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Indent No. 20164284

PRE QUALIFYING REQSUISITES

1. Vender should be an OEM or authorized dealer. In case of authorized dealer, Vendor should submit their authorization certificate. In case of manufacturer, Vendor should submit a certificate from a reputed agency that it is a manufacturer.
2. Vendor shall provide the list of the customers to whom offered item / similar items has been supplied in the past three years prior to date of opening of tender.
3. Vendor should furnish satisfactory performance certificate at least one customer where the offered model has been installed and working satisfactorily at least 12 months prior to date of opening of tender. Vendor should give their name, email id and postal address.


(Dr. S. Das) 18/11/16

Head (Ophthalmology)


Chief Medical Services 19/11/16

TECHNICAL SPECIFICATIONS FOR PHACO EMULSIFICATION SYSTEMS

1.0 ULTRASOUND

- 1.1 Fully programmable multi processor control system.
- 1.2 Micropulse with pulse shaping technology.
- 1.3 Micropulse technology to be available in both continuous and pulse mode.
- 1.4 Auto tuning mode.
- 1.5 Phaco pulse frequency setting and duty cycle should be adjustable.
- 1.6 Diff. type of pulse to be long, power, short with adjustable no. of pulse.
- 1.7 Micropulse in both mode should be there.
- 1.8 System should have whitestar ICE technology for efficient cutting.

2.0 Pump

- 2.1 Should have a peristaltic digital pump.

3.0 Fluidics

- 3.1 Closed fluidic system with aspiration 0-50 / min with maximum vacuum 500 mm of Hg.
- 3.2 Should have a gravity fed reflux system.
- 3.3 Should have fluid venting system.

4.0 Occlusion mode

- 4.1 Should have a programmable occlusion mode.
- 4.2 Should have reusable and disposable tubing options.

5.0 Phaco Hand Piece

- 5.1 Digital light weight crystal hand piece.
- 5.2 Should be able to drive white star ICE cold phaco and also bland of both transversal as well as longitudinal phaco to provide ultra-smooth cutting.
- 5.3 Frequency should be 38-40K. Hz.

6.0 Diathermy

- 6.1 Type – Bipolar coagulation capacity
- 6.2 Power delivering linear, burst or panel

7.0 Display

- 7.1 8-9 inch wide color LCD display

8.0 Ant. Vitrectomy

- 8.1 Should have a TAC vitrectomy probe with maximum cutting 600 cuts / min, reusable & autoclavable.

9.0A programmable detents and side switches.

10.0 Should be able to support the MCCs platform (micro co-axial cataract surgery) via 2.2 mm incision.

11.0 Capvac facility for polishing post capsule.

12.0 Warranty should be 12 months from the date of successful commissioning at BHEL, Haridwar Hospital.

13.0 Accessories

13.1 Extra tubing and extra hand piece with machine.

13.2 Extra tips (2 each).

13.3 Extra sleeves (10)

13.4 CVT

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