

INVITATION FOR QUOTATION

HSCC/PUR/KCGMC/Low Value/Medical College Items/2017/MC-Pathology Dated: 3rd Oct 2017

To,

All Bidders

Subject: Invitation for Quotations for supply of Low Value Items for below mentioned dept.
Dept. of Pathology for *Kalpana Chawla* Medical College, Karnal, Haryana.

Dear Sirs,

1. Director General, Medical Education & Research, Panchkula, Govt. of Haryana through its Consultant HSCC (India) Ltd. invites most competitive quotation for the following goods of the respective Departments as detailed below:

Annexure - (Including name of items, Specification and Quantity)

(I) Dept. of Pathology

2. Quotation:

- 2.1 The contract shall be for the full quantity as described above.
- 2.2 Corrections, if any, shall be made by crossing out, initialling, dating and rewriting.
- 2.3 The prices quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- 2.4 The unit price/ rate of the item should be clearly indicated in the tender. Rates /Prices quoted shall be Inclusive of all taxes, duties, forwarding, and insurance & transportation up to the destination, Kalpana Chawla Medical College – Karnal. Annexure-A is enclosed for price bid quotation format.

3. Each bidder shall submit only one quotation.

4. Evaluation of Quotations:

The Purchaser shall evaluate and compare the quotations determined to be substantially responsive i.e. which;

- 4.1 are properly signed; and
- 4.2 confirm to the terms and conditions, and specifications.
- 4.3 final considerations of equipments shall be based on the quality of equipments during demonstration / inspection.

5. The Quotations would be evaluated item wise.

6. Award of contract:

- 6.1 The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest rate for the item subject to quality of the items during demonstration / inspection.
- 6.2 Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and cancel the bidding process and reject all quotations at any time prior to the issue of Purchase Order, without assigning any reason.

7. Delivery period shall be within **07** days from date of placement of order.

8. Payment shall be made only in Indian Rupees as follows:

Satisfactory Acceptance and delivery - 100% of total cost

100% Payment on submission of following documents (Duly signed & stamped at your end):-

- Copy of Purchase order.
- Consignee Acceptance Certificate in original issued by KCGMC/HSCC
- Invoice in favour of consignee/Director, KCGMC, Karnal through HSCC (I) Ltd
- Warranty Certificate in original.

9. All supplied items shall be under warranty of **12** months from the date of delivery/successful acceptance.

10. You are requested to provide your offer as follows:

Sr. No.	DESCRIPTION	Closing date & time for submission & receipt of tender	Date and time of Opening of Techno – Commercial Tenders
I.	Department of Pathology	12 th October 2017at 14:00	12 th October 2017 at 14:30

NOTE: (Under any unforeseen circumstances if the due date for submission of Tender is declared as holiday then the tender shall be submitted & opened on the next working day at the scheduled time).

The quotations will be opened in HSCC office, NOIDA as mentioned above in the presence of tenderer or their authorised representative as they may choose to attend.

11. Information brochures/ Product catalogue, if any, must be accompanied with the quotation clearly indicating the model quoted for.
12. Sealed quotation to be submitted/ delivered at the address mentioned below:

General Manager (Procurement)
HSCC (India) Ltd.
E- 6 (A), Sector -1.
NOIDA – 201 301.

THE COVER SHOULD BE SUPERSCRIBED WITH THE FOLLOWING:

Reference to letter of enquiry.
Due date of opening.
Serial No of the Items with Deaprtment.

13. Quoted amount should be in Indian Rupees only.
14. For all items, the Technical Evaluation Committee may opt for Demonstration of the items. The Committee may also ask for Demonstration / Inspection before supply / delivery of the items for quality assurance.
15. Insurance shall be arranged/borne by supplier.

Note: Please indicate the quotation reference no. (Given at the top of page 1 of this letter) and
Serial No of the Items on the top of the envelope.

The details of various medical equipment shall be also made available at www.hsccltd.co.in, and modification/amendments etc, if any, shall only be notified on website only.

We look forward to receiving your quotation and thank you for your interest in this project.

General Manager (Procurement)

Price bid

SI No.	Name of Item	Qty(Nos)	Unit Price(Rs.)	Tax (if any)	Unit Price (Incl. Tax)	Total Price(Incl. Tax) Rs.

