Admn/Prop/18/2021-AIIMS.JDH Dated: 05th June 2021

Subject: Purchase of Therapeutic video endoscopy system for the department of Gastroenterology at AIIMS, Jodhpur on proprietary basis - **Inviting comments thereon.**

The Institute is in the purchase of Therapeutic video endoscopy system for the department of Gastroenterology at AIIMS, Jodhpur from M/s Olympus Medical System India Pvt. Ltd, Ground Floor, Tower-C, SAS Tower, The Medicity Complex, Sector- 38, Gurugram on proprietary basis. The proposal submitted by M/s Olympus Medical System India Pvt. Ltd, Gurugram and PAC certification by user are attached.

The above document are being uploaded for open information to submit objection, comments, if any from any manufacturer regarding proprietary nature of the equipment within 21days of issue giving reference Admn/Prop/18/2021-AIIMS.JDH. The comments should be received by office of Deputy Director (Admin), Medical College at AIIMS, Jodhpur on or before 28th June 2021 upto 03:00 PM failing which it will be presumed that any other vendor is having no comment to offer and case will be decided on merits.

Yours faithfully,

Deputy Director (Admin)

Enclosed: Related documents enclosed.

OLYMPUS

OLYMPUS MEDICAL SYSTEMS INDIA PRIVATE LIMITED
Ground Floor, Tower-C, SAS Tower, The Medicity Complex,
Sector – 38, Gurgaon 122001, Haryana, INDIA
Tel.:0124-4999191 Fax : 0124-4999190
Website : www.olympusmedical.co.in
CIN:U33110HR2009FTC039611

Date: 30th April 2021 **Ref No: OMSI/21-22/93**

To,
The Director,
All India Institute of Medical Sciences,
Basni Industrial Area,
Phase-2, Jodhpur-342005 (Rajasthan).

Subject: Proprietary Article Certificate (PAC) for Olympus EVIS-X1 Model CV-1500 with ERCP Duodenovideoscope (Model: TJF-Q190V) and Paediatric Gastrovideoscope (Model GIF-XP190N)

Dear Sir,

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 are subsidiary of Olympus Corporation of Asia Pacific Ltd. M/s. Olympus Corporation, Japan having their office at 2951, Ishikawa-Cho, Hachioji-shi, Tokyo 192-8507, Japan.

This is to certify and confirm that Olympus EVIS-X1 Unified Endoscopic Imaging Platform Model CV-1500 has following unique features:

5-LED Spectrum Technology:
Improved performance in Contrast & Colour Reproduction of Bloods

BAI-MAC (Brightness Adjustment Imaging with Maintenance of Contrast):
Minimizes the missing rate by providing the image with optimum brightness and Reduce the "Dark Corner" and Improved detection rate of the flat lesions.

TXI (Texture and Colour Enhancement Imaging):
Increases visibility of Mucosal Morphology, Colour patterns and Blood vessels and Improved detection of inflammation and flat/depressed lesions.

EDOF (Extended Depth of Field):
Optically capturing two focused images (near and far) simultaneously and combines those images into one to make optical diagnosis via simplified magnification.

RDI (Red Dichromatic Imaging):
Identifies bleeding sources during therapeutic interventions, may also help to avoid delayed bleeding after endoscopic therapy. It improves colon screening, diagnosis of inflammatory and varices.

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NBI (Narrow Band Imaging):
Unique NBI Technology (Real Time Optical Image Enhancement) has been Clinically proven with data from worldwide.

CAD (Computer-Aided Detection and Diagnosis):
Platform is ready for future Innovation.

This is to certify and confirm that Olympus ERCP Duodenovideoscope (Model: TJF-Q190V) and Paediatric Gastrovideoscope (Model: GIF-XP190N) are having unique Narrow Band Imaging (NBI) feature and compatible with EVIS-X1 Imaging Platform.

No other company is manufacturing such Products in the world.

Thanking you,

For Olympus Medical Systems India Pvt. Ltd.

OLYMPUS

Authorized Signatory

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Specifications for Therapeutic video endoscopy system

1) **Video Processor & Light Source:** Should have following specifications

- Video processor should have in-built light source with 5 LED Spectrum Technology
- Should have real time optical enhancement NBI (Narrow Band Imaging) Technology
- Should have RDI (Red Dichromatic Imaging) technology for improved visibility of deep blood vessels and bleeding points
- Should have TXI (Texture and Color Enhancement Imaging) technology for optimization of structure, color tone and brightness of the mucosal surface
- Should have EDOF (Extended Depth of Field) to allow precise endoscopic observations through continuous broad focus and seamless magnification.
- The processor should be having feature of compatibility with Endocyto scope having magnification of 520x & above
- The processor should also have compatibility with Motorized Enteroscopy
- The processor should be compatible with Dual Focus scope & Cholangioscope
- Should have BAI-MAC (Brightness Adjustment Imaging with Maintenance of Contrast) technology for improvement of brightness in darker portions
- Video processor should have digital 12G-SDI output for 4K, 3G-SDI and HD-SDI output for HD image and should contain electronics for clear visibility of near and far objects
- Should have MyCV mode for Switch setting values of multiple functions at once
- Provision of VBS composite video output function
- Equipped With high resolution HDTV imaging capacity (1080 P)
- 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
- Should have stand-by/emergency lamp option and provision for lamp switch over from main lamp to stand by lamp in case of main lamp failure
- Equipped with automatic light adjustment facility
- Equipped with touch screen interface for accessing the processor settings

