



All-India Institute of Medical Sciences Ansari Nagar, New Delhi-29.

(STORES SECTION (DO))

Dated: 11.01.2017

Ref. No.38/Stores (DO)/ENT/PAC/2016-17/FSC

Subject: Proposal for purchase of 4K Ultra High Definition ENT Imaging system on Proprietary basis (PAC) for department of ENT at AIIMS - Inviting comments thereon.

The Institute is in the process to purchase 4K Ultra High Definition ENT Imaging system on Proprietary basis (PAC) for department of ENT at AIIMS, New Delhi-110 029 from M/s.Olympus Corporation, Japan (OEM) through their Authorized Indian Agent M/s.Medilife Technologies. New Delhi-19. The proposal submitted by /s.Medilife Technologies. New Delhi-19, PAC certificate, quotation and other related documents are attached for ready reference.

The above documents are being uploaded for open information to submit objections, comments, if any, from any manufacturer regarding proprietary nature of the equipment/item within issue of 15 days giving reference **Ref. No.38/Stores (DO)/ENT/PAC/2016-17/FSC**. The comments should be received by office of Sr. Stores Officer, Stores Section (DO), Animal House Building, Near Biotechnology Building at AIIMS on or before **27.01.2017 upto 4.30 p.m.**, 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,

SR. STORES OFFICER

Encl: Related documents enclosed.

**ALL INDIA INSTITUTE OF MEDICAL SCIENCES
ANSARI NAGAR, NEW DELHI – 110029**

PROPRIETARY/SPECIFIC BRAND GOOD CERTIFICATE

1. Item/Type/Model no. required alongwith specification	4K Ultra High Definition ENT Imaging System
2. Is the item a spare part/attachment or accessory for an existing equipment	No
3. Name of the manufactures/supplier of the item proposed by the indenter	M/S Olympus Medical Systems India Private Ltd M/s Medilife Technologies
4. Are they sole manufacture/sole distributors of the item	Yes
5. Is there any other item with similar/equivalent specification available in the market to meet the job requirement envisaged. If the answer is yes, way the same can't be procured. Demanding officer should bring out comparative functional advantages/cost effectiveness of the recommended item from those offered by other	No
6. What were the efforts made to locate alternative source of supply or use other substitutes.	Through Internet & no other alternative source for supply of other substitutes
7. Why open/limited tender can't be resorted to for locating alternative source	These are proprietary items of M/s Olympus Medical Systems India Pvt Ltd, Haryana
8. Are the proprietary item certify that the rates are reasonable or not	Rates Certificate from the firm is enclosed
9. Any other justification for procuring item from single source.	

We certify that the item at sr. no. 1 above is required to be procured on single tender basis as the source of the supply is definitely known/ the specified brand proposed was advantage in meeting our functional requirements and limited tender system could be dispensed with as they would serve no useful purpose in this particular case. (strike out whichever is not applicable)

RP*

**Dr. SC Sharma
Professor & Head**

डॉ. सुरेश सी. शर्मा/Dr. SURESH C. SHARMA
मुख्य एवं शिक्षणकारी, Otorhinolaryngology & Head-Neck Surgery
कक्षा, गुरु, गुरु एवं हेड-नेक सर्जरी चिकित्सा विभाग
Dept. of Otorhinolaryngology & Head-Neck Surgery
आ.स.न.स., नई दिल्ली/A.I.I.M.S., New Delhi-110029

**Dr. Rakesh Kumar
Professor &
Faculty In charge Deptt Store**

डॉ. राकेश कुमार/Dr. RAKESH KUMAR
अध्यापक/Professor
कक्षा, गुरु, गुरु एवं हेड-नेक सर्जरी चिकित्सा विभाग
Dept. of Otorhinolaryngology & Head-Neck Surgery
आ.स.न.स., नई दिल्ली/A.I.I.M.S., New Delhi-110029

**Dr. Chirom Amit Singh
Associate Professor**

डॉ. चिरोम अमित सिंह/Dr. CHIROM AMIT SINGH
असहपाठी/Associate Professor
कक्षा, गुरु, गुरु एवं हेड-नेक सर्जरी चिकित्सा विभाग
Dept. of Otorhinolaryngology & Head-Neck Surgery
आ.स.न.स., नई दिल्ली/A.I.I.M.S., New Delhi-110029

