Ref. No. SO/RPC/Proprietary/IOL Master/2013-14

Dated: 08.03.2014

Subject: Purchase of IOL Master – 3 Nos. for Extension OPD, Dr. R.P.Centre at AIIMS, New Delhi-29 on proprietary basis- Inviting comments thereon.

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The request received from respective faculties of Dr. R.P.Centre AIIMS for the purchase of subject cited equipment from M/s. Carl Zeiss Meditec AG., Germany on proprietary basis. The proposal submitted by M/s. Carl Zeiss Meditec AG, 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 SO/RPC/Proprietary/IOL Master/2013-14. The comments should be sent to Stores Officer, Dr. R.P.Centre at AIIMS on or before 24.03.2014 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,

STORES OFFICER (RPC)

Encl: Related documents enclosed.
1. PAC Certificate enclosed.
2. Specification of equipment.
**SPECIFICATION**

**Measurement Range**
- Axial Length 14-38 mm,
- Corneal radii 5-10 mm
- Anterior Chamber depth 1.5-6.5mm,
- White – to – white 8mm – 16mm

**Axial Length measurement**
- Normal mode & composite signal mode.

**Signal to noise ratio**
- SNR ratio for Axial length, Anterior chamber depth, Corneal radii, with traffic lights.

**Formulas for IOL calculation**
- SRK II, SRK / T, Holladay, Hoffer Q, Haigis, Holladay II.
  - Multi formula calculation – 04 formula at a time.

**Optimization of IOL constants**
- Integrated A constant optimization for surgeons for each lens & IOL calculation formula.

**Formulas for calculating the Corneal power after refractive surgery**
- Clinical history method and contact lens method.
  - Haigis-L (for myopic LASIK/ PRK) Calculation of iris, Chamber angle, or posterior angle supported phakic Implants.

**Holladay II Formula**
- Holladay II should be integrated in the machine without any external attachments.

**Patient data export to Callisto Eye for Maker less Toric IOL surgery through FORUM Patient Management Software.**

**The equipment should have integrated hardware & software (CPU) within the single unit.**
PROPRIETARY CERTIFICATE FOR ZEISSL MAST 500 NON-CONTACT PCI BIOMETER

YOUR TENDER ENQUIRY NO. 80/OPD/RPC/SSK/13-14 DUE ON FEBRUARY 20, 2014

Dear Sir,

We hereby certify that the IOLMaster 500 Non-Contact PCI Biometer using the Partial Coherence Interferometry (PCI) technology is the proprietary product of Carl Zeiss Meditec AG, Germany.

Proven in the field for more than a decade, the IOLMaster 500 is the acknowledged reference point in biometry today and stands on a long heritage of highly precise measurement data.

The IOLMaster 500 is designed for non-contact measurement of the axial length of the eye, the corneal curvature and the depth of the anterior chamber, “white-to-white” with an integrated PC for the calculation of intraocular lenses (IOLs) and optimisation of IOL constants, calculation of IOLs after corneal refractive surgery, calculation of the power of phakic implants. It has integrated display for instrument setting and operation, possible data export to a PC, office measurement systems or Holladay IOL consultant. It is possible to integrate Holladay 2 formula and includes DICOM Gateway which provides additional networking features to EMIR systems.

The IOLMaster 500 Advanced Technology provides improved signal processing in the axial length measurement mode, monitoring of optimum measuring position in the keratometry and anterior chamber depth mode as well as additional information for measurement result interpretation. The additional option T activates the teleservice (remote service access feature).
With the Sonolink connection, the IOLMaster 500 patient data are easily transferred to the Acoutrace A-Scan synergy with a few simple clicks. After ultrasound measurements, A-Scan data are imported back to the IOLMaster 500 for IOL calculation just as quickly and easily. It is possible to export patient data to CALISTO Eye for markerless toric IOL surgery through FORUM Patient Management Software.

The IOLMaster 500 has USB, PS/2, serial, VGA, Ethernet ports and is suitable for mains voltages from 100…240 V (50-60 Hz).

Thanking you,

Yours truly
for Carl Zeiss Meditec AG

Sadouni
Manager Order Administration

Knorr
Export Assistant

Carl Zeiss Meditec AG
Gleisewitzer Str. 51-52 07745 Jena Germany