



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

sit campus: C/o Sree Rama Engineering College Campus, Rami Reddy Nagar, Karakambadi Road,
Mangalam (B.O), Tirupati - 517 507

Website: www.iisertirupati.ac.in

CLARIFICATION ON TENDER NUMBER: IISERT/PUR/0240/21

ITEM DESCRIPTION- SUPPLY, INSTALLATION, AND COMMISSIONING OF CONFOCAL LASER SCANNING MICROSCOPE SYSTEM

REFER OUR TENDER NO: IISERT/PUR/0240/21, DATED:12/02/2022 FOR SUPPLY, INSTALLATION AND COMMISSIONING OF CONFOCAL LASER SCANNING MICROSCOPE SYSTEM.

Pre-Bid meeting was held on Feb 18th, 2022 at 16:30 Via Google Meet, and the minutes of the meeting are 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

28.02.2022

Sd/-
Deputy Registrar (S&P)



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Annexure-II

PRE-BID CONFERENCE FOR SUPPLY, INSTALLATION, AND COMMISSIONING OF CONFOCAL LASER SCANNING MICROSCOPE SYSTEM-IISERT-PUR-0240-21 TECHNICAL QUERIES AND CLARIFICATION

TENDER NUMBER - IISERT/PUR/0240/21

DATE: 18/02/2022

Sr. No	Query/Clarification Sought	Clarification / Amendment
1	<p>Chapter 4, Section II, point number 3</p> <p><u>Request from 1 of the vendors:</u> Modify specification as one single channel high-sensitivity GaAsP detector and two PMT spectral detectors or better, in place of two GaAsP and two PMT detectors.</p>	<p>Chapter 4, Section II, point number 3</p> <p>Partly accept and modify to enable the vendor's participation in the bid.</p> <p>Detection/separation of at least 2 flourophores simultaneously is required. Therefore, the single channel GaAsP and 2 PMT detector configuration is not acceptable. In order to accommodate the vendor's request without affecting our requirement, we make the following amendment.</p> <p>Amended specification reads as: "Scan head should be capable of simultaneous detection and separation of at least 4 fluorophores and should be possible to separate up to 8 fluorophores sequentially. <u>The system should allow detection and separation of at least two colours with high-sensitivity SPECTRAL detector (For example: GaAsP/Hybrid/etc.).</u> It could be either a four channel high-sensitivity SPECTRAL detector (For example: GaAsP/Hybrid/etc.) OR four <u>high-sensitivity</u> spectral detectors (For example: GaAsP/Hybrid/etc.) OR a combination of TWO high-sensitivity detectors SPECTRAL or PRISM (For example: GaAsP/Hybrid/etc.) and TWO standard PMT spectral</p>

		detectors with spectral resolution of 2-3 nm throughout the visible spectrum.”
2	<p>Chapter 4, Section V</p> <p>One vendor sought clarification of the listed points under section V</p> <p>#5) 3D image reconstruction from a Z-stack image series.</p> <p>Please specify if you need to perform XYZt 3D time lapse image rendering ?</p> <p>#8) At least one offline software dongle for cropping 4D images, colocalization, FRET & FRAP computing and standard geometry measurements.</p> <p>Please specify whether you wish to measure the intensity over time and Z stacks?</p> <p>#11) Seamless imaging capability from Macro to Micro with lowest magnification 1X/1.25X/2.5 X Plan Apo objectives in confocal mode.</p> <p>Please specify at what magnification you need to perform Micro imaging/Stitching 40X/60X or 100X or all?</p>	<p>#5) Yes, we need to perform XYZt 3D time lapse image rendering.</p> <p>#8) Yes, we wish to measure the intensity over time and Z stacks.</p> <p>#11) Yes, we need to perform Macro to Micro imaging/Stitching at all magnifications.</p>



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Annexure: III

PRE-BID CONFERENCE FOR SUPPLY, INSTALLATION, AND COMMISSIONING OF CONFOCAL LASER SCANNING MICROSCOPE SYSTEM-IISERT-PUR-0240-21

COMMERCIAL QUERIES AND CLARIFICATION

TENDER NUMBER - IISERT/PUR/0240/21

DATE: 18/02/2022

Sr. No	Query/Clarification Sought	Clarification / Amendment
NIL	NIL	NIL