

(Rs.2000/= Non Refundable)

SINDH INSTITUTE OF OPHTHALMOLOGY AND VISUAL SCIENCE,
HYDERABAD.
@LIAQUAT UNIVERSITY EYE HOSPITAL HYDERABAD

**SUPPLY OF MACHINERY /EQUIPMENT FOR THE YEAR 2014-15 UNDER ADP SCHEME NO.630
“STRENGTHENING OF EYE HOSPITAL, AT LUH, HYDERABAD”**

TENDER INQUIRY NO.01 /2014-15

DUE ON 25.03.2015

Time of Receipt of Tender Form 12.03.2015 to 01.04.2015 up to 2.00 P.M

Time of Submission of Tender Form 02.04.2015 at 11.30 A.M

Time of opening of Tender Form 02.04.2015 at 12.00 NOON

Offers shall remain open for 60 days from the date of opening. The tenders shall quote their price inclusive of all duties / taxes / Octroi transportation etc, and all other expenses on free delivery to consignee's end at Sindh Institute of Ophthalmology and Visual Science, Hyderabad (Liaquat University Hospital, Hyderabad) basis. Price should be quoted in Figure & words both failing which the offer will be ignored. The offers are required on C&F & F.O.R basis in Pak rupee.

S.No.	Name of Equipment	Qty	Model	Make of Origin	Unit Price In C&F Words & Figures)	Unit Price In FOR Words & Figures)
1.(A)	PHACOEMULSIFICATION SYSTEM FOR HARD CATARACT & PNEUMATIC ANTERIOR VITRECTOMY 1- Hexadisc U/S Handpiece titanium with 6 piezo plates 2- 20 Surgeons programming with "ParaProg" 3- Phaco Modulation choice of Pulse, Bust & CMP 4- Femto Aspiration & Cortex Mode 5- Light weight U/S Handpiece—Less than 50gm 6- Numerical Controlled Peristaltic Pump 7- Vacuum 0-600mmHg 8- Easy Phaco technology for 1.6mm, 2.2mm and 2.8mm incisions 9- Installed software for CMP (Cool Micro Incision Phaco) 10- Ready for easy tip CO-MICS (Co-axial Micro incision surgery) for 1.6mm surgery 11- Kloti RF Capsulotomy 12- Twinac dual pneumatic guillotine cutter for Anterior Vitrectomy – 30 to 1200 cuts per minute 13- Two Years System Warranty. (Country of origin (USA, JAPAN, EUROPE) OR EQUIVALENT	01				
1.(B)	PHACOEMULSIFICATION SYSTEM FOR NORMAL CATARACT • Power Limit & Auto Pulsed U/S • U/S Pulse from 1 to 40Hz • LCD Screen • Up to 25 Vacuum Rise Time Levels • User friendly control software • Programmable footpedal: 6 Options • The overall length of Handpiece 150 mm (tip included), its idea is 13 mm and weights less than 40 grams Technical Specification • Programs • Foot Pedal • Irrigating Pressure source. • Aspiration pump type • Vit cutter type • Vit cutting range	01				
	10 User Programs Double Linear Foot Switch regulated by the height of the irrigation peristaltic with single use or reusable tubing pneumatic guillotine cutter single or repetitive cut from 60 up to 700 cuts/min					

<ul style="list-style-type: none"> • Diathermy Probes • endo-ocular pencil probes • Phaco operating frequency 40 KHz • Maximum Stroke • Operating Modes Continues, Pulsed from 1 to 40Hz, Single Burst, Multiple Burst, Continues Burst • Hand pieces • Hand and Sleeve Range • Tip and Sleeve Range <p>Up to 100µm, with Minimal Stress Control (Patented)</p> <p>Slim 4 Piezoelectric Hand piece</p> <p>For Coaxial Phaco, Co-MICS, MICS (inclusion size range from 1.0mm up to 3.2mm).</p> <p>Consisting with the Following</p> <p>Phaco Hand Piece 1.No, Footswitch 1.No, Phaco Tip 2.No, Tip Wrench 1.No., Silicon Sleeve 3.pcs, Drain Bag 2.Nos, Tubing set 1.No, Test Chamber 2.No, Anterior Vitrectomy Cutter 1.No, Diathermy Cable 1.No, Diathermy Forceps 1.No.</p> <p>(Country of origin (USA, JAPAN, EUROPE)</p>					
<p>OR EQUIVALENT</p> <p>VITRECTOMY Machine/ Combine Procedure VR+Phaco System) With Green Laser 532nm</p> <p>SPECIFICATIONS</p> <p>CONSOLE</p> <p>FOOTSWITCH</p> <p>PERFORMANCE SPECIFICATIONS PRESSURIZED INFUSION/IRRIGATION @SEA LEVEL: Range: 0 to 120 mmHg Accuracy: ±(2% of setpoint +5 mmHg) Flow Rate: 0 to 20 cc/min. for infusion (20 Ga) 0 to 60 cc/min. for irrigation Setpoint Transient: 500 ms maximum IOP CONTROLLED INFUSION: SetpointRange: 0-120 mmHg Repeatability1: ± 2 mmHg Setpoint Response Time: <500 ms (20 Ga) Transient Disturbance Response Time: <500 ms³ FlowRange: 0-20 cc/min 1 BSS Dual chamber mode. 2 BSS medium, 20 gauge high flow Cannula, steady state condition at rated flow range</p>	01				

3 Transient condition from no flow state to 10cc/min

ASPIRATION/SUCTION:
Pressure Range: 0-650 mmHg Vacuum

VACUUM:
Vitrectomy: 0 to 650 mmHg
Fragmentation: 0 to 650 mmHg
Extrusion: 0 to 650 mmHg
Extraction: 0 to 650 mmHg
Irrigation/Aspiration: 0 to 650 mmHg
Phacoemulsification: 0 to 650 mmHg

