



अखिल भारतीय आयुर्विज्ञान संस्थान
ALL INDIA INSTITUTE OF MEDICAL SCIENCES
साकेत नगर भोपाल (मध्यप्रदेश) – 462020
Saket Nagar, Bhopal (M.P.) – 462020
web site: www.aiimsbhopal.edu.in

AIIMS BHOPAL CENTRAL STORES DEPARTMENT
Dispatch No. <u>1068</u>
Date: <u>31/05/2022</u>

Stores/AIIMS/BPL/Ophthalmology - PAC/OPMI LUMERA 700/2022-23/1068

Dated: 31/05/2022

Subject: Purchase of Surgical Operating Microscope with Resight, Make: Carl Zeiss, Model: OPMI LUMERA 700, Equipment on Proprietary basis-Inviting comments thereon.

The request received from **Department of Ophthalmology**, AIIMS Bhopal, for the purchase of captioned Item from (OEM) M/s Carl Zeiss Meditec AG, Goeschwitzer StraBe51-52, 007745, Germany, and through its authorized Distributor/Agent M/s M/s Varad Corporation, C-314 Shailendra Nagar, Raipur, Chhattisgarh, India on Proprietary basis.

The Notice is being uploaded for general information of Aspirant Manufacturer/Dealer/Distributor to submit their objections/prcposal, if any, on proprietorship of these items.

In case, the product of any Manufacturer/Authorized distributor/dealer conforms to the enclosed specifications, they may submit their proposal for the supply same Equipment/Item along with the following:-

- Details of the required product brochure.
- Point-by-point compliance of the enclosed specifications, along with all relevant documentary evidence;

The objection/ proposal should be sent in sealed cover to the **I/c Senior Procurement cum Stores Officer, Central Stores, Service Building, First Floor, AIIMS- Bhopal, Saket Nagar, Bhopal (462020)** so as to reach on or before **14/06/2022 up to 02:00 Hrs.**, failing which it will be presumed that no any other vendor is interested to offer comments/protest and case will be decided accordingly on its merit.

The reference No.: Stores/AIIMS/BPL/Ophthalmology-PAC/OPMI LUMERA 700/2022-23/1068,
dated: 31/05/2022, due on 14/06/2022 should be super scribed on sealed envelope.

Yours faithfully,


I/c Senior Procurement cum Stores Officer, Central stores
For and on Behalf of Director AIIMS Bhopal
Central Stores Department
AIIMS, Saket Nagar, Bhopal (M.P.)

- Encl: 1. Authorization Certificate
2. PAC Certificate
3. Schedule of requirement
4. Technical Specifications

Authorization Certificate



Date : 15/03/2022

To,

The Director
All India Institute of Medical Sciences
Saket Nagar
Bhopal - 462020

Sub: Validity extension of Authority Letter.

Ref : Zeiss Surgical Operating Microscope Model OPMI Lumera 700

This is with ref to authority letter Dtd. 16/11/2021 issued by us against your requirement of Surgical Operating Microscope on proprietary basis. We have authorized Our Business partner M/S Varad Corporation, C -314 Shailendra Nagar, Raipur, Chhattisgarh.

We hereby extend the validity of authority letter Dtd. 16/11/2021 upto July 31, 2022.

Thanking You,

For Carl Zeiss India (Bangalore) Pvt. Ltd

Manoj Kumar Savta
Head of Sales (OPT)- Govt Business

Carl Zeiss India (Bangalore) Private Limited
Bangalore, India
Plot No. 2, Rajarajeshwari Nagar
Bangalore - 560095, India
Tel : 91-08-43415000
Fax : 91-08-43415000
Email : info@zeiss.co.in
Web : www.zeiss.co.in
CIN : U33109KA2009PT004965

Sr. Procurement Cum Store Officer
Central Stores Department
AIIMS, Saket Nagar, Bhopal (M.P.)

