



अखिलभारतीय आयुर्विज्ञान संस्थान, गोरखपुर  
All India Institute of Medical Sciences, Gorakhpur  
(स्वास्थ्य एवं परिवार कल्याण मंत्रालय भारत सरकार द्वारा स्थापित एक स्वायत्त निकाय)

(An autonomous organization under the Ministry of Health & Family Welfare, Govt. of India)

Ref. no: - AIIMS/GKP/Admin/2022-23/5354

dated: 07.03.2023

**Subject: Procurement of Semi Rigid Thoracoscope Video System for Deptt of Pulmonary at AIIMS Gorakhpur on proprietary basis.**

The Department of Pulmonary AIIMS Gorakhpur is going to procure Semi Rigid Thoracoscope Video System for Deptt. of Pulmonary at AIIMS Gorakhpur on proprietary basis from OLYMPUS MEDICAL SYSTEMS INDIA PRIVATE LIMITED. Having address Ground Floor, Tower-C, SAS Tower, The Medicity Complex, Sector – 38, Gurugram- 122001, Haryana, INDIA for Semi Rigid Thoracoscope Video System.

Above mention documents are being uploaded for open information to submit their objections comments, if any from any manufacturer regarding proprietary nature of the above said keys within 07 days from the date of issue /uploading of the notification above given reference no.

The comments should be received by office of administrative officer, Medical College at AIIMS, Gorakhpur on or before 15th March. 2023 up to 17:00 Hrs. failing which it will be presumed that any other vendor is having no comment to offer and case will be decided on merits.

S/D  
Bhupesh Chandra  
Administrative officer  
AIIMS Gorakhpur

Enclosure

1. PAC certificate from OLYMPUS MEDICAL SYSTEMS INDIA PRIVATE LIMITED

# OLYMPUS

Date: 28<sup>th</sup> Nov 2022

Ref No: OMSI/22-23/4580

To  
The Executive Director  
AIIMS Gorakhpur  
Kunraghat, Gorakhpur,  
Uttar Pradesh - 273008

Sub: Proprietary Article Certificate for Olympus Semi Rigid Thoracovideoscope  
(Model :LTF-H290 )

Dear Sir,

This is to certify and confirm that "Olympus Semi Rigid Thoracovideoscope (Model: LTF-H290 )" which has a capability of moving distal tip Up and Down ( 180/130 degree ) directions with High Definition image quality , having Narrow Band Imaging technology ( NBI ) along with large 3.0 mm working channel incorporated is being solely manufactured by M/s. Olympus Corporation having its manufacturing office at 2951, Ishikawa-Cho Hachioji-shi, Tokyo 192-8507, Japan.

Olympus Semi Rigid Thoracovideoscope (Model: LTF-H290) with above mentioned features and specification is Proprietary product of Olympus Corporation, Japan.

Yours sincerely

Thanking you,

For M/s Olympus Medical Systems India Pvt Ltd



( Authorised Signatory )



**OLYMPUS MEDICAL SYSTEMS INDIA PRIVATE LIMITED.**

Ground Floor, Tower-C, SAS Tower, The Medicity Complex, Sector - 38, Gurugram- 122001, Haryana, INDIA  
Tel.: 0124-4999191, Fax: 0124-4999190 | Website: [www.olympusmedical.co.in](http://www.olympusmedical.co.in) | CIN: U33110HR2009FTC039611

## Technical Specifications for Semi Rigid Thoracoscope Video System

### System Consists of:

- 1) Semi-Rigid Medical Thoracoscope
- 2) Video Processor & Light Source
- 3) 32-inch 4K monitor
- 4) Trolley
- 5) Hardware & Software (Latest Laptop, Image Grabbing Software, Printer) for report Generation
- 6) Scope cabinet

