



भारतीय प्रौद्योगिकी संस्थान भिलाई

जिला-दुर्ग, छत्तीसगढ़-491002

Indian Institute of Technology, Bhilai

Dist.- Durg, Chhattisgarh - 491002

Website: www.iitbhillai.ac.in

GSTN: 22AABA10415K1Z7

Date: 26-06-2024

CORRIGENDUM-2

This is in reference to the tender no. IITBh/Goods/Phy/2024-25/005 Dated: 27/05/2024 for “Supply and Installation of Inverted Fluorescence Microscope at IIT Bhilai”.

Following amendments has been made on the tender:

| S.No. | Page No./Section Features/ (Clause) | Existing specifications | (To be read as) Modified specifications |
|-------|--------------------------------------|--|--|
| 1. | Page No.13, Item 1. Microscope Stand | <p>a. Inverted Design with transmitted light (BF & PH) and fluorescence with touch screen on the microscope body. Buttons on the left and right side for controlling the aperture diaphragm, Field diaphragm, switching between light source, focus etc. with freely programmable buttons.</p> <p>a. minimum infinity port (100% visual/ 0% camera) for mounting optical devices/camera.</p> <p>b. Tilttable coded manual transmitted light axis with field diaphragm.</p> | <p>a. Inverted Design with transmitted light (BF & PH) and fluorescence with touch screen on the microscope body/or outside (remote) the body for control, with buttons on the microscope body. Buttons (freely programmable) on the left and right side for controlling the condenser and fluorescence turret., Field diaphragm, switching between light source, focus etc. with freely programmable buttons.</p> <p>The touch screen must be capable of showing the current state of all the key parameters and buttons to control them.</p> <p>b. Minimum two infinity ports (100% visual/- 0% camera and 100% Camera/-0% visual) for mounting optical devices/camera on microscope body. Ports should be coded/motorized</p> <p>c. Tilttable coded manual/software controlled transmitted light axis with field diaphragm.</p> |



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|----|--|---|---|
| 2. | Page No.14, Item 9. Objectives | <p>a. 10x NA around 0.25 Plan Achromat or semi Apochromat type with minimum flatness of 20mm, PH1, W.D better than 6 mm</p> <p>b. 20x, NA around 0.35, Plan Achromat or semi Apochromat type, PH1/PH2, W.D better than 4 mm</p> <p>c. 40x, NA around 0.55, Plan Achromat or semi Apochromat type, PH1/PH2, WD better than 2 mm, preferred with CORRECTION COLLAR.</p> <p>d. 63x NA around 0.70, Plan Fluor/Semi Apochromat/Neofluotar , PH1/PH2, WD better than 1.5 mm, preferred with CORRECTION COLLAR.</p> | <p>a. 10x NA around 0.25 (or better) Plan Achromat or Plan Fluor or semi-Apochromat type with minimum flatness of 20 mm, PH1, W D better than 6 mm.</p> <p>b. 20x, NA around 0.35 (or better), Plan Achromat or Plan Fluor or semi Apochromat type, PH1/PH2, W.D better than 4 mm.</p> <p>c. 40x, NA around 0.55 (or better), Plan Achromat or Plan Fluor or semi Apochromat type, PH1/PH2, WD better than 2 mm, preferred with CORRECTION COLLAR.</p> <p>d. 60x or 63x NA around 0.70, Plan Fluor/Semi Apochromat/Neofluotar , PH1/PH2, WD better than 1.5 mm, preferred with CORRECTION COLLAR.</p> |
| 3. | Page No.14, Item 10. Observation tube | a. Trinocular tube, variable viewing angle 10°-40°. | a. Trinocular tube, variable viewing angle 5°-35° (± 5 degree is acceptable). |
| 4. | Page No. 11, SECTION-IV: GENERAL CONDITIONS OF CONTRACT (GCC): | <p>Point # 6 Training:</p> <p>Suppliers need to provide Free of Charge onsite training on applications and maintenance should be provided to at least 10 days for five persons by the certified company engineers</p> | <p>Point # 6 Training:</p> <p>Suppliers need to provide Free of Charge onsite training on applications and maintenance should be provided to at least 02 days by a certified company engineer.</p> |



