



भारत सरकार/Government of India
स्वास्थ्य और परिवार कल्याण मंत्रालय/ Ministry of Health and Family Welfare
प्रधानमंत्री स्वास्थ्य सुरक्षा योजना/PMSSY
अखिल भारतीय आयुर्विज्ञान संस्थान/All India Institute of Medical Sciences
मंगलगिरि, आंध्र प्रदेश/Mangalagiri, Andhra Pradesh

www.aiismangalagiri.edu.in

Ref: AIIMSM-ADMN/PROC/2025/Pediatrics– Procurement AIIMS MG

Date: 03-12-2025

Call for Objection

Subject: Inviting comments/objection, if any before declaring proprietary article for procurement of “**Fiber Optic Video Bronchoscope**” for the Department of **Pediatrics**, AIIMS Mangalagiri.

Pediatrics Department, AIIMS Mangalagiri has to procure “**Fiber Optic Video Bronchoscope, Qty -01 No**” through **Proprietary Article** basis.

The proposal submitted by **M/s. Olympus Medical Systems India Private Limited**, Ground Floor, Tower-C, SAS Tower, The Medicity Complex, Sector-38, Gurugram-122001, Haryana is the subsidiary of **Olympus Corporation, Japan**, is the sole manufacturer/agents of the **Fiber Optic Video Bronchoscope**. Similar items manufactured by other firms(s) shall not be suitable for our purpose who are established and reputable manufacturer of this item along with Proprietary Article Certificate are attached & uploaded on Institute website.

The above documents are being uploaded for open information to submit objections, comments if any from any manufacturer/supplier before declaring proprietary article of the said equipment/items to be procured, within **10 days** (i.e. **13-12-2025**) from the date of issuance/uploading of the notification.

The objection should be raised in the technical compliance sheet as enclosed in **Annexure-I**, if any Firm claiming suitability of their product with respect to specification mentioned.

The comments should be sent to the office of Procurement Cell, Room no: 2151, Logistic block at AIIMS Mangalagiri in a sealed envelope with above reference on or before **13-12-2025 up to 05:00 PM** from the date of uploading on institutional website, failing which it will be presumed that any other manufacture/vendor is having no comment to offer and case will be decided on merits.

-Sd-

AAO (Procurement cum Stores)
AIIMS Mangalagiri

P-3 FORM

(To be attached with P-2 form for proprietary items)

AIIMS Mangalagiri

PROPRIETARY ARTICLE CERTIFICATE

It is certified that the item 'Pediatric Fiberoptic Video Bronchoscope', Make: "Olympus Medical Systems India Pvt. Ltd", Model: 'BFXP190', required in the P2 form, is a proprietary and unique product manufactured by Olympus Medical Systems India Pvt. Ltd. To the best of my knowledge M/S Olympus Medical Systems India Pvt. Ltd., Germany is the exclusive distributor of the product "Pediatric Fiberoptic Video Bronchoscope" for territory of India.

Similar items manufactured by other firms(s) shall not be suitable for our purpose for the following reasons:-

This product has the following unique features:

The bronchoscope should be a video bronchoscope to ensure good resolution of image suitable for use in infants and children in the Pediatric ICU. It should satisfy the following specifications:

1. Optical system

- 1.1. Field of view at least 110-120°
- 1.2. Depth of field 2-50 mm
- 1.3. Insertion tube outer diameter: less than 3.5 mm
- 1.4. The bronchoscope should go easily through an endotracheal tube of 3.5mm size.
- 1.5. Working length up to 600 mm
- 1.6. Instrument Channel inner diameter 1.2 mm or more
- 1.7. Bending section angulation range at least upto -180 degrees up, 130 degrees down
- 1.8. Insertion tube should have a rotation function to left and right
- 1.9. The following features are desirable / optional:
 - It should have real time chromo endoscopy for better diagnosis

2. Video Processor:

- 2.1. Compact, lightweight (not more than 10-12 kg) and ergonomically designed
- 2.2. Equipped with high resolution HDTV Imaging capacity.
- 2.3. Should have Brightness control: Automatic/ manual
- 2.4. Should have facility for color correction
- 2.5. Should have facility for image enhancement
- 2.6. Outputs: 1 x RGB, 2x Y/C (S-VHS), 1 x Composite (FBAS)
- 2.7. Should be fully digital system: combination of Digital Signal Processing, high definition CCD Chips and the latest digital video processors.
- 2.8. Video processor should have HDTV signal output

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All India Institute of Medical Sciences
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AIIMS, Mangalagiri

2.9. Electronic Magnification should be available on scope switch/keyboard

Button to enlarge the structures from 1.2 to 1.5X or more

2.10. Automatic IRIS control must be featured to reduce manual adjustment.

2.11. The following features are desirable / optional:

- Capable of storage up to 35 to 45 patient's data:
- Facility of USB port for portable memory to store still images
- Should have pre-freeze function to select the clear still image automatically

2.12. Light source

2.12.1. Must be powered with high intensity 300W Xenon short arc/

LED, ozone free lamp.