VITRECTOMY:
Submodes: 3D, Momentary, Prop Vac, VitWet
Cut Rate:
UltraVit™ 7,500 Probe: 001 to 7,500 cpm

PERFORMANCE SPECIFICATIONS...continued

DIATHERMY:
Frequency: 1.5 Mhz \pm 10%
Proportional control.
Waveshape: Sinusoidal
Output power 10 Watts maximum at 100% setting
with 75 \pm 10% ohm non-inductive load
Power range 0 100% of maximum output power

ILLUMINATION:
Light Output through
20GA Fiber Probe: 0-200 hrs: 16 \pm 6 lumens
at 115% set point 1
201400 hrs: 16 \pm 6 lumens
at 115% set point 1
Light Output through
23GA Fiber Probe: 0-200 hrs: 23 \pm 13 lumens
at 115% set point 1
201400 hrs: 23 \pm 13 lumens
at 115% set point 1
Light Output through
25GA Fiber Probe: 0-200 hrs: 18 \pm 8 lumens
at 115% set point 1
201400 hrs: 18 \pm 8 lumens

at 15% set point 1

Based on a representative nominal UFR fiber.

FRAGMENTATION:

Submodes: Linear, Fixed, Momentary
Tip Stroke @ 100%: 3.1 ± 0.5 mils at 100% power
Resonant Frequency: 39.0 ± 1.9 KHz
PulseRateRange: 0 – 100 pps
SCISSORS:
Submodes: Proportional, Multi-Cut

PROPORTIONAL AND CONTINUOUS REFLUX @SEA LEVEL:

PressureRange: 0 to 120 mmHg
Pressure Accuracy: ±(2% of Setpoint +5 mmHg)
MICRO REFLUX:
Pressure Range: 100 ± 50 mmHg
Volume: 15 ± 10 µL

1 measured with unoccluded 20 Ga *UltraVir*™ probe and aspiration tubing

PHACOEMULSIFICATION:

Submodes: Burst, Pulsed, Continuous
Tip Stroke @ 100%: 3.5 ± 0.5 mils
Resonant Frequency: 34kHz – 42Khz ± 10%.
PulseRateRange: 0–100 pulses per second
Burst Length: 2.5 sec – user adjustable
Burst Pulse durations: 5 ms to 500 ms

ANTERIOR VITRECTOMY:

Submodes: Wet, Dry
Cut Rate: 0 to probe maximum

GREEN LASER 532nm(optional):

Treatment beam:
Class: IV
Power: 30 mW to 2 W (maximum)
Wavelength: 532 nm
Aiming beam:
Class: II
Power: less than 1 mW
Wavelength: 635 nm ± 5 nm

DOCTOR MEMORIES:

Storage Capacity: No hard limit; advisory displayed when less than 15% of disk space is available.

<p>TIMER: Range: 0 to 99:99:99 Resolution: 1 s</p> <p>tone VOLUMES @ 1 Meter: Errors/Faults/Invalid Key: 40 to 65 dB, short tones Diathermy: 40 to 65 dB, continuous tone Advisory/Timer Expire/Elev Infusion: 0 to 65 dB, short tones Frag/Phaco/Vacuum: 0 to 65 dB, continuous tone Valid Key: Factory set and not adjustable Volume Accuracy: 6 dB</p> <p>VOICE CONFIRMATION: 0 to 65 dB</p> <p>REMOTE CONTROL: Method: Infrared Channels: 4</p> <p>(Country of origin (USA, JAPAN, EUROPE) OR EQUAL/ANT</p>					
<p>3. <u>Slit Lamp Microscope with Original Goldmann Applanation Tonometer</u></p> <p><u>Specification</u></p> <p>Microscope type : Stereoscopic converging binocular microscope</p> <p>Objective lens : 1.0X, 1.6X</p> <p>Eye piece : 10X, 16X</p> <p>Field of view : 18mm (Objective 1x, Eyepiece 10x) 14.25mm (Objective 1x, Eyepiece 16x) 11.25mm (Objective 1.6x, Eyepiece 10x) 9.00mm (Objective 1.6x, Eyepiece 16x).</p> <p>Pupillary adjustment: 55mm – 82mm (Eyepiece10X), 51mm – 78mm (Eyepiece16X), ± 8D.</p> <p>Diopter adjustment : 6V 20W Halogen lamp</p> <p>Light source : 9, 8, 5, 3, 2, 1, 0.2mm</p> <p>Aperture diameter : Continuous from 0 to 9mm (Circle at 9mm).</p> <p>Slit width : Continuous from 1 to 8mm.</p> <p>Slit length : 5°, 10°, 15°, 20°</p> <p>Slit indication : Cobalt blue, Red-free, 13% ND, Heat absorbing, UV Cut,</p> <p>Filters : IR Cut.</p> <p>Primary input : AC 120/220.</p> <p>Power consumption : 30V/A.</p> <p>Tonometer:</p> <ul style="list-style-type: none"> • Measuring force generated by leverage weight. • Measuring uncertainty of the force impingement on the measuring prism. • Measuring range 0 – 80 mm Hg. 	08				

