



# भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

**INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI**

(An Autonomous Institute of National Importance under Ministry of Education, Govt. of India)  
C/o. Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,  
Mangalam P.O., Tirupati – 517 507, Andhra Pradesh.

## **CLARIFICATION ON TENDER NUMBER: IISERT-PUR-0478-22**

### **ITEM DESCRIPTION- SUPPLY, INSTALLATION, AND COMMISSIONING OF MOTORIZED FLUORESCENT INVERTED MICROSCOPE**

REFER OUR TENDER NO: **IISERT-PUR-0478-22** DATED 11-05-2023 FOR SUPPLY, INSTALLATION, AND COMMISSIONING OF MOTORIZED FLUORESCENT INVERTED MICROSCOPE

Pre-Bid meeting was held on 19-05-2023 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 and briefed in general the scope of the Project and thereafter requested Deputy Registrar (A&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

**06-06-2023**

**Sd/-  
Deputy Registrar (A&P)**



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## PRE-BID CONFERENCE SUPPLY, INSTALLATION, AND COMMISSIONING OF MOTORIZED FLUORESCENT INVERTED MICROSCOPE

### TECHNICAL QUERIES AND CLARIFICATION

TENDER NUMBER - IISERT-PUR-0478-22

DATE: 19/05/2023

Sr. No	Query/Clarification Sought	Clarification / Amendment
1	<ul style="list-style-type: none"><li>Motorized sextuple revolving nosepiece (DIC slider attachable). Upgradable to IR/LED based automatic focused correction.</li><li>Control interface to control motorized units together with all important wires and components to operate.</li><li>Motorized light path with 3 ports or more and C-mount.</li><li>Binocular observation tube with eyepiece.</li><li>Universal condenser for BF, DIC, Phase Contrast.</li></ul>	<ul style="list-style-type: none"><li>Motorized sextuple revolving nosepiece (DIC slider attachable). Upgradable to IR/LED based automatic focused correction.</li><li>Control interface to control motorized units together with all important wires and components to operate.</li><li>Motorized light path with 3 ports or more and C-mount. Left Side Port 100%, Right Side Port 100%, Eyepiece 100% Plus simultaneous of Eyepiece 20% or 50% and Left Side Port 80% or 50%.</li><li>Binocular observation tube with eyepiece.</li><li>Universal condenser for BF, DIC, Phase Contrast.</li></ul>
2	High-resolution CCD /CMOS monochrome Cooled camera. Imaging with acquisition speed of minimum 30 frames/sec or higher. Suitable C mount adapter. 15 megapixel or more Quantum efficiency more than 75% Sensor size: diagonal 17 mm or more. Pixel size 3.4 um bigger	High-resolution CCD /CMOS monochrome Cooled camera. Imaging with acquisition speed of minimum 30 frames/sec or higher. Suitable C mount adapter. 10 megapixel or more Quantum efficiency more than 75% Sensor size: diagonal 17 mm or more. Pixel size 3.4 um bigger



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3	<p>A suitable desktop computer with 34-inch monitor must be supplied for installing the software and imaging.</p> <ul style="list-style-type: none"><li>• minimum 16 GB ram,</li><li>• i5 or equivalent processor or better</li><li>• USB 3, fire wire A/B, RS 232 interfaces</li><li>• 1TB HDD</li><li>• Professional Windows operating system</li></ul>	<p>A suitable desktop computer with 30-inch monitor must be supplied for installing the software and imaging.</p> <ul style="list-style-type: none"><li>• minimum 16 GB ram,</li><li>• i5 or equivalent processor or better</li><li>• USB 3, fire wire A/B, RS 232 interfaces</li><li>• 1TB HDD</li><li>• Professional Windows operating system</li></ul>
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### COMMERCIAL QUERIES AND CLARIFICATION

TENDER NUMBER - IISERT-PUR-0478-22

DATE: 19/05/2023

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