



JAWAHARLAL INSTITUTE OF POST-GRADUATE MEDICAL EDUCATION & RESEARCH
(Institution of National Importance Under Ministry of Health & Family Welfare)
Government of India
Dhanvantari Nagar, Puducherry-605 006



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Purchase Section:0413-2296016

PURCHASE SECTION

No. Pur.12 (Proprietary)/2020-II

Dated: 25 FEB 2021

NOTE

Sub: Purchase of Pediatric Flexible Bronchoscope for the Department of Paediatrics, JIPMER on proprietary basis – Inviting comments thereon.

This Institute intends to purchase a **Pediatric Flexible Bronchoscope** for the Department of **Paediatrics**, JIPMER, manufactured by M/s. Olympus Corporation, Japan, from M/s. Olympus Medical Systems India Private Limited, Ground Floor, Tower-C, SAS Tower, The Medicity Complex, Sector – 38, Gurugram 122001, Haryana, India, who is an authorized representative of M/s. Olympus Corporation, Shinjuku Monolith, 3-1 Nishi-Shinjuku 2 – Chome, Shinjuku-ku, Tokyo 163-0914, Japan.

This purchase is intended to be made with the belief that this equipment is a proprietary product of its manufacturer and that no other company manufacturers equipment with the specifications laid down by the Institute (Annexure 1).

The documents on which this belief is based include:

1. A proposal submitted by M/s. M/s. Olympus Medical Systems India Private Limited, Gurugram on behalf of M/s. Olympus Corporation, Japan.
2. The Proprietary Article Certificate submitted by experts.
3. The Proprietary Article Certificate submitted by the manufacturer.
4. Technical Specifications

The above documents are being uploaded with this announcement for open information. Objections and comments, if any, regarding the proprietary nature of the equipment are invited from manufacturers of equipment similar to the one referred to in this notice, giving reference and date of this communication. The comments should be sent by E-Mail to purchase@jipmer.edu.in (Purchase Officer, Purchase Section, Administrative Block, JIPMER) within 30 days (i.e. on or before **26 MAR 2021** up to 04.00 PM), failing which it will be presumed that no other manufacturer makes similar equipment and the Institute will proceed with purchase of the above equipment on proprietary basis.

R. Adela

OFFICER IN-CHARGE OF PURCHASE

उपयोभारी अधिकारी (पर्यवेक्षक)
OFFICER INCHARGE (PURCHASE)
जिपमेर, पांडिच्चेरी - 605 006
JIPMER, PONDICHERRY - 605 006

Encl.: As above

OLYMPUS®

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

To whomsoever it may concern:

The BF-XP190 Broncho Videoscope system manufactured by Olympus Corporation can provide the user with extremely-slim-design videoscope having outer diameter of 3.1mm, insertion tube outer diameter 2.8mm with an instrument channel of 1.2 mm, wider up angulation range 210° and Insertion tube rotation function of 120° in left and right direction along with capability of optical enhancement technology NBI and these features make this product proprietary from Olympus Corporation, Japan.

To the best of our knowledge BF-XP190 Broncho Videoscope system is the only system with the features mentioned above and Olympus Corporation is the only manufacturer of such a commercially available system that offer these features.

The CV-190 Video Processor, CLV-190 Light Source, MB-155 Leakage tester are also proprietary products of the Olympus Medical and are essential for the system to function and no third-party substitute exists.

BC-203D-2006 Single use Cytology Brush, FB-56D-1 Biopsy Forceps, LMD-2735 Medical Grade Monitor, Trolley, Software with Dicom, computer system, 5KVA UPS the following products quoted are not proprietary products but are essential for the system to function.

Any third party manufactured item / any third party manufactured item validated by the manufacturer of the above-mentioned equipment can be used in their place.

For Olympus Medical Systems India Pvt. Ltd.