<ul style="list-style-type: none"> • Measurement of a sitting patient. • Accuracy of approx. ± 0.5 mm Hg. • Direct reading of the IOP in mm Hg. <p>(USA, JAPAN, EUROPE) OR EQUALANT</p>					
<p>4.(A)</p> <p>Operation Microscope for Vitreo Retina Surgery</p> <ul style="list-style-type: none"> • Capable to give wide field of view and allows the surgeon to visualize out as far as the OraSerrata while still maintaining a clear and precise observation of minute and subtle detail in the surgical field. • X-Y translator allows the convenient movement with reset button. • In built observation system for vitrectomy procedures • The incorporated IR cut filter for the reduction of phototoxicity to the Retina. • Simultaneous cataract and vitreous surgery can be performed. • Optical head with built-in beam splitter. • Multifunction footswitch to control all functions e.g., illumination intensity, zoom magnification, focus, illumination angle selection and X-Y positioning. • Anti-stain, water shedding coated lens, Illumination bulb can be easily and immediately replaced. • Full Illumination ($+4^\circ$, $+2^\circ$, -2°) for brightness, stereoscopic view and shadow contrast for superior observation clarity. • Electromagnetic Locking System reliable electromagnetic brakes enable the surgeon to quickly position the optical head during surgery. • Dual Motorized Focusing Mechanism <p>Specification</p> <ul style="list-style-type: none"> • Type: Galileo • Magnification Selection: Continuous Zoom • Eyepiece: 12.5X • Binocular Tube: Parallel • Objective Lens: f=200mm • Magnification Indications: 4.2 / 5 / 6 / 7 / 8 / 9 / 11 / 13 / 15 / 17 / 19 / 21 • Total Magnification: 4.2X - 21X • Power Voltage: AC 100-120V 50/60Hz, AC 220-240V 50/60Hz • Illumination Angle: All ($\pm 2^\circ$, $+4^\circ$) / $\pm 2^\circ$ / Yellow Filter ($+4^\circ$) • Power Input: 280VA • Illumination Bulb: Halogen 12V-100W • Illumination Angle: All ($\pm 2^\circ$, $+4^\circ$) / $\pm 2^\circ$ / Yellow Filter ($+4^\circ$) • Magnetic Locking, Apochromat, Dual Focus system. <p>(Country of origin (USA, JAPAN, EUROPE) OR EQUALANT</p>	01				

4.(B)	Operating Microscope for Anterior Segment <ul style="list-style-type: none"> • For anterior segment surgery at an attractive performance value. • Magnification changer 6:1 zoom, motorized, adjustable speed. • Focusing motorized 50mm, adjustable speed with automatic reset • 200 mm objective, wide field eyepieces with adjustable eyecups. • XY coupling • Intuitive controls for light intensity, focus, zoom and XY speed. • Auto reset and the microscope is ready-to-use. • Direct Halogen illumination system for a homogenous illumination. • Rotable Beam splitter for swing around and save time. • Perfect illumination with optimum contrast and sharper images in natural color. • Anti-microbial nano silver coating , Ag protect for reducing their exposure to surface pathogens. • Compact ,light and easy to move Floor stand with the high quality precision bearing. • CCTV video Recording System. 	03				
4.(C)	OPERATING MICROSCOPE FOR OPD <ul style="list-style-type: none"> • Motorized Focus. • Manual Magnification • Halogen illumination system. • Compact, light & easy to move floor. <p>EUROPE, USA, JAPAN Or Equivalent</p>	01				
05	<p>20-Watt Bipolar Coagulator</p> <p>The 20-Watt bipolar generator is ideal for ophthalmology and small office-based procedures.</p> <ul style="list-style-type: none"> • <i>Adjustable display settings and adjustable audible tone that is heard during output power activation.</i> • <i>Touch-pad control allows the user to easily adjust settings.</i> • <i>Footswitch activated with activation light and stand-by mode.</i> • <i>Weights less than 2 pounds.</i> <p><i>Front panel angles up approximately 30 degrees for better visibility.</i></p> <p>Accessories 110/220V 20W BIPOLAR COAGULATOR WITH FOOTSWITCH, CORDS, AND 1 REUSABLE FORCEPS Country of origin (USA, JAPAN, EUROPE) Or Equivalent</p>	01				

<p>06</p> <p>OPHTHALMIC EXAMINATION UNIT</p> <p>Features and standard equipment: Sliding table top for two instrument –Receptacle and tray for trial lens set-Prima Chair with electrical height adjustment –Transformer for instrument power supply –Overhead lamp with fluorescent light –Chart projector support, adjustable in both height and direction –Anti-dust foldaway drawer for Ophthalmoscope and skiascope. Country of origin (USA, JAPAN, EUROPE) Or Equivalent</p>	01				
<p>07</p> <p>DIAGNOSTIC SET 3.5V INCLUDING:- OPHTHALMOSCOPE, RETNOSCOPE, HANDLE 02, BATTERY 02 & DESK CHARGE</p> <p>SPECIFICATION: COAXIAL OPHTHALMOSCOPE 3.5V 11720</p> <ul style="list-style-type: none"> • The patented Welch Allyn Coaxial vision system facilitates Ophthalmoscopy by enabling easier entry into the eye, a larger field of view and reduced glare compared to standard Ophthalmoscope. • Halogen HPX™ lamp provides 30% whiter, brighter light for true tissue color and long –lasting performance. • Coaxial optics produce a shadow –free-spot ,easier entry into undilated pupils and a large field of view versus standard ophthalmoscope. • Detect corneal abrasions with cobalt blue filter. • Polarizing filter virtually eliminates corneal reflection. • Sealed optics keeps out dust and dirt. • 18 unique aperture / filter combination for greater versatility. • Red-free filter may be used with any aperture. • 28 focusing lenses with a ranger of -25 to + 40 diopters. <p>RETNOSCOPE</p> <ul style="list-style-type: none"> • Make refractions easier than ever by producing one of the brightest, sharpest and cleanest streaks available. • Provides 2.8X the brightest of our standard retinoscopes. • Superior streak quality enables easier and quicker refractions even in patients with small pupils. • Crossed linear polarizing filter eliminates bothersome glare from trial lenses helping you perform a more precise exam. • External focusing sleeve improves comfort and maneuverability. • Sealed optics keeps the lenses clearer for more effective exams. <p>Universal charger and desk sets 3.5V set 71712</p> <ul style="list-style-type: none"> • Compact, portable unit provides convenient drop-in recharging of desk/well-charger instrument handles. 	10				