2.12.2. Should have automatic light adjustment to achieve the ideal illumination

2.12.3. Must be equipped with Emergency halogen light as standby.

3. Monitor:

3.1. Screen size should be in the range 24- 27-inch medical grade full HD

Panel

3.2. Resolution 1920x1080

3.3. Aspect ratio either 16:9 or 4:3 or 16:10.

3.4. Multiple Inputs Like: HD/SDI/C.RGB HD15.DVI

3.5. Viewing angle at least 170 degree or more

4. Endoscopy Trolley:

4.1. Trolley should be from same manufacturer or similar.

4.2. MS Trolley with Powder Coated

4.3. 4 Cluster wheels to move the trolley

4.4. Scope Hanger to hold the scope during the procedure

4.5. Provision to keep video processor and Monitor

4.6. Trolley should have attached power bottom and power sockets and

Attach power cords.

4.7. 5 KVA UPS with 15 min to 1-hour battery backup.

5. Endoscopic Software:

5.1. Software (Latest version) to transfer data from video processor to other computers.

5.2. Patient reporting software for HD quality recording and capture the still images during the procedure.

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[Signature]
26/8/25

5.3. Foot Switch and Image capture dongle should be provided along with the software

5.4. The software should have DICOM Facility

6. Accessories

6.1. Bronchoscopy brush -3 no.s

6.2. Bronchoscopy Dqrmia basket – 2 no.s

6.3. Bronchoscopy forceps-2 no.s

7. Desktop computer to transfer and store the images and videos should be provided

7.1. Should have a RAM of at least 8 GB

7.2. Should have 2 TB internal hard disk

8. Warranty, Installation & Service

8.1 The unit offered will require technical demonstration within the department.

8.2 Copies of purchase order along with terms and conditions of contract

Received from Govt/ Public Sector institution of repute in the last two ears for supply of the offered equipment must be enclosed with the price bid.

8.3 Price of the main unit and accessories to be quoted separately. (including GST)

8.4. **Warranty:** The bronchoscope, video processor and all accessories should be covered with comprehensive onsite warranty for five (5) years commencing from the date of issue of installation certificate.

8.5. Rates for comprehensive maintenance contract CAMC (including all spares and labour) for 5 years, after expiry of warranty period, must be quoted separately.

8.6. Company should have an established registered service centre with address and phone numbers at Vijayawada, Andhra Pradesh

8.7. The bidder should give an undertaking that a loaner scope will be provided as and when the scope requires any service to cover the breakdown period.

8.8. The bidder should enclose the original product data sheet, brochure and compliance sheet. Computer generated data sheet and brochure will not be accepted. The serial number of specifications must be indicated against the relevant portion of the compliance sheet and data sheet.

8.9. The installation should include product demonstration and training of all the relevant medical personnel in the department about using the equipment. The installation report will be accepted by the department only after satisfactory training is completed.

- Should provide 2 sets(hardcopy) of:-

1) User, technical and maintenance manuals to be supplied in english language along with machine diagrams;

2) List of equipment and procedures required for local calibration and routine maintenance;

Certificate of calibration and inspection if any

- Contact details of manufacturer, supplier and local service agent to be provided

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The above features are beneficial for teaching and learning purposes. To the best of my knowledge these features are not available in any other product

Sign of indenter

Designation

Department

Recommendation

Assistant Professor
Department of Pediatrics

Assistant Professor
Department of Pediatrics
AIIMS, Mangalagiri

Signature of Head of department / section

Professor & Head
Department of Pediatrics
All India Institute of Medical Sciences
Mangalagiri, Andhra Pradesh

N.B.: The indenter before recording the above certificate should satisfy himself that the goods are of pure nature, manufactured under patent laws.

OLYMPUS

Dated: 11th July 2025

Ref: OMSI/25-26/NV/TR-005159_1

To:
The Director
AIIMS Mangalagiri
MG Campus, Mangalagiri,
Guntur District, Andhra Pradesh, 522503

Sub : Proprietary Article Certificate for Ultra-Slim Video Bronchoscopy System with 3.1 mm outer diameter, 1.2 mm Instrument Channel and capability to move in left/right directions by 120 degree simply turning a ring on the videoscope.