We accept all terms and conditions of the above Invitation of Quotation

Authorized signatory
Name , designation and sealed

PATHOLOGY (New List)

S.No.	NAME OF THE ITEMS	No. Required
(B)	Morbid Histology and Morbid Anatomy	
1	Specimen Identification Solutions.	1
2	<p>Paraffin embedding bath. (Preferably Imported)</p> <p>1 Paraffin Reservoir capacity at least 3 liters</p> <p>2 Temperature ranges: Paraffin Reservoir: 50 deg C - 70 deg C (± 2 deg C)</p> <p>Work Surface: 50 deg C - 70 deg C (± 5 deg C) Tissue Holding Tank: 50 deg C - 70 deg C (± 2 deg C) Cold Plate: - 5 deg C to -15 deg C to ambient</p> <p>3 Refrigerant: Cold Plate, Cold Spot (Peltier controlled)</p> <p>4 There should be a Membrane Keypad with LCD/LED to set and display operating parameters, current status, running time and alarm conditions for time and temperature. 5 Resolution of temperature display: ± 1 deg C</p> <p>6 Unit should have self test on power up and should display error codes in case of malfunction for easy maintenance and troubleshooting. Error codes should be indicative of the System failure or a single module failure.</p> <p>7 Dimensions :(All dimensions variations ± 10 % rounded off to integral value.) Height of Work Surface: 6 cm or more Cold Plate: (at least to hold 80 to 100 cassettes)</p> <p>8 Receptacle for 6 forceps</p> <p>9 Pre heated forceps of two types (for small and medium size tissue)</p> <p>10 Drain Wax should remain in melted form System Configuration Accessories, spares and consumables 1 Prices should be quoted for each separately: Standard size Cassettes – 1000 Nos. 2 Large field Magnifying lens with cold light source</p> <p>3 Stainless Steel Moulds of different sizes (Depth 9 to 12 mm) – 80 Nos.</p> <p>4 Paraffin Scrapper – 3 Nos. 5 Halogen Bulb – 12 Nos. 6 Fuse – 12 Nos. Power Supply 1 Power input to be 220-240VAC, 50Hz fitted with Indian plug 2 Reset table over current breaker shall be fitted for protection 3 Suitable voltage corrector/stabilizer .</p> <p>11.Should be USFDA and CE Europe certified.</p>	2
3	Heated Paraffin Embedding Module.	2
4	Cold Plate for Modular Tissue Embedding System.	1
5	Autoclave.	2
6	<p>Centrifuge machine.</p> <p>The equipment should have the following features</p> <p>1. Table Top Version</p> <p>2. Tube capacity: No. 24- 36: Size 5-15 ml</p> <p>3. Digital timer</p> <p>4. Strong fabricated & corrosion resistant steel</p> <p>5. Control panel- for start/stop switch, dynamic brakes,step less speed regulator with zero start switch& sped indicator with timer & protective fuses</p> <p>6. Door interlock</p> <p>7. Maintenance free brushless drive motor with exact speed pre-selection & display. Speed range: 100 to 10,000 rpm & above, accuracy 1 rpm 8. Centrifuge complete with Swig & basic rotors & four buckets- 01 set 9. Power supply: power input: 220- 240 V AC, 50Hz</p>	2
7	<p>Cabinet for 10000 slides.</p> <p>1. For keeping 75x25mm slides .</p> <p>2. Made of Stainless Steel with powder coated finish.</p> <p>3. Door fitted with handle, lock and key.</p> <p>4. Slide trays made of Anodized Aluminum /stainless steel should be arranged separately to avoid any disturbance to other trays, while taking out</p>	1

