

25. Should operate from 110-240 V 50-60Hz
26. All equipment should have safety certificate from competent authority (CEI/FDA/ISI/SPX/CS certificate / VCCI certificate of valid tested electrical and functional safety test report from IRTL. Copy of the certificate / test report shall be produced along with the technical bid
27. 2 kVA online UPS with 30 min back up power

RIO-Group- J;

:-Operating Microscope High End:Qty.

Technical Speciation

1. This should be a high end system with which High resolution view of anterior Segment (Wide angle and high Magnification view) is possible facilitating cataract surgery and recording of the same.
2. Main Microscope with motorized zoom: Motorized: 4.2 x – 21 x (0.42-2.1) with automatic reset.
3. Focusing: Motorized with 55 mm travel and automatic reset.
4. XY Coupling: Motorized with 60 mm movement range and automatic reset Base : 33"X 31"X 10"with 5 dual locking casters.
5. Illumination: Hallozen
6. Pupillary distance: 50 mm -75 mm.
7. Maintains a consistently stable, high quality red reflex regardless of pupil size centration lens tilt or patient eye movement.
8. Grater depth of focus with an approximately 60 mm longer focal length that maintains equivalent working destine
9. XY Communication system: At- a- glance to unique parameters, such as XY and focus position full color.
10. Fully Programmable wireless/ wired foot pedal control.
11. XY Position: Allows constant confirmation of positioning within the XY field .
12. Focus position : Enables awareness of excursion point.
13. True magnification : Useful for evaluating procedures and gaining feedback.
14. Assistant scope coaxial
15. Allows 180° swivel for postioning convenience.
16. Objective: wd =165 mm or wd=175 or wd=190 or wd=200 mm
17. Binocular Tube: 0° -200° or more inclinable: f=170 mm
18. Eyepieces: 12.5 X with widefield telescoping eyecups.
19. Floor stand: Spring-adjusted articulatin arm, Horizontal reach: Arm=47"End of optics=50"Vertical reach: 28" Rotational angle: 320°
20. Speed adjustable for focus zoom & XY
21. Video adapter with c-mount, fine focus, iris and XY adjustment with HD System, camera
22. 36" LED TV Monitor for Display.
23. Reset of focus Zoom XY position with a single push of a button
24. Biom with lenses with inverter
25. USB functionality for video and still image capture.
26. Video Recorder and other accessories needed for recording of high resolution video of surgeries through the microscope
27. 2 sets of Autoclavable Silicone cover for all the adjustment knobs of the microscope

28. Should operate from 110-240 V: 50 – 60Hz
 29. All equipment should have safety certificate form a competent authority CE/ FDA (US) / STQC CB certificate / STQC S certificate of valid detailed electrical and functional safety test report from ERTL. Copy of the certificate / test report shall be produced along with the technical bid.
 30. 2 KVA online UPS with 30 min back-up needed.
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B; SLT.

Specification for SLT Laser

Laser System	:	Q-Switched, frequency-doubled Nd:YAG; 532 nm wavelength
Pulse Duration	:	3 nanoseconds
Repetition Rate	:	3 Hz
Energy Settings	:	0.30 to 2.0 mJ
Pulse Setting	:	Single pulse-on-demand
Spot Size	:	400 micron
Aiming Beam	:	Diode laser; coaxial, 635 nm wavelength, variable intensity
Display delivered.	:	Display should show exact no. of Shots and total Energy
Cooling System	:	Air convection
Power Requirements:	:	120-230 VAC, 50/60 Hz, switchable input
Slit Lamp	:	imported slit lamp
Magnification	:	5 Step Magnification
Table	:	Imported Motorized Table
Weight	:	10-12 kg
Optional Accessories:	:	SLT Lens, Remote Control
Certification	:	FDA/CE Approved

c: FIELD ANALYSER

Specification

STIMULUS:

GOLD MAN STIMULUS SIZE

WHITE ON WHITE

BLUE ON WHITE

BLUE ON YELLOW

FIXATION CONTROL;

VIDEO EYE MONITORING

HEIJL-KRAKAU FIXATION METHOD

GAZE TRAKING

HEAD TRAKING

LENS TRAKING

REMOTE VIDEO EYEMONITOR AREA OF FIELD TESTED:

90 DEGREE

TEST STRATEGIES:

SITA 10-2,24-2,30-2,MACULA

FULL THRESHOLD

FAST PAC

SCREENING: C-40,C-64,C-76

ANALYSIS SOFT WARE:

SINGLE FIELD ANALYSIS

MULTIPLE FIELD ANALYSIS

FOR BLUE ON YELLOW

GLAUCOMA PROGRESSION ANALYSIS SOFTWARE

PRINTER: FULL PAGE COLOR INK JET

DATA STORAGE OF ADEQUATE CAPACITY ON HD

FORUM COMPATIBLE

TOUCH SCREEN

KEY BOARD

MOTORIZED CHINREST