Ahmedabad :
101, 1st Floor
Son Square Building
Near* Nest Hotel
Off C. G. Road, Navrangpura
Ahmedabad-380005, INDIA
Tel. : 91-79-40320301
Fax : 91-79-40320303

Chennai :
SP 76, Ambattur Industrial
Estate, Ambattur Taluk
Tiruvallur District, Tamil Nadu
Chennai - 600058, INDIA
Tel. : 91-44-61750100

Hyderabad :
Kishanpeta House, Mo, B-2-418
5th Floor, Road No. 7
Bangalore Road
Hyderabad - 500 034, INDIA
Tel. : 91-40-23354191
Tel. : 91-40-23354196
Fax : 91-40-23354077

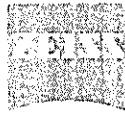
Kolkata :
Victoria Park
Plot 37/2, Block GA
9th Floor, Sector V, Salt Lake
Kolkata 700 091, INDIA
Tel. (Off. Ph) : 91-33-40612800
Tel. (G. H) : 91-33-40612804

Mumbai :
Unit No. 231 & 332
Sulbave Corporate Park
Building No. 04
Andheri Kurla Road
Andheri (East)
Mumbai - 400059 INDIA
Tel. : 91 22 68392222

New Delhi :
A-26/5, Mahan Co-operative
Industrial Estate
Mathura Road
New Delhi - 110044, India
Tel. : 91-11-42156000
Fax. : 91-11-45154010 / 11

Pune :
CTS No. 4270
Eipro Campus
Chinchwad East
Chinchwad
Pune - 411033, INDIA
Tel. : + 91 20 27353926 / 27

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Page 2 of 7

Carl Zeiss Meditec AG

Fully integrated 3 CCD MediLive Trio Eye video camera specially designed for the requirements of ophthalmic surgery - available in Standard Definition (SD) or High Definition (HD) versions.

Integrated HD video chain comprising of a camera monitor and video recording via USB

Integrated assistant's microscope with independent focusing and its own motorized zoom. The magnification can be performed independently of or linked to the zoom of the main surgeon (freely configurable via software). The stereopsis corresponds to that of the main surgeon's microscope and functions without light loss for the main surgeon, with deselectable function or optional mechanical 5-step magnification changer.

Motorized, swing-in retinal protection device activated by foot control panel or handgrips reduces the risk of phototoxic injury.

The **integrated beam splitter** guaranteeing a constant working height, also when additional accessories are attached. e.g. stereo co-observation tube

Large fine focusing range of 70 mm

Space for surgery-cables and optional functions such as the keratoscope, slit illuminator and USB video recording are integrated into the system.

Integration-perfect integration of RESIGHT fundus viewing system, Invertertube E and integrated video camera. The integration of these accessories and the associated partial automation of the required settings on the microscope facilitate the workflow in the OR considerably.

Wireless 14-function foot control panel with freely configurable keys (optionally with cable available)

Optimized workflow and maximum ease of use thanks to the wireless foot control panel and the assistance functions of CALLISTO eye (option) such as Z ALIGN for toric IOLs, K TRACK, Incisions/LRI and microscope settings directly in the eyes with IDIS.

Simple to operate - reading of microscope settings on overhead display and fast focusing for switching readily between two different planes

The integration of these accessories and the associated partial automation of the required settings on the microscope facilitate the workflow in the OR considerably.

Yours truly

Carl Zeiss Meditec AG

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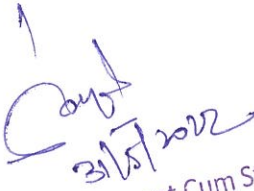
Dr. Frank Deubel
Head of Product Management

Confidential
Sr. Procurement Cum Store Officer
Central Stores Department
AIIMS, Saket Nagar, Bhopal (M.P.)

Schedule of requirement

S.No.	OEM	Description	Qty (No.)
01	M/s Carl Zeiss Meditec AG, Germany , Goeschwitzer 51-52 , 07745 Jena , Germany.	Surgical Operating Microscope with Resight, Make: Carl Zeiss, Model: OPMI LUMERA 700,	01

*** * Note: Please don't quote the prices of the above schedule requirement ****


31/5/2022
Sr. Procurement Cum Store Officer
Central Stores Department
AIIMS, Saket Nagar, Bhopal (M.P.)

