

DR. RAJENDRA PRASAD CENTRE FOR OPHTHALMIC SCIENCES
All India Institute of Medical Sciences
Ansari Nagar, New Delhi-29

Ref. No. 03/SSO(RPC)/RS/PAC/2019-20

Subject: Purchase of Surgical Microscope with Intra-Operative Spectral Domain OCT - 01
No. for Dr. R.P.Centre, AIIMS, New Delhi-29 on proprietary basis- Inviting
comments thereon.

As per decision taken/ approved by Competent Authority of Dr. R.P.Centre AIIMS for the purchase of subject cited equipment from M/s. Carl Ziess, Germany on proprietary basis. The proposal submitted by M/s Carl Zeiss (India) Bangalore Pvt. Ltd., (Authorized representative of M/s. Carl Ziess, Germany) and PAC certifications are attached & uploaded on website.

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 15 days from the date of issue/uploading of the notification giving reference **03/SSO(RPC)/RS/PAC/2019-20**. The comments should be sent to Sr. Stores Officer, Dr. R.P.Centre at AIIMS on or before **07.10.2019 upto 12.30 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.


SR. STORES OFFICER (RPC)


19/10/19

Encl: Related documents enclosed.

1. PAC Certificate enclosed.

Item No. 01

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To Consider purchase of Intraoperative OCT integrated operating microscope with HD Camera.
Compatible with ngenuity 3D Visual on proprietary basis.

Unit)

Main Microscope :

- Achromatic optics with anti-reflex multi coating
- Motorized zoom system with zoom ratio 1:6 magnification factors : 0.4x-2.4x
- Focussing range 70 mm
- Speed control for zoom and focus
- Tilttable binocular tube f= 170 mm, with integrated image inverter.
- Pair of high eyepoint widefield eye pieces 10.x with diopter setting from -8D to +5D,
- Achromatic objective f= 200 mm with carrier ring.
- Total magnifications : 4.3x to 25.5x with eyepiece 12.5x and objective lens f=200mm Field of view : 8.6 mm to 51.8 mm with eyepiece 12.5x and objective lens f=200mm
- Integrated Slit illumination; Slit width 0.2, 2.0, 3.0, 4.0mm & Slit height 12mm.
- beam splitter should be integrated in the microscope body.
- HD camera should be integrated in the microscope body without any external attachment. Camera controls unit should be integrated in the stand.

Built-in assistant's Microscope :

- Integrated Assistant microscope with electrical zoom magnification, with programmable magnification to achieve magnification for main surgeon & assistant. independent fine focusing system.
- Inclined Binocular tube with integrated image inverter.
- SCI (Stereo coaxial illumination) for constant brilliance and brightness, red reflex illumination and surrounding field illumination both are adjustable.
- Pair of high eye point wide field eye pieces 10x with diopter setting from -8D to +5D,
- Provision of red reflex for assistant with equal brightness

XY Coupling

- Range of adjustment 60 mm x 60 mm. Control of automatic reset of XY movements.
- Provision of inversion of XY direction of travel via foot control, Speed control for XY.

Illumination

- SCI (Stereo coaxial illumination) for constant brilliance and brightness, red reflex illumination and surrounding field illumination both are adjustable.
- Fiber light guide, Integrated Xenon illumination system with 180W xenon lamp with back up lamp 180W xenon with availability of Halogen filtered illumination.
- Integrated 408 nm UV filter for protection against infrared exposure
- Blue Blocking Filter, Provision of retina protection device
- Provision of system of magnetic clutches for all locks for positioning of microscope across surgical field

Intraoperative OCT :

- Spectral Domain OCT wavelength 840nm
- Scanning speed 27000 A scan per second.
- Axil resolution 5.5micron.

Handwritten signature and notes in the bottom right corner.



- Scan modes for Live : 1 Line, 5 Line & Cross hair.
- Scan modes for capture: 1 Line, 5 line & Cube.
- Touch screen control through Callisto eye.
- OCT Module should be integrated in Microscope body without any external attachment.
- OCT Module & Microscope must be from same manufacturer.
- All the components of OCT should be factory integrated in microscope body & Stand.

Wide Angle viewing system:

- Non contact, Autoclavable wide angle viewing system.
- Non contact lenses 60D & 128D - 2 sets.

Markerless toric IOL alignment

- Markerless toric IOL alignment, Assistance Markerless License*
- Reference Axis, Rehixs, Main Incision & Paracentesis, LRI, Z ALIGN® Marker based & Markerless
- Z Align
- Target axis for toric IOL alignment
- Can be set directly on CALLISTO eye 3.6 or imported via from IOLMaster 700*
- One or three lines, Position relative to yellow reference axis
- OCT scans 2.9mm for High resolution OCT scan & 5.8mm for large overview to visualize & access graft orientation.
- Distortion free computer enhanced intraoperative OCT image to visualize detailed structures in the correct physiological shape & better view/ observe the Irido-corneal angle.

Floor Stand

- *Magnetic clutches for effortless movement and positioning. Built in maneuvering handles*
- Facility to change to back up lamp in event of lamp failure by fast action change
- Lamp intensity adjustment via foot control panel
- Progressive speed adjustments
- Wireless programmable 14 function foot control panel.
- Storage facility of magnification, motor speed, configuration of foot control panel, lamp brightness and focal plane for at least 9 different users
- Facility for non sterile release of suspension arm

Accessories

- HD Video Recorder should be integrated in microscope stand.
- IDIS facility- Superimpose of OCT image in eye pieces.

