

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

Ref. No. SO/RPC/Vitrectomy(8000)/2015-16

Dated: 29.08.2015

Subject: Purchase of Vitectomy Machine (8000 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. D.O.R.C, Netherland, on proprietary basis. The proposal submitted by M/s. D.O.R.C, Netherland 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/Vitrectomy(8000)/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

(I) Vitrectomy

- **Ultrahigh speed vitrectomy: at least – 8000 cpm each way (Twin duty cycle – TDC)**
- **Optimized duty cycle**
- **Single cut function also**

(II)

VacuFlow & aspiration system :

Is a revolutionary fluid control system that uses pistons and timed valves to control the transportation of fluids in either vacuum or flow modes. The system eliminates the risk of unwanted pulsation and delivers the precise flow or fast vacuum, as required by the surgeon. Vacuum control, 0 - 680 mmHg (@sea level)

- Flow control 0-75 cc/min and 0 – 650 mmHg at least
- Single cartridge for anterior, posterior or combined procedures

- 1x irrigation, 2x aspiration ports at least.

(III) LED Endo illumination

LED illumination means minimal UV or IR damage to the retina. Furthermore you can control the colour from white to yellow along with the intensity of the light depending on the type of surgery and/or the preference of the surgeon. Due to the longevity you do not have to replace bulbs so the LED offers you a cost effective solution as well (constant output) no safety filters needed

- 3 independent output ports
- Intensity 0 – 100%
- Color adjustment, white to yellow in gradients
- At least 8.000 hours life time

(IV)

The Automatic Infusion Compensation: ensures a stable intraocular pressure during vitreoretinal procedures.

Gravity by integrated automatic IV pole:

30 – 140 cm or 0 – 110 cm with extension

- Vented Gas Pressure Control: 0 – 100 mmHg at least.

- Fluid tamponade

Laser

Integrated green 532 nm laser with wireless foot pedal.

DORC

Dutch Ophthalmic
Research Center

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STATEMENT


D.O.R.C. Dutch Ophthalmic Research Center (International) B.V. herewith declares that EVA, manufactured by D.O.R.C. Dutch Ophthalmic Research Center (International) B.V., Scheijdelweg 2, 3214 VN Zuidland with the below features:

- VacuFlow VTI
- Air module
- Vitrectomy module (max. cut rate 8000 CPM)
- Endoillumination module
- Diathermy module
- Phaco Emulsification/Fragmentation module
- Proportional Scissors module
- VFC module
- Laser module (if applicable)

The design of EVA and the corresponding manufacturing process is property of D.O.R.C. Dutch Ophthalmic Research Center (International) B.V.. This knowledge has not been shared with any other company currently manufacturing a vitrectomy system with the above said configuration.

D.O.R.C. Dutch Ophthalmic Research Center (International) B.V. declares that this information is accurate and true.

D.O.R.C. Dutch Ophthalmic Research Center (International) B.V.



Michelle Cornelisse - van Zijl
Officer Regulatory Affairs

Zuidland, August 5, 2015