Technical Specifications

TECHNICAL SPECIFICATIONS FOR SURGICAL OPERATING ZOOM MICROSCOPE OPMI LUMERA 700 WITH RESIGHT FOR OPHTHALMOLOGY OT

Main Microscope :

- Should have Apochromatic optics with anti-reflex multi coating
- Motorized zoom system with zoom ratio 1:6 magnification factors : 0.2-0.4x-2.0-2.4x2x2.5
- Motorized fast focus with focusing range not less than 70 mm
- Speed control for zoom and focus should be there
- Tilttable binocular tube with interpupillary distance adjustable from 55mm to 75mm
- Should have Pair of high eye point wide field eye pieces 12.5x with diopter setting from -8D to +5D,
- 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 should be there with; Slit width 0.2, 2.0, 3.0, 4.0mm & Slit height 12mm.
- Beam splitter should be integrated in the microscope body for additional Stereo co observation attachment/ documentation.
- High definition camera with 3 chip configuration should be integrated in the microscope body without any external attachment with recording facility. Camera controls unit should be integrated in the stand.
- Integrated HD video recording on an external USB storage device/ SSD, flash of minimum one TB
- Viewing videos and imaged on the integrated 65 inches/4K monitor or an external monitor
- HDMI Cable 5 meter minimum
- Should have depth of focus management system

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 should be there
- Inclined Binocular tube with integrated image inverter should be there
- Provision of red reflex for assistant with equal brightness should be

2x Widefield push-in eye pieces 10x for assistant

Sr. Procurement Cum Store Officer
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AIIMS, Saket Nagar, Bhopal (M.P.)

Dr. SAROJ GUPTA
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Dr. RAJESH KUMAR
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- A set of asepsis caps

Foot Control panel-

- Ergonomic wireless foot control panel with 14 functions
- Cable 3 meter for foot control panel (backup of wireless version)

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 should be there

Illumination

- SCI (Stereo coaxial illumination), red reflex illumination and surrounding field illumination should be adjustable.
- Fiber light guide, Integrated LED illumination system with 180W xenon lamp with back up lamps 180W xenon with Halogen filtered illumination should be there.
- UV filter for protection against infrared exposure should be there
- Blue Blocking Filter for retina protection should be there

RESIGHT 700

- Electrical fundus viewing system for optimal retina workflow supporting automatic image inversion during posterior surgery in combination with inverter tube E, including Dovetail mount set
- Inverter tube E electronically rotates inverted images into an upright position when working with fundus viewing system RESIGHT 700 including a set of asepsis caps
- RESIGHT lens holder f=200 mm
- Resterilizable 128D aspheric wide – field lens for RESIGHT providing peripheral visualization and a clear overview of Retina
- Resterilizable 60D aspheric macular lens for RESIGHT providing high magnification
- Metal tray for resterilization of RESIGHT lens holder and aspheric lenses

Floor Stand- Magnetic clutches and Built in maneuvering handles should be there for effortless movement and positioning.

Sr. Procurement Cum Store Officer
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- Facility to change to back up lamp in event of lamp failure by fast action change should be there
- Should have Lamp intensity adjustment via foot control panel
- Progressive speed adjustments and Wireless programmable foot control panel should be there
- Storage facility for 5-10 different users
- Facility for non-sterile release of suspension arm should be there
- Manual microscope tilt mechanism (+90degree/ -20 degree)

Should have the following Accessories

- Beam Splitters
- HD Video Recorder should be integrated in microscope stand, Video monitor.
- None contact Wide angle viewing system with auto cleavable lenses.
- Stereoscopic Observer Scopes
- Asepsis caps – 2 packs of 6
- Resterilizable handgrips- 1 pack of 6
- USB 3.0 Memory stick 32 GB
- The instrument should be with online UPS or CVT of 2 KVA and with 5 year replaceable warranty and dust cover.
- The instrument should be Upgradable with latest and newer facilities preferable US FDA / CE or equivalent certification
- Demonstration in front of technical committee of equipment along with accessories and attachment before finalization of order
- Should work on standard Indian electrical voltage parameters.
- OEM will be responsible for equipment delivery, warranty, maintenance, service and repair if vendor, third party defaults.
- Applicable turn-key requirement to be fulfilled for appropriate installation, functioning and patient examination for the equipment.

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