

**GOVT. MEDICAL COLLEGE & HOSPITAL, SECTOR-32, CHANDIGARH**  
**DEPARTMENT OF PULMONARY MEDICINE**

Notice for procurement of Semi Rigid Thoracoscope being 'Proprietary Article' under Rule 166 of GFR, 2017.

The Department of Pulmonary Medicine of this institution intends to purchase Semi Rigid Thoracoscope having detailed specifications (Annexure II).

As per knowledge of Pulmonary Department, above said article/equipment is only manufactured by M/s Olympus Corporation, Japan and the said firm sells the same or similar through its authorized agent/dealer M/S Olympus Medical Systems India Private Ltd, Gurugram. The Proprietary certificate issued by the OEM is attached as Annexure-I.

In case, there is any other, OEM for the above said article, then they are requested to submit their proposal to the Director Principal, GMCH, Chandigarh through e-mail [dpgmch-chd@gmch.gov.in](mailto:dpgmch-chd@gmch.gov.in) / hard copy latest by 19.3.19 failing which it will be presumed that there is no other firm who manufacture the required article/equipment and purchase will be processed and finalized from the available source.

  
Prof. & Head

  
Associate Professor

  
Assistant Professor

**OLYMPUS®**

Your Vision, Our Future

**OLYMPUS CORPORATION**

**Headquarters**

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**Technology Research Institutes**

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2-3 Kuboyama-cho, Hachioji-shi, Tokyo 192-8512 Japan

Dated : 05-02-2019

To,  
Government Medical College and Hospital,  
Sector - 32,  
**Chandigarh - 160 047**

Ref: Your requirement for the purchase of Olympus Medical Video Semi Rigid Thoracoscope  
**(Model : LTF-160)** on proprietary basis.

**Sub: PROPRIETARY ARTICLE CERTIFICATE**

**M/s. Olympus Corporation** having its head office at Shinjuku Monolith, 3-1 Nishi-Shinjuku, 2 - Chome, Shinjuku-ku, Tokyo-163-0914, Japan is the sole worldwide manufacturer of **Model : LTF-160(E)**"- **OLYMPUS PLEURAVIDEOSCOPE** product with **capability of moving distal tip in up and down directions, with superior image quality with crisp, clear images and true-to-life colour, incorporated in an autoclavable design.**

**Globally Olympus Corporation, Japan is the sole manufacturer of LTF-160 - Semi Rigid Thoracoscope, with capability of moving distal tip in up and down directions with superior image quality with crisp, clear images and true-to-life colour, incorporated in an autoclavable design and No other company is manufacturing this instrument.**

This equipment is Proprietary product of Olympus Corporation, Japan.

Thanking you,

**For Olympus Corporation**

**Authorized Signatory**

## Specifications - Semi-rigid Thoracoscopy system

### Video Thoraco Scope:

- |  |                   |                   |
|--|-------------------|-------------------|
| 1. Optical System  | Field of view     | 120               |
|  | Direction of view | Forward viewing   |
|  | Depth of field    | 3 to 100 mm       |
| 2. Distal End  | Outer diameter    | 7.0 mm            |
| 3. Insertion Tube  | Outer diameter    | 7.0 mm            |
| 4. Bending Section   | Angulation range  | Up 160°, Down 130 |
| 5. Working Length  |                   | 270 mm            |
| 6. Total Length  |                   | 520 mm            |
| 7. Instrument Channel  | Inner diameter    | 2.8 mm            |
| 8. Scope ID function.  |                   |                   |
| 9. Superior image quality with crisp, clear images and true-to life Color. |                   |                   |
| 10. Four user programmable remote switches to improve operability.         |                   |                   |
| 11. Should be compatible with Electro cautery & Laser.                     |                   |                   |

### Video Processor with Light source:

1. Should be a Compact Processor, inbuilt long life LED light source, having light weight.
2. Should be able to provide 16:9 and 16:10 output for a HDTV monitor and should be compatible with Analog and digital (HD-SDI and DVI output) to reproduce high definition images/video.
3. Should be equipped with special detection technology for detailed observation by enhancing visibility of blood capillaries & mucosa.
4. Should contain portable memory (minimum 2 GB) & USB Slot for image recording and minimum 1 GB internal buffer memory of processor.
5. Should have automatic white balance.
6. Should be able to function Picture in Picture display & Index functionality.
7. Should be equipped with memory back up for settings & Lithium battery.
8. Should have pre-freeze function to select the clearest still image automatically and noise reduction technology.

### High Definition LCD Monitor :

1. 21-26 inch full HD LCD medical grade monitor with high resolution.
2. Lower Power consumption.
3. Aspect ratio 16:9 & 16:10 with output of RGB or YPbPr.

### Terms and conditions:

1. Training to be provided to a minimum three doctors and two technicians.

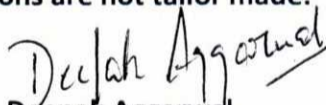
2. CAMC for 5 years after completion of 5 years warranty of the equipment, spare parts/ accessories used.
3. Demonstration of the equipment at GMCH will be given by bidder.
4. The system should be USFDA/BIS approved.

**Certified that the above said specifications are not tailor made.**



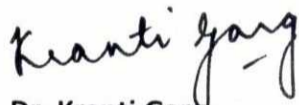
**Prof. Varinder Saini**

Chairman



**Dr. Deepak Aggarwal**

Member



**Dr. Kranti Garg**

Member