



# अखिल भारतीय 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)

No.: AIIMS/GKP/Admn/1475/2025-26

Date: 22.08.2025

Comp: 1368

**Subject: Proposal for the procurement Endoscopic USG System With video processor for Deptt of Gastroenterology AIIMS Gorakhpur.**

The Deptt of Gastroenterology AIIMS Gorakhpur is going to procure Endoscopic USG System With video processor Make: Olympus Medical Systems Pvt. through the authorized Dealer M/s Puri International as per Authorization letter enclosed with letter from Manufacturers.

2. The above-mentioned document is being uploaded for open information to submit their objections comments, if any firm any manufacturer regarding proprietary nature of the equipment/ accessories/ item within 14 days from the date of issue/ uploading of the notification.

3. The comment should be address to office of Administrative Officer, at AIIMS, Gorakhpur on or before 06<sup>th</sup> sept 2025 up to 17:00 Hrs. Email: [procurementcell@aiimsgorakhpur.edu.in](mailto:procurementcell@aiimsgorakhpur.edu.in) failing which it will be presumed that there no comments to offer and case will be decided on merits.

SD  
Administrative officer  
AIIMS Gorakhpur

**Technical Specifications for add on Endoscopic Ultrasound on compatibility basis with existing  
Installed Video Endoscopic system**

**1) Add on Ultrasound Processor**

- Compact and easily transportable one cart System/Unit, ease to move on trolley.
- Should have SWQ for absolute value of tissue stiffness within a region of interest.
- Ultrasonic Processor should provide color doppler, Power doppler and H-flow for effective confirmation of blood flow, Pulse wave, B Mode, color flow.
- Should have Tissue Harmonic function and Elastography function available to confirmation of relative thickness of tissue to confirm the possibility of malignancy.
- Should have Elastography with i-ELST function, strain ratio & strain histogram.
- Should have Shear-wave quantification (SWQ) feature. SWQ (Software Options) Calculates and displays transmission speed and elasticity of shear wave in ROI.
- Should have S-focus/ E focus function for full range focusing eliminating Manual focus adjustment.
- The processor should be integrated for electronic and mechanical scanning
- Should have capacity to record at least 1 minute to 3 minutes video with its retrieval. Should have facility for contrast EUS
- Should have capacity to record at least 1 minute to 3 minutes video with its retrieval.
- Option to choose frequency range: 5-12 MHz, by self or by adding compatible system. Dedicated and user-friendly keyboard.
- Generated frequency range: Preferably up to 20 MHz
- The keyboard should have a large LCD touch panel that allows a greater range of functions to be displayed at one time, backlit keys, and a trackpad/ trackball for ease of use and cleaning.
- Retrieve Image through USB port to record.
- GAIN, contrast and STC functions for adjustment of image.
- Should have LE reduction function to intensive signals.
- Should have combined contrast harmonic & tissue harmonics mode (C-THE)
- Should have persistence mode for 3D image smoothing.
- Should have Cine Memory of storing more than 1500 frames.
- Quoted processor should be fully compatible with the installed Olympus Video system model CV-190 & CLV-190 video processor and light source having real time optical enhancement technology
- 2KVA isolation transformer should be provided to protect the Ultrasound Processor against electric surge, and should be supplied with Trolley and 26 inch Monitor screen.
- Quoted processor should have optional software to upgrade in future.

**2) Add on Ultrasonic Video Gastro Endoscope Linear:**

Should have following technical Specifications/features:

- Should have high resolution quality Endoscopy image.
- Should have EUS images with four or more selectable frequencies from 5-12 MHz.
- Should have Color Doppler, Power Doppler for effective confirmation of blood flow, should have Pulse Wave Doppler, H-Flow mode, B-Mode and ELST mode with Strain Ratio & Strain Histogram
- Should have 4 or more remote switches in scope the control body for frequently calling desired functions such as Freeze and unfreeze.
- Should have lens cleaning function for keeping the endoscopic field of view clear.

डा० सौरभ केडिया / Dr. Saurabh Kedia  
अतिरिक्त प्रोफेसर, एम.डी., डी.एम. / Additional Professor M.D., D.M.  
गastroenterology विभाग / Department of Gastroenterology  
अखिल भारतीय आयुर्विज्ञान संस्थान, गोरखपुर-273008  
All India Institute of Medical Sciences, Gorakhpur-273008

डा० अशुतोष प्रसाद त्रिपाठी / Dr. Ashutosh Prasad Tripathi  
सहायक प्रोफेसर, एम.डी., डी.एम. / Assistant Prof., M.D., D.M.  
हृदय रोग विभाग / Department of Cardiology  
अखिल भारतीय आयुर्विज्ञान संस्थान, गोरखपुर-273008  
All India Institute of Medical Sciences, Gorakhpur-273008

