclature:** Due date for submission of Bids: 15.06.2020 upto 5 p.m.

7) In general the bidders expressed their satisfaction about the details and Specifications given in the bid document.

**Kindly refer to the Amendment Document on our website: [www.venturecenter.co.in](http://www.venturecenter.co.in) for more details.**

The terms and conditions of the notice issued on our EDC website [www.venturecenter.co.in](http://www.venturecenter.co.in) will remain unchanged.

14.05.20

General Manager (EDC)