

#	Item	Specifications	To be filled by Supplier	
			Delivery Period	Warranty Period (if applicable)
1	Electrocardiogram Machine (ECG)	Electrocardiogram Machine (ECG) 3 channels at least, Portable, operating on AC and with internal rechargeable lithium batteries. Portable, built-in thermal printer, rechargeable battery, AC/DC power. Automatic ECG measurement and interpretation, the bidder should be mentioned all specifications. With Thermal paper role qty.30		
2	Pulse Oximeter (Finger)	Should have plethysmography wave form with numeric display for SPO2 and Heart rate on LCD/TFT display. 2. Should have a SPO2 range of 0 to 100%. 3. Should have SPO2 accuracy of $\pm 2\%$. 4. Should provide bar graph for pulse strength. 5. Audio and visual alarm for both upper and lower SPO2, Heart rate.		
3	Ultrasound	"1.Ultrasound Machine : with display 10 inch at least, 2. Power supply 220-240V,50Hz 3.With Probe Convex 3.5MHZ with angle scanning at least 60°,diameter 60mm at least, 4.Works in mode M, Band B,B dual , it supported with program for all abdomen measuring , gynecology and maternity Sizes, 5. Supplied with printer and thermal paper 12 rolls at least.		
4	Ultrasound Machine Portable With	Ultrasound Machine: with display 10inch at least, 220-240V,50Hz and Weight no more 10KGm With Probe Convex 3.5MHZ(abdomen)and Vaginal Probe with works in mode M,B and B,B dual ,it supported with program for Abdomen, gynecology and maternity Sizes, with printer and thermal paper		
5	Examination Table	Approx. Dimensions: 180 cm l x 60cm w x 80cm h - Framework made of rectangular and square steel tubes - Adjustable backrest by hand lever - Two sectioned		
6	Mobile exam light	length and head adjustable , Power supply : 220V		
7	Sphygmomanometer	Aneroid pressure gauge (no stop pin) with an air pressure release-valve. Rubber bulb with palm fitting handle. Connector to rubber tube. Connecting tube. Cuff with inflatable bladder. Included: Cuffs: (Adult, Child, obese) Stethoscope: one cup, for measuring arterial blood pressure, combine with a sphygmomanometer"		
8	Thermometer, Digital			
9	Nebulizer	Portable, AC power 230v-50hz, W/Accessories: Compressor, W/Accessories: Nebulizer Kits, Mouthpiece, Nosepiece,Airtube Pvc 2m, Air filter, Adult Mask (Pvc), Child Mask (Pvc) Accessories must be washable and reusable.		
10	Digital scale (adult)	Capacity-5-150kg. Graduation-100gr. Precision-25 gr. Washable surface.		
11	Digital scale(infant)			