Dr. Pramod K. Garg  
Professor & Head  
Department of Gastroenterology & HNU  
All India Institute of Medical Sciences

Dr. DEEPAK GUNJAN, MD, DM  
Additional Professor  
Department of Gastroenterology & Human Nutrition Unit  
All India Institute of Medical Sciences  
Ansari Nagar, New Delhi-110029



- The distal end should have a short rigid portion for less trauma to the patient.
- Video scope should have therapeutic capability for fine needle aspiration and fine needle biopsy
- EUS scope should be fully immersible for thorough cleaning
- Should have built in CCD at Tip and Real time optical enhancement technology.
- Should have compatibility with SWQ (shear wave quantification) feature provided in the EUS processor
- Should have detachable Ultrasound cable for easier handling, reprocessing & storage.
- Should have Tissue Harmonic function for enhanced EUS image.
- Should be fully compatible with installed Olympus Video system model CV-190 & CLV-190 video processor and light source for Endoscopic Images
- Depth of Field: 3-100mm
- Scanning Method: Electronic curved linear array
- Frequency Range Electronic probes: 5 to 12 MHz
- Scan Range: 180 degree or better
- Field of view: 100 degree or more
- Direction of view: 55 degrees Forward oblique
- Insertion tube outer diameter: 12.6 mm or less
- Distal end outer diameter: 14.6 mm or less
- Instrument channel diameter: 3.7 mm or more
- Angulation Range: UP/Down 130/90 degree or more, Right & Left 90/90 degree or more
- Work Length: 1250 mm or more.
- Total Length: 1550 mm or more.
- Minimum Visible Distance: 6mm or less
- Should be supplied along with Leakage Tester & carrying case

### 3) Add on Ultrasonic Video Gastro Endoscope Radial:

Should have following technical Specifications/features:

- Should have 360-degree Electronic radial scanning and offer good quality, greater safety and enhanced ease of use.
- Should have EUS images with four or more selectable frequencies from 5-12 MHz.
- Should have Color Doppler, Power Doppler for effective confirmation of blood flow, should have Pulse Wave Doppler, H-Flow mode, B-Mode and ELST mode ELST mode with Strain Ratio & Strain Histogram
- EUS scope should be fully immersible for through cleaning and should have detachable ultrasound cable.
- Should have lens cleaning function for always keeping the endoscopic field of view clear.
- Should have short distal end diameter for easy maneuverability in Duodenum.
- Should have Slim outer diameter for smooth insertion in to throat & P-ring.
- Should have compatibility with Shear wave Quantification to check liver fibrosis in B Mode and Elastography mode
- Should have 4 or more remote switches in scope the control body for frequently calling desired functions such as Freeze and unfreeze.
- Should have detachable Ultrasound cable for easier handling, reprocessing & storage.
- Should have D-Cut design Distal end for easy removal of balloon band and to prevent damage to the distal end
- Should have Tissue Harmonic functions for enhanced EUS image.

डा० सौरभ केडिया / Dr. Saurabh Kedia  
अतिरिक्त आचार्य एम० डी०, डी० एम० / Additional Professor M.D., D.M.  
गैस्ट्रोएन्टेरोलॉजी विभाग / Department of Gastroenterology  
अखिल भारतीय आयुर्विज्ञान संस्थान, गोरखपुर-273008  
All India Institute of Medical Sciences, Gorakhpur-273008

डा० अशुतोष प्रसाद त्रिपाठी / Dr. Ashutosh Prasad Tripathi  
सहायक आचार्य एम० डी०, डी० एम० / Assistant Prof., M.D., D.M.  
हृदय रोग विभाग / Department of Cardiology  
अखिल भारतीय आयुर्विज्ञान संस्थान, गोरखपुर-273008  
All India Institute of Medical Sciences, Gorakhpur-273008

Dr. DEEPAK GUNJAN, MD, DM  
Additional Professor  
Dept. of Gastroenterology & Human Nutrition Unit  
All India Institute of Medical Sciences  
Ansari Nagar, New Delhi-110029

Dr. Ramod K. Garg  
Professor & Head  
Department of Gastroenterology & HNU  
All India Institute of Medical Sciences



- Should have an optimal design for easy insertion and removal of the balloon
- Video scope should have an instrument channel.
- Depth of Field (view): 3-100mm
- Scanning Method: Electronic Radial array
- Frequency Range Electronic probes: 5 to 12 MHz
- Scanning Range: 360 degree
- Field of view: 100 degree or more
- Direction of view: 50 degree forward oblique.
- Insertion tube outer diameter: 10.9 mm or less
- Distal end outer diameter: 13.4 mm or less
- Instrument channel diameter: 2.2 mm or more
- Angulation Range: UP/Down -130/90 degree or more, Right / Left- 90/90 degree or more
- Work Length: 1250 mm or more.
- Total Length: 1550 mm or more.
- Minimum Visible Distance: 5mm or less
- Contact Method: Balloon method
- Should be supplied along with Leakage Tester & carrying case