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2) **Monitor:** Should have following specifications

- Should be compatible with the video processor and light source
- Should with LED Backlit medical grade monitor with 4K UHD resolution from same make
- 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

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Chandiga

- 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

3. Side Viewing Duodenoscope

- Should be compatible with the video processor and light source
- Lighter and possess high resolution image quality
- Unique dual locking mechanism: Center lock and side lock
- Square image shape and 15 degree backward viewing
- High Force Transmission - 1:1 transfer of pushing & rotating forces
- Single use disposable distal cover
- Option to flush the distal end
- Waterproof One-touch connector
- Should have real time optical enhancement NBI (Narrow Band Imaging) Technology
- Should have RDI (Red Dichromatic Imaging) technology for improved visibility of deep blood vessels and bleeding points
- Should have TXI (Texture and Color Enhancement Imaging) technology for optimization of structure, color tone and brightness of the mucosal surface
- Slim 11.3 mm insertion tube
- Wide 4.2 diameter channel
- Scope ID function
- Four remote control switches on control body.
- Compatible with leakage testing device with its air flow and pressure regulation through light source's air pump.

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Should have:

a) Field of View of 100 Degree
b) Direction of view Backward side viewing 15°
c) Depth of field 5-60 mm
d) Distal end outer diameter of 13.5mm
e) Insertion tube outer diameter of 11.3mm or less
f) Working length of 1240 mm
g) Channel inner diameter of 4.2mm or more
h) Minimum visible distance 10mm
i) **Bending Section/Angulation range: Up** 120°,Down 90°,Right 110° & Left 90°
j) Total length: 1560 mm

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4. Ultrathin Paediatric Video Gastroscope with 2.2 mm channel

- Should be compatible with video processor and light source
- Should have NBI Technology
- Should have advanced suction capability with larger channel
- Distal end outer diameter: 5.4 mm
- Insertion tube outer diameter: 5.8 mm
- Field of view: 140 degrees
- Depth of view: 3-100 mm

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Professor,
Department of Gastroenterology,
PGIMER, Chandigarh

- Tip Angulation: Up: 210 degree or more; Down: 90 degree or more, Right and Left: 100 degree or more
- Instrument channel: 2.2 mm
- Fully immersible in water & should have one touch Waterproof connector

5. Video Endoscopy workstation/trolley from Same Make

- Should be compatible with video processor and light source
- Should have space for accommodation of a LED/LCD HD monitor (HD video processor and light source, with scope

6. Flushing Pump:

- Should be compatible with video processor and light source
- Should be a controllable pump that can irrigate fluid via instrument channel of endoscopes. This allows the washing of gastric and colonic mucosa during procedures, to give improved images. Should be of same make
- Maximum Flow Rate = 700 > 750 ml/min
- Should have an inbuilt safety features, such as the prevention of over pressuring or insufflation, and can be controlled via remote control or a foot pump.

7. CO2 Insufflator

- Should be compatible with video processor and light source
- Should have one touch button for ON/OFF operation, pressure display and timer function to automatic CO2 insufflation shut off
- Should have compact design to easily fit in endoscopic workstation
- Should have 3 or more flow rate control settings
- Should have air feeding
- Should be from same make

8. Endoscopic suction pump:

- Should be compatible with video processor and light source
- Electrical, mobile suction pumps, equipped with filters and accessories help to prevent viral spread in hospitals
- Should be the same make of the video processor and light source

9. Accessories: Should be compatible and authentic certificate by parent company should be enclosed

- Wire guided triple lumen papillotome with proximally covered cutting wire for endoscopic sphincterotomy (Clevercut)- 10 number
- Exchange guidewire 450cm long (0.025inch diameter, Visiglide)- 10 number
- Biliary extraction balloons- 10 number
- Stone extraction basket- 10 number
- Mechanical lithotripsy backet (Lithocrush): 5 in number
- CRE balloons wire guided for dilation(12-15mm)- 2 number, (10-12mm)- 2 number, (8-10 mm)-2 number, (12-15mm)- 2 number
- Alligator forceps with rat tooth- 3 in No
- Biopsy forceps with spike (large capacity)- 10 in No

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10. Software with Computer System & Duplex laser Printer

- Recording Software & Latest and advanced computer system i7 or above (preferably desktop) with UPS for back up of at least 30 minutes,
- Laser color printer with automatic double side printing with wifi connectivity; also include Constant voltage stabilizer.
- Dedicated 4 recorder with at least 4 TGB internal memory with capacity to record both still images and video

- The bidder should have proven performance of supplying, providing after sales service to the Premier Government teaching institutes in India for the quoted model.
- Any other essential hardware/software/items required to make all above things functional should be quoted, otherwise it will be treated that same will be supplied free of cost.
- All products should be having 5-year warranty/guarantee from the date of installation.
- Should provide comprehensive annual maintenance contract for 5 years.

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