

Dr Baba Saheb Ambedkar Hospital
(Govt of NCT of Delhi)
Sector-6, Rohini, Delhi – 110085

Hospital Open Tender – List of Items (Ophthalmology)

Tender ID – 2017_BSAH_130983_8

S. No.	Name Of The Items	Specification If Any	Unit(s) required*
1	SLIT LAMP FOR OPHTHALMIC USE	<ul style="list-style-type: none"> ➤ MAGNIFICATION :6x/10x/16x/25x/40x ➤ FIELD OF VISION: 5mm to 45 mm ➤ EYE PIECE MAGNIFICATION : 12.5X (Compensation for Ametropia \pm 8.00) ➤ WIDTH OF SLIT IMAGE: ➤ LENGTH OF SLIT IMAGE: VARIABLE :1 to 12 mm (Continuous with scale indication) ➤ ROTATION OF SLIT IMAGE: Continuous \pm 90° ➤ DECENTRATION OF SLIT IMAGE : \pm 4° horizontally fixation at 0° ➤ SWIVELL RANGE OF SLIT PROJECTOR : 180° , SCALE FOR ANGULAR DIFFERENCE WITH CLICK STOPS AT -10° /0° /10° ➤ Angle of incidence :Variable steps of 0°/5° /10° 15° 20° ➤ FILTERS: Blue, Red free, Grey, Red, Swing in diffuse screen, swing in, barrier filter yellow. ➤ FREE WORKING DISTANCE (Range): 85 to 90 mm ➤ TRAVEL OF INSTRUMENT BASE (Range):Verticle 25 to 30 mm; lateral 100 to 115 mm, axial 90 to 95 mm ➤ ILLUMINATION: LED (15V) ➤ BRIGHTNESS : Continuously adjustable ➤ ACCESSORIES : GOLDMANN TONOMETER, SPARE LED → ONE 	3 (Three) Nos.
2	Nd – YAG LASER FOR OPHTHALMIC USE	<div> <div> ➤ <u>YAG LASER</u> <ul style="list-style-type: none"> ▪ LASER WAVE LENGTH → 1064 nm ▪ Mode → Supergaussian ▪ Optical breakdown → 2.5 mj in air ▪ Pulse length → < 4ns ▪ Minimum laser energy → 0.2 mj to 10 mj (Single Pulse) ▪ Max. laser energy → single pulse → 10mj Double pulse → 24 mj Triple pulse → 35 mj ▪ Cone angle → 16° ▪ Focus diameter → 10 μm in air ▪ Focus shift → 150 μm (Variable) </div> <div> ➤ <u>AIMING BEAM</u> <ul style="list-style-type: none"> ▪ Diode→ 670 NM ▪ Power → 5μw - 150 μw ▪ 4 Point beam focusing system </div> </div>	1 (one) nos.

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		<p>➤ <u>LASER SLIT -LAMP</u></p> <ul style="list-style-type: none"> ▪ Magnification 5/8/12/20/30x ▪ Slit adjustment → Slit Height 1/3/5/9/14 mm ▪ Slit width 0 – 14 mm (continuous) 	
3	OPHTHALMIC ULTRASOUND A/B SCAN	<p>➤ Compact A/B Scan</p> <ul style="list-style-type: none"> ▪ High Resolution images (Still & Video option) ▪ Touch Screen & compatible with desktop /laptop via USB operating under window 7 / window 8. ▪ User friendly image processing tools ☞ Measurement calipers , area & marker ☞ Image filters for tissue differentiation ☞ Multi stage zoom System <p>➤ AXIAL LENGTH MEASUREMENT PROBE (10/11 MHz)</p> <ul style="list-style-type: none"> ▪ Adjustable gain : 20 to 110 db ▪ Time gain control : 0 to 30 db ▪ Transducer frequency : 10 to 11 MHz ▪ Aiming beam : LED ▪ 6 formulas for IOL power calculation ▪ 6 formulas for K correction ▪ Compatible with contact / immersion technique <p>➤ B Scan Probe (10 MHz)</p> <ul style="list-style-type: none"> ▪ Adjustable gain 20 to 110 db ▪ Time gain control 0 to 30 db ▪ Manual & Synchronized dynamic range adjustment – 25 to 90 db 	01 (One) Nos.
4	OPHTHALMIC OT TABLE	<p>➤ Adjustable cushioned head rest for ophthalmic surgery.</p> <ul style="list-style-type: none"> ▪ DIMENSIONS <p>LENGTH : 1800 TO 2000 MM</p> <p>WIDTH : 550 TO 600 MM</p> <ul style="list-style-type: none"> ▪ MOTORIZED HEIGHT ADJUSTMENT <p>MINIMUM : 600 TO 700 mm</p> <p>MAXIMUM : 900 TO 1000 mm</p> <p>➤ Tredlinberg & reverse Tredlenberg 25°</p> <p>➤ TILTING</p> <p>Lateral ; 20°</p> <p>Head Section : 20° to 30°</p> <p>Leg Section : 20° to 30°</p>	02 (Two) Nos.