	<p>or putting in Handle to be provided on each tray.</p> <p>5. The trays should be fitted with uniformly slotted aluminum plates each with index card holder.</p> <p>6. ISI marked.</p> <p>7. Sample to be shown.</p>	
8	<p>Cabinet for 10000blocks4</p> <p>1. Made of stainless steel with powder coated finish.</p> <p>2. The internal drawers should be made of stainless steel/aluminum duly powder coated.</p> <p>3. Each drawer having 8 compartments with capacity of 125 blocks approximately.</p> <p>4. Index card holder and handle to be provided on each drawer</p> <p>5. Handle to be provided on front panel.</p> <p>6. The cabinet should have door for dust free storage & is provided with lock & key.</p> <p>7. ISI marked.</p> <p>8. Sample to be shown</p>	1
9	<p>Autopsy tables.</p> <p>a. Table Top: Inner Size 260 cm (L) x 78 cm (W) x 88 cm (H) appox., jointless stainless steel top at least 16 Gauge thick sheet with no sharp corners & corners of appox 7 cm x 5 cm.</p> <p>b. Top mounted on stainless steel pipe frame for bearing at least 200 Kg weight.</p> <p>c. Graduation: One side of the Table should be graduated from 0 to 200 cm from Head side.</p> <p>d. Sink Size: 50 cm x 30 cm x 25 cm stainless steel jointless with at least 16 Gauge on foot end of the Table with two elbow operated taps for cold and hot water supply.</p> <p>e. Head End: Should have at least 10 holes connected to water supply with tap for continuous flowing spraying of water on table surface.</p> <p>f. Hand Shower: Connected to water supply of the table at one side with table top length.</p> <p>g. Strips: Seven strips of size 65 cm x 6 cm x 1.5 cm made of stainless steel.</p> <p>h. Head rest: Size at least 30 cm x 15 cm x 10 cm made of stainless steel.</p> <p>i. Foot rest: Size at least 50 cm x 25 cm X 15 cm two in numbers – one on either side moveable (not fixed with Table).</p> <p>j. Taps and shower should be stainless steel, heavy duty</p>	2 (One for Pathology & One for Forensic Medicine)
10	<p>Digital SLR at least 20 megapixel with micro, macro, wide angle zoom lenses, Flash & Other accessories .. DSLR camera with accessories (Made of Sony/Nikon/Canon)</p> <p>1. Min 20 MP with external flash with 16GB Class 10 SD card and twin Lens kit (18-55mm and 55-250mm with original manufacturer lens)</p> <p>2. UV Lens filter and CP Lens filter (Hoya)</p> <p>3. Lens hood petal type, silicon rubber</p> <p>4. Tripod: 2 way fluid head, quick release mechanism, spirit level, geared lockable center column with braced 3 section leg, rubber legs.</p> <p>5. Flash: Wireless flash. Approx 60m (197ft.) at ISO 100. AA/LR6 battery</p>	2 (One for Pathology & One for Forensic Medicine)

11	Digital Automatic camera > 5 megapixel.	1
12	Standalone paraffin dispensing module cold plate holding more than 100 cassettes.	1
13	Stand alone cold plate.	1
	Microscopes	
14	For every Professor, Associate & Assistant Professor : Binocular Microscopes with High end Semiapochromatic Optics of international standard.	7
(C)	Hematology Lab:	
15	Blood pressure instrument.	3
16	Automatic timer.	3
17	X-ray viewing box (LED).	2
18	pH Meter electric.	4
19	LED Wireless Projector.	3
20	Surgical instruments. 1. MAYO Dissecting Scissor: Size 17 cm Straight 02 2. MAYO Dissection Scissor: Size 17 cm Curved 02 3. Operating Scissor – Sharp/Blunt : Size 14cm Straight 02 4. Operating Scissor – Sharp/Blunt : Size 14cm Curved 02 5. Dressing Forceps- Serrated: Size 12cm 02 6. Halsted Mosquito Forceps- Curved: Size 12 cm 02 7. Tissue Forceps- 1x2 Teeth: Size 12 cm 02 8. Tissue Forceps- 1x2 Teeth: Size 25 cm 02 9. Tissue Forceps- 2x3 Teeth: Size 15 cm 02 10. Tissue Forceps- 4x5 Teeth: Size 15 cm 02 11. Liston Bone Cutting Forceps- Straight: Size 21 cm 01 12. Liston Bone Cutting Forceps- Angled on flat: Size 25 cm 01 13. Satterlee Bone saw: Size 30 cm 01 14. Rounded Bone Saw: Size 30 cm 01 15. Brain Knife 02 16. Large knife for big specimens 02 17. Scalpel handle for blades no.24 02	4 sets
21	Acrylic museum jars Specification Sizes 15x10x5 cm qty 75 jars Sizes 10x6x6cm qty 15 jars Sizes 25x25x25 Cm qty 30 Pc Sizes 25x25x25 cm qty 30 pc Plastic appointment stand size approx.14x10 cm QTY 100 size approx. 21x14cm qty 150 Demonstration is mandatory	
(D)	Clinical Laboratory:	
22	Binocular Microscopes with high end optics including 100X & LED Fluorescence for each Faculty/ resident working in lab plus 2 microscopes for technicians.	5
23	Sp. Gravity Measure.	2
25	PH meter.	2
25	Incubator. 1. Capacity: 120-150 litres 2. Interior chamber: High quality ,corrosion resistant Stainless steel for easy	2