08.	<ul style="list-style-type: none"> Colored LEDs indicate power to the unit and that handles are charging Advanced circuitry for constant automatic safe charging and optimum lamp performance and life. Compact for convenience and mobility. Optional specula tray convenience stores swabs , otoscope specula and curetters Accepts 3.5 V or 2.5V well-rechargeable Nicard handles ,Lithium Ion Handles and pocket scope TM handles (Only Pocketoscope TM handles require an adapter) (USA, JAPAN, EUROPE) <p>OR EQUALANT</p>	04				
09	<p><u>1-TRIAL BOX FOR REFRACTION WITH TRIAL FRAME</u></p> <p>Specification:-</p> <p>Box: Wood</p> <p>Lens: 265 Piece Lens Set</p> <p>Spherical Lenses Positive and Negative 0.25 to 20.00</p> <p>Spherotoric Lenses Positive and Negative 0.25 to 06.00</p> <p>Lens Optic: Metal Ring</p> <p>Prismatic Lens: 0.5▲-2, 1▲-2, 2▲-2, 3▲-1, 4▲-1, 5▲-1, 6▲-1, 10▲-1</p> <p><u>2-Shellens Chart Drums</u></p> <p>Or Equalant</p> <p><u>SPECIFICATION FOR CENTRAL OXYGEN SUPPLY SYSTEM</u></p> <ul style="list-style-type: none"> New oxygen and nitrous manifold 4+2 ,new Gauges , Oxygen & Nitrous Coil, Oxygen and Nitrous 16 Point for 04 OTs. Oxygen Pint for recovery 02 Nos. Oxygen Point for Ward 04 Nos. Oxygen Flow Meters 06 Nos. Oxygen & Nitrous Valve 30 Nos. Cooper Pipe 620 feet. Oxygen and Nitrous Alarm 02 Nos. Piping color Code. 	12	01			
10	<p>Or Equalant</p> <p>Suction Machine Portable</p> <p><u>Technical Data:</u></p> <ul style="list-style-type: none"> Chassis: Moulded composite (NRFV) Engine pump: With membrane, no lubrication 	4				

	<ul style="list-style-type: none"> • Pump: Flow 800 l/h (13.3 l/min) • Vacuum: Vacuum regulator to 0-600 mmHg (80kPa) • Collecting flask: Glass collecting flask of 1.6litres • Voltage: 230 V / 50 Hz (under request) • Power: 115 V.A. • Size: 34 X 15 X 30 cm • Standards : UNE EN 60601 / EN 61000 / UNE EN 10079 					
11	<p>Hot Air Oven</p> <p>Features:</p> <ul style="list-style-type: none"> • Exterior material: Cold-rolled steel with electrostatic coating. • Stainless steel inner chamber; • PID micro-computer intelligent temperature controller, over-temperature protection; LED display; • Double-layer glass observation window, adjustable airtight buckle lock. • Adjustable speed fan • Large LCD display screen shows the multiple data; has timing function and over temperature protection. • Independent temperature limit alarm system; Auto alarm for heating suspend. • Optional RS-485 interface for software connection. <p>Specifications:</p> <ul style="list-style-type: none"> • Capacity: 65Litres • Voltage: 220V/50Hz • Timing range: 1-9999min • Temperature Range: RT+5~300 °C • Temperature Motion: ±1 °C • Temperature Resolution Ratio: 0.1 °C • Ambient Temperature: 5-40 °C • Heating Power: 1.6W • Inner Chamber Size: 400×360×450mm • Exterior Size: 550×550×840mm • Packing Size: 670×640×970mm • Load per rack : 15/kg 2 for standard configuration 	01				