**Dr. Shuchita Singh
Assistant Professor**

डॉ. शुचिता सिंह/Dr. SHUCHITA SINGH
असहपाठी/Assistant Professor
कक्षा, गुरु, गुरु एवं हेड-नेक सर्जरी चिकित्सा विभाग
Dept. of Otorhinolaryngology & Head-Neck Surgery
आ.स.न.स., नई दिल्ली/A.I.I.M.S., New Delhi-110029

**Dr. Hitesh Verma
Assistant Professor**

डॉ. हिटेश वर्मा/Dr. HITESH VERMA
असहपाठी/Assistant Professor
कक्षा, गुरु, गुरु एवं हेड-नेक सर्जरी चिकित्सा विभाग
Dept. of Otorhinolaryngology & Head-Neck Surgery
आ.स.न.स., नई दिल्ली/A.I.I.M.S., New Delhi-110029

**Dr. Arvind Kumar Kairo
Assistant Professor**

डॉ. अरविंद कुमार कैरो/Dr. ARVIND KUMAR KAIRO
असहपाठी/Assistant Professor
कक्षा, गुरु, गुरु एवं हेड-नेक सर्जरी चिकित्सा विभाग
Dept. of Otorhinolaryngology & Head-Neck Surgery
आ.स.न.स., नई दिल्ली/A.I.I.M.S., New Delhi-110029



DEPARTMENT OF OTORHINOLARYNGOLOGY AND HEAD-NECK SURGERY
ALL INDIA INSTITUTE OF MEDICAL SCIENCES, NEW DELHI-110029

Item Name: 4K Ultra High Definition ENT Imaging System
Qty: 01 Nos
Cost: Rs. 98.80 Lakhs Each (approx.)
Five Years warranty and 5 years CAMC

Specifications for 4K Ultra High Definition Imaging with Full HD Recorder

A 4K Ultra High Definition Imaging system will consist of the following items:

- 1) Full 4K High Definition Video Image processor
- 2) Powerful 300W Xenon light source with NBI
- 3) 4K Camera Head
- 4) 55" 4K – UHD (3840 pixel) medical grade monitor
- 5) Ultra HD Sino scopes
- 6) Full High Definition Recorder
- 7) Light Guide Cable

1) Full 4K High Definition Video Image processor: (Should have following specifications)

- A full 4K high definition processor should have native resolution of 4096x2160 pixels. System should also provide 3840 x 2160 or 1920 x 1080 should also be selectable. (Should provide both 4K output and HD output)
- It should have Touch panel operation for easy control.
- Rich Color pick up: System should provide color gamut of ITU-BT2020 and should also Provide option of ITU-BT709
- Should have AE (Automatic Exposure) – Iris function.
- Should provide at least 10 individual User preset.
- The System settings, Color Tone, color Mode, contrast, enhancement etc. should be held in memory even after video system processor is switched OFF.
- Should have compatibility for selecting 3G-SDI or HD-SDI signal output (transmission method).

2) Powerful 300W Xenon Light Source: (Should have following specifications)

- A Powerful 300 Watt Xenon Lamp with emergency lamp facility
- Automatically adjusts light intensity to achieve ideal illumination
- Built-in special filter for early cancer detection
- Backlit front panel indicators.
- Optical image enhancement to view the capillary vessels and fine patterns in the superficial Layer mucosa for early detection and recurrence of lesions.
- Automatic switching to emergency lamp

3) Full 4K Camera head : (Should have following specifications)

- The Camera Head should incorporate Optical fiber transmission providing 4K resolution through thin cable.
- Should have Xmor-R CMOS sensor providing high sensitivity and Less noise for clear image
- Should provide One-touch Auto Focus Function
- Should provide Electronic Zoom Function (button controlled) – x2.0 electronic zooming in 6 steps (x1.0, x1.2, x1.4, x1.6, x1.8, x2.0)
- Should be immersible in disinfectant solution and sterilization through ETO & Sterrad.
- Should have Focal Length f=23.5 mm

[Signature]

[Signature]

[Signature]

[Signature]

[Signature]

4) **4K Medical Grade Monitor:** (Should have following specifications)

- 4K Medical grade 55 inch UHD LCD/LED backlit monitor with ultra -highdefinition resolution 3840x2160. Monitor
- should have 16:9 aspect Ratio.
- should provide wide color gamut – BT2020
- should have multi-image display format – Rotation Image, Side-by-side, Picture-in-picture and
- Picture-out-picture and flip Pattern to rotate the image.
- Should have various input/output terminals, including 3G/HD/SD SDI, DVI-D,
- BNC(x5) and HDMI.
- Monitor should have Opti-contrast Panel providing higher contrast image and less color
- blurring.
- Monitor should preferably run on AC (without DC adapter) 100V – 240V, 50/60Hz.