	<p>cleaning and decontamination .</p> <p>3. Timer: 1 min. to 100 hrs and hold position</p> <p>4. Minimum turbulence and no cross contamination .Forced filter air circulation.</p> <p>5. Adjustable safety thermostat for temp setting at 1 deg C increment</p> <p>6. Temp Accuracy+/- 0.5°C of required temperature, with inbuilt Temperature Sensor</p> <p>7. Internal glass door for the observation for a clear view without a drop in temperature.</p> <p>8. With minimum two to three adjustable shelves</p> <p>9. Audiovisual Alarm to Indicate when temperature deviates more than 1 degree C from set point and when Program or time has finished. Alarm may be muted.</p> <p>10. Peltier heating with continuous air circulation and Heating by natural / forced convection for homogenous temperature distribution</p> <p>11. Temperature range: + 5 degree C to 80 degree C</p> <p>12. Temperature homogeneity between top and bottom shelves should be maintained.</p> <p>13. There should be a Membrane Keypad with LCD/ LED to set and display operating parameters, current status, running time and alarm</p> <p>14. Unit should be capable of withstanding continuous storage and operation at ambient temperatures of 0-50 degree Celsius and relative humidity of 15-90 degree Celsius.</p>	
26	Haemacytometers with red and white pipettes. The Haemacytometers Box should be complete with new improved Neubauer's chamber having bright counting lines, RBC pipette and WBC pipette etc. & to be supplied in a durable box. It should be of high quality German make.	90
27	Staining jars for slides.	10
28	Centrifuge tubes graduated.	50
29	Graduated cylinders for various capacities ranging from 100 cc to 1000 cc.	500ml-10 1000ml- 10

Cont....

30	Plastic appointment stand for museum	250
31	<p>Hot Air (50 deg Celsius) oven for special staining 1.</p> <p>Capacity - Approximately 90 litres</p> <p>2. Shelves - Stainless steel construction: 3 in number, must have pilot light on shelves</p> <p>3. Temperature range - 50° C to 250°C. Built in thermometer</p> <p>4. Walls (three layered) - Outer covered with stainless steel, Inner two walls made of stainless steel with glass wool insulation in between of minimum 15mm thickness.</p> <p>5. Size - Approximately 18" X 18" X 18"</p> <p>6. Controls - Thermostat control, Digital display, Rotary control</p> <p>7. Heating element - Stainless steel. U shaped</p> <p>8. Air circulation fan must be present</p> <p>9. Power cord must be of acceptable durability, quality, length and current carrying capacity and should be compatible with Indian standard power socket</p> <p>10. Electrical rating Unit should function with 200-230Vac, 50/60 Hz input power supply</p> <p>11. Certification should have safety certificate from a competent authority CE / FDA (US) or valid detailed electrical and functional safety test report from ERTL.</p> <p>12. Warranty - The Equipment including monitor and all accessories including bought out items should be under warranty for a period of two years and comprehensive maintenance contract for three years</p> <p>2. Shelves - Stainless steel construction: 3 in number, must have pilot light on shelves</p> <p>3. Temperature range - 50° C to 250°C. Built in thermometer</p> <p>4. Walls (three layered) - Outer covered with stainless steel, Inner two walls made of stainless steel with glass wool insulation in between of</p>	2

32	<p>Autoclave Electric Autoclave Electric</p> <ol style="list-style-type: none"> 1. The water reservoir shall have a capacity that is sufficient for minimum 10 cycles. 2. The reservoir shall have a float that reads the level of the water that indicates on the display when the reservoir needs to be refilled. 3. The sterilization chamber shall have a capacity of at least 5 litres, constructed of stainless steel. 4. The sterilizer shall function with a micro - processor which controls a defined volume of distilled water that is pumped into a boiler, converted into steam, and then injected into the sterilizing chamber. The micro processor shall accurately control and monitor the sterilizing temperature and pressure. 5. The sterilizer shall have a keypad, which controls the pre-set programs and the start control with a single touch. 6. Unwrapped Cycle - To sterilize unwrapped instruments the sterilizing cycle shall be constant at 134°C for 3.5 minutes. The total cycle time including warm up, pressurization and de-pressurisation shall not be more than 11 minutes. 7. Wrapped Cycle - To sterilize wrapped instruments the sterilizing cycle shall be constant at 134°C for 6 minutes. The total cycle time including warm up, pressurization and de-pressurisation shall not be more than 15 minutes. 8. Cycle for Delicate Items - To sterilize certain rubber, plastic and delicate items the sterilizing cycle shall be constant at 121 degrees C for 15 minutes. The total cycle time including warm up pressurization and de-pressurisation shall not be more than 24 minutes. 9. LCD Display for monitoring the systems throughout the processing cycle including the temperature, pressure and time elapsed 10. The unit shall have the facility for a internal printer, external printer or data logger that captures the date, time, temperature and cycle number. 11. Power supply - 220V, 50 Hz. 12. The product should be CE or FDA Certified 	2
33	<p>Band Saw</p> <ol style="list-style-type: none"> 1. To be used for preparing specimens of large size in the Departments. To be fitted with a large moving table and extension table operated on four ball-bearing rollers. 2. Table made of thick stainless steel sheet with heavy axle to aid in firm and smooth movement 3. Size of cutting table should be about 78 × 58 cms 4. Total Table Travel about 124 cms Size of Extension Table should be about 45 × 76 cms 5. Size of Wheel should be about 45 cms The total Height not more than 170 cms 6. To be supplied with one blade, starter, electrical cord and hospital-grade plug and spare accessories 7. Should have a Bone dust collector unit and safety hood 8. Suitable to work on 220 V, single phase, 50 Hz, AC supply. 	1

