



## INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

### CLARIFICATION ON TENDER NUMBER: : IISERT-PUR-0939-23

**ITEM DESCRIPTION- Supply, installation, and Commissioning of Compact Benchtop FT-IR Spectrometer- Qty:02 Nos.**

**REFER OUR TENDER NO: IISERT-PUR-0939-23, DATED:22/05/2024 Supply, installation, and Commissioning of Compact Benchtop FT-IR Spectrometer- Qty:02 Nos.**

Pre-Bid meeting was held on May 27<sup>th</sup>, 2024 at 15:00 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

08.06.2024

Sd/-  
Deputy Registrar (A&P)

**IISER TIRUPATI**  
**PRE-BID CONFERENCE FOR SUPPLY, INSTALLATION AND COMMISSIONING OF COMPACT BENCHTOP FT-IR SPECTROMETER-**  
**Qty: 02 Nos.**

**TECHNICAL QUERIES AND CLARIFICATION**

**TENDER NUMBER - IISERT-PUR-0939-23**

**DATE: 27/05/2024**

<b>Sr. No</b>	<b>Query/Clarification Sought</b>	<b>Clarification / Amendment</b>
1	<b>SPECTRAL RANGE</b> Few vendors asked to clarify the spectral range	Suggested: 350 – 7,800 cm <sup>-1</sup> or better wide with a KBr beamsplitter.
2	<b>SPECTRAL RESOLUTION</b> Few vendors asked to clarify the spectra range	Suggested: ≤2 cm <sup>-1</sup>
3	<b>Interferometer Alignment</b> Few vendors asked to change the interferometer alignment from permanent to 'permanent or dynamic'	Not accepted. The permanently aligned optics provide the highest stability and are insensitive to mirror tilt, mechanical vibrations, and temperature variations. This allows the spectrometer to be relocated without requiring re-alignment. Conversely, dynamic interferometers require continuous alignment.
4	<b>Optics Coating</b> Few vendors asked to amend the optics with Gold/Aluminum/equivalent coated optics.	Not accepted. The gold-coated optics offers maximum light throughput.
5	<b>Wavenumber accuracy and precision</b> A vendor asked to remove it	Not accepted.

6	<p><b>KBr pellet option</b></p> <p>A vendor raised a concern whether or not we need it.</p>	<p>The system must come with the sample in KBr pellet recording option with all necessary holders/accessories/module.</p>
7	<p><b>Others as per the committee evaluation</b></p>	<ol style="list-style-type: none"> <li>1. Bidders should give point by point compliance w.r.t. the tender specifications. Bidders should provide technical literature and brochure of the offered model and mention the same in the compliance table. Bids without technical literature will be summarily rejected.</li> <li>2. Point by point compliance of the bid in a tabular format w.r.t specifications along with reference to the pages in the technical literature submitted by the bidder is to be clearly mentioned and submitted.</li> <li>3. Non-compliance to any of the two points above shall be treated as INCOMPLETE/PARTIAL BID &amp; shall not be considered for further process.</li> <li>4. If technical committee wishes to examine the instrument specification, the vendors may also be called for the demonstration of instrument for the various parameters.</li> <li>5. The bidder must have supplied at least five (5) systems during the last three (3) years to Government Organizations we IISER/CSIRs/IITs in India. and, bidder must enclose order copies and its performance certificates.</li> </ol>

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**PRE-BID CONFERENCE FOR SUPPLY, INSTALLATION AND COMMISSIONING OF COMPACT BENCHTOP FT-IR SPECTROMETER-**  
**Qty: 02 Nos.**

**COMMERCIAL QUERIES AND CLARIFICATION**

**TENDER NUMBER - IISERT-PUR-0939-23**

**DATE: 27/05/2024**

<b>Sr. No</b>	<b>Query/Clarification Sought</b>	<b>Clarification / Amendment</b>
	NIL	NIL