



## INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

### CLARIFICATION ON TENDER NUMBER: IISERT/PUR/0925/20

#### ITEM DESCRIPTION- SUPPLY, INSTALLATION AND COMMISSIONING OF MASK-LESS ALIGNER FOR PHOTOLITHOGRAPHY SYSTEM

#### REFER OUR TENDER NO: IISERT/PUR/0925/20 FOR SUPPLY, INSTALLATION AND COMMISSIONING OF MASK-LESS ALIGNER FOR PHOTOLITHOGRAPHY SYSTEM.

Pre-Bid meeting was held on March 25<sup>th</sup>, 2021 at 15:30 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

26.03.2021

Sd/-  
Assistant Registrar (S&P)

**Annexure II**

**IISER TIRUPATI**

**PRE-BID CONFERENCE FOR INSTALLATION AND COMMISSIONING OF MASK-LESS ALIGNER FOR PHOTOLITHOGRAPHY SYSTEM**

**TECHNICAL QUERIES AND CLARIFICATION**

**TENDER NUMBER - IISERT/PUR/0925/20**

**DATE: 25/03/2021**

| Sr. No | Query/Clarification Sought                                   | Clarification / Amendment  |
|--------|--|--|
| 1      | The details of the microscope as part of the system.         | This part about the microscope is removed, as some system does not have them.  |
| 2      | Tolerance and the minimum feature size capable of the system | The minimum feature size is made to 1.5 um or below.   |
| 3      | Regarding the writing speed and resolution.                  | It is clarified that the lowest writing speed 50 X 50 mm with 180 min at 1.5 um resolution.  |
| 4.     | Light source and Wavelength of illumination                  | For durability, we opt LED light source.<br>The main use is with SU8. Therefore, we clarified that the system should come with a wavelength of 385 nm or very close and most suitable for SU8. |

|   |                                   |  |
|---|-----------------------------------|--|
| 5 | New information on software       | Software should be provided to interface the equipment. Also there should be suitable software to design the patterns.                             |
| 6 | Computer details                  | More details are provided about the computer   |
| 7 | Demonstration during installation | A design is given in the specification. It should be demonstrated during installation. The raw materials (SU8 and silicon wafer) will be provided. |

**IISER TIRUPATI**  
**PRE-BID CONFERENCE FOR INSTALLATION AND COMMISSIONING OF MASK-LESS ALIGNER FOR PHOTOLITHOGRAPHY SYSTEM**  
**COMMERCIAL QUERIES AND CLARIFICATION**

**TENDER NUMBER - IISERT/PUR/0925/20**

**DATE: 25/03/2021**

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