34	<p>pH Meter with ultra micro blood pH electrodes pH Meter with ultra micro blood pH electrodes Should be with alpha numeric LCD display showing pH, mV, temperature, having auto temperature compensation, 2 point calibration.</p> <p>Technical Specification:Range</p> <p>: 0-14pH Resolution : 0.01pH Accuracy : ± 0.01pH ± 1 digit</p> <p>Temperature Compensation : 0-1000C automatic with PT-100 Calibration</p> <p>Auto as well as manual mV Range : -2000mV to +2000mV Resolution: 1mV Accuracy : ± 0.1% of range ± 1 digit Calibration Two point manual, Sensor PT-100 Probe Data Entry : By soft touch keys with audible sound Storage</p> <p>: 30 samples Functions : pH & Temperature simultaneously</p> <p>Display : 16 Characters x 2 lines alpha numeric LCD Power supply : 230 V ±10%, 50 Hz Ac (12 V Battery optional) To be supplied complete with pH electrode, Dust cover, Buffer solution, Electrode stand, Temp probe, Instruction manual</p>	3
35	<p>Haemoglobinometer – Sahli Type The Haemoglobinometers Sahli's type with square haemoglobinometer tube, comparator, Hb pipette (one westergren and one wintrobe) & a brush for cleaning etc.</p>	60
36	<p>Syringes Disposable – 20cc, 10cc, 5cc and 2cc The disposable Syringes with each set having various sizes ranging from 2cc to 20cc.</p> <p>20cc----- 10 set 10cc----- 75 set 5cc-----10 set 2cc----- 5 set</p>	100 sets
37	<p>Refrigerator Capacity range 300-380 L Temperature 2-8°C Preferably roller mounted. Adjustable shelves. Battery backup. Durable rust free exterior. Durable unbreakable interior. Control panel with temperature alarm, on/off switch and digital thermometer, interior lighting, drip tray and defrosting arrangement. Adequate circulation of air to ensure even cooling by DUCT system. Door with lock. Inside of door provided with rack. Door hinges and latches should be chromium plated. Control panel with temperature alarm, ON/OFF switch with power on indicator, digital thermometer, temperature display. Electronic automatic temperature control, operable at 220 V, 50 Hz, single phase AC supply.</p>	2 (One for Forensic Dept & One for Pharmacology)

38	<p>Digital Spectrophotometer (Imported) Digital spectrophotometer with PC control through software for programmable measurements, compatible for data storage on USB stick U.V. Visible type, wavelength range: 190 – 1100nm Optical system: true dual beam Detector: Silicon photodiode Band pass/bandwidth 0.5 nm - 4 nm (variable) Absorbance range of greater than 5 A, stray light measurements greater than 0.00003 %T @340 nm in the UV/Vis wavelength range. Scan speed upto 3600 nm/min Facility for small sample volumes (of 50µL, 25µL and 5µL micro-volume cells) measurement with required accessory should be included Appropriate CE certification or equivalent Compatible with 240 V AC 50 Hz power supply</p>	1 (One for Forensic Medicine)
39	<p>LED TV with DVD Player with USB Slot 40 INCHES along with DVD Player</p> <ol style="list-style-type: none"> 1. USB 2 Side Support. 2. Fully HD & HDMI Support. 3. AV/Composite input slot compatible with newer devices. 4. Built in Woofer & Wi-Fi 5. Photo Sharing Plus 6. Photo Frame Mode 7. USB - Super Multi Format Play09oi 8. Mobile High-Definition link (MHL) 9. FM Radio 10. Solid Durability With Enhanced Protection Features. <p>Power: AC 100-240 V 50/60 Hz Other: Five Star Rating</p>	1

