



**ALL INDIA INSTITUTE OF MEDICAL SCIENCES,
JODHPUR**

Admn/Prop/11/2020-AIIMS.JDH

Dated: - 15th June 2020

Subject: Purchase of Advanced Phacoemulsification System for the department of Ophthalmology at AIIMS, Jodhpur on proprietary basis-

Inviting comments thereon.

The Institute is in the process to Advanced Phacoemulsification System for the department of Ophthalmology at AIIMS, Jodhpur from M/s Alcon Laboratories (India) Pvt. Ltd, 3rd Floor, Crescent-4, Prestige Shantiniketan, Whitefield, Bangalore- 560048 on proprietary basis. The proposal submitted by M/s Alcon Laboratories (India) Pvt. Ltd, Bangalore- 560048 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/10/2020-AIIMS.JDH. The comments should be received by office of Administrative Officer, Medical College at AIIMS, Jodhpur on or before 07th July 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.



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Alcon[®]
INDIA

Reference No: PC-Nov17-01

Date: 14-Nov-2017

Alcon Laboratories (India) Pvt. Ltd.
3rd Floor, Crescent - 4,
Prestige Shantiniketan, Whitefield
Bangalore - 560 048.
Ph : +91-80-4006 4600 / 4006 4300
Fax : +91-80-4006 4800
CIN No. U33119KA1999FTC025496

TO WHOMSOEVER IT MAY CONCERN

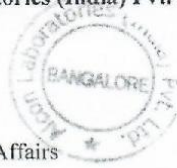
This is to certify that **Centurion Vision System** is a sole proprietary product of the legal manufacturer **Alcon Laboratories, Inc.**, 6201 South Freeway, Fort Worth, TX 76134-2099 USA, having the salient features as per the product specifications.

Only Alcon Laboratories (India) Private Limited is supplying this product in India.

For Alcon Laboratories (India) Pvt. Limited,

Dr. Jayasheel B.G.

Head- Regulatory Affairs



E-mail : alcon.india@alcon.com Website : www.alcon.com/in



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Alcon

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Website : www.alcon.com/in
CIN No. : U33119KA1999FTC025496

To,
The Director,
All India Institute of Medical Sciences,
Jodhpur.

Dated: 21st November, 2019

Dear Sir,

Subject: Confirming Emco Tech Equipments Private Limited as Authorized Distributor for Alcon products for AIIMS Jodhpur.

We, **Alcon Laboratories (India) Private Limited** having our registered office at 3rd Floor, Crescent 4, Prestige Shantiniketan, Whitefield, Bengaluru – 560 048 hereby confirm that **Emco Tech Equipments Private Limited** having their office at F-1/B, 1st Floor, Cross River Mall, Plot No. 9B & 9C, Central Business District, Near Karkardooma Court, Shahdara, Delhi – 110 032 is Authorised Distributor for Alcon products within your territory and has authority to submit budgetary quote with your esteemed organisation.

For Alcon Laboratories (India) Private Limited

Sandeep Bothra

Sandeep Bothra
Country Business Head - Surgical
Authorised Signatory



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Advanced Phacoemulsification System

The phacoemulsification system should be of the latest model with advanced features and facilities as specified below :

Fluidics :

1. The System Fluidics should allow the surgeon to target intraocular pressure in the eye for the "system" during surgery .
2. The System Fluidic should detect and compensate for dynamic changes occurring in the fluidics system (Including Irrigation Pressure Detected at IPS & Aspiration Pressure detected at APS) to maintain the surgeon selected target IOP in the fluidics system comprising the eye as well.
3. The System Fluidics should lead to excellent chamber stability via less variation in pressure during the procedure compared to other systems with:
 - Only gravity fluidics
 - Highly non compliant tubing
 - Slow almost zero venting of air in fluidics system
4. Optical Pressure Sensor (OPS)
 - Measures deflection of Irrigation & Aspiration Pressure Sensor diaphragms
 - Reads 2D barcode with calibration info
5. Dual Segment Pump with Advanced Fragmented Pump design
 - High Capacity
 - Low Pulsations (waveform canceling)
6. Should have the facility to use Vacuum level of 650 + mm Hg and reach Aspiration Flow Rates of 60 CC/ Min.

Phacoemulsification :

1. Best in class Phaco: Torsional Hand piece and facility with high efficiency "Balanced Tip" which accounts for the least heat generation at the wound site .
2. Capability to perform MICS with sub 2.0 mm sizes as well with the use of Balance Tip and appropriate disposables .
3. The system should indicate the Patient Eye Level (PEL) at all times during the surgery .
4. The System should also give warning for the Irrigation Empty Bag
5. System should have the ability to drive Torsional Hand piece with an oscillating frequency of 32 Khz,



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6. The torsional handpiece should be able to phaco drive latest generation tips like Kelman, Flared , min flared and aspiration bypass (ABS) tips in both 1.1MM OR 0.9MM configurations.

Other Features :

1. AutoSert– Motorized/Automated IOL injection

2. Ergonomic Wireless Footswitch

3. Facility for integration with “Digital Surgical Guidance” systems and also display of machine parameters and guidance parameters as Heads Up Display in the microscope as well by means of external accessory /adaptation as described below.

- Integration with Surgical Guidance System
- Seamless integration of guidance steps into the procedural sequence
- Phaco parameters overlay in surgeon’s ocular
- Patient/Eye confirmation in the OR: registration of eye with respect to pre-operative reference image
- Eye tracking and guidance overlay for
- Incision
- Capsularhexis
- IOL centration and/or orientation

4. Facility to integrate “High Definition Media Center” archiving system when connected to the system.

- HD Recording on built-in hard drive or USB
- Centurion data embedded in each video frame
- Wireless connection to Centurion
- Basic editing capabilities
- Remote control

5. The System should be able to drive have 23ga anterior vitrectomy probe with high speed cut rates of 4000 CPM.

System should have a wireless remote control for easy changing of functions etc during surgery , a full fledged Graphic User Interface (GUI) complete with voice feed back when parameters are changed etc.

(Handwritten signatures)