



भारतीय विज्ञान शिक्षा और अनुसंधान संस्थान पुणे
INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH PUNE

निविदा संख्या पर प्रीबिड स्पष्टीकरण- आईआईएसईआर/ पी यू आर/0694/22
PREBID CLARIFICATION ON TENDER NUMBER - IISER/PUR/0694/22

वस्तु विवरण- नियर-फील्ड ऑप्टिकल माइक्रोस्कोपी की खरीद
Item Description- Procurement of Near-Field Optical Microscopy

Refer an open tender published on Institute website www.iiserpune.ac.in and on CPP Portal on **05/01/2023** for procurement of Near-Field Optical Microscopy.

प्री-बिड मीटिंग 17/01/2023 को अपराह्न 3.00 बजे आयोजित की गई और बैठक का कार्यवृत्त निम्नानुसार है:

Pre-Bid meeting was held on **17/01/2023** at **3.00 PM** and minutes of meeting is as under:

प्रारंभ में, समिति ने सभी सदस्यों और संभावित बोलीदाताओं के प्रतिनिधियों का स्वागत किया और सामान्य तौर पर निविदा के दायरे की जानकारी दी और उसके बाद सहायक कुलसचिव (भांडार एवं क्रय) से बोली लगाने वालों को निविदा की मुख्य विशेषताओं के बारे में जानकारी देने का अनुरोध किया।

At the outset, the committee welcomed all the Members and the representative of the Prospective Bidders and briefed in general the scope of the tender and thereafter requested Assistant Registrar (S&P) to brief the bidders on the salient features of the tender.

उपस्थित प्रतिनिधि दिए गए उत्तरों से संतुष्ट थे और यह सूचित किया गया था कि प्रीबिड कॉन्फ्रेंस के दौरान की गई चर्चा के अनुसार दिए-स्पष्टीकरण को / परिवर्धन / गए सुधार IISER पुणे की वेबसाइट पर होस्ट किया जाएगा और सभी संभावित बोलीदाताओं को बोली दस्तावेजों में निर्धारित अनुसार अपनी बोली जमा करने से पहले प्री-बिड सम्मेलन की कार्यवाही का संज्ञान लेना आवश्यक है।

The representatives present were satisfied with the replies given and it was informed that the corrections / additons / clarifications given, as discussed during the Pre-Bid Conference would be hosted on the website of IISER Pune 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.

हमारी आईआईएसईआर वेबसाइट www.iiserpune.ac.in पर जारी नोटिस के अन्य नियम और शर्तें अपरिवर्तित रहेंगी। इस संबंध में और कोई पत्राचार नहीं किया जाएगा।

The other terms & conditions of the notice issued on our IISER website www.iiserpune.ac.in will remain unchanged. No more correspondence in this regard will be entertained.

बैठक अध्यक्ष के धन्यवाद प्रस्ताव के साथ समाप्त हुई।

The meeting ended with vote of thanks to the Chair

17/01/2023

17/01/2023

Sd/-

सहायक कुलसचिव (भांडार एवं क्रय)

Assistant Registrar (S&P)

TECHNICAL QUERIES AND CLARIFICATION

PRE-BID CONFERENCE FOR PROCUREMENT OF NEAR-FIELD OPTICAL MICROSCOPY

S. No	Query/Clarification Sought	Clarification / Amendment
1	<u>Chapter No.4, Page no. 21 Sr. No.1 Query:</u> Optical Near-field mapping capability of nanostructures with AFM topography capable of giving resolution comparable to or better than 1 nm. Should function in reflection and transmission modes. Clarification asked: our question was whether it is AFM resolution or SNOM	Resolution was indeed for AFM topography as mentioned in the specifications section of tender document Tender Specifications Prevails
2	<u>Chapter No.4, Page no. 21 Sr. No.3 Query:</u> Z-scan ≤ 0.3 nm noise-limited z-resolution (RMS) Max range - 2 μm z-range or better clarification asked: we asked 2 micron Z-range is too small, agreed to quote 10 micron scanner"	The maximum range can be more than 2 μm as mentioned in the tender document (Tender document says 2 μm or better)
3	<u>Chapter No.4, Page no. 21 Sr. No.5 Query:</u> Suitable optical microscope to interface with near-field probes clarification asked: we are not providing third party optical microscope instead of this we provide better solution with our own integration of inverted and upright optical microscope for reflection, illumination, collection and transparent	Tender Specifications Prevails
4	<u>Chapter No.4, Page no. 21 Sr. No.7 Query:</u> High quality, polarization compatible tips that can be reproducibly used for scanning the samples (maximum number to be delivered during installation) with clear procedure of maintenance and durability.	1) IISER Pune need at least two tips appropriate for AFM scanning to meet the resolution requirements specified in the tender document.

	Clarification asked: define number of probes and types of probes you need."	2) IISER Pune need Metal coated tapered SM fiber tips for near field scanning compatible with the wavelengths specified in the tender document. If each wavelength requires a separate tip, then two tips for each of the wavelength are needed. The tips should allow for at least 50 nm of near field optical resolution.
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