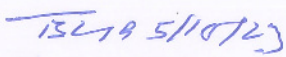




DR. BHUBANESWAR BOROORAH CANCER INSTITUTE
A GRANT-IN-AID INSTITUTE OF DEPARTMENT OF ANATOMIC ENERGY, GOVT. OF INDIA
AND A UNIT OF TATA MEMORIAL CENTRE (MUMBAI)
GOPINATH NAGAR, GUWAHATI- 781016
ASSAM, INDIA

Subject: Corrigendum against Research Microscope.
 GeM Bid No: GEM/2023/B/3962193, dtd. 16.09.2023

Sl. No. for Tender	Technical Specifications of tender	Amendment Requested	Revised Technical Specifications
A	Trinocular Fully Ergonomic Microscope for pathological research applications for long periods of work in Bright Field, for simultaneous viewing of the magnified region and documentation along with Scientific Digital Colour Camera preferable 8.0 Mpixel or better and imaging software systems Consisting of :	Trinocular Fully Ergonomic Microscope for pathological research applications for long periods of work in Bright Field, for simultaneous viewing of the magnified region and documentation along with Scientific Digital Colour Camera preferable 20 Mpixel and imaging software systems.	No change
2	Should have High Luminosity and High Colour Rendering of minimum LED 10W-TL illuminator, Lifetime of minimum 60,000 hours and optional with halogen reflector lamp 12 V 30 W or better. Both Illumination facilities should be available in the stand for use simultaneously needed	Olympus has luminosity and high colour rendering of true Kohler LED (Life: 60000 hrs)	Should have High Luminosity and High Colour Rendering of minimum LED 10W-TL illuminator, Lifetime of minimum 60,000 hours, and should have halogen filter.
3	ECO mode for energy saving while microscope is not in use and light manager to adjust the light intensity of all objective positions easily to eliminate individual adjustment of each objective for reproducible results and to provide uniform brightness at all magnifications, eliminating manual lamp intensity adjustments when changing objectives.	Eco mode should be optional for LED models. Optional Light intensity manager. LED based system is by default ECO friendly with longer life time and less heat. Dedicated ECO mode was required for old halogen based system.	Point 3 is Omitted.
4	Snap Image button on microscope stand free to operate with left hand or right hand, position next to focus knob for easy documentation for camera also for video recording.	Brand specific. Image can easily be captured or video can be recorded by a click in the mouse / Keyboard. Snap image button on microscope basically restricts user to use the particular camera separately in another microscope later if require.	Snap Image button on microscope stand free to operate with left hand or right hand, position next to focus knob for easy documentation for camera also for video recording. Or ergonomically placed remote button for taking snaps (image).
6	Koehler illumination technique		
a	Reversed Quintuple revolving encoded objective nosepiece encoded for 5 objectives	Reversed sextuple/septuple revolving objective nosepiece encoded for 6 to 7 objectives.	No Change
8	Trinocular Observation Tube 30 degree preferably with 50: 50 beam splitting for observation & for easy Documentation	Trinocular/Binocular Observation Tube 30 degree preferably with 50: 50 beam splitting for observation & for easy Documentation	Trinocular/Binocular Observation Tube 30 degree preferably with 50: 50 beam splitting for observation & for easy Documentation
10	The microscope should be offered with high contrast Plan-Achromatic Objectives with infinity colour corrected optics. he magnification / numerical aperture of the objectives should be: 5x/0.12; 10x/0.25, 40x/0.65, & 100x/1.25 Oil.	The microscope should be offered with high contrast Plan-Achromatic Objectives with infinity colour corrected optics/ harmonic corrected optics the magnification/ numerical aperture of the objectives should be: 5x/0.12; 10x/0.25, 40x/0.65, & 100x/1.25 Oil.	The microscope should be offered with high contrast Plan-Achromatic Objectives. The magnification/ numerical aperture of the objectives should be: 2x/0.12; 10x/0.25, 40x/0.65, & 100x/1.25 Oil.
B	Scope of Supply:		
1	Minimum 8 Megapixels, Number of pixels: 3840 (H) x 2160 (V).	Minimum 10 Megapixel or higher.	No changes
2	Ultra HD (4K), Pixel size : 1.85 µm x 1.85 µm ,	Ultra HD (4K), Pixel size : 1.55 µm x 1.55 µm or better.	Ultra HD (4K), Pixel size : 1.55 µm x 1.55 µm or better.
3	Sensor size : 7.1 mm x 4.0 mm, equivalent to 1/2.1" (8.1 mm diagonal)	Sensor size : 7.1 mm x 4.0 mm, equivalent to 1/2.3" or bigger (7.8 mm diagonal)	Sensor size : 7.1 mm x 4.0 mm, equivalent to 1/2.1" (8.1 mm diagonal) or better.
4	Spectral range: 400 nm – 700 nm,	Spectral range: 400 nm – 650 nm	No change
10	Wi-Fi adapter or, PC connection, Ethernet (RJ45) for LAN connection	Wi-Fi adapter & PC connection, Ethernet (RJ45) for LAN connection.	Wi-Fi adapter & PC connection, Ethernet (RJ45) for LAN connection.


तपन भट्टाचार्य / Mr. Tapan Bhattacharya
 मुख्य प्रशासनिक अधिकारी / Chief Administrative Officer
 डॉ. भुवनेश्वर बरोरा कैंसर संस्थान / Dr. B. Borooah Cancer Institute
 टाटा स्मार्ट केंद्र / Tata Memorial Centre
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Chief Administrative Officer
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