



**SUPPLY & INSTALLATION
OF INVERTED MICROSCOPE AT
FAZAIA RUTH PFAU MEDICAL
COLLEGE'S RESEARCH CELL
PAF BASE FAISAL
KARACHI.**

TENDER DOCUMENTS

INTRODUCTION

Name of Firm	
Address & Contact Number	
CNIC/NTN No.	
GST No.	
Tender applied for	

Signature of the Bidder: _____

Stamp of Bidder: _____

ADVERTISEMENT



FAZIA RUTH PFAU MEDICAL COLLEGE
PAF BASE FAISAL, KARACHI



SUPPLY & INSTALLATION OF INVERTED MICROSCOPE

Fazaia Ruth Pfau Medical College, Karachi invites sealed proposal (inclusive tax) of inverted microscope (Infinity Optical System) for our medical research purposes;

Specification and detail terms & conditions can be downloaded from Fazaia Ruth Pfau Medical College, Karachi website www.frpmc.edu.pk

Submission deadline: Friday, February 27, 2026

Address: Principal Secretariat, Fazaia Ruth Pfau Medical College, PAF Base Faisal, Main Shahra-e-Faisal, Karachi-74350.

Tel: 021-34604701, Mobile: 0321-2825799

Email: info@frpmc.edu.pk

Fazaia Ruth Pfau Medical College invites **sealed proposals (inclusive tax)** from reputable, registered and experienced firms/suppliers for the **supply and installation of an Inverted Microscope with Wi-Fi Camera System** for academic and research purposes.

1. Equipment Required

Item: Inverted Microscope with Wi-Fi Camera & Imaging System

2. Minimum Technical Specifications

Microscope System

- Optical System: Infinity Optical System
- Observation Methods: Brightfield, Emboss Contrast
- Illumination: High-luminance white LED with built-in Fly Eye lens
- Viewing Tube: 45° inclined, Pupillary distance 50–75 mm, Siedentop type
- Camera Port: Eyepiece/Port 100/0:0/100
- Eyepiece: 10X (FOV 22 mm)

Focusing System

- Nosepiece movement focusing
- Manual stroke: Up 7 mm / Down 1.5 mm or better
- Coarse stroke: 37.7 mm/rotation
- Fine stroke: 0.2 mm/rotation
- Adjustable coarse motion torque

Mechanical Components

- Quintuple nosepiece or better
- ELWD Condenser (NA 0.3, WD 75 mm or better)
- Emboss contrast sliders for condenser and tube
- Mechanical stage (optional): 126 (X) × 78 (Y) mm travel
- Universal holder for Terasaki plate, slides, dishes (φ35–65), hemocytometer
- Acrylic stage ring

Objectives

- Achromat 4X (NA 0.10, WD 30 mm)
- Achromat 10X (NA 0.25, WD 7 mm)
- Achromat LWD 20X (NA 0.40, WD 3.8 mm)
- Achromat LWD 40XC (NA 0.55, WD 2.7–1.7 mm, Corr. 0–2.0 mm)

Camera & Imaging System

- CMOS Camera \geq 17 MP (17.7 MP or higher)
- Resolution: \geq 4864 × 3648 pixels
- HDMI monitor output
- Remote PC imaging via Wi-Fi
- C-mount 0.63X or 0.55X
- Features: White balance, Auto & Manual exposure, Image acquisition
- Complete Imaging Software Package included.

3. Eligibility Criteria

Bidders must:

- Be registered with **Income Tax and Sales Tax** authorities
- Provide **company profile and relevant experience**
- Provide **after-sales service and warranty support**

4. Tender Details

- Tender documents can be obtained from our website www.frpmc.edu.pk
- Bid submission deadline: **Friday, 27th February 2026**
- Late or incomplete bids will **not** be entertained.

5. Terms & Conditions

- FRPMC reserves the right to accept or reject any or all bids.
- Delivery & installation must be completed within the specified time.

6. Contact Information

Principal Secretariat, Fazaia Ruth Pfau Medical College, PAF Base Faisal, Main Shahra e Faisal, Karachi-74350.

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