5) **Ultra HD Telescope:** (Should have following specifications)

- 4mm - 0 degree, 30 degree 45 degree 70 degree & 90 degree . FOV : 115 degree, Working Length: 176 mm
- Telescopes should incorporate - ED Glass Lenses for High resolution Imaging & less Chromatic aberration.
- Completely distortion free.
- Homogenous Light distribution in the peripheral region.
- Eyepiece type connection – for uniform compatibility.
- Large field of view and depth of focus.
- Fully Autoclavable type.

6) **High Definition Recording System:** (Should have following specifications)

- A high definition video recorder system with 2 channel Simultaneous recording facility
- Preferably should have a LCD Touch panel Display
- Should be able to record a full HD imaging recording.
- Should have internal hard disk drive of 500GB or more
- The recorder should have two input of DVI, HD-SDI, Composite video & S-video inputs for recording.
- Also, it should have a feature of real time in-procedure recording capability besides at-the-end procedure DVD burning.
- Such a system should also offer a simple video editing capability for easy separation, splicing & deletion of unnecessary parts within a stored video sequence from the on-console touch screen itself.
- Should be capable of offering an easy way to input patient data viz. demographic, clinical & diagnostic details & in-turn linking the same to the stills & video sequences planned to be archived into a folder format for efficient information management from the touch screen.
- Should support **file formats** for :
 - **Images:** Bitmap (BMP), JPEG, Tagged Image File Format (TIFF)
 - **Videos:** : MPEG-4 AVC/H.264

Network Integration: System should be capable of integration to the FTP / CIFS / DICOM (C-Store) Servers.

7) **Light Guide Cable, Must be Autoclavable:** (Should have following specifications)

- High Resistance protection tube.
- Reduced diameter with high fiber density.
- Small bending radius for comfortable use.
- 3 Meter in length.
- Should be ROHS compliant.

Dr. SC Sharma
 Dr. SC Sharma / Dr. SC SHARMA
 सहायक प्राध्यापक/Assistant Professor
 कान, नाक, गला एवं हेड-नेक सर्जरी विभाग
 Deptt. of Otorhinolaryngology & Head-Neck Surgery
 ज.ग.आ.सं., नई दिल्ली/A.I.I.M.S., New Delhi-110029

Dr. Shuchita Singh
 Dr. Shuchita Singh
 सहायक प्राध्यापक/Assistant Professor
 कान, नाक, गला एवं हेड-नेक सर्जरी विभाग
 Deptt. of Otorhinolaryngology & Head-Neck Surgery
 ज.ग.आ.सं., नई दिल्ली/A.I.I.M.S., New Delhi-110029

Dr. Rakesh Kumar
 Dr. Rakesh Kumar / Dr. RAKESH KUMAR
 प्राध्यापक/Professor
 कान, नाक, गला एवं हेड-नेक सर्जरी विभाग
 Deptt. of Otorhinolaryngology & Head-Neck Surgery
 ज.ग.आ.सं., नई दिल्ली/A.I.I.M.S., New Delhi-110029

Dr. Hitesh Verma
 Dr. Hitesh Verma
 सहायक प्राध्यापक/Assistant Professor
 कान, नाक, गला एवं हेड-नेक सर्जरी विभाग
 Deptt. of Otorhinolaryngology & Head-Neck Surgery
 ज.ग.आ.सं., नई दिल्ली/A.I.I.M.S., New Delhi-110029

Dr. Chirom Amit Singh
 Dr. Chirom Amit Singh / Dr. CHIROM AMIT SINGH
 सहायक प्राध्यापक/Assistant Professor
 कान, नाक, गला एवं हेड-नेक सर्जरी विभाग
 Deptt. of Otorhinolaryngology & Head-Neck Surgery
 ज.ग.आ.सं., नई दिल्ली/A.I.I.M.S., New Delhi-110029

