TENDER DOCUMENT
(Tender Notice No. BCRMMRC/2023 Dated: 30.03.2023)

FOR

Different types of Microscopes

OF

DR. B. C. ROY MULTI-SPECIALITY MEDICAL RESEARCH CENTRE (BCRMMRC)
IIT Kharagpur

INDIAN INSTITUTE OF TECHNOLOGY Kharagpur
Kharagpur - 721302
WEST BENGAL
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NOTICE INVITING TENDER

Indian Institute of Technology Kharagpur, an Institute of Eminence, invites sealed bids from OEMs or their authorized vendors, having registered office in India who fulfil the criteria mentioned in the tender document and have adequate credential, for the Microscopes of different labs of BCRMMRC, IIT Kharagpur.

Interested OEMs/Vendors may submit their sealed bids under Two-Bid system as per Technical Specifications given at Annexure I and General Terms & Conditions and other formats given at Annexure II to XIII. Two covers (Technical Bid and Price Bid) are to be sealed in two separate envelopes and placed in one large Cover super scribed with tender reference number (Tender No. BCRMMRC/2023 Date: 30.03.2023) and submit to "Chairman, Purchase Committee, Office of BCRMMRC, Indian Institute of Technology, Kharagpur, P.O. Kharagpur Technology, PIN- 721302 on or before 24/04/2023 at 3.00 PM. Technical Bids submitted within stipulated date and time will be opened on 24/04/2023 at 4.00 PM.

The technical bids will be evaluated first and price bids will be opened in respect of those OEMs/Vendors, who are found technically qualified after evaluation of Technical bids. Date for opening price bids will be intimated through e-mail or website, only to the technically qualified bidders.

Kindly refer to the Institute website www.iitkgp.ac.in (link: Tenders) for complete tender details. The same is also available in the CPP Portal (https://epublish/app). If there is any corrigendum/addendum, it shall only be published on Institute Website.

Signature of the Chairman
Purchase Committee
Office of BCRMMRC
IIT Kharagpur-721302

To

1. Institute Website
2. CPP Portal
3. Department Notice Board
### TIME EVENTS OF VARIOUS TENDER RELATED ACTIVITIES

<table>
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<tr>
<th>Tender No. &amp; Date</th>
<th>BCRM MRC/2023 &amp; 30.03.2023</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brief Description of Tender</td>
<td>Different Types of Microscopes</td>
</tr>
<tr>
<td>Estimated Cost</td>
<td>Rs. 1.60 crore only</td>
</tr>
<tr>
<td>Tender fee (Non refundable)</td>
<td>NIL</td>
</tr>
<tr>
<td>EMD Amount (Refundable)</td>
<td>Rs. 3,20,000.00 only</td>
</tr>
<tr>
<td>Pre-bid Meeting</td>
<td>Date: 06th April, 2023 at 3:30 PM at Dean’s Council Room of BCRM MRC, Life Science Building, IIT Kharagpur</td>
</tr>
<tr>
<td>Last date &amp; time for submission of sealed Tenders/Quotations</td>
<td>24th April, 2023 at 03.00 PM</td>
</tr>
<tr>
<td>Pre-qualification &amp; Technical Bid opening date &amp; time</td>
<td>24th April, 2023 at 4.00 PM</td>
</tr>
<tr>
<td>Two Bid System</td>
<td>Two bids - (i) Technical and (ii) Price bid, and (iii) Demand Draft of EMD in three separate sealed Envelopes be placed &amp; sealed in one large Envelope</td>
</tr>
<tr>
<td>Bid validity</td>
<td>180 days from the date of opening the Price Bid</td>
</tr>
<tr>
<td>Submission of bids (by speed post) (Addressed to)</td>
<td>Chairman Purchase Committee Office of BCRM MRC, IIT Kharagpur, Kharagpur-721302, West Bengal</td>
</tr>
<tr>
<td>Bid opening place</td>
<td>Dean’s Council Room of BCRM MRC, Life Science Building, IIT Kharagpur, Kharagpur-721302, West Bengal</td>
</tr>
<tr>
<td>Any clarification</td>
<td>Telephone No: 03222-85912 E Mail ID : <a href="mailto:office@bcrmrc.iitkgp.ac.in">office@bcrmrc.iitkgp.ac.in</a></td>
</tr>
</tbody>
</table>

**Note:**

1. If the day falls on any **Holiday**, the date of any of the events mentioned above shall be on the next working day.
2. It is the responsibility of the bidder to ensure that their bids whether sent by post or by courier or dropped by person should reach within the stipulated date & time.
3. The quotation received after the last date and prescribed time would summarily be rejected. Quotations having incomplete information are also liable to be rejected.
4. The Director, IIT Kharagpur reserves the right to reject any or all the quotations in full or part without assigning any reason thereof and without giving any compensation. The decision of the Director in this regard shall be final and binding to all.
5. The **addendum/corrigendum** if any shall only be published on Institute's website.
# Annexure-I

## Details of Requirements and Technical Specifications of Microscopes

<table>
<thead>
<tr>
<th>Specifications Required for LED Binocular Microscope---130 Nos.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CONFORMITY / TYPE / EYEPIECE - OBJECTIVE DETAILS:</strong></td>
</tr>
<tr>
<td>Microscope Type: Transmission mode research binocular non-hinged type with built-in light, <em>built-in pointer</em>, and light intensity regulator.</td>
</tr>
<tr>
<td>Eyepiece Type: wide-field focusable / Compensating.</td>
</tr>
<tr>
<td>Binocular Eye Pieces Confirming to the requirements of IS: 8275/1976 (latest): YES.</td>
</tr>
<tr>
<td>Eye Piece with magnification: Set of Two for Binocular 10x with rubber eye guard, antifungal coating, with focus operator FOV: 20mm or better.</td>
</tr>
<tr>
<td>Nosepiece - 4 position, manual revolving.</td>
</tr>
<tr>
<td>Objective Type: plan Achromatic / Semi-plan Achromatic.</td>
</tr>
<tr>
<td>Objective Magnification: 4x, 10x, 40x, 100x with infinity corrected plan / Semi-plan achromatic.</td>
</tr>
<tr>
<td>Type of lamp for Illumination: LED.</td>
</tr>
</tbody>
</table>

**TECHNICAL:**

1. One-piece die casted aluminum mold design, white textured antifungal paint.
2. Infinity Optical system, 160mm tube length.
3. High-intensity pre-centered 3-watt or better LED, variable light intensity control with on/off switch. Easy LED change. LED technology provides cool white even illumination, energy-efficient light for at least ≥50,000 hours.
4. 30°-60° inclined binocular viewing head, high transmission prism (antifungal coated) 360° rotatable & secured, ±5 diopters adjustment on both tubes. Inter-pupillary distance (I.P.D) ranges from 50-75mm.
5. High eye point WF 10 x 18mm (paired), high eye point, Widefield type antifungal and High transmission F.O.V. 18mm or better.
6. High-resolution semi-plan DIN size objectives fitted with multilayer-coated lenses. DIN standard AV 4X (0.10 N.A), AV 10X (0.25 N.A.), AV 40X (0.65 N.A.), and AV 100X oil immersion (1.25 N.A.) spring loaded and silicon sealed, and all are para focal precentered and color-coded.
7. Quadruple objective turret is ball-bearing mounted for smooth, precise positioning of objectives, smooth forward turn, parfocal & para center, and internal click stops with multiple bearings.
8. Co-axial coarse with fine focusing, a ball drive system for smooth operation, multiple gears driven on roller guides. Coarse/Fine focusing range 24mm. The fine focusing knob is graduated in 2μm scale increments. Torque control (tension adjustment) & safety auto focus stop on course movement allows the user to lock & set the upper limit of the stage to prevent the glass specimen slide from crashing into the objective lens.
9. Precise ball bearing type, stage traverse range 78mm (X) and 54mm (Y), vernier reading 0.1mm. Low-positioned co-axial knobs, soft feel, and fluid movement.
10. Precision Abbe condenser N.A.1.25. Build into the stage plate; provide extra bright collimated & even illumination at all magnifications. High contrast is achieved by a built-in circular precision iris diaphragm that is accurately centered. Vertical adjustment of condenser 18mm, adjustable by rack and pinion movement by a left-hand placed knob.
11. Plug in external SMPS power supply input 220-240Vac, 50/60Hz, output: 5Vdc 500mA. Plugs into DC socked felted into the microscope rear main frame. With on/off switch.
12. Dust cover, Allen Key, AC-DC (5V), 500 ma. Adapter: 1 No.
13. 3.7V 1000mAH Li-ion battery backup for 3 hours for led illumination at full capacity and battery backup at 10 hours for led illumination at 35% capacity.

**GENERIC:**

- Plano Concave mirror attachment: YES
- Stage: RECTANGULAR, Manual
- Size of Stage: plate size 200mm x 160mm, X/Y travel range - 78 x 54 mm
- Coarse and Fine Movement of stage: YES
- Co-axial focusing: YES
- Micrometer Arrangement: YES

**WARRANTY:** At least 5 years comprehensive warranty must be provided with continued software upgradation. All essential and recommended spares should be informed and should be quoted. Parts should be available for next 5 years.
### DETAILS OF REQUIREMENTS AND TECHNICAL SPECIFICATIONS OF MICROSCOPES

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<tr>
<th><strong>SPECIFICATIONS REQUIRED FOR INVERTED FLUORESCENCE TRINOCULAR MICROSCOPE—02 Nos.</strong></th>
</tr>
</thead>
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<tr>
<td><strong>1 Microscope frame:</strong></td>
</tr>
<tr>
<td>• Inverted microscope with transmitted light LED illumination for brightfield, phase contrast, fluorescence (Blue/Green Excitation &amp; Ultraviolet Excitation), Differential Interference Contrast (DIC), and upgradable to dark field option for Bio-Medical Applications.</td>
</tr>
<tr>
<td>• Should have an integrated compensation mechanism to eliminate any focus drift during long-term observation to ensure a consistently sharp image.</td>
</tr>
<tr>
<td>• Microscope should have an Infinity-corrected optics design with anti-fungus-treated optics.</td>
</tr>
<tr>
<td><strong>2 Light source:</strong></td>
</tr>
<tr>
<td>• Transmitted Köhler Illuminator LED (3W or better, with variable light intensity control having ON/OFF switch) with a service life of a minimum of 50,000 hours or better, constant color temp., Auto-off function.</td>
</tr>
<tr>
<td>• Fluorescence Illuminator (100 W Mercury Lamp Light Guide Illumination)</td>
</tr>
<tr>
<td><strong>3 Condenser:</strong> Universal turret condenser (6-8 positions) with a free working distance of 40 mm and NA of 0.4 or higher suitable for Brightfield, Phase Contrast, Darkfield, Polarization, and Integrated Modulation Contrast.</td>
</tr>
<tr>
<td><strong>4 Objectives:</strong> High-performance long working distance Apochromatic Objectives suitable for Bright field, Phase Contrast, DIC, Hoffman contrast &amp; fluorescence Observation on all objectives: 4.0x/0.07, 10x/0.25, 40x/0.8, 100x/1.25 (oil immersion).</td>
</tr>
<tr>
<td><strong>5 Focus drive:</strong> Coarse and fine focus drive of 30 mm or more. Coarse revolution 2 mm and fine revolution 0.002 mm or better</td>
</tr>
<tr>
<td><strong>6 Nosepiece:</strong> Sextuple (6 positions) revolving coded (readable from PC) nosepiece suitable for all the techniques. Objective-specific individual slots for inserting Nomarski DIC prisms.</td>
</tr>
<tr>
<td><strong>7 Eyepiece:</strong> Anti-fungal pair of 10x eyepieces with 22 mm or better field of view and dioptre adjustment for both eyes. Interpupillary Distance: 50-75mm</td>
</tr>
<tr>
<td><strong>8 Stage:</strong> Precision ball bearing type rectangular shape mechanical XY Stage with specimen holders for multi-well plates / Petri dishes / Slides, covering maximum travel range. Stage size 200mm x 160mm; traverse range 78mm (X) and 54mm (Y), vernier reading 0.1 mm. Low-positioned co-axial knobs, soft feel, and fluid movement.</td>
</tr>
<tr>
<td><strong>9 Observation tube:</strong> Wide-field Trinocular tube with 50:50 &amp; 45° viewing angle for acquiring max signals</td>
</tr>
<tr>
<td><strong>10 Fluorescence:</strong> Illumination Facility to attach four or more Fluorescence light sources for UV, Blue, Green, Yellow, and, Red excitation. The fluorescence with a minimum 4000 Hrs Lifetime, and the unit should be controlled by the same imaging software and accompany a control panel for changing the wavelength and controlling intensity.</td>
</tr>
<tr>
<td><strong>11 Fluorescence Filters:</strong> For UV excitation, excitation filter: 340-380 nm; dichromatic mirror: 400 nm, suppression filter: 425 nm; For blue excitation, excitation filter: 450-490 nm; dichromatic mirror: 510 nm; suppression filter: 515 nm; For green excitation, excitation filter: 515-560 nm; dichromatic mirror: 580 nm; suppression filter: 590 nm. For red excitation, excitation filter: 590-650 nm; dichromatic mirror: 660 nm; suppression filter: 650 nm</td>
</tr>
<tr>
<td><strong>12 Camera:</strong> Dedicated digital Scientific grade camera capable of taking high-resolution images, 10 Megapixels or above, High-grade CMOS sensor</td>
</tr>
<tr>
<td>• Pixel Size 3.45 μm x 3.45 μm or more</td>
</tr>
<tr>
<td>• Sensor Size 8.5 mm x 7.1 mm; image diagonal 11.1 mm, equivalent to 2/3” sensor Format or more</td>
</tr>
<tr>
<td>• Active cooling delta 20°C for reduced noise levels</td>
</tr>
<tr>
<td>• Live Image 12 frames/s @ 2,464 x 2,056 pixels or more</td>
</tr>
<tr>
<td>• Quantum efficiency of 60% or better 3/6</td>
</tr>
<tr>
<td>• High dynamic range &gt;58dB / 800:1</td>
</tr>
<tr>
<td>• Spectral range – 400-720 nm</td>
</tr>
<tr>
<td>• Recommended 0.63x0.7x C-mount adapter</td>
</tr>
<tr>
<td>• Digitization 16 Bit / Pixel or better</td>
</tr>
<tr>
<td>• Interfaces USB 3.0 SuperSpeed (5 Gbit / s)</td>
</tr>
<tr>
<td>• Supported Operating systems Win10/Win 11</td>
</tr>
<tr>
<td>• RGB Bayer color filter mask</td>
</tr>
<tr>
<td>• The Quoted Camera should be suitable to capture Bright Field, Phase Contrast, Dark Field &amp; sensitive Fluorescence Imaging</td>
</tr>
</tbody>
</table>
### Software
Perpetual licensed imaging software with measurement and image overlay with the following essential features:
- Live imaging
- Annotation, Micron bar (point-to-point measurement)
- Video capturing
- Image editing
- Fluorescence Channel Merging
- z-stacking of images
- Time-Lapse Imaging
- Multi-Channel Image Merging, Vector Layer
- Multi-Dimensional File Format
- Document groups for side-by-side image comparison
- Slice view for orthogonal plane viewing of 3D or time-lapse data sets
- Voxel viewer for isosurface and volumetric rendering of 3D and 4D data sets
- Automated panoramic imaging (auto MIA, requires motorized stage)
- High dynamic range imaging (HDR)
- Object measurements and classification

