



INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

CLARIFICATION ON TENDER NUMBER – Tender No: : IISERT/PUR/0050/20

ITEM DESCRIPTION- Supply, Installation and Commissioning of Fluorescence Spectrometer

Refer our Tender Nos. IISERT/PUR/0050/20 dated 27/04/2020 for Supply, Installation and Commissioning of Fluorescence Spectrometer

Online (GoogleMeet) Pre-Bid meeting was held on May 05th, 2020 at 11:30 AM and minutes of meeting is as under.

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

05.05.2020

Sd/-
Assistant Registrar (S&P)



IISER TIRUPATI
Pre-bid conference for Supply, Installation and Commissioning of Fluorescence Spectrometer
TECHNICAL QUERIES AND CLARIFICATION

TENDER NUMBER - IISERT/PUR/0050/20

DATE: 05/05/2020

| S.No | Query/Clarification Sought | Clarification / Amendment |
|------|---|--|
| 1. | <u>Light Source:</u> What kind of source for Phosphorescence measurements | -Suitable source to be provided for Phosphorescence measurements conforming to the requirements of fast scan speed and acquisition of phosphorescence lifetime decay profiles |
| 2. | <u>Detection wavelength range:</u> What is the detection range | The detector should be efficient in the 250-850 nm range. |
| 3. | <u>Wavelength Accuracy:</u> Can this be allowed to 1.0 nm | Accepted. The wavelength accuracy should be at least 1.0 nm |
| 4. | <u>RMS:</u> What are the parameters for the quoted value of RMS of 8500:1 | RMS- 8500:1 (wavelength =350 nm, bandwidth = 5 nm, integration/response time = 2 s) |
| 5. | <u>Delayed Fluorescence:</u> What is delayed fluorescence | We do not need the delayed fluorescence modality and the same can be omitted from the technical specifications |
| 6. | <u>Hg Lamp Validation:</u> Does the validation need to be by Hg Lamp | Not necessarily. But the instrument must be calibrated |
| 7. | <u>Software:</u> -What is this Canvas Facility For Documentation & Presentation -Do you need accessories to determine fluorescent object color measurement | - Canvas facility is not required. However, software should be provided to handle data and document results -We do not need accessory for fluorescent object color measurement. We would need software to plot CIE coordinates, CCT, etc for given emission spectra |

| | | |
|----|---|--|
| 8. | <u>Quantum Yield accessory:</u> Is quantum yield accessory/integrating sphere needed for solid sample measurement | No requirement of QY/Integrating sphere accessory. The instrument should provide accessory for measuring PL for solid powder/thin film samples. Note that excitation filters are to be provided (4 in numbers across the collection range to eliminate scattering from powder samples) |
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ANNEXURE -III

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Pre-bid conference for Supply, Installation and Commissioning of Fluorescence Spectrometer
COMMERCIAL QUERIES AND CLARIFICATION

TENDER NUMBER - IISERT/PUR/0050/20

DATE: 05/05/2020

| S.No | Query/Clarification Sought | Clarification / Amendment |
|-------------|-----------------------------------|----------------------------------|
| | Nil | Nil |