



**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/0992/20**

**ITEM DESCRIPTION- SUPPLY, INSTALLATION AND COMMISSIONING OF FE-SEM**

REFER OUR TENDER NO: IISERT/PUR/0992/20 DATED 23-AUGUST -2021 FOR SUPPLY, INSTALLATION AND COMMISSIONING OF FIELD EMISSION SCANNING ELECTRON MICROSCOPE (FE-SEM)

Pre-Bid meeting was held on August 31<sup>st</sup>, 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 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

1.9.2021

Sd/-  
Assistant Registrar (S&P)



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**PRE-BID CONFERENCE FOR INSTALLATION AND COMMISSIONING OF FE-SEM**

**TECHNICAL QUERIES AND CLARIFICATION**

**TENDER NUMBER - IISERT/PUR/0992/20**

**DATE: 31/08/2021**

S.No	Point No	Query/Clarification Sought	Clarification / Amendment
1	2	Resolution: 1nm@1kV In-Lens BSE 0.4nm@30 kV STEM resolution	No change
2	5	Sub 4 nm resolution imaging of dia-, para-, or ferromagnetic samples is possible even at working distances below 2 mm	No change
3	6	Chamber dimensions are as 300 mm or better inner diameter and 130 mm or better height.	Modified to 350 mm or better
4	7	Multi Specimen Sample Holder (Min 9) should be supplied Tilt to be modified from -5 to 70° to -4 to 70° or better	No change. Modified to -4 to 70° or better
5	10	Overview mode for easy sample navigation available at voltage range from 100 V to 30 kV	No change



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6	11	Beam Deceleration & Beam booster are different techniques.	No change
7	13	Accessories	No change
8	16	Image pixel density – 6k x 4k	No change
9	23	EDS system Detector area: 30 mm <sup>2</sup> or better	No Change
10	25	Reinstallation	No change



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**ANNEXURE -III**

**PRE-BID CONFERENCE FOR INSTALLATION AND COMMISSIONING OF FE-SEM**

**COMMERCIAL QUERIES AND CLARIFICATION**

**TENDER NUMBER - IISERT/PUR/0992/20**

**DATE: 31/08/2021**

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