### 1) Pleura Videoscope (Semi-Rigid) :

- Lighter and possess high-definition image quality.
- Fully immersible in disinfectant solution.
- Should be equipped with special detection technology for enhancing visibility of blood capillaries & mucosa.
- Four or more no. of remote-control switches on control body.
- Field of view should be 120 degree or more
- Direction of view should be 0-degree, forward viewing
- Depth of field should be 7 to 100 mm or better
- Distal end outer diameter should be 7.3 mm or less
- Rigid section outer diameter should be 7.0 mm or less
- Tip Bending range should be Up 180 deg, down 130 deg & more
- Working length should be 270 mm or more
- Channel inner diameter should be 3.0 mm or more
- Should be supplied with Flexible Trocars & Biopsy Forceps (5 No. each)

### 2) Video Processor with LED light source:

- Video processor should have Integrated light source with 5 LED Spectrum Technology inclusive of Amber LED to improve red color reproduction in White-Light Imaging and improve deep vessel visibility in the RDI Mode
- Should have real time optical enhancement like NBI (Narrow Band Imaging) Technology to determine potential histology and confirm lateral extent for all indications.
- Should have technology for identifying bleeding points and underlining deep vessels during therapeutic procedures - RDI (Red Dichromatic Imaging)
- Should have texture enhancement technology for optimization of structure, color tone and brightness of the mucosal surface for early cancer detection
- Should have technology to adjust brightness of darker areas so that more and far can be seen during endoscopy.



Handwritten signature and initials, possibly 'AS' or 'ASim', with a circular mark above the signature.

- Should have full screen mode, the endoscopic image should cover the entire monitor screen, which allows the bronchoscopist to observe with Higher Magnification power
- Video processor should have digital 12G-SDI output for 4K, 3G-SDI and HD-SDI output for UHD image and should contain electronics for clear visibility of near and far objects
- Provision of VBS composite video output function
- Equipped With High-Definition HDTV imaging capacity
- Provision of Portable memory and USB slot for still image recording
- Provision of automatic IRIS control and white balance free function
- Provision of Picture in picture display both SD & HD input options and index function ability
- Equipped with automatic halving of Light brightness when the scope is kept idle for more time, so that it makes the endoscopic room more comfortable for medical staff & patients
- Equipped with touch screen interface for accessing the processor settings

**3) 32 Inch 4K Monitor from same make:** Should have following specifications

- 32-Inch with LED Backlit medical grade monitor with 4K UHD resolution from same make for better visualization leading to early cancer detection and treatment effective.
- Should be compatible with The Advanced Image Multiple Enhancer (A.I.M.E.™) technology
- Should be compatible to route 4K/HD video signals via a single 12G-SDI output
- Should have multiple display modes such as Picture-in-Picture (PIP) and Picture-out-Picture (POP) display modes
- Should have CLONE OUT function to duplicate the 4K/HD video signals as displayed on the screen, including PIP/POP to a second monitor, or recording device
- Variety of video signal inputs such as 12G-SDI, HDMI, & 3G-SDI should be available
- Ergonomic design
- Certified from IEC 60601-1
- Intuitively operable control panel with LED lighting navigation

**4) System Trolley with built-in Transformer**

- Space to accommodate all equipment
  - Should have a Scope Hanger
  - Should have inbuilt transformer
  - Based on Castor-Wheel with locking facility
  - Should be from same OEM & brochure should be provided along

**5) Hardware & Software (Latest Laptop, Image Grabbing Software, Printer) for report Generation**

Computer / Laptop

- Processor i7 or better.
- Hard Disk 500 Gb or more with 2TB external HDD
- 19" LCD /LED monitor.
- Mouse & Multimedia keyboard. Should be supplied
- Medical grade 4K Software to record and edit high quality video and images.
- Colour Inkjet printer
- UPS with appropriate rating, if required

**6) Scope cabinet /Almirah**

- Should be supplied with Scope cabinet for storage of scopes

**Note :**

- Equipment should have USFDA / European CE / BIS approved
- Bidder should have State of Art Service Facility in India for all major repairs
- The Firm ensures warranty of 5 years and CMAC for 5 years on the Equipment Set



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