### Data Processing Unit
Branded PC with 11th /12th generation i5/i7 processor, minimum 16 GB RAM, NVIDIA graphics card with 2 GB DDR5 RAM, 1 TB SATA HDD/SSD, Original Windows 11 OS, USB 3.0, Wi-Fi enabled, DVD RW, at least 36” monitor or more, keyboard and optical mouse

### UPS
UPS for computer and microscope with at least 4-hour backup Input voltage for UPS is 220V, 50 Hz.

### Warranty
At least 5 years comprehensive warranty must be provided with continued software upgradation. All essential and recommended spares should be informed and should be quoted. Parts should be available for next 5 years.

### Miscellaneous:
- The microscope should be provided with a digital 65” HD LED projection panel.
- Dust cover, all wires, cords, connectors, and standard accessories needed for the proper functioning of the microscope
- Microscope Camera & Software -Should Be from the Same Manufacturer for Best Compatibility & Upgradability
- Technical features for the product quoted should be exclusively supported by an authentic company catalog that can be verified from the official website. The bids not supported with an authentic/original catalog will not be considered.

### Optional Items:
- Eye piece 20X pair
- Deep UV fluorescent filter – 220-260 nm
- Camera with 36 fps and spectral range 320-720 nm
- Macro imaging: suitable for large specimen size 30mm length

### Non-technical conditions:
- Supplier must confirm that they have installed at least 20 systems in India.
- Any additional advanced features of the equipment and accessories can be quoted with full details and specifications as optional.
- Detailed information about infrastructure requirements
- Installation and training onsite for 2 users
- All essential & recommended spares should be informed and should be quoted. Parts should be available for next 5 years
- Necessary pre-installation advice including power requirements should be enclosed along with the offer.
- Preferable Principal company Service facility in India.
- OEM/Vendor shall support the shifting of the equipment and reinstallation of it.
- Valid European CE/FDA and ISO certifications of the quoted model should be submitted.
DETAILS OF REQUIREMENTS AND TECHNICAL SPECIFICATIONS OF MICROSCOPES

<table>
<thead>
<tr>
<th>SPECIFICATIONS REQUIRED FOR TRINOCULAR DIGITAL MICROSCOPE----04 Nos.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CONFORMITY / TYPE / EYEPIECE - OBJECTIVE DETAILS:</strong></td>
</tr>
<tr>
<td><strong>Microscope Type:</strong> Research Trinocular - Non-Hinged type - with built-in light and with light intensity regulator</td>
</tr>
<tr>
<td>Conformity to Indian Standard Research: IS:5204 latest</td>
</tr>
<tr>
<td>Eyepiece Type: Compensating</td>
</tr>
<tr>
<td>Binocular Eyepieces conforming to the requirements of IS: 8275/1976 (latest): Yes</td>
</tr>
<tr>
<td>Eye Piece with magnification: Set of two for wide binocular field 10x (paired); FOV 20mm or better</td>
</tr>
<tr>
<td>Objective Type: plan Apochromatic/ Apochromatic</td>
</tr>
<tr>
<td>Objective Magnification: Infinity corrected, 4.0x/0.07, 10x/0.25, 40x/0.8, 100x/1.25 (oil immersion).</td>
</tr>
<tr>
<td>Focusing: Coaxial Coarse &amp; Fine Focusing knobs, Travel Range: 26mm, Scale:2 micron</td>
</tr>
<tr>
<td><strong>Type of lamp for Illumination:</strong> 3W or better LED cold light source with adjustable brightness for operating ≥50,000 hours</td>
</tr>
<tr>
<td><strong>Head:</strong> Siedentop observation head inclined at 30° Degree rotatable at 360 Degree</td>
</tr>
<tr>
<td>Condenser: Abbe condenser with free working distance of 40mm and N.A. 1.25 with iris diaphragm to capture Bright Fields, Phase Contrast, Dark Field &amp; sensitive Fluorescence image.</td>
</tr>
<tr>
<td>High-intensity pre-centered 3-watt or better LED, variable light intensity control with on/off switch. Easy LED change. LED technology provides cool white even illumination, energy-efficient light for at least ≥50,000 hours.</td>
</tr>
<tr>
<td>30°-60° inclined binocular viewing head, high transmission prism (antifungal coated) 360° rotatable &amp; secured, ±2 diopters adjustment on both tubes. Inter-pupillary distance (I.P.D) ranges from 50-75mm</td>
</tr>
<tr>
<td>High eye point WF 10 x 20mm (paired), high eye point, Widefield type antifungal and High transmission F.O.V. 20mm, Interpupillary Distance: 50-75mm</td>
</tr>
<tr>
<td>High-resolution semi-plan Din size objectives fitted with multilayer-coated lenses. DIN standard AV 4X (0.10 N.A.), AV 10X (0.25 N.A.), AV 40X (0.65 N.A.), and AV 100X oil immersion (1.25 N.A.) spring loaded and silicon sealed, and all are para focal precentered and color-coded.</td>
</tr>
<tr>
<td>Quadruple objective turret is ball-bearing mounted for smooth, precise positioning of objectives, smooth forward turn, parfocal &amp; para center, and internal click stops with multiple bearings.</td>
</tr>
<tr>
<td>Co-axial coarse with fine focusing, a ball drive system for smooth operation, multiple gears driven on roller guides. Coarse/Fine focusing range 24mm. The fine focusing knob is graduated in 2µm scale increments. Torque control (tension adjustment) &amp; safety auto focus stop on course movement allows the user to lock &amp; set the upper limit of the stage to prevent the glass specimen slide from crashing into the objective lens.</td>
</tr>
<tr>
<td>Precise ball bearing type Single layer rectangular mechanical Stage, area 125x145 mm, movement range 76x60mm or more with Vernier 0.1mm, double slide holder Low-positioned co-axial knobs, soft feel, and fluid movement.</td>
</tr>
<tr>
<td>Precision Abbe condenser N.A.1.25. Build into the stage plate; provide extra bright collimated &amp; even illumination at all magnifications. High contrast is achieved by a built-in circular precision iris diaphragm that is accurately centered. Vertical adjustment of condenser 22mm, adjustable by rack and pinion movement by a left-hand placed knob.</td>
</tr>
<tr>
<td>Plug in external SMPS power supply input 220-240Vac, 50/60Hz, output: 5Vdc 500mA. Plugs into DC socket felted into the microscope rear main frame. With on/off switch.</td>
</tr>
<tr>
<td>Dust cover, Allen Key</td>
</tr>
<tr>
<td>Co-axial focusing: Yes</td>
</tr>
<tr>
<td>Micrometer Arrangement: Yes</td>
</tr>
<tr>
<td><strong>ADDITIONAL FEATURES:</strong></td>
</tr>
<tr>
<td>· Integrated HD camera/software (option) provides seamless image/video capture and annotation capabilities.</td>
</tr>
<tr>
<td>· Long working distance for easy sample manipulation.</td>
</tr>
<tr>
<td>· Flexible stand options, ideal for industrial and life science applications.</td>
</tr>
<tr>
<td>· Iris control within the zoom unit for greater control over the depth of field and contrast.</td>
</tr>
<tr>
<td>· 360-degree rotating viewer</td>
</tr>
<tr>
<td>· It should also provide an option to connect it to a large monitor using an HDMI connection.</td>
</tr>
</tbody>
</table>
**Camera:** Dedicated digital Scientific grade camera capable of taking high-resolution images, 10 Megapixels or above, High-grade CMOS sensor

- Pixel Size 3.45 μm x 3.45 μm or more
- Sensor Size 8.5 mm x 7.1 mm; image diagonal 11.1 mm, equivalent to 2/3” sensor Format or more
- Active cooling delta 20°C for reduced noise levels
- Live Image 12 frames/s @ 2,464 x 2,056 pixels or more
- Quantum efficiency of 60% or better
- High dynamic range >58dB / 800:1
- Spectral range – 400-720 nm
- Recommended 0.63x 0.7x C-mount adapter
- Digitization 16 Bit / Pixel or better
- Interfaces USB 3.0 SuperSpeed (5 Gbit / s)
- Supported Operating systems Win 11
- RGB Bayer color filter mask
- The Quoted Camera should be suitable to capture Bright Field, Phase Contrast, Dark Field & sensitive Fluorescence Imaging

**Software:** Perpetual licensed imaging software with measurement and image overlay with the following essential features: - Live imaging - Annotation, Micron bar (point-to-point measurement) - Video capturing - Image editing - Fluorescence Channel Merging - z-stacking of images - Time-Lapse Imaging - Multi-Channel Image Merging, Vector Layer - Multi-Dimensional File Format - Document groups for side-by-side image comparison - Slice view for orthogonal plane viewing of 3D or time-lapse data sets - Voxel viewer for isosurface and volumetric rendering of 3D and 4D data sets - Automated panoramic imaging (auto MIA, requires motorized stage) - High dynamic range imaging (HDRI): Object measurements and classification

**Data Processing Unit:** Branded PC with 11th /12th generation i5/i7 processor, minimum 16 GB RAM, NVIDIA graphics card with 2 GB DDR5 RAM, 1 TB SATA HDD/SSD, Original Windows 11 OS, USB 3.0, Wi-Fi enabled, DVD RW, at least 36” monitor or more, keyboard and optical mouse

The microscopes should have separate digital 50” - 65” HD LED projection panel with movable fixtures.

**UPS:** UPS for computer and microscope with at least 4-hour backup Input voltage for UPS is 220V, 50 Hz.

**ACCESSORIES:**
Carrying case (inclusive in the scope of supply): Yes

**WARRANTY:**
Warranty: At least 5 years’ comprehensive warranty must be provided with continued software upgradation. All essential and recommended spares should be informed and should be quoted. Parts should be available for next 5 years after the completion of the warranty period
**DETAILS OF REQUIREMENTS AND TECHNICAL SPECIFICATIONS OF MICROSCOPE**

<table>
<thead>
<tr>
<th>SPECIFICATIONS REQUIRED FOR PENTAHED MICROSCOPE – 1 unit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CONFORMITY / TYPE / EYEPIECE - OBJECTIVE DETAILS:</strong></td>
</tr>
<tr>
<td>Microscope Type: Transmission mode research binocular microscope with built-in light, <em>built-in pointer</em>, and light intensity regulator</td>
</tr>
<tr>
<td>Conformity to Indian Standard - Pathological IS:4381 latest / Research IS:5204 latest</td>
</tr>
<tr>
<td>Eyepiece Type: wide-field focusable / Compensating</td>
</tr>
<tr>
<td>Binocular Eye Pieces Confirming to the requirements of IS: 8275/1976 (latest): YES</td>
</tr>
<tr>
<td>Objective Type: plan Achromatic/Semi-plan Achromatic with anti-fungal coating</td>
</tr>
<tr>
<td>Objective Magnification: Plan synchronized light-enabled objectives of 4x/5x NA.0.12, 10x NA. 0.25, 20x NA 0.4, 40X NA. 0.65 and 100x oil NA. 1.25</td>
</tr>
<tr>
<td>Type of lamp for Illumination: Integrated LED light source. 20 bulbs of the same should be provided as spare</td>
</tr>
</tbody>
</table>

