

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

Ref. No. SO/RPC/Vitreotomy(7500)/2015-16

Dated: 29.08.2015

Subject: Purchase of Vitrectomy Machine (7500 Cuts/minutes)– 01 No. for Unit-I&II, 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/Vitreotomy(7500)/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

Vacuum

1. Should have the facility to generate direct Venturi vacuum of up to 650 mmHg through cassette **system having at least 2 independent aspiration ports.**

CUTTER

1. Should have the ability to drive vertical guillotine vitrectomy cutter to go up to 7500 cuts/minute
2. Should have the facility to allow surgeon to select from 3 different duty cycle options at any given cut rate.
3. Should have the 3-D technology to linearly control vacuum and cut-rate simultaneously in vitrectomy mode

IOP Control

1. Should have the capacity to monitor infusion pressure constantly and compensate the infusion pressure constantly and have stable IOP

Illumination

1. The system should have the facility to monitor the bulb life.
2. The system should recognize the gauge of illuminator connected and adjust the illumination accordingly.
3. The system should have the facility to monitor the bulb life, to avoid surprises.

Laser Facility

The System should have facility for incorporating inbuilt green laser capability with the following facilities:-

1. The Green Laser should have dual port option.
2. Should have a multifunction foot pedal with Voice Confirmation.
3. The System should have RFID capacity, which recognizes the probe connected, and loads the settings.

MIVS

1. Should have the capacity to support MIVS options like 23 G and 25G +
2. Should have a single entry system for the micro incision VR surgery

Other Facilities:

1. The System should have Vented Gas Forced Infusion Capability and Automated Silicon Oil Injection Capability
2. The system should have the Auto Fluid / Air Exchange and Auto Gas Fill (C3F8 and SF6) option
3. Should have the fully programmable footswitch with the facility to change procedural modes through footswitch.
4. Should have the facility of diathermy
5. Should have digital control for infusion pressure and the facility to shift between regular infusion pressure and an higher alternate pressure (with footswitch)
6. Should have the facility for the extrusion of sub-retinal fluid.
7. Should have the facility of voice re-confirmation
8. Should have programmability to store various parameters.
9. Should have the facility for Anterior Vented Gas forced infusion.
10. Linear, Pulse, Burst and 3D in Phaco mode , Irrigation/ Aspiration mode and facility of fragmentation with the help of 4 crystal Ultrasound hand piece.



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CIN No. : U33119KA1999FTC025496

Date: 17/07/2015

Proprietary Article Certificate(PAC) for Constellation Vision System.

This is to confirm that the **Constellation Vision System** is a **Proprietary Product** of our principals **M/S Alcon Laboratories Inc. Fort Worth, Texas, USA** with the following Salient/Unique Features:

1. This system have the facility to generate direct Venturi Vacuum of up to 650 mmHg through cassette system having 2 independent aspiration ports.
2. This system have the ability to drive vertical guillotine Vitrectomy cutter to go up to 7500 cuts / minute.
3. This system allow the surgeon to select from 3 different **Duty Cycle** options at any given cut rate.
4. This system have the 3-D technology to linearly control vacuum and cut-rate simultaneously in Vitrectomy mode.
5. This system have the capacity of **IOP Control**, which monitor infusion pressure and also compensate the infusion pressure constantly with results in a more stable **IOP**.
6. This system have dual port Xenon Light Illumination and it recognize the gauge of illuminator connected and adjust the illumination accordingly
7. This system have the facility to monitor the Bulb life, to avoid surprises
8. This System is incorporated with inbuilt **532 nm Green Laser facility** which have dual port option, Multi-Function Foot Pedal, Voice Confirmation and RFID capacity, which recognizes the probe connected, and automatically loads the settings.

Other Facilities :

1. The System have the Vented Gas Forced Infusion Capability
2. The System have the Automated Silicon Oil Injection Capability



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3. The System have Auto Fluid / Air Exchange
4. The System have Auto Gas Fill (C3F8 and SF6) option
5. Have the fully programmable footswitch with the facility to change procedural modes through foot switch.
6. Have the facility of diathermy.
7. Have the facility to digitally control the infusion pressure and the facility to toggle between a regular infusion pressure and an higher alternate pressure (to achieve tamponade effect) with the help of footswitch.
8. Have the facility to do Anterior Torsional Phacoemulsification , with 4 crystal Handpiece
9. Have the facility for Anterior Vented Gas forced infusion.
10. Have the availability of Linear, Pulse, Burst and 3D in Phaco mode

The declaration is being issued for Tender Process.

For **Alcon Laboratories India Pvt. Ltd,**


Amit Saxena

(Zonal Sales Manager – Key Accounts)