



**ALL INDIA INSTITUTE OF MEDICAL SCIENCES,
JODHPUR

Admn/Prop/02/2020-AIIMS.JDH

Dated: 20th May 2020

Subject: Purchase of Operating Microscope with Intraoperative OCT for the department of Ophthalmology at AIIMS, Jodhpur on proprietary basis-

Inviting comments thereon.

The Institute is in the process to Operating Microscope with Intraoperative OCT for the department of Ophthalmology at AIIMS, Jodhpur from M/s Carl Zeiss Meditec AG, Goechwitz Strasse 51-52, 07745 Jena, Germany on proprietary basis. The proposal submitted by M/s Carl Zeiss Meditec AG, Germany 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/02/2020-AIIMS.JDH. The comments should be received by office of Administrative Officer, Medical College at AIIMS, Jodhpur on or before 12th June 2020 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.

Administrative Officer

Enclosed: Related documents enclosed.



ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR



Carl Zeiss Meditec AG 07740 Jena

All India Institute of Medical Sciences
Bbasni Phase -2
Jodhpur
Rajasthan

Division/Dept.: Finance

Your contact: Michael Holzner

Carl Zeiss Meditec AG

Goeschwitzer Straße 51 - 52
07745 Jena, Germany

Telefon: +49 (0) 36 41 / 220 353

Fax: +49 (0) 36 41 / 220 282

Our ref.: MHz / KSt

Date: 21 November 2019

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

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 Record:
Goeschwitzer Strasse 51 - 52
07745 Jena, Germany

Address for Delivery:
Carl Zeiss Meditec AG
Carl-Zeiss-Promenade 10
07745 Jena, Germany

Banks:
Deutsche Bank Jena
Account: 624536900 (BLZ 820 700 00)
IBAN: DE90 8207 0000 0624 5369 00
BIC/ SWIFT: DEUT DE 8EXXX

Commerzbank Jena
Account: 258072800 (BLZ 820 400 00)
IBAN: DE31 8204 0000 0258 0728 00
BIC/ SWIFT: COBADEFFXXX

Commercial Register:
Local Court Jena HRB 205623

VAT-ID No.: DE 811 922 737
WEEE-Reg.-No.: DE55298748

Chairman of the Supervisory Board:
Dr. Michael Kaschke

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



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

1. CALLISTO eye with Markerless toric IOL alignment
 - ASSISTANT functions for Rhesis, 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.

Carl Zeiss Meditec AG

i.V.

Michael Holzner
Head of Finance & Accounting

i.A.

Katja Dornheim
Assistant
Distribution Partners EMEA & LATAM

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Carl Zeiss Meditec AG 07740 Jena

TO WHOM IT MAY CONCERN

Division/Dept.: Finance

Your contact: Michael Holzner

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Fax: +49 (0) 36 41 / 220 282

Our ref.: MHz / KSt

Date: 16 September 2019

Letter of Authorization

We, Carl Zeiss Meditec AG, Goeschwitzer Str. 51 – 52, DE-07745, Jena, Germany, herewith confirm that

Carl Zeiss India (Bangalore) Pvt. Ltd.
Plot No. 03, Jigani Link Road
Bommasandra Industrial Area
Bangalore - 560 099 –
India

has branch offices at New Delhi, Mumbai, Kolkata, Chennai, Ahmedabad and Hyderabad

is our 100% subsidiary company of Carl Zeiss AG in India and authorized to sell in its own name the following products:

- Operating Microscopes for all fields in Microsurgeries and the accompanying accessories (manufactured at Carl Zeiss Meditec Oberkochen, Germany)
- Intraocular lenses (IOLs) and OVDs (manufactured at Carl Zeiss Meditec AG Berlin, Germany, Carl Zeiss Meditec Production LLC Ontario, USA and Carl Zeiss Meditec France S.A.S. La Rochelle, France)
- Phaco-emulsification system (manufactured at Carl Zeiss Meditec AG Oberkochen, Germany)

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This letter of Authorization is subject to German law and valid until September 30th, 2020, unless terminated by either party upon three months of written notice.

All the commercial activities must ensure compliance with the requirements and regulations of German export control legislation and US re-export control legislation.

Carl Zeiss Meditec AG

i.V.

Michael Holzner
Head of Finance & Accounting

i.V.

Katja Dornheim
Assistant Sales
Distribution Partners EMEA & LATAM

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TECHNICAL SPECIFICATIONS FOR SURGICAL OPERATING ZOOM MICROSCOPE WITH INTRAOPERATIVE SPECTRAL DOMAIN OCT.

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.xwith 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 LED illumination system with n 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.
- Axial resolution 5.5micron.
- Scan length 3 – 16mm
- 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.

For *Signature* *Signature*



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Markerless toric IOL alignment

- Markerless toric IOL alignment, **Assistance Markerless License***
- Reference Axis, Rhexis, 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 image 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.

Handwritten signatures in blue ink:
A signature on the left, a signature on the right, and a signature at the bottom center.