**TECHNICAL:**
1. Binocular compound (five-headed) research microscope for bright field, dark field and phase contrast. Upgradable to deca-head microscope
2. Aluminum Die-cast body with critical movement based on ball bearing & wire guide, thereby ensuring smooth & precise movement
3. Viewing Head for Main Observer: Siedentopf design Trinocular Head Inclined at 30 degrees, Interpupillary Distance 48-75mm with Diopter Setting – 1 No
4. Viewing Head for Co-observers: Siedentopf design binocular Head Inclined at 30 degrees, Interpupillary Distance 48-75mm with Diopter setting – 4 Nos. The co observers gets the same orientation of the image as that of main observation
5. Observation Tube: Trinocular with three-way distribution Light Path selection having minimum 22mm field of view including eyepiece
6. Connecting Bridge: Telescopic Bridge with Pillar mounting post (2 in no.)
7. Quintuple five-hole nosepiece perfectly centered & smooth movement ball bearing. Knurling on metal rim for grip
8. High-intensity pre-centered 10-watt or better LED, variable light intensity control with on/off switch. Easy LED change. LED technology provides cool white even illumination, energy-efficient light for at least ≥50,000 hours.
9. Should have multi-head viewing attachment with the possibility for 5-person viewing (1 main observer + 4 Side observers). All viewing heads need to be with min. 22mm FOV.
10. All Eyepieces 10X, FOV 22 mm or better with anti-fungal coating, with interpupillary Distance: 48-75mm
11. Coaxial Coarse and Fine focusing knobs on both sides. : 3-step Focus function drive coarse, medium, and fine focusing, focus torque adjustment, and adjustable focus stop, with focus knobs Coarse revolution 2 mm and fine revolution 0.002 mm or better
12. Condenser: 0.90/1.25 oil color-coded condenser for rapid adaptation of the aperture to the objective, suitable for Bright field, Dark Field and Phase Contrast with free working distance of 40 mm or higher.
13. Green LED Arrow Pointer for ease of demonstration
14. Ultra-hard coated ceramic rectangular stage with double slide holder and option for both right-hand and left-hand operation. Size of Mechanical Stage: Single layer mechanical Stage, area 125x145 mm, movement range 76x50mm or more with Vernier 0.1 mm, double slide holder
15. Monitor: 24” TFT / LED monitor with HDMI input for live image display. There should be a facility of simultaneous viewing of microscopy and image projected in the monitor (BINO FUNCTION)
17. Should be US FDA/ European CE certified

**GENERIC:**
- Plano Concave mirror attachment: YES
- Stage: RECTANGULAR, Manual
- Coarse and Fine Movement of stage: YES
- Co-axial focusing: YES
- Micrometer Arrangement: YES
**WARRANTY:** At least 5 years comprehensive warranty must be provided with continued software upgradation. All essential and recommended spares should be informed and should be quoted. Parts should be available for next 5 years after completion of warranty period.

**Camera:** Dedicated digital Scientific grade camera capable of taking high-resolution images, 10 Megapixels or above, High-grade CMOS sensor

- Pixel Size 3.45 μm x 3.45 μm or more
- Sensor Size 8.5 mm x 7.1 mm; image diagonal 11.1 mm, equivalent to 2/3” sensor Format or more
- Active cooling delta 20°C for reduced noise levels
- Live Image 12 frames/s @ 2,464 x 2,056 pixels or more
- Quantum efficiency of 60% or better 3/6
- High dynamic range >58dB / 800:1
- Spectral range – 400-720 nm
- Recommended 0.63x 0.7x C-mount adapter
- Digitization 16 Bit / Pixel or better
- Interfaces USB 3.0 SuperSpeed (5 Gbit / s)
- Supported Operating systems Win 11
- RGB Bayer color filter mask

- The Quoted Camera should be suitable to capture Bright Field, Phase Contrast, Dark Field & sensitive Fluorescence Imaging

**Software:** Perpetual licensed imaging software with measurement and image overlay with the following essential features: - Live imaging - Annotation, Micron bar (point-to-point measurement) - Video capturing - Image editing - Fluorescence Channel Merging - z-stacking of images - Time-Lapse Imaging - Multi-Channel Image Merging, Vector Layer - Multi-Dimensional File Format - Document groups for side-by-side image comparison - Slice view for orthogonal plane viewing of 3D or time-lapse data sets - Voxel viewer for isosurface and volumetric rendering of 3D and 4D data sets - Automated panoramic imaging (auto MIA, requires motorized stage) - High dynamic range imaging (HDR)- Object measurements and classification

**Data Processing Unit:** Branded PC with 11th /12th generation i5/i7 processor, minimum 16 GB RAM, NVIDIA graphics card with 2 GB DDR5 RAM, 1 TB SATA HDD/SSD, Original Windows 11 OS, USB 3.0, Wi-Fi enabled, DVD RW, at least 36” monitor or more, keyboard and optical mouse

The microscopes should have separate digital 55” or higher HD LED projection panel with movable fixtures.

**UPS:** UPS for computer and microscope with at least 4-hour backup Input voltage for UPS is 220V, 50 Hz.
GENERAL TERMS AND CONDITIONS (GTC)

1. Eligibility Criteria

1A. TECHNICAL BID:

Copies of documents to be submitted online against the instant tender on or before Closing date of Bid Submission. In absence of any document, the bid may be rejected.

(1) Copies of the Undertakings (A & B below) should be submitted online-

A. Signed copy of Undertaking for acceptance of all Terms & Conditions mentioned in this Tender as per Annexure-V.

B. EMD/Bid Security by way of Demand Draft of the amount as stipulated in the tender to be drawn in favour of “Indian Institute of Technology Kharagpur”, payable at Kharagpur from any Nationalized/Commercial Bank (in separate cover placed with Technical Bid Cover) in originals to be sent to the address mentioned below.

(2) Following Documents Duly Signed are also to be compulsorily uploaded/submitted by the participating Bidder:

I. Signed and scanned valid copy of Firm/Company Registration/Incorporation Certificate.

II. Signed and scanned copies of GST Registration.

III. Signed and scanned copy of PAN Card in the name of firm/company.

IV. Signed and scanned copy of Income Tax return of the firm/company for the last three financial years (i.e. for Assessment Financial Year-2019-20, 2020-21 and 2021-22).

V. Signed and scanned copy of Audited Annual Accounts statements for last three years (i.e. for Financial Year-2019-20, 2020-21 and 2021-22).

VI. Original copies of Technical Literature/Catalogues for the items as asked for in the tender, duly put code number (if any) of item(s). Non submission of the same for any item may lead to non-consideration of the bid for that item.

VII. Signed copies of Performance Certificates regarding their Supply, their Equipment. Items’ Performance, which they have been supplied to various reputed Government Hospitals/Medical College Institutions/PSU’s/Other reputed Hospitals/Medical College/Institutions in India in last Three Financial Years, alongwith the relevant prescribed format.

VIII. Authorization Letter in the name of Authorized Person allowed by Proprietor / Owner to sign the documents in case the owner/proprietor is not signing the tender document, in the prescribed format.

IX. Signed copy of the Technical bid, Technical bid check list & Technical Compliance sheet in the prescribed formats.
X. Signed copy of List of the items with its make and model without indicating prices in Technical bid by interested Bidder for Technical Evaluation purpose on those items he wants to participate against in this Tender.

XI. Manufacturer (OEM) Certificate or Declaration/Authorization Form (in the prescribed format) in case of current contract/Authorization – between manufacturer and distributor/bidder as the case may be in the prescribed format. Declaration/authorization from the manufacturer should be submitted for every quoted item. However, if the bidder is quoting more than one Equipment etc of the same make, single authorization mentioning the name of items/ Equipment etc. from the manufacturer is sufficient.

XII. The bidder must have a GST Registered address and service centre in the State of West Bengal.

XIII. The bidder must submit a sample of The concerned quoted item as mentioned in tender specification within 5 days of intimation, if the Technical Committee so desire. In that case, only after successful validation of the sample the bidder will be eligible for qualification in technical evaluation stage.

Note: Pre-qualification bid with absence of any document will invite rejection of bid and no further communication in any form shall be entertained i.e. above documents are mandatory for qualification to next stage of the bid.

Important Note: Only those bidders who qualify the Technical Stage after evaluation of above said documents uploaded/submitted shall be considered for Commercial/Price Evaluation and shall intimated separately.

1B. FINANCIAL BID:

(1) Rates for the main Equipment quoted in the given format is required to be supplied by the Tenderer against each item of the Equipment etc. for make it operational at the Client site on free of cost basis (if such consumable essentially required for the functioning of supplied Equipment etc.).

(2) All quoted rates should be inclusive of everything viz. Freight Charges, Packing Charges, Forwarding & Insurance Charges, Transportation & Octroi up to FOR, 5 Years Onsite Warranty inclusive of all Spares & Labour, GST etc. and is required to be supplied by the Tenderer with Equipment etc. for make it operational at the Client site including all required accessories and in-situ works (like civil, plumbing & mechanical works etc.) in case of Equipment etc. supply which needs consumables/such kind of in-situ works for their day to day smooth functioning at respective location in the user department at Client site. Quoted Price means that all such expenses have been taken in account by the Bidder and are inclusive in the Quoted Offered Price.

(3) The supply of Equipment etc./ Stores/Articles will be brand new and supply should be made in good conditions to the respective stores by the bidder at their own cost up to F.O.R. to IIT Kharagpur.

(4) The L-1 for each of requested item given in the Schedule of Requirement will be determined on the Unit Cost of Equipment etc. with 5 Years free of cost onsite warranty inclusive of all Taxes & Expenditure up to F.O.R.

(5) The rates should be quoted in Indian Rupees in figure as well as in words only.
(6) The price should be quoted "FOR IIT Kharagpur" basis. The price should be all inclusive.

(7) The unit prices should be for the same unit as indicated in the Schedule to tender enquiry and not for any other unit.

(8) Discount, if any, should be indicated separately/prominently.

(9) Offers should normally be on fixed and firm price basis. Any clause making price variation will not be acceptable.

(10) The bidders shall submit their quote as per the format provided in Commercial Proposal. Financial offer means final grand total amount of the offer. In cases of discrepancy between the prices quoted in words and in figures, higher of the two shall be considered. For any other calculation/ summation error etc. the bid may be rejected.

2. Evaluation of Bids:
Details of evaluation of Technical and Financial Bids is mentioned at ANNEXURE-II A.

3. Liquidated Damages: In the event of failure to deliver the stores beyond the specified date, liquidated damages @ 1% per month or part thereof in respect of the value of stores will be deducted, subject to a maximum of 5%; alternately the order will be cancelled and the undelivered stores purchased from elsewhere at the risk and expense of the vendor.

4. Bid Security/EMD: The prescribed amount towards EMD / Bid Security by way of Demand Draft from any Nationalized/Commercial Bank to be drawn in favour of "Indian Institute of Technology Kharagpur", payable at Kharagpur.

5. Relaxation under MSME Clause: The Bidder must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD.

6. If a successful bidder fails to act on the offer made by the Institute and/or the bidder withdraws/amends his bids after opening of the tender, the bidder shall be suspended from being eligible for bidding in any contract with SPMIMSRF, IIT Kharagpur for a period equal to the duration of the contract for tender related to 'Services' and/or 01 to 02 Years in case of 'Procurement of Goods' from the date of notification of the Tender document.

7. Tenders should be quoted only by the actual manufacturer or their authorized distributors or selling agent of a particular firm. It should submit a current authority letter in support of the same from the actual manufacturer concerned in the prescribed format. The bidder is responsible for the supply of stores. If the Principal Manufacturer withdraws rights of distribution from the bidder during validity period of the contract, Director, IIT Kharagpur has right to cancel the eligibility of the bidder and take appropriate action in this regard.

8. Warranty of 5 (five) years (Onsite Warranty including Spare Parts & Labour etc.):
   I. Tenderer should submit a written guarantee/warranty from the manufacturers starting that the Equipment IIT Kharagpur being offered is the latest model as per the specifications and the spares for the Equipment will be available for a period of at least 5 Years after the guarantee/warranty period.
II. The manufacturer should also give warranty/guarantee that will keep the Institute informed of any up-date of the Equipment over a period of next 5 Years and undertake to provide the same at no extra cost. Guarantee/warranty that they will supply regularly any items of spare parts requisitioned by the purchaser for satisfactory operation of the Equipment till the life span, to be decided mutually, if and when required on agreed basis for an agreed price. The agreed basis could be an agreed discount on the published catalogue price or an agreed percentage of profit on the landed cost.

III. Guarantee/warranty to the effect that before going out of production of spares parts, the manufacturers and/or tenderers will give adequate advance notice to the purchaser of the Equipment so that the later may undertake to procure the balance of the life time requirements of spare parts.

IV. The Guarantee/warranty to the effect that the manufacturer will make available to the Institute, the blue-prints and drawing of the spare parts if and when required in connection with the Equipment.

V. The supplier should warrant comprehensively for five years Onsite Warranty including Spare Parts & Labour etc. of the Equipment/Quoted item/Stores and also supplied items under the contract is new, unused and incorporate all recent improvements in design and materials unless prescribed otherwise by the purchaser in the contract. The supplier will further warrant that the Equipment/Quoted item/Stores supplied under the contract shall have no defect arising from design, materials (except when the design adopted and/or the material used are as per the Purchaser’s/Consignee’s specifications) or workmanship or from any act or omission of the supplier that may develop under normal use of the supplied Equipment under the conditions prevailing in India.