12	surgery set	<p>1. Oil free vacuum pump.</p> <p>2. Maximum vacuum not less than 450 mmHg (adjustable by control).</p> <p>3. Maximum suction capacity not less than 15 L/min.</p> <p>Collection bottle (1 or 2, preferably 2): at least 2 L capacity each bottle (disposable bag or collection jar),</p> <p>4. Bottle(s) to have an automatic cut off when full to prevent ingress of fluid to pump.</p> <p>5. Filter and overflow valve incorporated to prevent cross-contamination (e.g. shatterproof material, over flow protection system).</p> <p>6. It should be disposable or autoclavable.</p> <p>7. Equipment control: manual on/off power switch and, preferably also foot switch.</p> <p>8. Airline to pump to incorporate bacterial filter. Tubing to patient to be minimum 1.5 m long, non-collapsible type.</p> <p>9. All parts are manufactured from high-strength, durable material, that does not require specific maintenance or storage conditions.</p> <p>10. Pump can be disassembled entirely, is easy to clean, disinfect and sterilize.</p> <p>11. Equipment provided complete with dedicated trolley/cart or housing with castor wheels for easy movement.</p> <p>12. Sound level not higher than 60 dBA.</p> <p>13. System integrated holder for suction cannulas/tubing easy and safe positioning.</p> <p>14. Supplied mounted on robust board or cart or trolley, movable on castors, with carrying handle.</p> <p>15. Pump handle and/or pedal to be spring loaded to return to "up" position after each stroke.</p> <p>16. Powered by mono-phase electrical source, AC line 110–220 V, 60–50 Hz, ± 10% with line connection plug compatible with local standards. Powered preferably also by internal, rechargeable, replaceable battery</p>		
13	Pediatric Stethoscope	<p>For auscultation (chest, abdomen, etc..)</p> <p>Binaural, Double cup, chest piece: flat and conical.</p> <p>Y-shaped tube.</p> <p>Adjustable arms with flexible spring.</p> <p>Two earpieces.</p> <p>It be used for pediatrics and neonate. "</p>		
14	Stethoscope	Stethoscope For Adults: Binaural, Standard, Dual Head For Adults		
15	Blood Glucose Meter	Blood Glucose Meter with 400 Test Strips at least		
16	Suction machine	Electric, with 1 Bottle 2 Liters Autoclavable, All filters and component must be reusable and autoclavable. Power supply 220 V, 50-60Hz		
17	ENT diagnostic set	<p>Components:</p> <p>Battery handle</p> <p>Ø 28mm for 2 C-type batteries, a base for otoscope and ophthalmoscope head, standard illumination 2.7V.</p> <ul style="list-style-type: none"> - Otoscope head <p>Pin contact, fits to handle.</p> <p>Swivel-mounted lens: 4x magnifier (removable to introduce instruments)</p> <p>Auricle specula: size 2, 3 and 4mm, reusable.</p> <ul style="list-style-type: none"> - Ophthalmoscope head - Bent-arm illuminator with pin-contact fitting: stainless steel chrome-plated. - Blade, tongue holder: stainless steel chrome-plated. - Nasal speculum - Laryngeal mirrors: n°3 and 4, stainless steel chrome. - Standard bulb 		
18	Oxygen Cylinder	Oxygen cylinder: filled with oxygen, capacity 25 liter, with regulator, hose and mask		
19	Instruments table	<p>heavy duty welded stainless steel</p> <p>Includes built-in bottom shelf</p>		