Authorized Signatory

Date : 26-10-2020



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11/10/2020

**JAWAHARLAL INSTITUTE OF POST-GRADUATE MEDICAL EDUCATION & RESEARCH
DHANVANTARI NAGAR, PONDICHERRY- 605006**

PROPRIETARY/SPECIFIC BRAND GOODS CERTIFICATE

1	Item Type/Model No. required along with specification	: Pediatric flexible bronchoscope (video bronchoscope with insertion tube outer diameter: less than 3.5 mm), Model: Olympus BF-XP190
2	Is the item a spare part attachment or accessory for an existing equipment	: No, It is a new equipment
3	Name of the manufacturers/Supplier of the item proposed by the indenter	: Olympus medical systems India P. Ltd
4	Are they sole manufacturers/ sold distributors of the item	: Yes
5	What is the unique function that is performed by this equipment that equipment manufactured by other manufacturers cannot perform.	: We require a bronchoscope which can be used in intubated infants in PICU. Most infants intubated in PICU for mechanical ventilation will be intubated with an endotracheal tube of size 3.5mm. Hence, we need a bronchoscope which can easily go through an endotracheal tube of 3.5 mm. We had made the specifications accordingly to satisfy our requirement. This is an absolutely essential requirement for our intended purpose of the bronchoscope
6	Is there any other item with similar/equivalent specification available in the market to meet the job requirement envisaged. If the answer is yes. Why the same can't be procured. Demanding Officer should bring out comparative functional advantage/cost effectiveness of the recommended item from these offered by other.	: No other manufacturer is having a similar video bronchoscope of insertion tube outer diameter less than 3.5 mm
7	What were the efforts made to locate alternative source of supply or use other substitutes	: We had carried out an open tender enquiry for this equipment. In the advertised tender in March 2020, among the three firms participated, only Olympus medical systems India P. Ltd has matched our specifications. Other two manufacturers do not have a video bronchoscope of insertion tube outer diameter less than 3.5 mm
8	Why open/limited tender can't be resorted to , for locating alternative source	: Open tender enquiry has been done (March 2020)
9	Are the proprietary items certified that the rates are reasonable or not.	: Rate shall be compared with other Government purchases of this item
10	Any other justification for procuring item from single source	: This equipment is absolutely essential for patient care. Currently we don't have a similar size flexible bronchoscope in our institute suited for small infants

The above mentioned information is provided by the firm

We Certify that the item at/Sr.No.1 above is required to be pursued on single tender basis as the source of supply is definitely known/ the specified brand proposed was advantages in meeting our functional requirements* and limited/open tender system could be dispensed with as they would serve no useful purpose in this particular case. To

Christina
4/12

S. S. Srinivasan
4.12.2020

NG
7/11/2020

No.PUR.12(TENDER)/2019-II[A-G]

Schedule(A)-21.

Technical Compliance - Paediatric Flexible Bronchoscope

Product : BF-XP190,CV-190,CLV-190,LMD-2735,MB-155,5KVA UPS, HD Software with DICOM, Trolley-			
S.No	Tender Specifications	Compliance	Remarks
1	Optical system:		
1.1	Field of view at least 110 -120°	Yes Complied.	
1.2	Depth of field 2-50 mm	Yes Complied.	
1.3	Insertion tube outer diameter: less than 3.5 mm	Yes Complied.	
1.4	The bronchoscope should go easily through an endotracheal tube of 3.5mm size.	Yes Complied.	With gelly scope can pass the 3.5mm ET Tube
1.5	Working length up to 600 mm	Yes Complied.	
1.6	Instrument Channel inner diameter 1.2 mm or more	Yes Complied.	
1.7	Bending section angulation range at least upto -180 degrees up, 130 degrees down	Up-210°& Down-130°	
1.8	Insertion tube should have a rotation function to left and right	Yes Complied.	120 deg left/Right
1.9	The following features are desirable / optional: • It should have real time chromo endoscopy for better diagnosis	Yes Complied.	
2	Video Processor:		
2.1	Compact, lightweight (not more than 10-12 kg) and ergonomically designed	Yes Complied.	
2.2	Equipped with high resolution HDTV Imaging capacity	Yes Complied.	
2.3	Should have Brightness control : Automatic / manual	Yes Complied.	
2.4	Should have facility for color correction	Yes Complied.	
2.5	Should have facility for image enhancement	Yes Complied.	
2.6	Outputs : 1 x RGB, 2x Y/C (S-VHS), 1 x Composite (FBA)	Yes Complied.	
2.7	Should be fully digital system: combination of Digital Signal Processing, high definition CCD Chips and the latest digital video processors.	Yes Complied.	
2.8	Video processor should have HDTV signal output	Yes Complied.	
2.9	Electronic Magnification should be available on scope switch/keyboard button to enlarge the structures from 1.2 to 1.5X or more	Yes Complied.	
2.1	Automatic IRIS control must be featured to reduce manual adjustment	Yes Complied.	
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	Yes Complied.	
2.12	Light source:		
2.12.1	Must be powered with high intensity 300W Xenon short arc/ LED, ozone free lamp.	300 W Xenon short arc	