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| 5. | Page 13, Item 5. Fluorescence Filter | Two filter cubes: UV/DAPI Long-pass, and one long-pass (allowing around 600 nm and above) | Two filter cubes: 1. One UV/DAPI Long-pass (400nm), and 2. One long-pass (allowing around 600/590 nm and above to objective/sample from Hg lamp in fluorescence mode). |
| Other mandatory conditions | | | |
| 6. | Page 15, Item 4. Other conditions | <p>a. The bidder must be either an OEM or an authorized dealer of the original manufacturer of the proposed equipment in India. In the case of an authorized dealer, the technical quote should contain a valid original certificate provided by the original manufacturer in the name of IIT Bhilai.</p> <p>b. The proposed supplier is expected to have supplied a similar microscope to at least 5 IIT or 8 other CFTIs/ national laboratories or 5 foreign universities with QS ranking less than 300. A list of such clients in the last eight years must be provided along with the contact person of the institute to whom the equipment has been supplied.</p> <p>c. During Technical Evaluation, the bidder should be able to demonstrate the same series/model in India or abroad. The acceptance</p> | <p>a. The bidder must be either an OEM or an authorized dealer of the original manufacturer of the proposed equipment in India. In the case of an authorized dealer, the technical quote should contain a valid original certificate provided by the original manufacturer in the name of IIT Bhilai.</p> <p>b. The proposed supplier is expected to have supplied a similar microscope to at least 5 IIT or 8 CFTIs/ national laboratories or 5 foreign universities with QS ranking less than 300. A list of such clients in the last eight years must be provided along with the contact person of the institute to whom the equipment has been supplied.</p> <p>c. During Technical Evaluation, the bidder should be able to physically demonstrate the same series/model in India or abroad. The acceptance in this regard should be mentioned in the Bid.</p> <p>d. Attractive discounts for an educational institution should be offered</p> |



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| | | <p>in this regard should be mentioned in the Bid.</p> <p>d. Attractive discounts for an educational institution should be offered</p> | |
| Section III: Eligibility and Qualification Criteria | | | |
| 1. | Page no. 9, point no. 2 | <p>2. The proposed supplier is expected to have supplied a similar microscope to at least 5 IIT or 8 other CFTIs/ national laboratories or 5 foreign universities with QS ranking less than 300. A list of such clients in the last eight years must be provided along with the contact person of the institute to whom the equipment has been supplied. The committee reserves the right to reject the technical bid if the condition is not satisfied.</p> | <p>2. The proposed supplier is expected to have supplied (in the last 10 years) a similar microscope to at least 5 IITs or 8 CFTIs/ national laboratories or 5 foreign universities/institutes with a QS ranking of less than 300. A copy of supply orders must be provided as proof. A list of users with contact details preferably with 2 end-user certificates with product feedback must be provided. The committee reserves the right to reject the technical bid if the condition is not satisfied.</p> |
| 2 | Page no. 9, | <p>The committee also recommends adding the following point as No. 3 in the eligibility criteria:</p> <p>The vendor must provide supporting documents (copies of research articles) showing that the equipment (similar model) has been cited in at least 5 research papers published in international journals in the last 10 years.</p> | |



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| Critical Dates | | |
|----------------|---------------------------------------|---------------------------------------|
| 1 | Bid Submission End Date 01-07-2024 | Bid Submission End Date 09-07-2024 |
| 2 | Bid Opening Date 02-07-2024 | Bid Opening Date 10-07-2024 |

This is issued after approval from competent authority.


कुलसचिव | Registrar
भा. प्रौ. सं. भिलाई, छत्तीसगढ़
IIT Bhilai, Chhattisgarh



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