12	<p>• N.W.: 48Kg • G.W.: 61Kg Or Equivalent</p> <p>ANESTHESIA MACHINE with Multipara Monitor</p> <p>At O3 Gases (2 x O2, 2 x N2O, Air) and 5 Radiometers</p> <p>FEATURES:</p> <p>The Ventilator incorporates a 5.5" TFT color monitor displaying the main Graphic and numerical breathing parameters. The built-in monitor is complete of alarms, trends and display the 5 halogenated Gases, N2O, CO2 with the automatic gas identification.</p> <p>The Integrated Monitor is also equipped with a serial output for the connection to an external remote 15" TFT monitor or to a PC in order to allow a better visualization of the breathing parameters. The Ventilator control system is electronic by microprocessor .</p> <p>Ventilator operates basing on pressure and volumetric principles. It is technically advance and safe, user friendly and intuitive, able to safety any anesthetist's requirement.</p> <p>Among its functions, the system features the automatic calibration system of FIO2 transucer and the calculation of leakages in the pneumatic circuit.</p> <p>Calculated Parameter:</p> <p>Maximum Pressure, Mean Pressure, Hose Pressure, PEEP, VTI, VTE, EXP.MV, Rate, Inspiration Flow, Expiration Flow, High Colony Radio, Inspiration Time, Expiration Time, Pause Time, Display of the following curves, Pressure, Flow, Volume, Loops.</p> <p>Reading is made through an sterilizable flow sensor operating by Magnetic Induction and position inside the Expiratory valve of the breathing system. This technological development allows to eliminate all management cost rising from continuous replacement of flow sensor position directly on the patients mouth and makes the device unique in its gender.</p> <p>Operating Modes:</p> <p>IPPV (AUI), TCV, SIMP, PSV, Manual, Manual Breath</p> <p>Adjustable Parameter:</p>	04				
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<p>O2 built-in Mixer device from 21% to 99%</p> <p>Adjustable ratio 1:1-1:2-1:3-1:4-2:1-3:1</p> <p>Inspiratory Flow, PEEP, Breathing Rate, Minute Volume : Tidal Volume, Inspiratory Pressure Limit, Inspiratory Pause, Inspiratory Time, Trigger</p> <p>Complete with standard accessories including Connecting Hose Pipes, Cylinders and Calibration Certificate</p> <p>Dual vaporizer fitting (Halothane/Isflorane). UK/USA/JAPAN/GERMANY/EUROPE Or Equilant</p>					
<p>13</p> <p>AUTO CLAVE LARGE SIZE</p> <ul style="list-style-type: none"> ▪ Capacity 60L ▪ Max. working pressure 0.14 – 0.16 Mpa ▪ Max. work temperature 126°C ▪ Heat evenness $\leq \pm 1^\circ\text{C}$ ▪ Timer range 0-99 min ▪ Temp range 0-126°C ▪ Power consumption 220 (1 \pm 10%)V , ▪ Steri power / voltage 50 (1 \pm 2%) Hz 4500Watt ▪ Characteristic Auto water-in, cooling air release, sterilize, timing, air release, timing, alarm Over pressure, over temperature protection device : auto pressure release, lack water and overheat protection, over current power cut off ; the door be locked when the pressure inner over 0.027 Mpa with the function of interlock ▪ Dimension 410 x 600 x 1030 (mm) ▪ Trans Dimension 500 x 690 x 1150 (mm) ▪ G.W. 65 Kg <p>Complete with standard accessories including Hose Pipe and Stainless Steel Drum</p> <p>OR EQUIVALENT.</p>	01				

	(UK/USA/JAPAN/GERMANY) Or Equivalent					
14	<p>MINI AUTO CLAVE</p> <p>FEATURES:</p> <ul style="list-style-type: none"> - A cylindrical chamber and jacket is of the secure structure type and its door is equipped with the locking device of radial arm; it locks the door completely airtight. - Precise sterilization temperature is maintained by the automatic pressure regulator and the drying process is executed in a slight created by steam ejector with the excellent drying performance. - Though semiautomatic system with cycle manually operated, it is the cost-effective and practical sterilizer easy to use thanks to its relatively simple structure; the equipment cost, operation expenses and rate of failure are very low. - The standard type is equipped the built-in steam generator operated by three kinds of power supply whose consumption of water is very low; therefore it requires no water line and no restriction of installation. - If the drainpipe made by plasti-like, it can be damaged when the high temperature condensed water exhaust directly after the sterilization. To avoid this a condenser (heat exchanger) should be used with thermostat at water drain line. <p>Specifications:</p> <p>Overall Size : W600 x H1,345 x D930 mm</p> <p>Cabinet : W600 X H1250XD790 mm</p> <p>Cylindrical Stainless Steel Double Shell, Capacity: 85 Liters Size: Ø400 x L680 mm</p> <p>Loading System : Shelves: 1 x W355 x L640mm 1 x W150 x L648mm Rack: 1 set</p> <p>Operating Temperature : 121~132°C</p>	01				

	<p>Air Removal : Gravity</p> <p>Timer : Digital System, 0-90 mins</p> <p>Built-in Steam Generator : Cylindrical Stainless Steel Capacity: 10 Liters</p> <p>Working Pressure: 2.5 kgf/cm² 0.45 Bhp, Heater: 4.5Kw</p> <p>Power Source : AC 230V, 1 Phase, 50/60Hz, 22A</p> <p>Net Weight : 163 Kg</p> <p>OR EQUIVALENT.</p>					
15	<p>O.T LIGHT</p> <p>Automatic Focus system provides automatic, and effective light focus for Eye purpose, adjustment of surgical light within available distance range through Microprocessor controlled</p> <p>Single Dome Lux features capability of revolving freely</p> <p>Complete with standard accessories including Manual</p> <p>OR EQUIVALENT.</p>	04				
16	<p>Electric BOILER</p> <p>Capacity 6 liters</p> <p>VOLTAGE 220 mV</p>	02				

17	<p>O.T TABLE</p> <p>It can be used for Ophthalmic operation,</p> <p>FEATURES:</p> <p>Design to have additional new features in order to effectively position Patients, facilitate access for surgical team and insure patients Safety and comfort.</p> <p>Streamlined design operating table helpfully electromotive hydraulic valve, Line power supply.</p> <p>Electrical, hydraulically powered, optional over right control panel or optional foot controller.</p> <p>Covers are made of stainless steel to provide impact, breakage and disinfectant resistant.</p> <p>OR EQUIVALENT.</p>	04				
18	Split Air Conditioners (1.5 Ton) with Stabilizer & Installation.	20				
19	Multimedia Projector with Screen	01				
20	Computer P-IV with HP Laser Printer & Scanner.	04				

N.B:-

- 1 Free installation/Demonstration at consignee's end must be confirmed by the bidder.
- 2 Two year free service with parts from the date of installation. 05 years service contract and available of spare parts may also be confirmed by the bidders
- 3 Valid Sole agent Certificate / Authority letter from the manufacturer must be provided by the bidder.
- 4 The service manual with circuit diagram will be provided with all above mentioned items.