VI. No conditional warranty like mishandling, manufacturing defects etc. will be acceptable.

VII. Comprehensive Warranty should be inclusive of all accessories and Turnkey work.

VIII. Replacement and repair will be undertaken for the defective Equipment etc./Stores.

IX. Proper marking has to be made for all spares for identification like printing of installation and repair dates.

X. The firm will be required to warranty/guarantee that during the warranty period as well as during the service contract period, the Equipment etc. including the accessories will be maintained in good working condition for a period of 347 days out of a period of 365 days (i.e. 95% uptime).

XI. In case of any claim arising out of this warranty, the Purchaser shall promptly notify the same in writing to the supplier. Upon receipt of such notice, the supplier shall, within 8 hours on a 24(hrs) X 7 (days) X 365 (days) basis respond to take action to repair or replace the defective goods or parts thereof, free of cost, at the ultimate destination. The supplier shall take over the replaced parts/goods after providing their replacements and no claim, whatsoever shall lie on the purchaser for such
replaced parts/goods thereafter. The penalty clause for non-rectification will be applicable as per tender conditions.

If the supplier, having been notified, fails to respond to take action to replace the defect(s) within 48 hours on a 24 X 7 X 365 basis, the purchaser may proceed to take such remedial action(s) as deemed fit by the purchaser, at the risk and expense of the supplier and without prejudice to other contractual rights and remedies, which the purchaser may have against the supplier.

XII. If the machine is out of order for more than 8 hours during any day, it shall be considered as one day down time. The essential period to shut down the installation entirely or partially should also be included in the down time if it exceeds 2 days while calculating the 95% guaranteed uptime.

XIII. The firm will be required to pay a penalty of Rs. 1000/- (Rupees one thousand) per day for per unit in case the number of days of down time in each period of 365 days is more than the downtime permissible which is to be calculated as defined above and the delay for not bringing the Equipment etc. in functioning order in any way directly, even partially, attributable to the Supplier.

XIV. The tenderer hereby declares that the goods/Equipment etc./stores/ articles supplied to the buyer under this contract shall be of the best quality and workmanship and shall be strictly in accordance with the specifications and the particulars contained/mentioned in the clauses here of and the tenderer hereby guarantee/warranty that the said goods/Equipment etc./ stores/articles conform to the description and quality aforesaid. The purchaser will be entitled to reject the said goods/Equipment etc./stores/articles or such portion thereof as may be discovered not to conform to the said description and quality as follows:-

a. Tenderer should state categorically whether they have fully trained technical staff for installation/commissioning of the Equipment and efficient after sales services.

b. It is specifically required that the tenderer will supply all the operating and service manuals along with blue-prints and drawings including circuit diagram of the Equipment etc. supplied as well as its components.

XV. The Supplier along with its Agent and shall ensure continued supply of the spare parts for the machines and Equipment etc. supplied by them to the purchaser for 10 years from the date of installation and handing over.

XVI. The Supplier along with its Indian Agent shall always accord most favoured client status to the Purchaser vis-à-vis its other Clients/Purchasers of its equipment /machines/goods etc. and shall always give the most competitive price for its machines/equipment supplied to the Purchaser.

9. Bidders are required to quote strictly as per specification of the Equipment etc. Deviation to specification, if any must be brought out clearly giving deviation statement in the prescribed format.

10. Additional features (in case of Equipment etc.), if any, should be listed separately in the offer.

11. The bidder should submit an undertaking for acceptance of Terms & Conditions as per prescribed format to the effect that they have necessary infrastructure for maintenance of the Equipment and will provide accessories/spares as and when required by the indenter for 05 Years after expiry of the Warranty period.
12. The firms should confirm that the Equipment etc. is brand new, is of latest technology and have facility for up gradation, if necessary.

13. Points needed to be kept in mind by Tenderer while preparing Bid and Quoting prices in this Tender:-

   I. No increase in quoted price and change in quality of product will be allowed during the validity of the contract.

   II. Bidder will quote firm rates inclusive of all Taxes & expenditure up to F.O.R. to IIT Kharagpur basis. Rates should be according to a unit e.g. cost per Equipment and not in any other form. Quoting of rates in variation to the prescribed unit will authorize the Competent Authority to cancel the quotation without any information to the bidder.

   III. No item should be quoted with price more than the M.R.P. The prices should be quoted strictly in accordance with unit/quantity mentioned in the Financial Bid format.

14. Only “Class-I local suppliers” and “Class-II local suppliers” are eligible to participate in this bid as per latest revision of “Public Procurement (Preference to Make in India), 2017” order. A certification from the bidder in the prescribed format by mentioning their category and complying the same as per latest “Public Procurement (Preference to Make in India), 2017” order must be submitted. In this context kindly refer to GoI Order No. P-45021/2/2017-PP (BE-II) dated 04.06.2020.

15. Acceptance of Tender: The Authority of IIT Kharagpur does not bind itself to accept the lowest priced bid and reserves the right to reject any or the entire tender bids received without assigning any reason thereof.

16. Extra Features: If the bidder provides any other extra features on the Hardware or Software which are not mentioned in the tender product specifications, then that shall be highlighted in clear terms, with documentary evidence/literature.

17. Compliance List: The proposal should be properly indexed and a compliance list against the technical specifications should be provided.

18. Service: Response to ensure quality of services, the deputed Engineer from the OEM/Vendor shall have a minimum of 3 years of experience in the relevant field and must be in the payroll of the OEM/Vendor. The bidder must have a GST Registered address and service centre in the State of West Bengal.

19. Installation and Commissioning: Free of cost at BCRMRC, IIT Kharagpur. The supplier must ensure timely installation of equipment with necessary support to the indenters, as per details and lists to be made available by the Stores Section or the indenting Departments/Centres/Schools.

20. The benefit of any downward price revision (revision on account of budget/financial policy, tax revision, EPZ etc.) is to be given to IIT Kharagpur by the selected OEM/vendor.

21. Past Performance of the Vendors will be judged at the time of Technical Evaluation.

22. The Institute does not bind itself to offer any explanation to those bidders whose technical bids have not been found acceptable by the Technical Evaluation Committee of the Institute.

23. Bidders should enclose the following documents:

   a. Purchase order to be placed on: Should be mentioned in the quotation with full address, email address, phone number.
b. Proforma Price Bid (without mentioning the price rate) may be attached with technical bids.

c. Copy of mandatory test reports, national testing/reliability and endurance test reports etc., certified or conducted at the manufacturing site, granted by the bureaus/quality control departments/national testing laboratories (if applicable).

24. Late Tender: There is NO PROVISION of entertaining late tender beyond stipulated date & time.

25. Alteration and Withdrawal of Tender: The tenderer is permitted to change, edit or withdraw its bid on or before the last date & time of submission of tender.

26. Opening of Price Bids: The Price Bid(s) of only those vendor(s) who are found technically qualified will be opened.

27. Pre-despatch inspection:

   (a) In case the contract stipulates pre-despatch inspection of the ordered goods at supplier’s premises, the supplier shall put up the goods for such inspection to the purchaser’s inspector well ahead of the contractual delivery period, so that the purchaser’s inspector is able to complete the inspection within the contractual delivery period.

   (b) If the supplier tenders the goods to the purchaser’s inspector for inspection at the last moment without providing reasonable time to the inspector for completing the inspection within the contractual delivery period, the inspector may carry out the inspection and complete the formality beyond the contractual delivery period at the risk and expense of the supplier. The fact that the goods have been inspected after the contractual delivery period will not have the effect of keeping the contract alive and this will be without any prejudice to the legal rights and remedies available to the purchaser under the terms & conditions of the tender/contract.

   (c) The purchaser's contractual right to inspect, test and, if necessary, reject the goods after the goods' arrival at the final destination shall have no bearing of the fact that the goods have previously been inspected and cleared by purchaser’s inspector during pre-despatch inspection mentioned above. On rejection, the supplier shall remove such stores within 14 days of the date of intimation of such rejection from the consignee's premises. If such goods are not removed by the supplier within the period mentioned above, the purchaser may remove the rejected stores and either return the same to the supplier at his risk and cost by such mode of transport as purchaser may decide or dispose of such goods at the supplier's risk to recover any expense incurred in connection with such disposals and also the cost of the rejected stores if already paid for.

   (d) Goods accepted by the purchaser or its inspector at initial inspection and in final inspection in terms of the contract shall in no way dilute purchaser's right to reject the same later, if found deficient in terms of the warranty clause of the contract.

28. Delivery of the Supplies/Stores & Penalty/LD on Delay Supply:

   (i) The Supplier is liable for supply, installation, testing and commissioning the ordered Equipment upto F.O.R. at IIT Kharagpur within stipulated given period mentioned on Purchase/Supply Order issued by IIT Kharagpur. The IIT Kharagpur is not liable for payments on account of Freight/Taxes/Expenditures, which are to be paid inclusively by the suppliers.
(ii) The firm will be bound to supply the items within 6 weeks (i.e. 42 Days). Thereafter suitable action as deemed fit, will be initiated. The IIT Kharagpur will recover the general damages or extra expenditure incurred in the risk purchase at the risk and cost of Supplier and amount paid in excess shall be deducted from their pending bills. The above shall be in addition to forfeiture of Bid Security and black listing of the firm depending upon the circumstances of the default/merit of the case.

(iii) Part supplies will preferably not accepted/allowed at IIT Kharagpur. However, if the vendors supply Items on urgent basis on part supply basis for meeting urgent nature requirement immediately in the interest of IIT Kharagpur or due to the shortage of any of ordered items in market/due to any other production issue at Manufacturing Unit, which affects the suppliers and on account of the same the supplier Agency will not be able to supply the whole ordered items on the Stipulated supply period, the LD on applicable rates will be imposed on the only remaining balance part of supplies (LD applicable only on Items total Order Value part, not on the Tax part) and will be deducted from the Supplier Agency Payment Claim against the supply in lieu of delayed supply beyond the stipulated supply period as mentioned on the PO issued by the IIT Kharagpur as per the LD Rates mentioned above in the Clause 3 above and shall be deducted from the Pending Bills /Performance Security Deposit of the Agency by IIT Kharagpur.

(iv) Installation and commissioning shall be done within 7 days of receipt of the stores/ goods at site or 7 days of handing over the site for installation, whichever is later.

(v) Insurance (local transportation and storage) would be extended and borne by the Supplier from ware house to the consignee site for a period including 3 months beyond date of delivery.

29. PACKING & MARKING OF SUPPLIES:

The firm shall supply the stores with proper packing and marking for transit so as to be received at destination free from any loss or damage.

30. Others:

(a) Technical Evaluation Committee/Procurement Committee and other committees as constituted by the Director will decide regarding approval of Items, Rates and Quantities required to be procured (i.e. increase/decrease in either side as indicated in Annexure-I) for different categories of Equipment as per requirement of IIT Kharagpur basis. Decision of the Director will be final and binding to all parties.

(b) Any Tenderer shall not be allowed to transfer, assign, pledge or sub-contract its rights and liabilities under this contract to any other agency/ies without prior written consent of the Director, IIT Kharagpur. If it is found that the firm has given sub-contract to another Agency, the contract shall stand cancelled & the performance security deposit of such Tenderer shall be forfeited by IIT Kharagpur.

(c) The IIT Kharagpur shall not be responsible for any financial loss or other damaged or injury to any item or person deployed/supplied by the Supplier Agency in the course of their performing the duties to this office in connection with purchase order/supply order for supplying/installation/commissioning of ordered Equipment at IIT Kharagpur.
31. **Training:** On Site training to Doctors/ Technicians/ staff is to be provided by Principal/Agents (if they have the requisite know-how) for operation and maintenance of the equipment to the satisfaction of the consignee. The same will be in line with the training modalities as specified in general technical specification.

32. **Payment Terms & Performance Bank Guarantee (PBG):**

Final Payments to the Supplier will be made only after the completion of the project/supplies/installation, testing & commissioning of Equipment as per terms and conditions and specification against the respective Tender/Supply Order at the designated place of **IIT Kharagpur** duly approved on satisfactory inspection, acceptance & demonstration in case of Equipment in the concerned user department in good condition against the pre-receipted bills in triplicate along with delivery challans. The GST and any other Taxes of Statutory bodies should be included in the Payment Claim Bill of Supplier Agency and the Agency solely will liable for necessary Tax Deposition to the concerned Statutory Tax Department as per applicable rules and **IIT Kharagpur** will release Claim Payment after due deduction of applicable TDS on prevailing Tax rules and LD (if any) to Supplier Agency after satisfactory acceptance of supplied Goods in considerable time preferably through NEFT/RTGS in his Bank Account. The Public Finance Management System (PFMS) implemented at this Institute. Each of successful supplier Agency is needed to be submit the PFMS required details with requested supportive Documents duly singed and attested copies in the Required format.

Payment shall be made in Indian Rupees as specified in the Contract in the following manner:

**a) On Receipt of Delivery at Consignee Site:**

70% (Seventy Percentage) payment of the Ordered Equipment Value (Without Tax part) shall be paid preferably **within one month period** on receipt of Ordered Equipment as per BoQ at **IIT Kharagpur** (i.e. Consignee) in Good condition, after successfully acceptance of Supplies/Equipment Installation in concerned user Department and upon the submission of the following documents:-

(i) Tripsicate duly singed and stamped Original copies of supplier's invoice showing TIN No. of the Firm, PO Number of **IIT Kharagpur**, Ordered Equipment description, Quantity Supplied, Approved Unit price, Tax and Total claimed Amount.