Dear Sir,

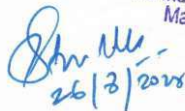
1. It is certified that, We Olympus Medical Systems India Private Limited having our registered office at Ground Floor, Tower-C, SAS Tower, The Medicity Complex, Sector-38, Gurgaon - 122 001, Haryana is subsidiary of Olympus Corporation, Japan having their office at 2951, Ishikawa-Machi, Hachioji-shi, Tokyo 192-8507, Japan who are the sole manufacturer of Ultra-Slim Video Bronchoscope (Model BF-XP190).
2. This is a proprietary product of Olympus Corporation. It is confirmed that no other firm is manufacturing this Ultra-Slim Video Bronchoscope (Model BF-XP190). This Model has unique and proprietary features like Insertion Tube Rotation Function 120 Deg Left/Right Direction, 3.1 mm Outer Diameter with 1.2 mm Instrument Channel. The Ultra slim Video Bronchoscope (BF-XP190) also has wider angulation range of 210deg up which supports smoother insertion to the upper lobe bronchi. The scope is compatible with NBI Imaging - The incorporated NBI mode, an optical image enhancement technology, improves the visualization of vessels on the mucosal surface.
3. The above product is presently being solely imported and marketed by M/s Olympus Medical Systems India Pvt Ltd, Ground Floor, Tower-C SAS Tower, The Medicity Complex, Sector-38, Gurgaon-122001 (Haryana) or through our Authorised Distributors in India.
4. The product is marketed in India under the brand name of Extremely Slim Video Bronchoscope to observe thinner Bronchi (Model BF-XP190).

Thanking you,

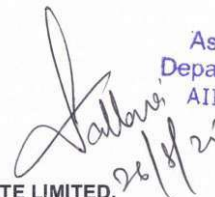
For M/s Olympus Medical Systems India Pvt. Ltd.


(Authorized Signatory)

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Mangalagiri, Andhra Pradesh.


26/3/2025

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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 | CIN: U33110HR2009FTC039611

Pediatric Flexible bronchoscope - Specifications

The bronchoscope should be a video bronchoscope to ensure good resolution of image suitable for use in infants and children in the Pediatric ICU. It should satisfy the following specifications:

1. Optical system

- 1.1. Field of view at least 110-120°
- 1.2. Depth of field 2-50 mm
- 1.3. Insertion tube outer diameter: less than 3.5 mm
- 1.4. The bronchoscope should go easily through an endotracheal tube of 3.5mm size.
- 1.5. Working length up to 600 mm
- 1.6. Instrument Channel inner diameter 1.2 mm or more
- 1.7. Bending section angulation range at least upto -180 degrees up, 130 degrees down
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 - It should have real time chromo endoscopy for better diagnosis

2. Video Processor:

- 2.1. Compact, lightweight (not more than 10-12 kg) and ergonomically designed
- 2.2. Equipped with high resolution HDTV Imaging capacity.
- 2.3. Should have Brightness control: Automatic/ manual
- 2.4. Should have facility for color correction
- 2.5. Should have facility for image enhancement
- 2.6. Outputs: 1 x RGB, 2x Y/C (S-VHS), 1 x Composite (FBAS)

Shruti
26/3/2022

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2.7. Should be fully digital system: combination of Digital Signal Processing, high definition CCD Chips and the latest digital video processors.

2.8. Video processor should have HDTV signal output

2.9. Electronic Magnification should be available on scope switch/keyboard

Button to enlarge the structures from 1.2 to 1.5X or more

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2.11. The following features are desirable / optional:

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LED, ozone free lamp.

2.12.2. Should have automatic light adjustment to achieve the ideal illumination

2.12.3. Must be equipped with Emergency halogen light as standby.

3. Monitor:

3.1. Screen size should be in the range 24- 27-inch medical grade full HD

Panel

3.2. Resolution 1920x1080

3.3. Aspect ratio either 16:9 or 4:3 or 16:10.

3.4. Multiple Inputs Like: HD/SDIY/C.RGB HD15.DVI

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4. Endoscopy Trolley:


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- 4.1. Trolley should be from same manufacturer or similar.
- 4.2. MS Trolley with Powder Coated
- 4.3. 4 Cluster wheels to move the trolley
- 4.4. Scope Hanger to hold the scope during the procedure
- 4.5. Provision to keep video processor and Monitor
- 4.6. Trolley should have attached power bottom and power sockets and
Attach power cords.
- 4.7. 5 KVA UPS with 15 min to 1-hour battery backup.


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- 5.3. Foot Switch and Image capture dongle should be provided along with the software
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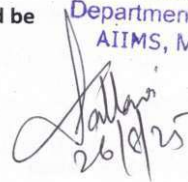
6. Accessories

- 6.1. Bronchoscopy brush -3 no.s
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7.1. Should have a RAM of at least 8 GB

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Certificate of calibration and inspection if any

● Contact details of manufacturer, supplier and local service agent to be provided

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[Signature]
26/3/2024

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SPECIFICATIONS

Objection should be submitted in following format:

S. no	Item specification as given	Specification offered by firm	Deviation if any	Remarks