Modelling Section and Photography

S.NO	Name of Item	Quantity
1	Modeling Instrument Box	1
2	Wire G.I. Copper and wire netting	5 m
3	Projection Screen	1
4	Digital SLR Camera (Latest Model)	1
5	Video Camera (Latest Model)	1
6	Microprojection Dark room and developing equipment	1 set

Artist Section

S.NO	Name of Item	Quantity
1	Drawing Board (Big)	1
2	Drawing Board (Small)	1
3	Drawing instrument Box	1 set
4	Plastic Transparent Set Square 10''	1 Pair
5	Plastic Scale transparent 18'	1
6	Parallel ruler 18''	1
7	Propotional Compass	1
8	Bowpen one for fine and one for thick line	2
9	T Scale 24'' wooden	1
10	T Scale 48'' wooden	1
11	Frenet curves Plastic 1 set of 12	1 set
12	Protractor Plastic semiaround 6'' dia	1
13	Drawing Paper various sizes	24
14	Drawing Paper	12
15	Water colour tubes	1 set
16	Poster colour in different shades	1 set
17	Reeves Indian Black ink	12
18	Sable Hair vbrushes	1 set
19	Calligraphy and lettering nibs	1 set
20	Clip holders	6

LIST OF TEACHING SLIDES – PATHOLOGY DEPARTMENT

Technical Specifications:-

1. Hematoxylin & Eosin stained slides of Pathological lesions including both general & systemic Pathology.
2. Sets having classical & well preserved histomorphological features will be preferred.
3. Quality of slides & variety of lesions available will be subjected to scrutiny.

List of Slides:-

General Pathology

1. Acute inflammation – Appendix, Fallopian tube.
2. Chronic cholecystitis.
3. Foreign Body Granuloma.
4. Coagulative necrosis.
5. Caseous Necrosis – TB lymph Node.
6. Liquefactive Necrosis – Amoebic Abscess.
7. Fatty liver.
8. Medial Calcification.
9. Granulation Tissue.
10. CVC – Liver, Spleen, Lung.
11. Hemangioma – Capillary, Cavernous.
12. Thrombosis.
13. Kidney Amyloidosis.
14. Actinomycosis.
15. Rhinosporidiosis.

16. Benign Tumors – Fibroadenoma, BPH, Leiomyoma.
17. Malignant Tumors – Infiltrating Ductal Carcinoma, Squamous Cell Carcinoma, Adenocarcinoma.

SYSTEMIC PATHOLOGY

1. Atherosclerosis.
2. Hodgkins Lymphoma.
3. TB – Lung.
4. Lobar Pneumonia.
5. Bronchopneumonia.
6. Lung Tumors.
7. Benign Gastric Ulcer.
8. Intestinal Tuberculosis.
9. Gastric Carcinoma.
10. Colonic Carcinoma.
11. Rectal Carcinoma.
12. Cirrhosis Liver.
13. Hepatocellular Carcinoma.
14. Secondaries in Liver.
15. Acute Glomerulonephritis.
16. Chronic Glomerulonephritis.
17. Chronic Pyelonephritis.
18. Wilms Tumor.
19. Renal Cell Carcinoma.
20. Seminoma Testis.
21. Squamous Cell Carcinoma.
22. Leiomyoma Uterus.
23. Carcinoma Cervix.
24. Dermoid Cyst Ovary.
25. Serous Cystadenoma Ovary.
26. Mucinous Cystadenoma Ovary.
27. Fibroadenoma.
28. Colloid Goitre.
29. Multinodular Goitre.
30. Hashimoto's Thyroiditis.
31. Follicular Adenoma.
32. Papillary Carcinoma Thyroid.
33. Follicular Carcinoma.
34. Chronic Osteomyelitis.
35. TB Osteomyelitis.
36. Osteosarcoma.
37. Osteoclastoma.
38. Ewings sarcoma.
39. Pleomorphic Adenoma.
40. Meningioma.
41. Glioblastoma Multiforme.
42. Medulloblastoma.
43. Papilloma.
44. Basal cell Carcinoma.
45. Metastatic carcinoma in Lymph node