(ii) Copy of Delivery Challan of supplied Items,

(iii) Two copies of packing list identifying contents of each package supplied by the Supplier Agency.

(iv) Final Acceptance Certificate in original issued by the authorized Inspection and Final Acceptance Committee of **IIT Kharagpur** to the Supplier Agency after successful Acceptance of Supply.

(v) Manufacturers/Supplier’s Warranty certificate/Test Certificate as per PO/Tender Terms.

(vi) Consignee Receipt Certificate (CRC) issued by the respective Store Department after Preliminary Inspection of Supplied Items.

**b) On submission of PBG:**

30% (Thirty Percentage) payment of the Ordered Equipment Value (With Tax part, which will be preferably deposited to the concerned Statutory body by **IIT, Kharagpur** as per then prevailing rules) shall be paid in considerable time upon the submission of the Performance Bank Guarantee of 3% (Three percentage) of order value from any scheduled Nationalized/Commercial bank valid upto 62 months (i.e. after completion of 5 Years warranty period + 2 months) in favour of “Indian Institute of Technology Kharagpur”, payable at Kharagpur.
33. Termination of Contract

a. **Termination for Convenience by IIT Kharagpur**: Notwithstanding anything contained herein to the contrary, IIT Kharagpur shall have the right to terminate the Contract at any time, even though Vendor/Supplier has not defaulted hereunder and, in such an event, IIT Kharagpur shall be under no obligation of any nature, except as provided hereunder, and Vendor/Supplier shall not be entitled to any other compensation of any nature, except for the Services rendered/Supplies made till such time the Contract is terminated.

b. **Termination due to default by Contractor**: IIT Kharagpur shall have the right to terminate this Contract with immediate effect and forfeit the Performance Security Deposit submitted by the Vendor/Supplier upon default of Vendor/Supplier. Default shall be deemed to have occurred upon the occurrence of any of the following events:

6.2.i: If IIT Kharagpur is dissatisfied with Vendor's/Supplier's conduct of Work hereunder, including, without limitation; slow progress, negligence, inordinate delay in supply without information in writing, substandard quality of supply and poor workmanship to such effect Vendor/Supplier shall remedy and cure the fault within 7 (Seven) Days after receipt of written notice thereof by IIT Kharagpur.

6.2.ii: If Vendor/Supplier commits a breach or default in any of its covenants or obligations under this Contract and fails to cure and remedy the breach or default within 7 (Seven) Days after receipt of written notice thereof by IIT Kharagpur unless another time interval is provided herein for the same.

6.2.iii: Any immoral act from the vendor/supplier to influence the transparency and fairness of the contract during the execution phase/timelines that violates the integrity pact as per applicable governing laws in practice in India shall reinstate termination, debarment and legal proceedings.

Termination for any of the aforesaid reasons shall be effective immediately from the date of default by Vendor/Supplier and its Security Deposit shall be forfeited. Termination under this clause shall be without prejudice to any claim, which IIT Kharagpur may have against Vendor/Supplier or Supplier/Vendor may have against IIT Kharagpur as a result of Work performed/supplies made hereunder prior to such termination.

6.3 **Termination due to Force Majeure situation**: Either Party shall have the right to terminate the Contract on account of Force Majeure.

6.4 **Termination on expiry of Contract**: This Contract shall automatically terminate on the expiry of ‘Duration of Contract’ on successful completion of Work and discharge of its contractual obligations by Vendor/Supplier in accordance with the ‘Scope of Work’.

34. **Force Majeure**: In event of any unforeseen event directly interfering with the supply of stores arising during the currency of the contract, such as insurrection, restraint imposed by the Govt., act of legislative or other authority; war, hostilities, acts of the public enemy, civil commotion. sabotage, fires, floods, explosions, epidemics, quarantine restrictions, strikes, lockouts or acts of God the contractor shall within two weeks from the commencement thereof, notify the same in writing to the purchaser with reasonable evidence thereof. If the force majeure condition (s) mentioned above will be in force for a period of 180 days or more at any times the purchaser shall have the option to terminate the contract on expiry of 90 days of commencement of such force majeure by giving 14 days’ notice to the contractor in writing. In case of such termination no damages shall be claimed by either party against the other save and except those which had occurred under any other clause of this contract prior to such termination.
IMPORTANT

I. It shall be understood that every endeavour has been made to avoid errors which can materially affect the basis of the tender and the successful vendor/supplier shall take upon himself and provide for risk of any error which may subsequently be discovered and shall make no subsequent claim on account thereof.

II. Director may accept or reject any or all the bids in part or in full without assigning any reason and does not bind himself to accept the lowest bid. The Institute at its discretion may change the quantity/upgrade the criteria/drop any item or part thereof at any time before placing the Purchase Order.

III. A bid submitted with false information will not only be rejected but also the OEM/vendor will be debarred from participation in future tendering process.

IV. In case of any dispute, the decision of the Director of this Institute shall be final and binding on the bidders.

V. The technical bids will be evaluated first and price bids will be opened in respect of those OEMs/Vendors, who are found technically qualified after evaluation of Technical bids. Price bid shall have to be submitted as per the appropriate form provided as per line Items.

VI. Wherever, it is mentioned in the Tender Document that Vendor/Supplier shall perform certain work or provide certain services / facilities, it is understood that the Vendor/Supplier shall do so at its own cost and the value of Contract shall be deemed to have included the cost of such performance and provisions so mentioned.

VII. The quantities mentioned in tender document/price bid form are indicative only. Owner reserves rights to execute in part or full or excess or not to execute based on the actual requirements. Payments shall be made on the actual executed quantities.

VIII. Variation in Taxes/Duties/Levies: Any increase/decrease in statutory levies viz. GST, from the due date for opening of techno-commercial bids to the end of Contract Duration, if any, will be to IIT Kharagpur account (If the work/supplies is performed within the timelines). Any upward variation in statutory levies after ‘Duration of Contract’ shall be to Contractor’s account.

IX. Variation in Taxes/Duties/Levies: Any increase/decrease in statutory levies viz. GST, from the due date for opening of techno-commercial bids to the end of Contract Duration, if any, will be to IIT Kharagpur’s account (If the work is performed/supplies made within the timelines). Any upward variation in statutory levies after ‘Duration of Contract’ shall be to Vendor’s/Supplier’s account.

X. For any query pertaining to this bid document, correspondence is to be addressed to -

Deputy Registrar, BCRMMRC
Room No.004, Ground Floor, Life Science Building
Indian Institute of Technology Kharagpur,
IIT Kharagpur-721302, West Bengal (State)
Ph:+91-03222-215912
Email: sumit@adm.iitkgp.ac.in/office@bcrmrc.iitkgp.ac.in.

XI. In case the due date for opening tender happens to be a holiday, the same will be opened on the next working day. The timings will however remain unchanged. Please Note that the Institute remains closed on Saturday & Sunday.

XII. The Bidders are requested to submit the bids after issue of clarifications only considering the changes made if any. Bidders are totally responsible for incorporating/complying the changes/amendments issued if any, in their bid.
EVALUATION OF PROPOSALS FOR INVERTED FLUORESCENCE TRINOCULAR MICROSCOPE:

The evaluation of the Technical Proposals will be carried out in the following manner:

(a) The Bidders' technical proposal will be evaluated as per the requirements and evaluation/eligibility criteria as spelt out in Overall Evaluation process of this Tender. The Bidders are required to submit all required documentation in support of the Eligibility criteria specified as required for technical evaluation.

(b) Bidders not meeting the above minimum mandatory qualification/eligibility criteria in all categories shall be out rightly rejected and not considered for any further evaluation.

(c) The eligibility based on which the Bidder initially qualifies is required to be maintained by the firm throughout the contract period, failing which the contract can be terminated.

(d) The bidders scoring at least 70% marks (in Eligibility Criteria) will be selected as the Technically Qualified Bidder.

(e) In case, any firm obtained minimum marks in each field of evaluation criteria but fails to achieve minimum score of 70% marks, on overall basis, shall be rejected and will not be considered for further process.

(f) Technical bid of only those bidders will be evaluated whose Eligibility Criteria Documents are found in order.

(g) Detailed technical evaluation will be carried out based on the Technical Bid along with all documents are evidence as mentioned above.

(h) At any time during the Bid evaluation process, the Committee may seek oral / written clarifications from the Bidders. The Committee may seek inputs from their professional and technical experts in the evaluation process.

(i) Documentary evidence needs to be submitted duly self-attested by the bidder for each of the eligibility criteria.

(k) Self-declaration needs to be signed by authorized signatory(s).

The evaluation would consist of the following phases:

A. Phase I: Evaluation of Technical Bids.
B. Phase II: Evaluation of Financial Bids.

Evaluation Criteria of Technical bid of Inverted Fluorescence Trinocular Microscope:

<table>
<thead>
<tr>
<th>Sl.</th>
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<tbody>
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<td>1</td>
<td>Past experience of the organization (track record)</td>
<td>All completed or ongoing projects on INVERTED FLUORESCENCE TRINOCULAR MICROSCOPE at different Govt. Medical Colleges/ National Institutes (With each having a minimum unit of 1) for at least 5 years to be looked into</td>
<td>Min 5-year experience - 5 Min 3-year experience - 3 Less than 3 years - experience - 0</td>
<td>5</td>
</tr>
<tr>
<td>2</td>
<td>Performance of ongoing project on INVERTED FLUORESCENCE TRINOCULAR MICROSCOPE in different Govt. Medical Colleges/ National Institutes</td>
<td>Bidder has to have at least 2 projects on INVERTED FLUORESCENCE TRINOCULAR MICROSCOPE (Each with a minimum of 1 unit sold) within the last 2 years</td>
<td>Having 10 projects - 10 Having 5 projects - 5 Having 2 projects - 3 No projects - 0</td>
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</tr>
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</table>
### 3. Onsite Demonstration of INVERTED FLUORESCENCE TRINOCULAR MICROSCOPE (at IIT Kharagpur) *

After qualifying in the bid, the vendor has to give an onsite demonstration of the INVERTED FLUORESCENCE TRINOCULAR MICROSCOPE model for which the bid is submitted else the next bidder will be invited.

| 10 | Accepting and physically present for onsite Demonstration | 10 |
| Not accepting for Onsite Demonstration | Accepting, but not physically present for onsite Demonstration |

### 4. Manufacturing capabilities

#### 4.1 Certified machinery

| 10 | Quality accreditations, licensing-ISO, BSI, ISI/ Appropriate certification |
| Having all required certifications | 10 |
| Else | 0 |

#### 4.2 OEM (Original Equipment Manufacturer)

| 10 | Having OEM-10 |
| Kolkata zone-based service center/contact point | 5 |
| Other than Kolkata zone-based service center/contact point, but within 200 KM of Kharagpur | 3 |
| Other city-based service center/contact point | 0 |

#### 4.3 Service center/ Contact point within 200 KM of Kharagpur

| 5 | Kolkata zone-based service center/contact point |
| Other than Kolkata zone-based service center/contact point, but within 200 KM of Kharagpur | 3 |
| Other city-based service center/contact point | 0 |

#### 4.4 Technical manpower/ Core team

| 5 | Having skill set based technical team for handholding after-sale support in INVERTED FLUORESCENCE TRINOCULAR MICROSCOPE projects |
| Having technical core team of 10 or more | 5 |
| Having technical core team of 5 or more | 3 |
| Having technical core team less than 5 | 0 |
| Service call address within 24 hrs | 5 |
| Service call address within 48 hrs | 3 |
| Service call address within 72 hrs | 2 |
| Else | 0 |

#### 5. After sale service time

| 5 | Bidder to ensure the minimum time to address the service call |
| Service call address within 24 hrs | 5 |
| Service call address within 48 hrs | 3 |
| Service call address within 72 hrs | 2 |
| Else | 0 |

#### 6. Financial strength of the bidder

| 5 | Financial performance for at least three FY years to be looked into (Balance Sheet, Audit report) |
| Having a turnover of last three years is more than 2 cr | 5 |
| Having a turnover of the last three years is more than 1 cr | 3 |
| Below 1 cr | 0 |
7 Microscope Details * (As per ANNEXURE-IA)

Microscope Type: Transmission mode research binocular non-hinged type with built-in light, built-in pointer, and light intensity regulator microscope

*Subject to satisfactory demonstration at site to the Committee Members

As per ANNEXURE-IA DETAILS OF TECHNICAL SPECIFICATIONS – Item Sl. “B”

Detailing about microscope (total no. of INVERTED FLUORESCENCE TRINOCULAR MICROSCOPES in the assembly line), superior technology - 15

Plant layout and labor involvement - 2

Detailing about certified materials (SS-304/SS-316) - 3

Availability of spare parts & Replacement - 5

No. of handholding support at post-installation - 1

Terms of maintenance after installation - 2

Assured AMC for 5 years - 7

Total 35

Eligibility Criteria: Minimum qualifying mark is 70 (Seventy) for the opening of Financial Bid

<table>
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<tr>
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<td>1</td>
<td>The Agency must be incorporated &amp; registered in India, under the Indian Companies Act /Societies Registration Act/Trust Act/any other Act in India and should be in operation in India for a minimum of 5 years</td>
<td>Certificate of Incorporation / Registration certificate/Trust Deed/ Firm registration Certificate along with PAN, Audit report of last 3 FY, Balance Sheet, GST registration certificate, proof of documents for aforesaid criteria alongwith the prescribed formats as mentioned in the Bid Document.</td>
</tr>
<tr>
<td>2</td>
<td>Scored 70% or above based on the aforesaid criteria shall be eligible to participate in the subsequent stage i.e RFP for detailed technical &amp; financial bids.</td>
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Analysis of Technical Bid:

The technical bid will be analyzed and evaluated, and the technical bid marks shall be assigned to each bidder on the basis of above-mentioned evaluation matrix

i) Each criterion will have a specific score and only those Technical Bids receiving marks greater than or equal to cut-off marks i.e., 70% will be eligible for consideration in financial bids. If required, the Authority may seek specific clarifications from any or all Bidder(s) at this stage. The Authority shall determine the Bidder that qualifies for the next phase after reviewing the clarifications provided by the Bidder(s). The bidder may be asked to make a presentation before the Purchase Committee to explain the points on the basis of which technical bids will be evaluated.

ii) Technical Bid Score: The Technical Bid Score ‘St’ of the Bidder shall be derived as under

$$St= \left(\frac{Stm}{SH}\right) \times 100$$

where

- $St$ is the Technical Bid Score
- $Stm$ = Score obtained by the concerned bidder
- $SH$ = Highest total technical bid marks amongst all evaluated bids.

iii) The Authority reserves the right to modify the evaluation process at any time during the RFP process, without assigning any reason, whatsoever, and without any requirement of intimating the Bidder of any such change. At any time during the process of evaluation the Authority may seek specific clarifications from any or all Bidder(s).
A. **Phase II: Evaluation of Financial Bids**

In this phase, the Financial Bids of the Bidder, who are technically qualified in Phase I, shall be considered. Formula to determine the scores for the Financial Bids shall be as follows

\[
S_f = (\frac{F_L}{F}) \times 100, \text{ Where} \\
S_f \text{ is the normalized commercial score for the bidder under consideration (i.e. the scaled score with reference to the L-1 quote for a particular bidder)} \\
F \text{ is the absolute financial quote for the bidder under consideration (to be more specific, the rate quoted by the particular bidder, in hand)} \\
F_L \text{ is the minimum absolute financial quote (in other words, the rates quoted by the L-1 bidder)}
\]

B. **Phase III: Combined Evaluation of Technical & Financial Bids**

The Total score of the Bidder will be determined as under

\[
\text{Total Score (Ts)} = (0.70 \times S_t) + (0.30 \times S_f)
\]

The Bid of the Bidder, who obtains the highest Ts value, will be rated as the best Bid. In the event of a tie, the bid with the highest technical score (St) will be rated as the best bid. Beyond that, Authority will decide the matter in its full discretion.
EVALUATION OF PROPOSALS FOR LED BINOCULAR MICROSCOPE:

The evaluation of the Technical Proposals will be carried out in the following manner:

a) The Bidders' technical proposal will be evaluated as per the requirements and evaluation/eligibility criteria as spelt out in Overall Evaluation process of this Tender. The Bidders are required to submit all required documentation in support of the Eligibility criteria specified as required for technical evaluation.

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i) Documentary evidence needs to be submitted duly self-attested by the bidder for each of the eligibility criteria.

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The evaluation would consist of the following phases:

A. Phase I: Evaluation of Technical Bids.
B. Phase II: Evaluation of Financial Bids.

Phase I: Evaluation of Technical Bids

Evaluation Criteria of Technical Bid of Led Binocular Microscope:

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Min 3-year experience- 3  
Less than 3 years - experience - 0 | 5 |
| 2   | Performance of ongoing project on LED BINOCULAR MICROSCOPE in different Govt. Medical Colleges/ National Institutes | Bidder has to have at least 2 projects on LED BINOCULAR MICROSCOPE (Each with a minimum of 20 units sold) within the last 2 years | Having 10 projects -10  
Having 5 projects -5  
Having 2 projects -3  
No projects -0 | 10 |
### Onsite Demonstration of LED BINOCULAR MICROSCOPE (at IIT Kharagpur)
*Subject to satisfactory demonstration at site to the Committee Members*

After qualifying in the bid, the vendor has to give an onsite demonstration of the LED BINOCULAR MICROSCOPE model for which the bid is submitted else the next bidder will be invited.

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### Manufacturing capabilities

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In this phase, the Financial Bids of the Bidder, who are technically qualified in Phase I, shall be considered.

Formula to determine the scores for the Financial Bids shall be as follows

\[ S_f = \left( \frac{F_L}{F} \right) \times 100, \text{ Where} \]

- \( S_f \) is the normalized commercial score for the bidder under consideration (i.e. the scaled score with reference to the L-1 quote for a particular bidder)
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The Total score of the Bidder will be determined as under

\[ \text{Total Score (Ts)} = (0.70 \times St) + (0.30 \times S_f) \]

The Bid of the Bidder, who obtains the highest Ts value, will be rated as the best Bid. In the event of a tie, the bid with the highest technical score (St) will be rated as the best bid. Beyond that, Authority will decide the matter in its full discretion.
EVALUATION OF PROPOSALS FOR PENTA HEAD MICROSCOPE:

The evaluation of the Technical Proposals will be carried out in the following manner:

a) The Bidders’ technical proposal will be evaluated as per the requirements and evaluation/eligibility criteria as spelt out in Overall Evaluation process of this Tender. The Bidders are required to submit all required documentation in support of the Eligibility criteria specified as required for technical evaluation.

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The evaluation would consist of the following phases:

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B. Phase II: Evaluation of Financial Bids.

Phase I: Evaluation of Technical Bids

Evaluation Criteria of Technical Bid of Penta Head Microscope:

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<tr>
<td>4.2</td>
<td>Service center/ Contact point within 200 KM of Kharagpur</td>
<td>Kolkata zone-based service center/contact point-5 Other than Kolkata zone-based service center/contact point, but within 200 KM of Kharagpur-3 Other city-based service center/contact point-0</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>4.3</td>
<td>Technical manpower/ Core team</td>
<td>Having skill set based technical team for handholding after-sale support in PENTA HEAD MICROSCOPE projects</td>
<td>Having technical core team of 10 or more- 5 Having technical core team of 5 or more- 3 Having technical core team less than 5- 0</td>
<td>5</td>
</tr>
<tr>
<td>4.4</td>
<td>After sale service time</td>
<td>Bidder to ensure the minimum time to address the service call</td>
<td>Service call address within 24 hrs- 5 Service call address within 48 hrs- 3 Service call address within 72 hrs- 2 Else- 0</td>
<td>5</td>
</tr>
<tr>
<td>5</td>
<td>Financial strength of the bidder</td>
<td>Financial performance for at least three FY years to be looked into (Balance Sheet, Audit report)</td>
<td>Having a turnover of last three years is more than 2 cr.- 5 Having a turnover of the last three years is more than 1 cr.-3 Below 1 cr.- 2</td>
<td>5</td>
</tr>
</tbody>
</table>
7 Microscope Details * (As per ANNEXURE-IA) *Subject to satisfactory demonstration at site to the Committee Members

As per ANNEXURE-IA DETAILS OF TECHNICAL SPECIFICATIONS – Item SL “E”

- Detailing about microscope (total no. of PENTA HEAD MICROSCOPES in the assembly line), superior technology - 15
- Plant layout and labor involvement - 2
- Detailing about certified materials (SS-304/SS-316) - 3
- Availability of spare parts & Replacement - 5
- No. of handholding support at post-installation - 1
- Terms of maintenance after installation - 2
- Assured AMC for 5 years - 7

| Total | 100 |

**Eligibility Criteria:** Minimum qualifying marks is 70 (Seventy) for the opening of Financial Bid

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Shortlisting Criteria</th>
<th>Supporting Documents</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>The Agency must be incorporated &amp; registered in India, under the Indian Companies Act /Societies Registration Act/Trust Act/any other Act in India and should be in operation in India for a minimum of 5 years</td>
<td>Certificate of Incorporation / Registration certificate/Trust Deed/ Firm registration Certificate along with PAN, Audit report of last 3 FY, Balance Sheet, GST registration certificate, proof of documents for aforesaid criteria alongwith the prescribed formats as mentioned in the Bid Document.</td>
</tr>
<tr>
<td>2</td>
<td>Scored 70% or above based on the aforesaid criteria shall be eligible to participate in the subsequent stage i.e RFP for detailed technical &amp; financial bids.</td>
<td></td>
</tr>
</tbody>
</table>

**Analysis of Technical Bid:**
The technical bid will be analyzed and evaluated, and the technical bid marks shall be assigned to each bidder on the basis of above-mentioned evaluation matrix

(i) Each criterion will have a specific score and only those Technical Bids receiving marks greater than or equal to cut-off marks i.e., 70% will be eligible for consideration in financial bids. If required, the Authority may seek specific clarifications from any or all Bidder(s) at this stage. The Authority shall determine the Bidder that qualifies for the next phase after reviewing the clarifications provided by the Bidder(s). The bidder may be asked to make a presentation before the Purchase Committee to explain the points on the basis of which technical bids will be evaluated.

(ii) Technical Bid Score: The Technical Bid Score ‘St’ of the Bidder shall be derived as under

a. \[ St = \left( \frac{Stm}{SH} \right) \times 100, \]

i. \( St \) is the Technical Bid Score
ii. \( Stm \) = Score obtained by the concerned bidder
iii. \( SH \) = Highest total technical bid marks amongst all evaluated bids.
(iii) The Authority reserves the right to modify the evaluation process at any time during the RFP process, without assigning any reason, whatsoever, and without any requirement of intimating the Bidder of any such change. At any time during the process of evaluation the Authority may seek specific clarifications from any or all Bidder(s).

**Phase II: Evaluation of Financial Bids**

In this phase, the Financial Bids of the Bidder, who are technically qualified in Phase I, shall be considered.

Formula to determine the scores for the Financial Bids shall be as follows

\[ S_f = \left( \frac{F_L}{F} \right) \times 100, \text{ Where} \]

- \( S_f \) is the normalized commercial score for the bidder under consideration (i.e. the scaled score with reference to the L-1 quote for a particular bidder)
- \( F \) is the absolute financial quote for the bidder under consideration (to be more specific, the rate quoted by the particular bidder, in hand)
- \( F_L \) is the minimum absolute financial quote (in other words, the rates quoted by the L-1 bidder)

**Phase III: Combined Evaluation of Technical & Financial Bids**

The Total score of the Bidder will be determined as under

\[ \text{Total Score (Ts)} = (0.70 \times S_t) + (0.30 \times S_f) \]

The Bid of the Bidder, who obtains the highest Ts value, will be rated as the best Bid. In the event of a tie, the bid with the highest technical score (St) will be rated as the best bid. Beyond that, Authority will decide the matter in its full discretion.
EVALUATION OF PROPOSALS FOR TRINOCULAR DIGITAL MICROSCOPE:

The evaluation of the Technical Proposals will be carried out in the following manner:

a) The Bidders’ technical proposal will be evaluated as per the requirements and evaluation/eligibility criteria as spelt out in Overall Evaluation process of this Tender. The Bidders are required to submit all required documentation in support of the Eligibility criteria specified as required for technical evaluation.

b) Bidders not meeting the above minimum mandatory qualification/eligibility criteria in all categories shall be out rightly rejected and not considered for any further evaluation.

c) The eligibility based on which the Bidder initially qualifies is required to be maintained by the firm throughout the contract period, failing which the contract can be terminated.

d) The bidders scoring at least 70% marks (in Eligibility Criteria) will be selected as the Technically Qualified Bidder.

e) In case, any firm obtained minimum marks in each field of evaluation criteria but fails to achieve minimum score of 70% marks, on overall basis, shall be rejected and will not be considered for further process.

f) Technical bid of only those bidders will be evaluated whose Eligibility Criteria Documents are found in order.

g) Detailed technical evaluation will be carried out based on the Technical Bid along with all documents are evidence as mentioned above.

h) At any time during the Bid evaluation process, the Committee may seek oral / written clarifications from the Bidders. The Committee may seek inputs from their professional and technical experts in the evaluation process.

i) Documentary evidence needs to be submitted duly self-attested by the bidder for each of the eligibility criteria.

j) Self-declaration needs to be signed by authorized signatory(s).

