



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

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

Website: <http://www.iisertirupati.ac.in/>

CLARIFICATION ON TENDER NUMBER: IISERT/PUR/0308/20

ITEM DESCRIPTION- SUPPLY, INSTALLATION AND COMMISSIONING OF INVERTED FLUORESCENT MICROSCOPE.

Refer our Tender No: IISERT/PUR/0308/20 dated 29th-Dec-2020 Supply, Installation and Commissioning of Inverted Fluorescent Microscope

Pre-Bid meeting was held on Jan 06th, 2021 at 16:30 Via Google Meets 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

25/01/2021

Sd/-
Assistant Registrar (S&P)

IISER TIRUPATI

PRE-BID CONFERENCE FOR - SUPPLY, INSTALLATION AND COMMISSIONING OF INVERTED FLUORESCENT MICROSCOPE.

TECHNICAL QUERIES AND CLARIFICATION

TENDER NUMBER - IISERT/PUR/0308/20

DATE: 25/01/2021

Sr.No	Query/Clarification Sought	Clarification / Amendment
1.	General	Motorized Fluorescent inverted microscope capable of Phase, DIC, and also bright-field imaging.
2	Eyepiece, main body	<ul style="list-style-type: none">• Motorized sextuple revolving nosepiece (DIC slider attachable). Upgradable to IR/LED based automatic focused correction for live cell imaging.• Control interface to control motorized units together with all important wires and components to operate.• Motorized light path with C-mount• Binocular observation tube with eyepiece Universal condenser for BF, DIC, Phase Contrast
3	Z-focusing	Fully motorized built-in z-focus drive.
4	Stage	<ul style="list-style-type: none">• Non-motorized X-Y stage (microscope must be upgradable to motorized stage at a later stage)• Micro tilter holder• 35 mm dish holder Glass plate holder
5	Objectives	<ul style="list-style-type: none">• Plan Achromat, 4X (WD 10) & 20 XC (WD 2) for BF/PH• Plan Apo 60 oil /1.4 NA, W.D 0.13mm or better and DIC Non-Fluorescence Oil should be provided.
6	Objective nosepiece	Minimum 6 positions

7	Illumination	<ul style="list-style-type: none"> Mercury (120/130 Watt) or similar intensity LED lamp is acceptable for fluorescence. Halogen / LED for transmitted. Motorized fluorescent attachment
8	Power	220-240 V, 50-60 Hz.
9	Fluorescence	Fluorescence-enabled system with filters to image DAPI, GFP, YFP and RFP. The four channels may be visualized independently in the same sample so appropriate bandpass filters for the above should be quoted.
10	Camera	High-resolution CCD /CMOS monochrome Cooled camera with 15 Megapixel Camera or better Pixel Size 4.5 μ m x 4.5 μ m or better. Imaging with acquisition speed of minimum 30 frames/sec or higher. Suitable C mount adapter
11	Software	All motorized functions of microscope, shutters, scanning stage, image analysis features. Capability of the software to perform multichannel fluorescence, z-stack, time lapse, Z-stack-time lapse.
12	Computer	A suitable desktop computer with 24 inch monitor must be supplied for installing the software and imaging. <ul style="list-style-type: none"> minimum 16 GB ram, i5 or equivalent processor or better USB 3, fire wire A/B, RS 232 interfaces 1TB HDD Professional Windows operating system
13	Items that may be quoted optional.	<ul style="list-style-type: none"> Plan Apo 100X oil/1.4 NA, WD 0.13, DIC or better. Motorized X-Y stage

IISER TIRUPATI

PRE-BID CONFERENCE FOR - SUPPLY, INSTALLATION AND COMMISSIONING OF INVERTED FLUORESCENT MICROSCOPE.
COMMERCIAL QUERIES AND CLARIFICATION

TENDER NUMBER - IISERT/PUR/0308/20

DATE: 25/01/2021

Sr.No	Query/Clarification Sought	Clarification / Amendment
01	Bid Submission Close Date:27/01/2021 15:30 Hrs. Opening of Technical Bids:28/01/2021 15:30 Hrs	Bid Submission Close Date:11/02/2021 15:30 Hrs Opening of Technical Bids:12/02/2021 15:30 Hrs
02	Page No:20 Point No 16.3 IISER, TIRUPATI reserves the right to cancel the order in case the delay is more than 0 weeks . Penalties, if any, will be deducted from the Security Deposit	Page No:20 Point No 16.3 IISER, TIRUPATI reserves the right to cancel the order in case the delay is more than 10 weeks . Penalties, if any, will be deducted from the Security Deposit