- 5 The supplier will be bound to train nominated technical personnel to operate and for repair and maintenance of supplied equipment.
- 6 The supplier will be bound to provide free service with parts during warranty period and to supply spare parts accessories of the supplied equipment on demand.
- 7 Joint inspection will be carried out by consignee representative / End User, and Govt. of Sindh, Health Department representative.
- 8 Guaranteed presence of manufacturer's trained service engineer in Karachi.
- 9 Presence of manufacturer's engineer and application specialist during commissioning phase.
- 10 Before submission of bids, installation site / hospital must be visited by the bidder for any calculation.
- 11 The Stock must be supplied before 1st June 2015.

DELIVERY PERIOD: VALIDITY:

General Conditions & Instructions:

- 1.1 The tenders shall be submitted with all documents and drawing literature & catalogue (in equipment) in sealed envelopes, with sealing wax. The envelope must contained tender enquiry No. on the top. The name of manufacturer and the supplier should be affixed on the face of envelope at the left side.
 - 1.2 Tenders must be filled in with blue or black ink in the columns provided/on separate letter Head duly signed.
 - 1.3 The tenders must be free from erasing cutting and over writing. In case of erasing, cutting and over writing, authorized person should initial it.
 - 1.4 The rates of each item should be written in figures as well as in words. In case of discrepancy the price in works will be taken as authentic and final.
 - 1.5 Conditional Tenders will be ignored and will not be considered/entertained/accepted.
 - 1.6 Tenders from shall be accompanied by Earnest Money @ 2.5% of the value of stores quoted by them in form of call Deposit / pay order.
 - 1.7 Original purchase receipt must be enclosed with their offer. Separate original purchase receipt must be enclosed with alternate offer.
 - 1.8 The tendered rate should be inclusive of all taxes, Income & Sales Tax etc payable to Federal & Provincial Govt or Local bodies and no claims on this account shall be entertained.
 - 1.9 The bidder shall furnish General sales tax (GST) Registration Certificate of the firm failing which the offer will be ignored. In case the item is exempted from GST either documentary evident or certificate from competent authority shall be attached with the offer.
 - 1.10 The bidder shall furnish copy of valid professional Tax (Excise & Taxation) Certificate
 - 1.11 The bidder shall furnish an affidavit on non-judicial stamp paper of Rs.100/- that the firm is not black listed in any Government Department.
2. **SPECIAL CONDITIONS:**
- 2.1 Store is required immediately. The tenders may, however, give their short guaranteed delivery period by which the supply will be completed positively.
 - 2.2 Tenders are required to specify make, country of origin and furnish detailed technical Description literature / catalogue along with their offer.
 - 2.3 The Bidders shall quote their firm and final price both in figures & words on "Free Delivery basis to Consignee end & on C&F Basis..
 - 2.4 Also choice to select/ignore any their alternate offers shall rest with the purchaser.
 - 2.5 No manufacturer shall authorize their distributor/agent/any firm or person to quote the same item which manufacturer is quoting it self in any tender. Failing that offers of both the manufacturer, which the manufacturer as well as other bidder shall be ignored.
 - 2.6 Tenders shall purchase separate tender documents and furnish purchase receipts for alternate offer in case they want to submit alternate offer for any items. All the bids with alternate offers without separate purchase receipt (Original) are suppose to be rejected.
 - 2.7 The bidder shall confirm the refund of cost difference if the same goods is/was supplied at lower rates to any other Govt./Semi Government

- Institution or Armed Forces in the province or our side in the same fiscal year.
- 2.8 The Bid shall comprise a single package containing two separate envelopes. Each envelope shall contain separately the financial proposal and the technical proposal.
 - 2.9 The envelope shall be marked as “ **FINANCIAL PROPOSAL** “ and “ **TECHNICAL PROPOSAL** “ in bold and legible letters to avoid Confusion.
 - 2.10 Initially, only envelope marked as “**TECHNICAL PROPOSAL**” shall be opened.
 - 2.11 The envelope marked as “**FINANCIAL PROPOSAL**” shall be retained in the custody of the procuring agency without being opened.
 3. **Purchaser’s Right Vary Quantities at time of award.**

The Purchaser reserves the right to increase/decrease or delete the quantities of goods etc at the time of award of contract and also reserves the right to enhance the quantity by 25% of goods and services originally specified in the Schedule of Requirements without any change in unit price or other terms and conditions of goods at any time during the contract period The purchaser reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to contract award, without thereby incurring any liability to the affected Bidder or bidders on the grounds for the Purchaser’s action
 4. **Notification of Award/Advance Contract:**
 - 4.1 Prior to the expiration of the period of bid validity the purchaser will notify the successful bidder in writing delivery by hand or by registered letter by cable to be confirmed in writing by registered letter that is bid has been accepted.
 - 4.2 The notification of award will constitute the formation of the contract.
 - 4.3 Upon the successful bidder furnishing of the performance security pursuant to Sr.No.1.1 of the instructions and Sr.No.3 of the advance contract the purchase will promptly notify each unsuccessful bidder and will discharge its bid security on receipt of bidder’s request.
 5. **Award of Contract & Contract Agreement**

Subject to the fulfillment of all codal formalities the purchaser will award the contract to the successful Bidder who’s bid has been determined to be qualified to perform the contract satisfactory.
 6. **Performance Security:**

The successful tenders will have to deposit with the purchaser 2.5% Security Deposits of the total value in shape of call Deposit / Pay Order same will be return after 02 year warranty period.
 7. **Criteria for evaluation of bids.**
 - a. Quoted prices.
 - b. Specification compliance/preferred functions
 - a. After sale service facility (In case of equipment)
 - b. Operational cost (In case of equipment & Vehicle)
 - c. Delivery schedule
 - d. Authority letter from manufacturer
 - e. Earnest money.
 8. **Fee for Award of Contract:**

Service charges @ 0.3% of the value of the Contract will be realized/charged by the A.G. Sindh, while making payment to the contractors for award of each contract (If applicable).
 9. **Undertaking:**

That I/we agree whether our tender accepted for total partial or enhanced quantity for all or any single item. I/we also agreed to supply and accept the said item at the rates for the supply of contracted quantity with in the stipulated period shown in the contract.