Dr. Arvind Kumar Kairo
 Dr. Arvind Kumar Kairo
 सहायक प्राध्यापक/Assistant Professor
 कान, नाक, गला एवं हेड-नेक सर्जरी विभाग
 Deptt. of Otorhinolaryngology & Head-Neck Surgery
 ज.ग.आ.सं., नई दिल्ली/A.I.I.M.S., New Delhi-110029

Dr. Shuchita Singh
 Dr. Shuchita Singh
 सहायक प्राध्यापक/Assistant Professor
 कान, नाक, गला एवं हेड-नेक सर्जरी विभाग
 Deptt. of Otorhinolaryngology & Head-Neck Surgery
 ज.ग.आ.सं., नई दिल्ली/A.I.I.M.S., New Delhi-110029

Dr. Hitesh Verma
 Dr. Hitesh Verma
 सहायक प्राध्यापक/Assistant Professor
 कान, नाक, गला एवं हेड-नेक सर्जरी विभाग
 Deptt. of Otorhinolaryngology & Head-Neck Surgery
 ज.ग.आ.सं., नई दिल्ली/A.I.I.M.S., New Delhi-110029

Dr. Arvind Kumar Kairo
 Dr. Arvind Kumar Kairo
 सहायक प्राध्यापक/Assistant Professor
 कान, नाक, गला एवं हेड-नेक सर्जरी विभाग
 Deptt. of Otorhinolaryngology & Head-Neck Surgery
 ज.ग.आ.सं., नई दिल्ली/A.I.I.M.S., New Delhi-110029

Dated: 6th Dec 2016

Ref: OMSI/16-17/1571

MANUFACTURER'S AUTHORISATION FORM

To,
The Director
All India Institute of Medical Sciences
Ansari Nagar
New Delhi- 29.

Dear Sirs,

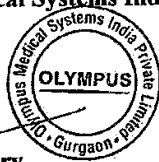
Ref: Authority Letter for 4K UHD ENT Imaging System

We M/s Olympus Medical Systems India Pvt. Ltd. having our registered office at at Ground Floor, Tower-C, SAS Tower, The Medicity Complex, Sector - 38, Gurgaon - 122004, Haryana, is 100% subsidiary of Olympus Corporation of Asia Pacific Ltd. M/s Olympus Medical Systems Corporation, Japan who are established and reputable manufacturers of "4K UHD ENT Imaging System" having their head office at Shinjuku Monolith, 3-1 Nishi-Shinjuku 2-Chrome, Shinjuku-ku, Tokyo 163-0914, Japan and Winter & Ibe GmbH having its office at Kuehnstrasse 61, 22045 Hamburg, Germany, do hereby authorize M/s. Medilife Technologies K-65A, L.G.F. Kalkaji New Delhi -110019 to submit Quotation, 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 us.

We further confirm that no supplier or firm or individual other than M/s. Medilife Technologies K-65A, L.G.F. Kalkaji New Delhi- 110019 is authorized to submit a tender, 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 us.

For Olympus Medical Systems India Pvt. Ltd.

Authorized Signatory



Dated: 30th May 2016

To,
The Director
All India Institute of Medical Sciences
Ansari Road, New Delhi

Sub: Proprietary Article Certificate –VISERA 4K UHD LAPAROSCOPY IMAGING SYSTEMS

Dear Sir,


This is to certify and confirm that following technologies are adopted in the Olympus 4K imaging related products.

- A full 4K ultra high definition processor (VISERA 4K UHD: OTV-S400) having native resolution of 4096 x 2160 pixels.
- 300 watt Xenon light source (VISERA 4K UHD: CLV-400) with emergency spare lamp having " **NBI technology**" - Narrow Band Imaging for visualization of fine capillaries and vessel pattern on mucosal surface for abnormal lesions.
- Video processor (VISERA 4K UHD: OTV-S400) having BT2020 video format to display true 4K color format.
- Full 4K Camera head (VISERA 4K UHD: CH-S400-XZ-EB) having Exmor-R 4K CMOS sensor providing high sensitivity and Less noise for clear image.
- Ultra Telescope (WA4KL500, WA4KL530, WA4KL545, WA4KL100, WA4KL130, WA4KL145) having ED lenses for sharp images, with wide field of view and fully autoclavable.

