ALL INDIA INSTITUTE OF MEDICAL SCIENCES, JODHPUR

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Admn/Prop/57/2022-AIIMS.JDH Dated: - 14th November 2022

Subject: Purchase of Optical Biometer for the department of Ophthalmology at AIIMS, Jodhpur on proprietary basis-

Inviting comments thereon.

The Institute is in the process to Optical Biometer for the department of Ophthalmology at AIIMS, Jodhpur from M/s Carl Zeiss Meditec AG, Goeschwitzer Straβe 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/57/2022-AIIMS.JDH. The comments should be received by office of Deputy Director (Admin), Medical College at AIIMS, Jodhpur on or before 05th December 2022 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.

Deputy Director (Admin)

Enclosed: Related documents enclosed.

ZEISS

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Carl Zeiss Meditec AG

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To whom it may concern

Division/Dept.: Finance
Your contact: Michael Holzner

Our ref.: MHz / KSt
Date: 10 February 2020

PROPRIETARY CERTIFICATE FOR ZEISS IOLMASTER 700 NON-CONTACT SWEPT SOURCE BIOMETER

We, Carl Zeiss Meditec AG, hereby certify that the IOLMaster 700 Non-Contact SWEPT Source Biometer which exclusively uses SWEPT Source OCT technology is the proprietary product of Carl Zeiss Meditec AG, Germany- the inventor of the first optical biometer and pioneered the introduction of OCT for ophthalmology.

Carl Zeiss Meditec AG now integrated SWEPT Source OCT technology into biometry to create the first SWEPT Source Biometer in the world thereby defining next generation of biometry.

The key benefits of the IOLMaster 700 are as follows:

- Get fewer refractive surprises with OCT image-based biometry for visually verifying measurements and for detection of unusual eye geometries.
- Improve refractive outcomes with repeatability, clinical foundation, telecentric keratometry, biometric parameters.
- Optimize the workflow with on-board toric IOL power calculation, easy delegation, measurement speed, markerless implanantion of toric IOLs.
- Make a future-proof investment with platform ready for future enhancements, hassle=free service package.

The IOLMaster 700 is suitable for mains voltages from 100….240 V, 50-60 Hz.

Carl Zeiss Meditec AG

i.V. Michael Holzner
Head of Finance & Accounting

i.V. Katja Dornheim
Assistant Sales
Distribution Partners EMA/ LATAM

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

Specification for SWEPT Source Biometry	
Measurement range	Axial length 14 – 38 mm
	Corneal radii 5 – 11 mm
	Anterior chamber depth 0.7 – 8 mm
	Lens thickness 1 – 10 mm (phakic eye) 0.13 – 2.5 mm (pseudophakic eye)
	Central corneal thickness 0.2 – 1.2 mm
	White-to-white 8 – 16 mm
Display scaling	Axial length 0.01 mm
	Corneal radii 0.01 mm
	Anterior chamber depth 0.01 mm
	Lens thickness 0.01 mm
	Central corneal thickness 1 µm
	White-to-white 0.1 mm
SD of repeatability	Axial length 5 µm
	Corneal radii 0.09 D
	Cylinder > 0.75 D axis 3.8°
	Anterior chamber depth 7 µm
	Lens thickness 6 µm
	Central corneal thickness 2.5 µm
	White- to white 111 µm
IOL calculation formulas	Licence total Keratometry: Barret TK Universal 11 and Barrett TK Toric. Barrett Suite (includes Barrett Toric, Barrett True- K & Barrett Universal 11), Haigis Suite (includes Haigis, Haigis-L, Haigis-T), Hoffer Q, Holladay 1 and 2, SRK/T
Interfaces	ZEISS FORUM eye care data management system
	Zeiss computer assisted cataract surgery system CALLISTO eye (via USB & FORUM)
	Data interface for electronic medical record (EMR) / patient management systems (PMS), Holladay IOL Consultant software and PhacoOptics
	Data export to USB storage media
	Ethernet port for network connection and network printer
Laser class	1
Parameters:-	SWEPT Source OCT Image with longitudinal cut through the entire eye and fixation check: Detect unusual eye geometries, poor fixation and morphological structure of the foveal pit.

	Must be a SWEPT Source OCT based Biometry
	Extremely fast and features a multi-touch screen
	Image based measurements: visually verify if the device has measured correctly
	Distance independent Telecentric 3-Zone Keratometry for more robust measurements
	New Haigis-T formula on-board for toric IOL power calculation suitable for all IOL and normal as well as post-LASIK eyes
Line voltage	100-240 V +/- 10% (self-sensing)
Line frequency	50-60 Hz
Power consumption	Max 150 VA