20	Minor surgery set	<p>set : PHOTOMACROGRAPHIC SCALE, 105 mm, L-shaped, plastic 1 SCALPEL, HANDLE, No 3 (for blades 10/11/15) 1 SCISSORS, MAYO, 17 cm, curved 1 SCISSORS, METZENBAUM, 14 cm, curved 1 FORCEPS, ADSON, 12 cm, serrated jaws 1 FORCEPS, ADSON, 12 cm, 1x2 teeth 1 FORCEPS, McINDOE, 15 cm, serrated 1 FORCEPS, GILLIES, 15 cm, 1x2 teeth 1 PROBE, 16 cm/diam. 1.5 mm, round double-ended 1 SUCTION TUBE, FRAZIER, CH 12, 12.5 cm, angular 1 NEEDLE HOLDER, BABY-CRILE-WOOD, 15 cm 1 FORCEPS, HEMOSTATIC, H-MOSQUITO, 12.5 cm, curved 10 FORCEPS, HEMOSTATIC, CRILE, 14 cm, curved 4 FORCEPS, HEMOSTATIC, KOCHER, 14 cm/1x2 teeth, straight 2 FORCEPS, TOWEL CLAMP, BACKAUS, 13 cm 6 FORCEPS, SPONGE, FOERSTER, 24cm, serrated jaws, straight 2 RETRACTOR, SENN-MILLER, 16 cm, double-ended, blunt prong 1 RETRACTOR, VOLKMANN, 22 cm, 3 sharp prongs, 10 mm curve 2 RETRACTOR, SELF-RET., WEITLANER, 13 cm, 3 x 4 blunt prongs 1 BOWL, ROUND, 100 ml, 80 x 35 mm, stainless steel 1 FORCEPS, TISSUE, ALLIS-BABY, 14 cm / 3x4 teeth 2 FORCEPS, TISSUE, BABCOCK, 16 cm, 9 mm jaws, standard 2</p> <p>"</p>		
21	Sterilizing Box	Stainless steel, 20*10*5 cm		
22	Sterilizing Box	Stainless steel, 25*12*6 cm		
23	X-ray film Viewer	Light power: The minimum luminance for a Negatoscope with an on/off switch must be set greater than 1700cd/m ² . Wall-Mount, Wall Fixations shall be provided for . Cord , Local Plug Power Supply : 220V/50Hz		
24	Height and weight scale	<p>capacity 250 kg Graduation 100 g Dimensions (WxHxD) 110 x 135.6 x 57.6 cm Platform (WxHxD) 5.0 x 5.9 x 41.8 cm Measuring range 10 – 230 cm Power supply Batteries, power adapter (optional) Data transmission USB interface for customer specific solution</p>		
25	Gynecology Examination Chair	<p>Platform in two or three sections with traditional, Removable and sliding basin made in stainless steel, Back rest and leg rest adjustable Length: 1800 mm, Height:750 mm, Width: 620 mm,</p>		
26	Dry Sterilizer	26 Liter, with one shelf at least and range of temperature 50 - 200 C° at least, timer and thermostat, 220V		
27	Gynecology instrument box	<p>Consist of: KIDNEY DISH, medium, 250x140x40mm, stainless steel, Qty. 1 SCISSORS, MAYO, 17 cm, curved, Qty. 1 FORCEPS, TOWEL CLAMP, BACKAUS, 13 cm,Qty. 6 FORCEPS, SPONGE, FOERSTER, 24cm, serrated jaws, straight, Qty. 2 SPECULUM-RETR., KALLMORGEN, size 1 / 70x40mm, set of 2, vag.,Qty. 1 SPECULUM-RETR., KALLMORGEN, size 2/ 90x40mm, set of 2, vag.,Qty. 1 SPECULUM, AUJARD, 240 x 75 x 38 mm, vaginal, with weight,Qty. 1 DILATOR, UTERINE, HEGAR, double-ended, set of 8 dilators ,Qty.1 SOUND, UTERINE, SIMS, 32 cm, rigid ,Qty.1 FORCEPS, SEIZING, POZZI, 25 cm, tenaculum, straight ,Qty.2 FORCEPS, SEIZING, KELLY, OVARY, 32 cm, 18 mm jaws, curved,Qty. 1 CURETTE, UTERINE, RECAMIER, 8 mm wide, rigid, sharp,Qty. 1 CURETTE, UTERINE, RECAMIER, 11 mm wide, rigid, sharp,Qty. 1 CURETTE, UTERINE, RECAMIER, 14 mm wide, rigid, sharp,Qty. 1 CURETTE, UTERINE, RECAMIER, 8 mm wide, rigid, blunt ,Qty.1 CURETTE, UTERINE, RECAMIER, 11 mm wide, rigid, blunt ,Qty.1 CURETTE, UTERINE, RECAMIER, 14 mm wide, rigid, blunt,Qty. 1 CURETTE, UTERINE, RECAMIER, 16 mm wide, rigid, blunt,Qty. 1 CURETTE, UTERINE, RECAMIER, 20 mm wide, rigid, blunt ,Qty.1 BASKET, STERILIZING, 480 x 255x 100mm, + lid,Qty.1</p>		
28	Ear thermometer cones			

29	wheel chair	For adult Tailor- made wheelchair adjustable in width, suitable for all grounds		
30	Adult Neurological Hammer Med	Includes wartenburg pinwheel Includes babinski hammer Includes Taylor hammer Includes buck hammer Includes queens square		
31	Computed radiography System	See details- Technical Specifications of CR below		
32	Reflecting mirror	for an existing device Brand CSO SL-900 Slit lamp		
33	Suction tubes for ENT	Size 6-8-10-12 5 pieces from each size		
34	Birkett Alligator forceps	180 mm		
35	Birkett Artery Forceps	190mm		
36	Ear Speculum	Sizes: 1-2-3-4, 10 pieces each size		
37	Nasal Speculum	Nasal Speculum: Killian, Clair Thompson, Lampert Endaural		