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		<ul style="list-style-type: none"> ➤ Floor locking device. ➤ Facility for transformation form OT Table to transport chair. ➤ Ample leg room for surgeon. ➤ Hand Control & foot control for every movement. ➤ All movements to be motorized. ➤ High load bearing castor Wheels. 	
5	DOCTOR'S STOOL	<ul style="list-style-type: none"> ➤ Circular , size 38 cm x 8 cm ➤ Smooth 360° rotation. ➤ Polyurethane seat surface. ➤ Adjustable back rest. 	04 (Four) Nos.
		<ul style="list-style-type: none"> ➤ Optimal elbow & upper back Support. ➤ Smooth Seat height adjustment by inbuilt Gas cylinder (5 to 70 cm). ➤ Chrome plated smooth surface ➤ Bottom for foot rest. ➤ Movement by high quality castors. 	
6	OPHTHALMIC BIPOLAR CAUTERY	<u>OPHTHALMIC WET FIELD BIPOLAR COAGULATOR (SOLID STATE)</u> <ul style="list-style-type: none"> ➤ Electro surgical unit with lower power ➤ High frequency solid state circuitary. ➤ Re- usable forceps, erasers & Cables. ➤ Foot Switch Control. ➤ Audible indication for output. ➤ Dial for variable power output. ➤ Voltage 230 V AC ➤ Frequency: 50/60 Hz. ➤ HF output power :10 Watts. ➤ Power adjustment control. ➤ Display range 0 to 10 ➤ Indicator light for Power ON. 	02 (Two) Nos.
7	OPHTHALMIC A-SCAN BIOMETRY EQUIPMENT	<ul style="list-style-type: none"> ➤ Compact A Scan Biometry ➤ Touch screen & Compatible with Desktop or Laptop. ➤ Biometry probe: <ul style="list-style-type: none"> ▪ Adjustable gain ; 20 to 110 db ▪ Time gain control : 0 to 30 db ▪ Aiming beam : LED ▪ 6 formulas for IOL power calculation ▪ Compatible with contact / immersion technique 	01 (One) Nos.

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8	TITANIUM MCPHERSON'S FORCEPS	➤ MICRO TIP	20 (Twenty) nos.
9	TITANIUM SUTURE TYING FORCEPS	➤ Micro fine tip	20 (Twenty) Nos.
10	TITANIUM LIM'S FORCEPS	➤ Toothed tip	30 (Thirty) Nos.
11	TITANIUM DIALER	➤ Micro fine tip	10 (Ten) Nos.
12	DUMB BELL DIALER (FINE) (TITANIUM)	➤ Micro fine tip	10 (Ten) Nos.
13	CAPSULARRHESIS FORCEPS (TITANIUM)	➤ Micro fine tip	10 (Ten) Nos.
14	STAINLESS STEEL SURIOR RECTUS FORCEPS	➤ Micro fine tip	10 (Ten) Nos.
15	WIRE SPECULUM (TITANIUM)	➤ Micro fine tip	10 (Ten) Nos.
16	TITANIUM VANNA'S SCISSOR'S (MICROFINE)	➤ Micro fine scissors	10 (Ten) Nos.
17	INDIRECT OPHTHALMOSCOPE	➤ Optical System mount and on/off design ➤ Illumination : White LED light ➤ Spot Size : Small , Intermediate , Large ➤ IPD range : 48 to 74 mm ➤ Small pupil Capability ➤ With rechargeable lithium battery and cord option ➤ Accessories ▪ Battery pack with charger ▪ Wall mount ▪ Spare LED bulb -> (One)	02 (Two) Nos.
18	ILLUMINATED VISION DRUM	➤	3 (Three) Nos.
19	SHIOTZ TONOMETER	➤	3 (Three) Nos.
20	NON CONTACT TONOMETER	➤	01 (One) Nos.
21	TRAIL SET WITH TRIAL FAME	➤	02 (Two) Nos.

*The quantity is approximate and may vary at the time of placing orders.