**ACCESSORIES (from the same manufacturer)**

- a) EUS needles should be nitinol: FNA 22G - 20 Nos., FNAB: 20 no.; 19G - 10 nos ..  
Extra water bottles: 2
- b) Balloons: 20 Nos. extra each for radial and linear scope.
- c) Biopsy channel rubber valves (10 Nos.) extra each for radial and linear scope
- d) A/W valves - 02 Nos. extra each for radial and linear scope
- e) Suction Valves - 02 Nos. extra each for radial and linear scope

Should also provide 1 CO2 insufflator and flushing pump of the same manufacturer.

Should provide 1 endoscopic cabinet for proper storage of scopes

The company should provide free of cost upgradation to the updated version of Endoscopic Ultrasound Processor if it is launched in the Indian Market within 1 year of date of delivery.

Should provide a computer with minimal following configuration

1. Processor-core i5 or better and with processor speed of 3 GHz or higher
2. Internal Hard disk-500 GB or more
3. Additional portable external hard disk-500 GB or more
4. RAM-4GB or more
5. Monitor-19 or larger, LCD
6. Keyboard, Mouse
7. Ink tank color printer with facility of scanning and copying
8. Licensed software-Windows 7 or newer
9. The system should include an UPS with power back up for 30 minutes or more

**General requirements :-**

- The company should give 5 years comprehensive warranty (CMC) with labour and spares. The company should quote for additional 5 years CAMC. Please mention the cost of spares for the CAMC period for 6th-10th year.

डा० सौरभ केडिया / Dr. Saurabh Kedia  
अतिरिक्त आचार्य एम० डी०, डी० एम० / Additional Professor M.D., D.M.  
गैस्ट्रोएन्टेरोलॉजी विभाग / Department of Gastroenterology  
अखिल भारतीय आयुर्विज्ञान संस्थान, गोरखपुर-273008  
All India Institute of Medical Sciences, Gorakhpur-273008

डा० आशुतोष प्रसाद त्रिपाठी / Dr. Ashutosh Prasad Tripathi  
सहायक आचार्य एम० डी०, डी० एम० / Assistant Prof., M.D., D.M.  
हृदय रोग विभाग / Department of Cardiology  
अखिल भारतीय आयुर्विज्ञान संस्थान, गोरखपुर-273008  
All India Institute of Medical Sciences, Gorakhpur-273008

डॉ. प्रमोद क. गार्ग / Dr. Pramod K. Garg  
प्रोफेसर & हेड  
विभाग गैस्ट्रोएन्टेरोलॉजी & हनु  
अखिल भारतीय आयुर्विज्ञान संस्थान, नई दिल्ली-110029  
New Delhi -110029

डॉ. DEEPAK GANJAN, MD, DM  
अतिरिक्त प्रोफेसर  
विभाग गैस्ट्रोएन्टेरोलॉजी & हनु  
अखिल भारतीय आयुर्विज्ञान संस्थान, नई दिल्ली-110029  
Ansari Nagar, New Delhi-110029



- A certificate should be given by the supplier that the instrument has not been supplied at a rate elsewhere lower than the rate quoted in the tender. If it is found to be so then the difference will be recovered from the supplier along with penal interest.
- There will be a 2-bid system i.e. technical and financial
- The company may be asked for a technical demonstration before opening the financial bid and its bid may be rejected on technical grounds.
- The quality should be BIS/ISO/CE-European/USFDA approved.

डा० सौरभ केडिया / Dr. Saurabh Kedia  
अतिरिक्त आचार्य एम० डी०, डी० एम० / Additional Professor M.D., D.M.  
गैस्ट्रोएन्टेरोलॉजी विभाग / Department of Gastroenterology  
अखिल भारतीय आयुर्विज्ञान संस्थान, नोएडा-273008  
All India Institute of Medical Sciences, New Delhi-273008

डा० अशुतोष प्रसाद त्रिपाठी / Dr. Ashutosh Prasad Tripathi  
सहायक आचार्य एम० डी०, डी० एम० / Assistant Prof., M.D., D.M.  
हृदय रोग विभाग / Department of Cardiology  
अखिल भारतीय आयुर्विज्ञान संस्थान, नोएडा-273008  
All India Institute of Medical Sciences, Gurgaon-273008