Should be compatible with Calisto Imaging System

** It should be US FDA/ European CE approved.

Handwritten notes and signatures in Arabic script, including the name 'محمد علي' (Mohammed Ali) and several illegible signatures.

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

PROPRIETARY/SPECIFIC BRAND GOODS CERTIFICATE

1. Item/Type/Model No. Required along with specification. : Surgical Operating Microscopic with Intraoperative Spectra Domain OCT

2. Is the item a spare part attachment or accessory for an existing equipment. : No (New Equipment)

3. Name of the manufacturers/suppliers of the item proposed by the indenter. : M/s. Carl Ziess, Germany

4. Are they sole manufacturers/ sole distributors of the item. : Sole Manufacturer

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, why the same can't be procured. Demanding officer should bring out comparative advantages/ cost effectiveness of the recommended item from those offered from others. : No

6. What were the efforts made to locate alternative source of supply or use other substitutes. :

As per the best of our knowledge the required specifications are not available with other manufacturer.

7. Why open/limited tender can't be resorted to, for locating alternative source. :

The required specification are not available with the other manufacturer

8. Are the proprietary items rates are reasonable or not. :

Yes, prices are reasonable

9. Any other justification for procuring item from single source. :

The facility of Inbuilt OCT, Integrated HD Video Recorder is not available with the other manufacturer.







I certify that the item at Sr. No. 1 above is required to be procured on single tender basis as the source of supply is definitely known/ the specific brand proposed was advantageous 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)

**Signature of Indenter
(Demanding officer)**

(Head of Department)



Carl Zeiss Meditec AG, 10589 Berlin

The Chief,
Dr. R. P. Centre For Ophthalmic Sciences
All India Institute of Medical Sciences
Ansari Nagar,
New Delhi – 110029
India

Carl Zeiss Meditec AG
Berlin Site
Max-Dohrn-Strasse 8-10
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Phone: +49 (0) 30 854001-301
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e-mail: juukka.ruhanen@zeiss.com

Your ref.:

PROPRIETARY CERTIFICATE FOR ZEISS OPMI LUMERA 700 SURGICAL MICROSCOPE AND RESCAN 700 INTEGRATED INTRAOPERATIVE OPTICAL COHERENCE TOMOGRAPHY (OCT) SYSTEM

Dear Sir,

We hereby certify that the OPMI LUMERA 700 and RESCAN 700 AIO, the first surgical microscope ophthalmic surgery with integrated intraoperative optical coherence tomography (OCT) system, is the proprietary product of Carl Zeiss Meditec AG, Germany.

Equipped with ZEISS RESCAN 700, ZEISS OPMI LUMERA 700 takes surgical microscopy to a whole new level with integrated intraoperative OCT. The ophthalmic surgeons visualize transparent structures of the anterior and posterior segments directly in the eyepieces of the surgical microscope; see exactly where they are scanning with the scan location marker and move the scan independently of the surgical microscope.

ZEISS RESCAN 700 gives the ophthalmic surgeons more information during retinal or corneal surgery in the eyepieces of the surgical microscope, allowing them to see structures in new ways; helping them back up their decisions, thereby improving surgical techniques or outcomes without compromising their surgical workflow.

Address of Recort:
Goeschelzer Strasse 51 - 52
07745 Jena, Germany

Address for Delivery:
Carl Zeiss Meditec AG
Max-Dohrn-Strasse 8 - 10
10589 Berlin, Germany

Banks:
Deutsche Bank Jena
Account: 624536900 (BIC 820 700 00)
IBAN: DE90 8207 0000 0624 5369 00
BIC/SWIFT: DEUT DE 33XXX

Commerzbank Jena
Account: 258072800 (BIC 820 400 00)
IBAN: DE31 8204 0000 0758 0728 00
BIC/SWIFT: COBADE33XXX

Commercial Register:
Local Court Jena HRB 205623

VAT-ID No.: DE 611 922 737
WEEE-Reg.-No.: DE55298748

Chairman of the Supervisory Board:
Dr. Michael Kaschke

Board of Management:
Dr. Ludwin Monec (CEO)
Justus Felix Weiskopf
Jan Willem de Cler

System has best-in-class and unique features such as:

1. CALLISTO eye with Markerless toric IOL alignment
 - ASSISTANT functions for Rhexis, Main Incision & Paracentesis, LRI, Z ALIGN (toric IOL)
 - Reference image/axis from IOLMaster
 - Guided image quality check for optimizing light intensity, magnification & centration prior to matching the live image to the reference axis image
2. OCT scans with 2.9mm depth for high resolution images as well as OCT scans with 5.8mm depth for images providing an excellent and large overview (e.g. to visualize corneal graft orientation).
3. Undistorted visualization (correct aspect ratio) of computer enhanced intraoperative OCT images of the eye
4. OCT scans in posterior segment for vitreo-retinal surgery, are not only supported with RESIGHT but also in combination with a flat contact glass or indirect contact glass.

Best regards

Carl Zeiss Meditec AG
I.V.

Ana Neves

Ana Neves
Head of Marketing and Business Management

I.V.

Jukka Ruhanen

Jukka Ruhanen
Senior Business Manager APAC

JR