



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute under Ministry of Education, Govt. of India)
Transit Campus: Sree Rama Engineering College Campus, Karakambadi Road,
Mangalam B.O., Tirupati – 517 507, Andhra Pradesh, India.

Website: <http://www.iisertirupati.ac.in/>

CLARIFICATION ON TENDER NUMBER: IISERT/PUR/0014/21

ITEM DESCRIPTION- SUPPLY, INSTALLATION AND COMMISSIONING OF MALDI TOF/TOF SYSTEM.

REFER OUR TENDER NO: IISERT/PUR/0014/21, DATED:23/08/2021 FOR SUPPLY, INSTALLATION AND COMMISSIONING OF MALDI TOF/TOF SYSTEM.

Pre-Bid meeting was held on September 2nd, 2021 at 16:30 Via Google Meet and minutes of meeting is as under.

At the outset, the Chairman welcomed all the Members and the representative of the Prospective Bidders 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

06.09.2021

Sd/-
Assistant Registrar (S&P)



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Annexure II

PRE-BID CONFERENCE FOR SUPPLY, INSTALLATION AND COMMISSIONING OF MALDI TOF/TOF SYSTEM

TECHNICAL QUERIES AND CLARIFICATION

TENDER NUMBER - IISERT/PUR/0014/21

DATE: 02/09/2021

Sr. No	Query/Clarification Sought	Clarification / Amendment
1	Chapter 4, Page no-32, point number 4 A vendor asked for information on the external calibration of the instrument.	Chapter 4, Page no-32, point number 4 We need ≤ 10 ppm accuracy with external calibration.
2	Chapter 4, Page no-31, point number 1c A vendor requested to specify laser beam diameter as 10 μm instead of 5 μm .	Chapter 4, Page no-31, point number 1c We need beam diameter 5 μm for high-resolution spatial profiling.
3	Chapter 4, Page no-31, point number 1d One vendor asked to remove the automated cleaning of ion source	Chapter 4, Page no-31, point number 1d This is removed. Please read without this.
4	Chapter 4, Page no-31, point number 2a	Chapter 4, Page no-31, point number 2a Please read it as ≥ 1 KHz.



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	One vendor requested to specify laser repetition rate as ≥ 1 KHz.	
5	Chapter 4, Page no-31, point number 2b A vendor requested not to specify the laser life with number of shots.	Chapter 4, Page no-31, point number 2b This cannot be considered unless there is well defined laser life in terms of shots and that matches the said count. This is required as data collection under imaging experiment is massive.
6	Chapter 4, Page no-32, point number 3a A vendor requested to specify laser repetition rate as ≥ 1 KHz	Chapter 4, Page no-32, point number 3a Please read it as ≥ 1 KHz.
7	Chapter 4, Page no-32, point number 3c A vendor requested to specify Mass peak reproducibility: Less than 0.1 Da instead of 0.05 Da.	Chapter 4, Page no-32, point number 3c Accuracy in m/z signal reproducibility is highly anticipated and 0.1 Da appears with low accuracy as per our application. This cannot be considered.
8	Chapter 4, Page no-32, point number 4a A vendor requested to specify laser repetition rate as ≥ 1 KHz	Chapter 4, Page no-32, point number 4a Please read it as ≥ 1 KHz.
9	Chapter 4, Page no-32, point number 4c	Chapter 4, Page no-32, point number 4c



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	A vendor requested to specify minimum sensitivity as 500 amol instead of 250 amol.	This is considered.
10	Chapter 4, Page no-32, point number 5b A vendor requested to mention Mass Resolution: 2,000 instead of 10000	Chapter 4, Page no-32, point number 5b This cannot be considered as per our application. We need high resolution as mentioned.
11	Chapter 4, Page no-32, point number 5c A vendor requested to specify minimum sensitivity: < 5 fmol instead of 250 amol in MS/MS mode.	Chapter 4, Page no-32, point number 5c This is considered
	Chapter 4, Page no-32, point number 5d A vendor asked to specify the MS/MS range: 100-4000 or better.	Chapter 4, Page no-32, point number 5d This is considered.
	Chapter 4, Page no-32, point number 5f A vendor asked to mention the maximum measurable mass in MS/MS: ≥ 12000 Da.	Chapter 4, Page no-32, point number 5f This is considered.
	Chapter 4, Page no-32, point number 5g	Chapter 4, Page no-32, point number 5g



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	A vendor requested to specify the mass accuracy in MS/MS mode as 0.1 Da instead of 0.05 Da	We cannot compromise on the accuracy of m/z signal reproducibility. This is not considered.
	Chapter 4, Page no-33, point numbers 8b&c A vendor asked to clarify the requirement of minimum pixel size and pixel/second for imaging application.	Chapter 4, Page no-33, point numbers 8b&c We need pixel size down to 10 μm and speed up to 50 pixels/second



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Annexure: III

PRE-BID CONFERENCE FOR INSTALLATION AND COMMISSIONING OF MALDI TOF/TOF SYSTEM

COMMERCIAL QUERIES AND CLARIFICATION

TENDER NUMBER - IISERT/PUR/0014/21

DATE: 02/09/2021

Sr. No	Query/Clarification Sought	Clarification / Amendment
	NIL	NIL