 Dr. DEEPAK GUNJAN, MD, DM  
Additional Professor  
Dept. of Gastroenterology & Human Nutrition Unit  
All India Institute of Medical Sciences  
Ansari Nagar, New Delhi-110029

Dr. Pramod K. Garg  
Professor & Head  
Department of Gastroenterology & HNU  
All India Institute of Medical Sciences  
New Delhi -110029

Date: 25<sup>th</sup> February 2025

Ref No: OMSI/24-25/TR-004083

To,  
The Executive Director  
All India Institute of Medical Sciences  
Gorakhpur, U.P

Sub: Compatibility cum Proprietary Article Certificate for Olympus Endoscopic Ultrasound model EU-ME3 and Linear Ultrasound Scope Model: GF-UCT180 and Radial Ultrasound Scope Model:GE-UE190 with existing & installed Olympus Video Processor (Model: CV-190) and Olympus Xenon Light Source (Model: CLV-190) in the department of Gastroenterology AIIMS Gorakhpur.

Dear Sir,

We, M/s Olympus Medical Systems India Pvt. Ltd. having our registered office at Ground Floor, Tower-C, SAS Tower, The Medicity Complex, Sector-38, Gurugram – 122001, Haryana, is subsidiary of M/s Olympus Corporation, Japan who are established and reputable manufacturers of the above said equipment having their office at 2951, Ishikawa- Cho, Hachioji-shi, Tokyo 192-8507, Japan.

This is to certify and confirm that Olympus Endoscopic Ultrasound model EU-ME3 having shear wave technology, along with Linear Ultrasound Gastroscope Model GF-UCT180 and Radial Ultrasound Scope model GF-UE190 are proprietary models of Olympus Corporation, Japan and are fully compatible with existing and Installed Olympus Video Processor (Model: CV-190) and Olympus Xenon Light Source (Model: CLV-190) in the department of Gastroenterology. No other make Ultrasound Processor, Linear scope and Radial scope are compatible with installed Video endoscopy system in the department of Gastroenterology.

We, further state the above-mentioned model of Liner Ultrasound Gastroscope Model GF-UCT 180 and Radial Ultrasound Scope model GF-UE190 having share wave quantification technology which is compatible with Endoscopic Ultrasound model EU-ME3.

For any query/Clarification, kindly contact

- Robin Kaul: 9810431519
- Email id: robin.kaul@olympus.com

Thanking you,

For M/s. Olympus Medical Systems India Pvt. Ltd.

**OLYMPUS MEDICAL SYSTEMS INDIA PRIVATE LIMITED.**

Ground Floor, Tower-C, SAS Tower, The Medicity Complex, Sector – 38, Gurugram- 122001, Haryana, INDIA

Date: 25<sup>th</sup> February 2025

Ref No: OMSI/24-25/TR-004083

**Authorisation Form**

To,  
The Executive Director,  
All India Institute of Medical Sciences  
Gorakhpur, U.P

Sub: Procurement of add on Olympus Endoscopic Ultrasound model EU-ME3 with Linear Ultrasound Scope Model GF-UCT180 and Radial Ultrasound model GF-UE190 compatible with existing installed Video Processor (Model: CV-190) and Xenon Light Source (Model: CLV-190) in the department of Gastroenterology

Dear Sir,

We, M/s Olympus Medical Systems India Pvt. Ltd. having our registered office at Ground Floor, Tower- C, SAS Tower, The Medicity Complex, Sector-38, Gurugram – 122001, Haryana is subsidiary of M/s Olympus Corporation, Japan who are established and reputable manufacturers of the above said equipment having their office at 2951, Ishikawa- Machi, Hachioji-shi, Tokyo 192-8507, Japan.

1. We do hereby authorize Messrs. Puri international, having their registered office at 17, Gopal Nagar, Near Krishna Nagar, P.O. Manas Nagar, Lucknow-226 023 (U.P.) to submit a bid, process the same further and enter into a contract with you against your requirement as contained in the above referred TE documents for the above goods manufactured by our principal company.
2. No company or firm or individual other than Messrs. Puri international is authorized to bid, negotiate, and conclude the contract regarding business against the specific enquiry.
3. The after Sales Services including Warranty, CMC would be handled directly by Olympus Medical Systems India Pvt Ltd. The subsequent performance Bank Guarantee would be submitted by Olympus Medical Systems India Pvt Ltd.

The authorization is valid up to the above referred Enquiry only.

Thanking you,

For M/s. Olympus Medical Systems India Pvt. Ltd.

**OLYMPUS MEDICAL SYSTEMS INDIA PRIVATE LIMITED.**

Ground Floor, Tower-C, SAS Tower, The Medicity Complex, Sector – 38, Gurugram- 122001, Haryana, INDIA