This is to further certify that VISERA 4K UHD system (OTV-S400, CLV-400, CH-S400-XZ-EB) is manufactured by Olympus Corporation, Japan having its office at Shinjuku Monolith, 3-1 Nishi-Shinjuku 2 – chome, Shinjuku-ku, Tokyo 163-0914, Japan. Also Ultra telescope (WA4KL500, WA4KL530, WA4KL545, WA4KL100, WA4KL130, WA4KL145) is manufactured by Olympus Winter & Ibe GmbH having its office at Kuehnstrasse 61, 22045 Hamburg, Germany.

Thanking you,

For Olympus Corporation,


Rie Nakase (Authorised Signatory)
General Manager
Medical Asia Pacific Sales Marketing Department



Ref.: MT/16-17/067(A)

Date: January 11, 2017

To,
Head of Department
Dept of ENT
All India Institute of Medical Science
Ansari Nagar, New Delhi

Sub: Revised Quotation for 4 K UHD ENT Imaging Systems

Dear Sir/Ma'am,

Revised Price of main offer for 4 K UHD ENT Imaging Systems offer No MT/16-17/067 dtd 06/12/2016, as per negotiation letter Ref. dtd 06th Nov 2016 (copy attached) submitted at Director Office against requirement of Dept of Surgery File No.05/Store (DO) /Surgery/PAC/2016-17/FSC and for Dept of Emergency Medicine File no. 19/Store (DO)/ Emergency Medicine/PAC/ 2016-17/FSC.

S. No.	DESCRIPTION	QTY	UNIT RATE	AMOUNT(Rs.)
1.	4K Processor Model:- OTV-S400	1	61,00,000.00	61,00,000.00
2.	4K Light Source Model:- CLV-S400	1		
3.	4K Camera Head Model:- CH-S400-XZ-EB	1		
4.	4K Telescope	1		
5.	Light Guide Cable Model:- WA03310A	1		
6.	4K 55" Monitor Model:- LMD-X55OS Make:- Sony	1		
7.	Trolley with Monitor Stand: Indigenous	1		
			TOTAL:-	61,00,000.00
			VAT/CST@5% :-	3,05,000.00
			GRAND TOTAL	64,05,000.00

(Rs. Sixty Four Lakh Five Thousand only)

Additionally the department has requested for digital compatible FULL HD Recording System, which is included as per below:

S. No.	DESCRIPTION	QTY	UNIT RATE	AMOUNT(Rs.)
01	Full High Definition Recorder Model: IMH-20	1	8,13,263.00	8,13,263.00
	1 years warranty order dtd 15/09/2015 (as per P.O. copy enclosed)			
	Add 4 years warranty @ 5%	1	1,62,653.00	1,62,653.00
	Add 7% duty	1	56,928.00	56,928.00
	Price Escalation	1	1,00,000.00	1,00,000.00
TOTAL:-				11,32,844.00
VAT/CST@5% :-				56,642.00
GRAND TOTAL				11,89,486.00

Cont....

OLYMPUS®

Your Vision, Our Future

**Medilife Technologies**

K-65 A, LGF Kalkaji, New Delhi 110019

Ph: +91-11-40588606, 40588607

Tele/Fax: +91-11-40588606

Email: info@medilife.in

Web: www.medilife.in

---2---

Terms & Conditions

Price:	Price Quoted is Ex-works, New Delhi
Order Placement:	Purchase order to be placed on "M/s Medilife Technologies K-65A, L.G.F. Kalkaji New Delhi-110019"
Payments Terms	100% along with Purchase Order
CST/VAT :	VAT @ 5% Extra
Delivery:	Within 6-8 weeks from the date purchase order along with advance payment.
Validity:	Our offer is valid for 180 days from the date of issue.
Warranty	60 months from the date of Installation against manufacturing defects only. Light Guide cable & Trolley are not covered under this warranty
CMC:	After expiry of warranty period CMC @ 2.5% per annum, service tax extra as applicable, CMC is not applicable on Light guide Cable & Trolley.
Installation :	Installation and demonstration would be provided by our engineer's at your site free of cost

For Medilife Technologies


Authorized Signatory