Technical Specifications of CR (Computed radiography System)

المواصفات الفنية لجهاز CR . شامل مع ميزة وملحقات لدعم تصوير الماموغرام

- The CR can cover various imaging such as chest, lumbar spine, dental pantomography, mammogram and extremities
- CR system consists of an image reader/digitizer, cassettes containing imaging receptors (photostimulable-phosphor plates), a computer console or workstation, software, monitors, and a printer.
- The CR Plates and Cassettes are dedicated for mammography applications
- Image Reader will have the following :
- Cassette Mechanism to Load and Unload IP.
- Scanning mechanism to read, erase and process the images from the imaging Plate. (IP)
- Including auto routing newly acquired images to desired preview monitor.
- IP processing rate > 50 plates/hr.
- Panel for indicating online status of the CR Reader in case of machine Malfunction.
- Emergency Mode for accepting exposed cassettes without patient demographics For casualty trauma workflow requirements.
- Capability of retrieving at least 10 scanned images and quick check of the exam Data and the image of at least the last four cassettes scanned at the X-Ray room.
- Verification of the connectivity status of configured image destination.
- Spatial resolution of digital image 6 pixels/mm or more.
- Scanning resolution for all the IP Plates should be specified in the quote.
- Should enable 12 bit and above images.
- X-Ray Generator compatibility.
- Storing images in the local disk for predefined period.
- Mechanism for accepting new images when the local disc is full..
- Sorting of patient image based on name, date, exam etc.
- Advance Processing Software
- Using predefined parameters or user defined and stored image parameters.
- Correcting typographical in patient demographic module, in case RIS connection Was down and manual data entry was done.
- Capability of changing R/Flipping , Rotating, Zooming, Collimating, Annotating the incoming image.
- Multi image and slide formats.
- Capability of storing in CD/DVD.
- Software for Advance Image processing, applications, display and quality monitoring.
- Connectivity and compatibility to communicate to RIS/HIS and DICOM
- Compatible devices such as MR/CT/DSA Work station,
- Should provide for HL-7 compatible interface.
- Remote ID and Preview station. Should have the following:
- Auto detection of cassette.
- Mechanism of writing /reading data using suitable technology HIS/RIS/DICOM Compatibility.
- Preview scanned images on predefined preview terminal.
- Retrieving capacity of last 10 patient ID on the terminal.
- Identification of overexposure on preview module.
- Mechanism for user release in case of autorouting images.

- System should be able to support minimum 5 review terminals
Preview display time < 47 sec.
24. Should be provided with Dry View Imaging Printer/Dry Imager/LASER Printer:
(film based) with the following:
Print Images from CR workstation. In DICOM 3 format.
Mechanism to print images to 8x10 and 10x12, 11x14, 14x17 film sizes with
minimum 2 universal tray online)
25. Single phase 50-60Hz.
26. Power Supply AC120-240V \pm 10% 7A (max).
27. Should be provided with Imaging Plate:
ST-VI (Standard): 14" \times 17", 14" \times 14",
10" \times 12", 8" \times 10", 24 \times 30cm, 18 \times 24cm, 15 \times 30cm*
HR-V (High Resolution): 24 \times 30cm, 18 \times 24cm
28. Should be provided with IP Cassette:
Type CC: 14" \times 17", 14" \times 14", 10" \times 12", 8" \times 10", 24 \times 30cm, 18 \times 24cm
Type LC: 35.4 \times 124.5cm, 35.4 \times 101.7cm,
35.4 \times 83.0cm, 25.2 \times 58.0cm, 24.0 \times 57.0cm.
29. The bidder should commitment in installing and operating and training.
30. The bidder should commitment in warranty two year at least after installation

Supplier Name: _____

Contact Person: _____

Phone Number: _____

Email address: _____

Signature: _____

Date: _____

Stamp: _____