The evaluation would consist of the following phases:

A. Phase I: Evaluation of Technical Bids.
B. Phase II: Evaluation of Financial Bids.

Phase I: Evaluation of Technical Bids

Evaluation Criteria of Technical Bid of Trinocular Digital Microscope:

<table>
<thead>
<tr>
<th>Sl.</th>
<th>Criteria/ Sub criteria</th>
<th>Description</th>
<th>Point System</th>
<th>Max Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Past experience of the organization (track record)</td>
<td>All completed or ongoing projects on TRINOCULAR DIGITAL MICROSCOPE at different Govt. Medical Colleges/ National Institutes (With each having a minimum unit of 1) for at least 5 years to be looked into</td>
<td>Min 5-year experience - 5 Min 3-year experience - 3 Less than 3 years - experience - 0</td>
<td>5</td>
</tr>
<tr>
<td>2</td>
<td>Performance of ongoing project on TRINOCULAR DIGITAL MICROSCOPE</td>
<td>Bidder has to have at least 2 projects on TRINOCULAR DIGITAL MICROSCOPE (Each with a minimum of 1 unit sold) within the last 2 years</td>
<td>Having 10 projects - 10 Having 5 projects - 5 Having 3 projects - 3 Having less than 3 projects - 0</td>
<td>10</td>
</tr>
</tbody>
</table>
| 3 | Onsite Demonstration of TRINOCULAR DIGITAL MICROSCOPE (at IIT Kharagpur) *  
*Subject to satisfactory demonstration to the Committee Members at site | After qualifying in the bid, the vendor has to give an onsite demonstration of the TRINOCULAR DIGITAL MICROSCOPE model for which the bid is submitted else the next bidder will be invited. | Accepting and physically present for onsite Demonstration - 10  
Not accepting for Onsite Demonstration – 0  
Accepting, but not physically present for onsite Demonstration-0 |
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</thead>
<tbody>
<tr>
<td>4</td>
<td><strong>Manufacturing capabilities</strong></td>
<td></td>
<td></td>
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</tbody>
</table>
| 4.1 | Certified machinery | Quality accreditations, licensing-ISO, BSI, CE, FDA or Appropriate certification | Having all required certifications- 10  
Else - 0 |
| 4.2 | OEM (Original Equipment Manufacturer) | | Having OEM-10  
Else-0 |
| 4.3 | Service center/ Contact point within 200 KM of Kharagpur | Kolkata zone-based service center/contact point-5  
Other than Kolkata zone-based service center/contact point, but within 200 KM of Kharagpur-3  
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| 6 | Financial strength of the bidder | Financial performance for at least three FY years to be looked into (Balance Sheet, Audit report) | Having a turnover of last three years is more than 2 cr.-5  
Having a turnover of the last three years is more than 1 cr.-3  
Below 1 cr.-0 |
### Microscope Details *
(As per ANNEXURE-IA)

*Subject to satisfactory demonstration to the Committee Members at site

### DETAILS OF TECHNICAL SPECIFICATIONS as per ANNEXURE-IA

Subject to submission of proper supporting documents

### Plant Layout and Labor Involvement
- 2

### Detailing about certified materials
- 3

### Availability of spare parts & Replacement
- 5

### No. of handholding support at post-installation
- 1

### Terms of maintenance after installation
- 2

### Assured AMC for 5 years
- 7

Total 100

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\[ Sf = \left( \frac{FL}{F} \right) \times 100, \]

Where

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Phase III: Combined Evaluation of Technical & Financial Bids

The Total score of the Bidder will be determined as under

\[ \text{Total Score (Ts)} = (0.70 \times St) + (0.30 \times Sf) \]

The Bid of the Bidder, who obtains the highest Ts value, will be rated as the best Bid. In the event of a tie, the bid with the highest technical score (St) will be rated as the best bid. Beyond that, Authority will decide the matter in its full discretion.
ANNEXURE-III

INSTRUCTIONS & SPECIAL CONDITIONS

1. **General:** Indian Manufacturers/Service provider or its Authorized Agent/Distributor/Dealer/ Stockist (hereinafter called only Authorised Agent), having registered office in India are invited to quote.

2. **Deviation from Specifications:** It is in the interest of the tenderer to study the specifications in the tender schedule thoroughly before quoting so that, if the tenderer makes any deviations, the same are prominently brought out in the body of the tender. If you need to add any optional items to your system in order to meet our specifications, you are requested to quote for the total including the option required to suit our requirements. Otherwise, your tender will not be considered at all.

3. **TENDERERS SHALL SUBMIT ALONG WITH THEIR TENDER:** (i) Complete postal & e-mail address and tele-links for contacting persons of manufacturers/service providers/authorized vendors’ offices dealing with this purchase; (ii) Name and full address of the manufacturers/service providers/authorized vendors; (iii) Purchase order to be placed on: Should be mentioned in the quotation with full address.

4. **Performance Bank Guarantee:** The bidders to provide Performance Bank Guarantee of the amount equivalent to the 3% of the cost of contract value from any Nationalized Bank. The Performance Bank Guarantee is required for the entire period of Warranty. Performance Bank Guarantee must remain valid for a period 60 (sixty) days beyond the expiry of the Warranty Period.

5. **Guarantee:** The tenderer has to declare that the goods sold to the buyer under this contract shall be of the best quality and workmanship and shall be strictly in accordance with the specifications.

6. **Jurisdiction:** All questions, disputes, or differences arising under, out of or in connection with the contract, if concluded, shall be subject to the exclusive jurisdiction at the place from which the acceptance of Tender is issued i.e. Jurisdiction of KOLKATA HIGH COURT. Acceptance to this effect is also necessary at the time of opening of Technical Bid.

7. **Acknowledgment:** The tenders should acknowledge that they have gone through all the points listed under “Instructions & Special Conditions” outlined above, and those in the accompanying “General Terms and Conditions”, and they agree to abide by them under the penalty of permanent disqualification for Tender participation and for related penal actions for non-abidance of the conditions.

8. Interested vendors must be able to supply adequate spares and consumable during five years of comprehensive warranty. Vendor should also ensure trouble free service and performance for another five years beyond initial five years of Comprehensive Warranty Period with adequate spares and accessories.
### ANNEXURE – IV

**ELIGIBILITY CRITERIA / PRE-QUALIFICATION BID DOCUMENTS CHECK LIST**

(Mandatory Documents Need To Be Submitted)

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Description</th>
<th>Submitted (Yes/No)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Registration Certificate</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>PAN and GST Certificates</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Status of the Tenderer (attach documents, if registered company/ partnership /propriety-ship)</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Manufacturer (OEM certificate) or Service Provider /Dealer (Authorization and OEM certificate from Manufactures)</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Details of key top official/authorized official with e-mail id and contact number</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Income Tax Returns of latest last three years (i.e. for Assessment Financial Year-2019-20, 2020-21 and 2021-22)</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Audited Annual Accounts Statement of latest last three years (i.e. for Financial Year-2019-20, 2020-21 and 2021-22)</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>EMD/Bid Security as mentioned in GTC</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Declaration as per Annexure – V</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Manufacturer’s authorization Form as per Annexure-VI</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Tenderer shall furnish Performance statement in the enclosed Proforma as per Annexure – VII [Current list and address of clients where similar material/ products supplied to various reputed Government Hospitals/Medical College/ Institutions/PSU’s/Other reputed Hospitals/ Medical College/ Institutions in India in last Five Financial Years]</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Technical Compliance Statement as per Annexure -VIII</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Technical Bid Documents Check List as per Annexure -IX</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Land Border Certificate as per Annexure - XI</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Self certification by mentioning the category and complying the same as per latest “Public Procurement (Preference to Make in India), 2017” order (in Annexure-XII)</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>Other documents like literature, catalogues etc.: Original copies of Technical Literature/Catalogues for each item quoted duly put code number (if any) of items as per tender item list given in Technical Specification on each catalogue/literature/Shop Drawing document. Non submission may lead to non-consideration of the bid for that item.</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>Check List for Enclosures</td>
<td></td>
</tr>
</tbody>
</table>
NOTE:

1. Attach all relevant documents in the same serial order as above, properly indexed, duly signed.

2. This is to be submitted in a separate sealed envelope super scribing "TECHNICAL BID", Notice inviting Tender Reference no. and name of the bidder.

3. Price bid of that company/firm only will be opened which do technically qualify, for further consideration. Attach all relevant documents in the same serial order as above, properly indexed, duly signed and sealed.

4. Notwithstanding anything stated above, the Purchaser reserves the right to assess the Tenderer’s capability and capacity to perform the contract satisfactorily before deciding on award of Contract, should circumstances warrant such an assessment in the overall interest of the Purchaser.

Signature and seal of the Bidder
ANNEXURE - V

DECLARATION

1. I, ------------------------------------------, Son /Daughter of Shri ------------------------ ---- --------------------------------, Proprietor/Partner/CEO/MD/Director/Authorized Signatory of M/s.------------------------------------------, am competent to sign this declaration and execute this tender document.

2. I have carefully read and understood all the terms and conditions of the tender (Tender ref no: .................................................................DATED............) and hereby convey my acceptance of the same. It is hereby also acknowledged that we have gone through all the points listed under “Instructions & Special Conditions” outlined above, and those in the accompanying note on "Important Conditions", and we agree to abide by them under the penalty of permanent disqualification for Tender participation and for related penal actions for non-abidance of the conditions.

3. I have no objection for any of the content of the tender document and I undertake not to submit any complaint/representation against the tender document after submission date and time of the tender. The rates quoted by me/us are valid and binding on me/us for acceptance till the validity of tender.

4. The information/ documents furnished along with the above application are true and authentic to the best of my knowledge and belief. I/we am/are well aware of the fact that furnishing of any false information/ fabricated document would lead to rejection of my tender at any stage besides liabilities towards prosecution under appropriate law.

5. The articles shall be of the best quality and of the kind as per the requirement of the institution. The decision of the Director, IIT Kharagpur, India (herein after called the said officer) as regard to the quality and kind of article shall be final and binding on me. Should the said officer deem it necessary to change any article on being found of inferior quality, it shall be replaced by me/us free of cost in time to prevent inconvenience.

6. I/we have necessary infrastructure for the maintenance of the Equipment and will provide all accessories/spares as and when required.

7. Each page of the tender document and papers submitted by my Company is authenticated, sealed and signed, and I take full responsibility for the entire documents submitted.

8. Bid security/Performance security 3% of the cost of the supply value shall be deposited by me in the form of FDR/Bank Guarantee and shall remain in the custody of the Director till the validity of the Tender Contract plus two months (i.e. for 62 months).

9. I/We hereby undertake to supply the items during the validity of tender as per directions given in supply order within stipulated period positively.

10. I/We hereby confirm that I/we have necessary infrastructure for maintenance of the Equipment and will provide necessary accessories/spares as and when required by the Purchaser for five (5) years after expiry of the Comprehensive Warranty period.

11. If I/We fail to supply the stores in stipulated period, the IIT Kharagpur has full power to compound or forfeit the Bid Security/security deposit.

12. I/We also confirm that the Equipment will be supplied in brand new condition, and is of latest technology as well as have facility for upgradation, if any.

13. I/We undertake that if the rates of any items are lowered due to any reason, I will charge the lower rates.
14. I/We undertake that the items supplied are of as per Demonstration/Catalogue/technical literature description.

15. I/We do hereby confirm that the prices/rates quoted are at least at par with the prices quoted by me/us to any other Govt. of India/Govt. Hospitals/Medical College/ Medical Institutions/PSUs for the same items during the current Financial Year. I/we also offer to supply the Equipment/Quoted item/stores at the prices and rates not exceeding those mentioned in the price bid.

16. I/We hereby confirm and declare that I/we am/are not blacklisted/De-registered/debarred by any Government department/Public Sector Undertaking/Private Sector/or any other agency for which we have Executed/Undertaken the works/Services.

17. I/We declare that no legal/financial irregularities are pending against the proprietor/partner of the tendering firm or manufacturer.

Signature of the Authorized Person
(With Date & Company Seal)

Affirmation

I pledge and solemnly affirm that the information submitted in tender documents is true to the best of my knowledge and belief. I further pledge and solemnly affirm that nothing has been concealed by me and if anything adverse comes to the notice of purchaser during the validity of tender period The Director, IIT Kharagpur(India) will have full authority to take appropriate action as he/she may deem fit.

Signature of the Authorized Person
Date: ---------------------
Full Name: ------------------
Place: ---------------------
Company Seal: --------------
ANNEXURE – VI

MANUFACTURER’S AUTHORISATION FORM

To,
The “Director”,
Indian Institute of Technology Kharagpur (IITKGP)
Kharagpur-721302 (West Bengal), INDIA

Ref: Your Tender Notification No .................................................................

Dated ..............................

Dear Sirs,

We, ___________________________________________________________ who are proven and reputabe manufacturers of ____________________________________ (name and description of Equipment etc. offered in the tender) having factories at _____________________________ hereby authorise M/s__________________________ (name and address of the agent) to submit a tender, process the same further and enter into a contract with you against your requirement as contained in the above referred Tender Enquiry Notification for the above Equipment/Stores manufactured by us.

We also confirm that M/s__________________________ (name and address of the agent) have been appointed more than one year prior to the publication of this tender enquiry (the proof of appointment as authorised agent shall be submitted; if not original then notarized photocopy, however purchaser may call for original to verify).

We also hereby extend our full warranty, CMC as applicable as per clause 8 of the Additional Terms and Conditions of the Tender Notification for the goods and services offered for supply by the above firm against this Tender Notification document including availability of Spares parts for the period of 10 years for supplied Equipment to IIT Kharagpur.

We also confirm that the price quoted by our agent shall not exceed than that which we would have quoted directly. We also hereby confirm that we would be responsible for the satisfactory execution of contract placed on the authorized agent.

Yours faithfully,

[Signature with date, name and designation]
for and on behalf of Messrs________________________
[Name & address of the manufacturer]

Note:-

1. This letter of authorization should be on the letter head of the manufacturing firm and should be signed by a person competent and having the power of attorney to legally bind the manufacturer.

2. Original letter's scanned copy may be uploaded and handed over as and when directed.
ANNEXURE - VII

PROFORMA FOR PERFORMANCE STATEMENT
(For the Last Three Years)

<table>
<thead>
<tr>
<th>Tender Reference No</th>
<th>Date of Opening</th>
<th>Name &amp; Address of the Tenderer</th>
<th>Name &amp; Address of the Manufacturer</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Order placed by (with full address of Purchaser)</th>
<th>Order No. &amp; Date</th>
<th>Description &amp; and Quantity of ordered goods and Services</th>
<th>Value of Order (Rs.)</th>
<th>Date of Completion of Contract</th>
<th>Remarks indicating reasons for delay, if any</th>
<th>Have the goods been functioning satisfactorily (attach documentary proof)**</th>
</tr>
</thead>
<tbody>
<tr>
<td>1                                               2                                             3                                                   4                                                   5                                                   6                                                   8</td>
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We hereby certify that if at any time, information furnished by us is proved to be false or incorrect, we are liable for any action as deemed fit by the purchaser in addition to forfeiture of the Bid security.