- 9.2 I/we understand and confirm the refund of cost difference if the same goods is/was supplied at lower rates to any other Govt./Semi Govt. institution in the Province in the same fiscal year.
- 9.3 I/we undertake that, if any of the information submitted in accordance to this tender enquiry found incorrect our contract may be cancelled at any stage on our cost and risk.

CERTIFICATE

We guarantee to supply the stores exactly in accordance with the requirement specified in the invitation to this tender.

Signature of Bidder.....

Name & Designation.....

Address:.....

Income Tax _____

G.S.T No: _____

CNIC No: _____

(Photo Copies must be enclosed)

Land Line # _____

Cell # _____



DIRECTOR

Sindh Institute of Ophthalmology
and Visual Science,
Hyderabad

(Rs.1000/= Non Refundable)

**SINDH INSTITUTE OF OPHTHALMOLOGY AND VISUAL SCIENCE,
HYDERABAD @ LIAQUAT UNIVERSITY EYE HOSPITAL HYDERABAD.**

**SUPPLY OF FURNITURE/FIXTURE FOR THE YEAR 2014-15 UNDER ADP SCHEME NO.630
“STRENGTHENING OF EYE HOSPITAL, AT LUH, HYDERABAD”**

TENDER INQUIRY NO.02 /2014-15

DUE ON 02.04.2015

Time of Receipt of Tender Form 12.03.2015 to 01.04.2015 up to 2.00 P.M

Time of Submission of Tender Form 02.04.2015 at 11.30 A.M

Time of opening of Tender Form 02.04.2015 at 12.00 NOON

Offers shall remain open for 60 days from the date of opening. The tenders shall quote their price inclusive of all duties / taxes / Octroi transportation etc, and all other expenses on free delivery to consignee's end at Sindh Institute of Ophthalmology and Visual Science, Hyderabad (Liaquat University Hospital, Hyderabad) basis. Price should be quoted in Figure & words both failing which the offer will be ignored. The offers are required on C&F & F.O.R basis in Pak rupee.

S.No.	Name of Equipment	Qty	Unit Price (In Words)	Unit Price (In Figures)
01	Office Chair / Fixed Fiber Chairs. As per Standard	200		
02	Computer Table / Trolley Size: 4'x2'x2 1/2" frame made first class Talthi winner board lassani, keyboard tray with japani channel, CPU box, one side drawer with locking key and spirit polish.	2		
03	Office Table Size: 4' x 2 ½ x 2 ½ all made of ¾" thick Venner board inner side with hardboard and top Formica all side. Right side three draws and one tea tray with china lock, Gola of shesham wood may be used on the top. Natural superior quality.	15		
04	Revolving Chair Seat and back full cushion with best quality base aluminum with 05-coaster wheel, high-class revolving & tilting machine heavy back, American Cloth.	10		
05	Steel Revolving Stool As per Standard	20		
06	Wheel Chair (Heavy Duty) Standard size (Sample available in Ward)	02		
07	SURGEONS LOCKER FOR SURGEON CHANGING ROOM (4 Drawer) Sample Available in O.Ts	05		
08	Officers / Executive Table with Glass Size: 6 x 4 x 2 1/2" all made of 3/4" top Glass. Right side three draws one tea tray and other side one draw and one box with lock, Natural superior quality spirit polish.	05		
09	Three Seater Steel Benches for attendants waiting Room As per Standard	10		

<p>10</p> <p>Central Nursing Station / Wooden Counter.</p> <ul style="list-style-type: none"> • Counter Table Size 6 X 8 Feet <p><u>Material :</u></p> <ul style="list-style-type: none"> • 5 set Lasani • Table Top Glass 	04		
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Signature of Bidder.....

Name & Designation.....

Address:.....

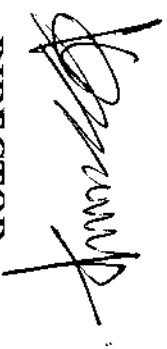
Income Tax _____

G.S.T No: _____

CNIC No: _____
 (Photo Copies must be enclosed)

Land Line # _____

Cell # _____



DIRECTOR
 Sindh Institute of Ophthalmology
 and Visual Science,
 Hyderabad

TERMS & CONDITION OF CONTRACT.

