

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

Ref. No. SO/RPC/Intra Aberometer/2015-16

Dated: 29.08.2015

Subject: Purchase of Intraoperative Aberometer & Refractometer– 01 No. for Unit-III, Dr. R.P.Centre at 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. Alcon Laboratories Inc., USA, on proprietary basis. The proposal submitted by M/s. Alcon Laboratories Inc., USA 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/Intra Aberometer/2015-16**. The comments should be sent to Stores Officer, Dr. R.P.Centre at AIIMS on or before **15.09.2015 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.

Yours faithfully,

STORES OFFICER (RPC)

Encl: Related documents enclosed.

- 1. PAC Certificate enclosed.**
- 2. Specification of equipment.**

SPECIFICATION

1. The system should be able to measure refraction during surgery, supporting accurate IOL selection and placement
2. Should be able to provide aphakic and pseudophakic intraoperative information about IOL lens selection and placement
3. The System should consists of:
 - a. Optical head mounted to the surgical microscope
 - b. Freestanding cart housing the touchscreen monitor and CPU
 - c. Work station with secure web based data system
 - i. Stores patient clinical data
 - ii. Provides data analysis
4. Work station should have Web-based Data System
 - a. Allows for entry of pre and post-op information into the database from any computer via the web
 - b. Entering post-op results facilitates optimized ORA IOL power calculations for each lens model and for each surgeon
5. Aberrometer should provide information that allows for a more refined treatment plan using both aphakic and pseudophakic refraction for:
 - a. IOL power calculation
 - b. Axis of astigmatism
 - c. Magnitude of astigmatism
6. Refraction laser for axis co –alignment should have wavelength of 780nm
7. LED alignment laser should have wavelength of 880nm
8. The Cart should comprise of the monitor and processor. The monitor should display the following:
 - a. A three-camera view of the eye during the measurement process
 - b. On-demand refractive information
9. The cart should have following functions:
 - a. Provide control and power to aberrometer
 - b. Receive and process data from aberrometer
 - c. Should be an OR-based system that houses the monitor and processor
 - d. tethered to the system via a cable
10. The Cart should have a LCD screen display
 - a. The LCD touchscreen device should display operating screens for user input, option selections, and data output
 - b. Can also display refractive analyses
 - c. Touchscreen display tilts 15° and rotates 180° with respect to the rest of the cart structure
11. The system should Guide in
 - a. IOL selection for
 - i. Post-refractive surgery IOL power calculations
 - ii. Standard monofocal and aspheric IOLs
 - iii. Presbyopic IOLs
 - iv. Toric IOLs (SE power)
 - b. Toric IOL cases
 - i. Cylinder power and axis
 - c. Guides LRI cases
 - i. Whether done in the phakic, aphakic, and/or pseudophakic mode
12. The system should be capable to be mounted on a variety of ophthalmic surgical microscopes
13. The System[®] must be designed to function with a 200 mm focal length microscope objective lens
14. Wavefront aberrometer should be FDA-cleared for use in cataract surgery
15. Free software upgrades for future enhancements



Dated :

To,
The Chief,
Dr. R. P. Centre for Ophthalmic Sciences,
AIIMS, New Delhi

Alcon Laboratories (India) Pvt. Ltd.
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Near HDFC Bank, New Delhi - 110 020.
Ph. : +91-11-4749 4600
CIN No. : U33119KA1999FTC025496

Subj : Proprietary Article Certificate(PAC) for ORA System with VerifEye+ Technology

This is to confirm that **ORA System with VerifEye+ Technology** is a **Proprietary Product** of **M/S. Alcon Laboratories Inc. Fort Worth, Texas, USA** with the following Unique Features in our system and to best of our knowledge no other firm is manufacturing the same.:

1. The system have the capability to measure refraction during surgery, supporting accurate IOL selection and placement
The System is able to provide aphakic and pseudophakic intraoperative information about IOL lens selection and placement
2. The System consists of:
 - a. Optical head mounted to the surgical microscope
 - b. Freestanding cart housing the touchscreen monitor and CPU
 - c. Work station with secure web based data system
 - i. Stores patient clinical data
 - ii. Provides data analysis
3. Work station have Web-based Data System
 - a. Allows for entry of pre and post-op information into the database from any computer via the web
 - b. Entering post-op results facilitates optimized ORA IOL power calculations for each lens model and for each surgeon
4. System Aberrometer provide information that allows for a more refined treatment plan using both aphakic and pseudophakic refraction for:
 - a. IOL power calculation
 - b. Axis of astigmatism
 - c. Magnitude of astigmatism
5. Refraction laser for axis co -alignment have the wavelength of 780nm
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8. The cart have following functions:
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11. The system is capable to be mounted on a variety of ophthalmic surgical microscopes and is designed to function with a 200 mm focal length microscope objective lens.

Thanking You

Yours Sincerely
For Alcon Laboratories India Pvt. Ltd,


Amit Saxena
(Zonal Sales Manager – Key Accounts)

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