Signature and date with seal of the Tenderer

**The documentary proof will be a certificate from the consignee/end user with cross-reference of order no. and date in the certificate along with a notarized certification authenticating the correctness of the information furnished.
## TECHNICAL BID

<table>
<thead>
<tr>
<th>Tender Item No.</th>
<th>Name of the item (as per the Tender Schedule of Requirement Annexure-I)</th>
<th>Make &amp; Model Quoted</th>
<th>Catalogues YES/NO</th>
<th>Demonstration Yes / no</th>
<th>Deviation to specification, if any with reason</th>
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[Signature and Seal with date, name and designation]
for and on behalf of Messrs_____________________

[Name & address of the Bidder]
### TECHNICAL BID DOCUMENTS CHECK LIST

<table>
<thead>
<tr>
<th>SL. NO.</th>
<th>NAME OF DOCUMENT REQUIRED TO BE submitted/UPLOADED*</th>
<th>YES</th>
<th>NO</th>
<th>Remarks, if any</th>
</tr>
</thead>
</table>
| (1)     | Documents to be uploaded on or before closing date as per Tender Notification in the Sealed Envelope scribing “Technical Bid” with Tender Notification ID: (Absence of the any document may lead to rejection of tender). Serial Number of submitted documents should be in sequence as mentioned below:  
(I) Original Catalogues properly numbered should be uploaded  
(II) Original copies of Technical Literature/Catalogues for each item quoted duly put code number (if any) of items as per tender item list given in Schedule of Requirement (Annexure-I) on each catalogue/literature document. Non submission may lead to non-consideration of the bid for that item. |     |    |                 |
| (2)     | Following Technical Bid Document’s Duly Signed, Attested scanned copies to be uploaded in the “Technical Bid Slot” in the E-Tendering solution by Bidder: |     |    |                 |
|         | I. Signed & Legible scanned copy of the Technical bid "Annexure-VIII" |     |    |                 |
|         | II. Scanned copy of List of the items with its make & model without indicating prices in Technical bid by interested Bidder for Technical Evaluation purpose on those items he wants to be participate against in this Tender as per the Schedule of Requirement given in “Annexure-I” of this Tender Enquiry. |     |    |                 |
|         | A. Signed and scanned copies of Manufacturer with respect to Personnel/Equipment/ Quoted item/Manufacturing facilities, the following necessary supportive documents duly Signed and Sealed must require to be submitted/ uploaded:-  
   a. Registered with the Government (Central/State) for manufacturing/ Distributing / Dealing with quoted goods/ items.  
   b. Holding a valid License for manufacturing of the quoted goods/items Or Registered for and having permission for warehousing/ cold chain / Storage capabilities. |     |    |                 |
OR

B. Scanned copy of Declaration in case of manufacturer or Scanned & Attested copy of current contract/Authorization – between manufacturer and distributor /bidder as the case may be in the format given at “Annexure-VI”. The agent should have been appointed at least one year prior to the publication of this tender enquiry. The proof of appointment as authorised agent shall be submitted (if not original then notarized photocopy, however purchaser may call for original to verify)

Declaration / authorization from the manufacturer should be submitted for every quoted item/Equipment. However, if the bidder is quoting more than one Equipment of the same make, single authorization mentioning the name of items/Equipment from the manufacturer is sufficient.

### IV.

Signed and scanned copies of Manufacturer with respect to Personnel/Equipment/Quoted item/Manufacturing facilities, the following necessary supportive documents duly Signed and Sealed must require to be submitted/uploaded:-


- b. Holding a valid License for manufacturing of the quoted goods/items OR Valid permission for importing the quoted goods OR Registered for and having permission for warehousing/ cold chain / Storage capabilities.

### V.

Certification by mentioning the category and complying the same as per latest “Public Procurement (Preference to Make in India), 2017” order as per Annexure-XII

### VI.

Land Border Certificate as per Annexure-XI

### VII.

Signed Eligibility Criteria/Documents Check List of Technical Bid alongwith required documents as per “Annexure-IV” must uploaded/submitted in the respective Technical Bid Documents Slot in the e-Tendering solution.

### VIII.

Declaration as per Annexure-V

### IX.

EMD/Bid Security and Tender Fee

### X.

Audited Annual Accounts Statement of latest last three years (i.e. for Financial Year-2019-20, 2020-21 and 2021-22)

### XI.

Performance Statement as per Annexure-VII

Name & Signature

Seal of the participating Bidder Company with Date
**ANNEXURE - X**

(on the official Letterhead of the firm)

**FINANCIAL BID FORMAT**

Tender for Quoted item etc. to be provided at BCRMMRC, IIT KHARAGPUR with five years of onsite warranty

<table>
<thead>
<tr>
<th>Tender Item No.</th>
<th>Name of the item (as per the Tender Schedule of Requirement Annexure-I)</th>
<th>Make &amp; Model Quoted</th>
<th>Quantity</th>
<th>Basic Price (in Rs.) per Set inclusive of all expenses, 5 Yrs of onsite warranty period</th>
<th>Taxes on Basic Price per Set</th>
<th>Price (in Rs.) per Set inclusive of all Taxes, expenses, 5 Yrs of onsite warranty period (in Figures)</th>
<th>Total Price (in Rs.) inclusive of all Taxes, expenses, 5 Yrs of onsite warranty period (in Figures)</th>
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</thead>
<tbody>
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</table>

**Sum total of the respective Column**

**Total Price (in Rs.) inclusive of all Taxes, expenses, 5 Yrs of onsite warranty period (in words)**:

1. If, in the price structure quoted by a tenderer, there is discrepancy between the unit price and the total price (which is obtained by multiplying the unit price by the quantity), the unit price shall prevail and the total price corrected accordingly, unless the purchaser feels that the tenderer has made a mistake in placing the decimal point in the unit price, in which case the total price as quoted shall prevail over the unit price and the unit price corrected accordingly. In case of discrepancies between words and figures, the bid which is least of the two versions will be confirmed.

2. Quoted Rates should be inclusive of everything viz. Freight Charges, Packing Charges, Forwarding & Insurance Charges, Transportation & Octroi up to FOR, 5 Years Onsite Warranty inclusive of all Spares & Labour, GST etc. and is required to be supplied by the Tenderer with Equipment for make it operational at the Client site including all required accessories and in-situ works (like civil, plumbing & mechanical works etc.) in case of Equipment supply which needs consumables/such kind of in-situ works for their day to day smooth functioning at respective location in the user department at Clint site. Quoted Price means that all such expenses have been taken into account by the Bidder and are inclusive in the Quoted Offered Price.

3. The Bidder will quote firm rates inclusive of all Taxes & expenditure up to F.O.R. to IIT Kharagpur basis. The IIT Kharagpur will release payment claim against accepted supply after deductions of TDS as per prevailing Tax Rules and LD (if any) as per the Terms & Condition mentioned in the Tender.

4. L1 will be decided on total cost of the requested furniture with 5 Years of onsite warranty cost basis.

Name & Signature

Seal of the participating Bidder Company with Date
CERTIFICATE

I/we have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; I/we hereby certify that this bidder is not from such a country and is eligible to be considered.

OR (whichever is applicable)

I/we have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; I/we hereby certify that this bidder is from __________(Name of Country) and has been registered with the Competent Authority. I/we also certify that this bidder fulfils all the requirements in this regard and is eligible to be considered.

(Copy/ evidence of valid registration by the Competent Authority is to be attached with the bid document)

Signature of the Authorized Person with Date: -------------------------

Full Name: -------------------------

Place: -------------------------

Company Seal: -----------
ANNEXURE – XII

DECLARATION OF LOCAL CONTENT

(To be given on Company Letter Head – For tender value upto Rs.10 Crores)

(To be given by Statutory Auditor/Cost Auditor/ Practising Cost Accountant/ Practising Chartered Accountant for tender value in excess of Rs.10 Crores)

[Ref: Tender No:………………………………… Dated:………………………………………]

To
The Chairman Departmental Purchase Committee
Dr. B. C. Roy Multi-Speciality Medical Research Centre (BCRMMRC)
IIT Kharagpur
PIN: 721302

Subject: Declaration of Local Content-reg.

1. Country of origin of Goods being offered:.................................................................

2. We hereby declare that items offered has .................% local content. (Clarification for Local content calculation as per OM No: P-45021/102/2019-BE-II-Part (1) (E-50310), dated 4th March 2021 of Department of Promotion of Industry and Internal Trade, Ministry of Commerce and Industry, Govt. of India.)

3. The details of the location(s) at which local value addition is made are given in the below table;

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Name of the item</th>
<th>Location(s) of local value addition</th>
</tr>
</thead>
</table>

"Local Content" means the amount of value added in India which shall, unless otherwise prescribed by the Nodal Ministry, be the total value of the item procured (excluding net domestic indirect taxes) minus the value of the imported content in the item (including all customs duties) as a proportion of the total value, in percent.

Important:

“False declaration will be in breach of Code of Integrity under Rule 175(1)(i)(h) of the General Financial Rules 2017 for which a bidder or its successors can be debarred for up to two years as per Rule 151(iii) of the General Financial Rules 2017 along with such other actions as may be permissible under law.”

Date:

Yours faithfully,

Signature of the Authorized Person with Date: --------------------------
Full Name: __________________________
Place & Company Seal: --------------------------
TERMS & CONDITIONS OF SUPPLY ORDER

1. The store should be supplied strictly in accordance with the supply order and with the approved specification/Equipment demonstrated.

2. The supply should be made between 10.00 am to 16.00 pm on any of the working day. Part supply will be entertained only in exceptional cases with prior approval of competent authority. However, in case due to any reason part supply has been made the payment will be made only after the completion of complete supply.

3. Supplier must ensure that every challan is to be submitted in the concerned store along with the supplies. The number and date of delivery challan must be indicated on the bill.

4. Triplicate bills duly, pre receipted on appropriate revenue stamp affixed be submitted in the name of the Deputy Registrar, BCRMMRC, IIT Kharagpur in respective stores.

5. The bill should be in printed form having printed bill number, TIN/GST Number as well as D.L. No. (Whereas applicable) and deposition of Taxes to the various statutory bodies is the sole responsibility of the Tenderer.

6. Delivery period: Supply time of the goods will be 6 Weeks (i.e. 42 Days).

7. The Director, IIT Kharagpur (India) reserves the right to extend the delivery period subject to imposition of a penalty as per Additional Terms and Conditions vide Clause 3.

8. All rejected stores shall be at the risk of the supplier and must be removed immediately.

9. Guarantee/Warranty Certificate must be provided, at the time of supply.

In case it is a computer-generated bill, it must have the signature and seal of the firm affixed on it.
# Checklist for Enclosures

*(Bidder Should fill up YES or NO and page no. without fail)*

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Bid Enclosures</th>
<th>Yes/No</th>
<th>Pg. No.</th>
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<tbody>
<tr>
<td><strong>Technical Bid (Envelope – A)</strong> contains the following documents</td>
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<tr>
<td>1</td>
<td>Registration Certificate</td>
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<td>2</td>
<td>PAN and GST Certificates</td>
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<td>3</td>
<td>Status of the Tenderer (attach documents, if registered company/ partnership/propriety-ship)</td>
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<td>4</td>
<td>Details of key top official/authorized official with e-mail id and contact number</td>
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<td>5</td>
<td>Income Tax Returns of latest last three years (i.e. for Assessment Financial Year-2019-20, 2020-21 and 2021-22)</td>
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<td>6</td>
<td>EMD/Bid Security Fee as per amount prescribed in the tender</td>
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<tr>
<td>7</td>
<td>Audited Annual Accounts Statement of latest last three years (i.e. for Financial Year-2019-20, 2020-21 and 2021-22)</td>
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<tr>
<td>8</td>
<td>Declaration as per <strong>Annexure – V</strong></td>
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<td>9</td>
<td>Manufacturer’s authorization Form as per <strong>Annexure-VI</strong></td>
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<td>11</td>
<td>Tenderer shall furnish Performance statement in the enclosed Proforma as per Annexure – VII [Current list and address of clients where similar material/ products supplied to various reputed Government Hospitals/Medical College/ Institutions/ PSU’s/ Other reputed Hospitals/ Medical College/ Institutions in India in last three Financial Years].</td>
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<td>12</td>
<td>Technical Compliance Statement as per <strong>Annexure - VIII</strong></td>
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<td>13</td>
<td>Technical Bid Documents Check List as per <strong>Annexure - IX</strong></td>
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<tr>
<td>14</td>
<td>Land Border Certificate as per <strong>Annexure - XI</strong></td>
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<td>15</td>
<td>Self certification by mentioning the category and complying the same as per latest “Public Procurement (Preference to Make in India), 2017” order (in <strong>Annexure-XII</strong>)</td>
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<td><strong>Financial Bid (Envelope – B)</strong></td>
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<td>1</td>
<td>Price Bid (As per the format given at <strong>Annexure – X</strong>)</td>
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*Note: All pages of the bid documents must be serially numbered and signed*