1. I/We _____ Muslim Adult, by
cast _____ R/O _____ bind my self /
ourselves to supply the said item to the Sindh Institute of Ophthalmology and Visual
Science Hyderabad during the financial year 2014-15. The articles are shown in tender
form and the rates are specified against each. The articles shall be of the best quality. The
decision of the Director / officer Incharge authorized by him to act on his behalf (therein
called the said officer) in regard to the quality and kind of the articles shall be final and
binding upon me / us.
2. The supplies shall be delivered whenever required in the presence of the said officer or
his representative and my self/ ourselves or my our authorized agent my / our agent /
agents shall be responsible person/persons and his / their name shall be known to the said
officer in case it is discovered otherwise this contract /tender will be cancelled and
security money forfeited.
3. Should any delay occurs on my / our part or should I / We / Our agent fail to supply the
articles at he given time and place the said officer may purchase them from the Market
out of my / our security deposit and the differences between the contract and Market rate
shall be paid well by me / us.
4. The security money deposited by me /us shall be returned to me / us after successful
completion of the contract.
5. Original purchase receipt must be enclosed with their offer and for alternate offer a
separate purchase receipt must be submitted otherwise alternate offer will be rejected.
6. Tenders from shall be accompanied by Earnest money as per tender form in shape of Call
Deposit / Pay Order.
6. I will supply all the items as offered by me in Tender during the financial year at same
rate and cost without delay/fail.
7. The articles / stores will be delivered upon proper receipt signed by the authorized officer
on the delivery challan. The original challan will be attached with the bills.
8. The Director, Sindh Institute of Ophthalmology and Visual Science Hyderabad reserves
the Right to cancel the part or whole Tenders without any reasons under provision of
SPPRA Rules.
9. I / We perfectly understand all the above conditions and general directions to the
contractor. I /we bind myself/ ourselves to abide by them and I /we also understand
my/our contract, is liable to terminate in case of breach of any of the terms of contract. In
that case my/ our security deposit will be forfeited by the Director, Sindh Institute of
Ophthalmology and Visual Science Hyderabad.
10. The Director, Sindh Institute of Ophthalmology and Visual Science Hyderabad reserves
the right to increase or decrease the quantity of any item of schedules as and when it is
deemed necessary without assigning any reason.

11. The Delivery of stores will be supplied within the stipulated time, failing which security money will be forfeited.
12. In case of late delivery penalty of 2% of the total cost of the ordered items will be imposed after the expiry of the given period.
13. The Director, Sindh Institute of Ophthalmology and Visual Science Hyderabad reserve the right to impose the following penalties for any breach of the contract by tenderer.
 - (a) Forfeiture of the Security money
 - (b) Forfeiture of payment
 - (c) Black listing of the firm
14. I / We shall abide by the General Sales Tax rules as applicable.
15. The approved tenderer(s) has/have to deliver the material on F.O.R basis at Sindh Institute of Ophthalmology and Visual Science Hyderabad (Institute Premises).
16. Income Tax, GST and SST will be deducted as per Government rules.

OTHER DIRECTIONS:

1. **TECHNICAL PROPOSAL** should have the following documents.
 - i. Original Tender Receipt.
 - ii. Copy of pay order (showing without amount).
 - iii. Copy of the Bid offer, (without rates) with signature & Stamp.
 - iv. NTN, SST and GST Certificate.
 - v. Professional Tax Certificate (From Excise and Taxation Department).
 - vi. An affidavit of Rs.100/- (Non Judicial Stamp paper) that the firm is not black listed in any Government Department.
 - vii. Sample of quoted item should be provided at the time of opening of tender otherwise tender will be rejected.
2. **FINANCIAL PROPOSAL** should have the following documents.
 - i. Original Pay Order / Bank Draft of Earnest Money.
 - ii. Original Copy of Bid offer with quoted price.

I/We solemnly declare that the information furnished by me/us is correct to the best of my/ our knowledge and if found incorrect our contract will be liable to be terminated.

Signature _____
Name _____

Full Address-----

C. N.I.C No.-----

Income tax No.-----

G.S.T No.....

Cell #

Land Line #.....

(Tender Form Fees Rs.500/-(Non Refundable)



SINDH INSTITUTE OF OPHTHALMOLOGY AND VISUAL SCIENCE HYD
AT LIAQUAT UNIVERSITY EYE HOSPITAL, HYDERABAD

SUPPLY OF UNIFORM / LIVERIES FOR THE YEAR 2014-15 ON RATE CONTRACT SYSTEM

TENDER INQUIRY NO. 03/2014-15

DUE ON 02.04.2015

Time of issuance of Tender form from 12.03.2015 to 01.04.2014 at 02.00 P.M

Time of Submission of Tender on 02.04.2015 at 11.30 A.M

Time of Opening of Tender on 02.04.2015 at 12.00 Noon

S.NO	NAME OF THE ARTICLES	NO / QTY	Requirement	Quoted Items	RATE IN WORD	RATE IN FIGURE
01	Light Green Cloth for Dr's Shirt, Pajama, Dr's Cap	Per Meter	200 Meters			
02	Dark Green Cloth for Technical / Staff Nurse Shirts, Pajama, Caps.	Per Meter	200 Meters			
03	Blue Cloths for Ward Boys / Aya Shirts & Pajama, Caps.	Per Meter	200 Meters			
04	Towell Full Cotton 27 x 54	Each	25 Nos			
05	Towell Full Cotton 20 x 40	Each	25 Nos			

NATIONAL TAX No: _____

GST No: _____

C.N.I.C No: _____

(Photostat copies must be enclosed)

SIGNATURE

NAME OF CONTRACTOR

ADDRESS

CELL NO

LAND LINE NO

INSTRUCTIONS.

1. The tender should be accompanied with 2.5% pay order / demand draft of quoted items as security Deposit in the name of Medical Superintendent, LUH, Hyderabad.
2. The Income Tax /GST / SST will be deducted according to rules of Govt: of Sindh / Pakistan
3. The tenderer will be responsible to deliver the tendered items on his own cost at Sindh Institute of Ophthalmology & Visual Science, Hyderabad.
4. In case of short/late supply it will be purchased from open Market and difference if any will be recovered from the Contractor.
5. Conditional/ Incomplete Tenders will not be accepted.
6. The tenderer should be fulfilling all requirements as per Governemnt rules.
7. Sample of all items should be provided at the time of opening of tender otherwise tender will be rejected.

DIRECTOR

Sindh Institute of Ophthalmology
and Visual Science, Hyderabad