2.12.2	Should have automatic light adjustment to achieve the ideal illumination	Yes Complied.	
2.12.3	Must be equipped with Emergency halogen light as sta	Yes Complied.	
3	Monitor:		
3.1	Screen size should be in the range 24- 27-inch medical grade full HD Panel	27 inch Medical Grade Full HD panel	
3.2	Resolution 1920x1080	Yes Complied.	
3.3	Aspect ratio either 16:9 or 4:3 or 16:10	Aspect ratio 16:9	
3.4	Multiple Inputs Like: HD/SDI,Y/C,RGB,HD15,DVI	Yes Complied.	
3.5	Viewing angle at least 170 degree or more	Viewing angle 178°	
4	Endoscopy Trolley:		
4.1	Trolley should be from same manufacturer or similar.	Indian Make Trolley	
4.2	MS Trolley with Powder Coated	Yes Complied.	
4.3	4 Cluster wheels to move the trolley	Yes Complied.	
4.4	Scope Hanger to hold the scope during the procedure	Yes Complied.	
4.5	Provision to keep video processor and Monitor	Yes Complied.	
4.6	Trolley should have attached power bottom and power sockets and attach power cords.	Yes Complied.	
4.7	5 KVA UPS with 15 min to 1-hour battery backup.	Will be Provided	
5	Endoscopic Software:		
5.1	Software (Latest version) to transfer data from video processor to other computers.	Yes Complied.	
5.2	Patient reporting software for HD quality recording and capture the still images during the procedure.	Yes Complied.	
5.3	Foot Switch and Image capture dongle should be provided along with the software	Yes Complied.	
5.4	The software should have DICOM Facility	Yes Complied.	
6	Accessories:		
6.1	Bronchoscopy brush - 3 no.s	Will be Provided	
6.2	Bronchoscopy Dormia basket - 2 no.s	No	
6.3	Bronchoscopy forceps- 2 no.s	Will be Provided	
7	Desktop computer to transfer and store the images and videos should be provided	Will be Provided	
7.1	Should have a RAM of atleast 8 GB	Will be Provided	
7.2	Should have 2 TB internal hard disk	Will be Provided	
8	Warranty, Installation & Service:		
8.1	The unit offered in the tender will require technical demonstration within the department without which the tender will be summarily rejected.	Will be given	
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 years for supply of the offered equipment must be enclosed with the price bid.	Will be given	
8.3	Price of the main unit and accessories to be quoted separately. (including GST)	Yes Complied.	

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8.4	Warranty: The bronchoscope, video processor and all accessories should be covered with comprehensive onsite warranty for three (3) years commencing from the date of issue of installation certificate.	Yes Complied.	The capital equipment like Bronchoscope/Processor/Light source will carry comprehensive warranty Accessories comes under consumable which don't comes under warranty
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.	Will be given	
8.6	Company should have an established registered service centre with address and phone numbers at Chennai / Puducherry / Tamilnadu	Will be Provided	Registered office / Service centre available in Chennai
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.	Loaner will be provided according to the availability of the scope	
8.8	The bidder should enclose the original product datasheet, brochure and compliance sheet, without which the bid will be rejected. 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.	Will be Provided	
8.9	The installation should include 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.	Yes Complied.	

For Olympus Medical Systems India Pvt Ltd.

Authorised Signatory



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DEPARTMENT OF PAEDIATRICS

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 ICU and use by pediatric respiratory medicine. It should satisfy the following specifications:

1. Optical system

- 1.1. Field of view at least 110 -120⁰
- 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
- 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:

Pediatric flexible bronchoscope

- 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, Y/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.
- 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 Dormia 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 atleast 8 GB
- 7.2. Should have 2 TB internal hard disk

8. Warranty, Installation & Service

- 8.1. The unit offered in the tender will require technical demonstration within the department without which the tender will be summarily rejected.
- 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 years 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 three (3) 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 Chennai / Puducherry / Tamilnadu
- 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 datasheet, brochure and compliance sheet, without which the bid will be rejected. 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 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.