JORDAN ARMED FORCES

The DIRCETROATE OF ROYAL MEDICAL SERVICES

نواقص توسعة مستشفى الملكة علياء

P500/2016/78

محضر اجتماع

اجتمعت لجنة المواصفات المشكلة بموجب كتب عطوفة مدير عام الخدمات الطبية الملكية رقم ش 1220/78/2016/500 تاريخ 2017/1/16 والخاصة بعطاء نواقص مستشفى الملكة علياء العسكري للرد على الاستفسارات المقدمة من قبل الشركات والواردة بموجب مذكرات شعبة المشتريات المركزية :

- ش 5762/78/2016/500 تاريخ 2017/11/9 والمتضمن اعتراض السادة شركة صلبشيان على الماده رقم 10 Phaco surgical unit
- ش 5671/78/2016/500 تاريخ 2016/11/5 والمتضمن اعتراض السادة التجمع الطبي العلمي العربي عالى المادة رقم 21 Dexa

توصي اللجنة بما يلي:

أولاً: فيما يخص المادة رقم (10) Phaco surgical Unit :

تبقى جميع المواصفات كما هي بدون تعديل

ثانيا: فيما يخص المادة رقم (21) BMD (DEXA)

1- تعدل المواصفة رقم (A-2) Switched-pulse dual-energy 120 kVp or better

لتصبح Switched-pulse dual-energy 100 kVp or better

2- تعدل المواصفة رقم (A-7) Number of detectors : ≥128 Detectors

لتصبح Number of detectors : ≥64 Detectors

3- لا تعديل على جميع المواصفات الأخرى

Equipment List

Item #	Description	Qty.
Item 1	Fetal Monitors Central Station	Qty. (10) Qty. (1)
Item 2	Fetal Monitors	Qty. (4)
Item 3	Infant Flow Nasal SIPAP Ventilator for Neonates	Qty. (2)
Item 4	Stretcher, Transport, Mobile, MRI	Qty. (1)
Item 5	Wheelchair, Adult, MRI	Qty. (1)
Item 6	Laryngoscope, MRI	Qty. (1 adult) + (1 paediatric)
Item 7	Incubator, Transport	Qty. (2)
Item 8	Examination lamp	Qty. (20)
Item 9	WARMER, CONTRAST MEDIA, BOX	Qty. (2)
Item 10	Phaco surgical unit	Qty. (1)
Item 11	Hand piece steam sterilizer	Qty. (2)
Item 12	Sweat Chloride	Qty. (1)
Item 13	Vibration Percussor	Qty. (2)
Item 14	Cassette sterilizer	Qty. (2)
Item 15	Tablet Counter	Qty. (4)
Item 16	Dermatology Mixer	Qty. (1)
Item 17	Procto-Sigmoidoscope	Qty. (2)
Item 18	Medical DICOM CD/DVD Publishing System	Qty. (2)

Item #	Description	Qty.
Item 19	Protective Lead Apron	Qty. (15)
Item 20	MOBILE LEAD APRON RACK	Qty. (5)
Item 21	BMD (DEXA)	Qty. (1)
Item 22	Maxillofacial Trauma Surgical Set (kit)	Qty. (1)
Item 23	Orthognathic surgery set (kit)	Qty. (1)
Item 24	FLAME TOURCH	Qty. (5)
Item 25	Surveyor	Qty. (1)
Item 26	Bunsen Burner	Qty. (6)
Item 27	Simple Hinge Articulator	Qty. (6)
Item 28	Flask For Acrylic Work	Qty. (10)
Item 29	Flask Clamp	Qty. (7)
Item 30	LUMBAR BUNCTURE SET	Qty. (10)
Item 31	BED PAN	Qty. (50)
Item 32_	URINAL	Qty. (50)
Item 33	Ext. fixator set. and implants	Qty. (10)
Item 34	DCS SET	Qty. (3)
Item 35	Femoral Distractors	Qty. (2)
Item 36	Thorascopic surgery set	Qty. (1)

Item 1	Fetal Monitors Central Station	Qty. (10) Qty. (1)

IMPORTANT NOTE:

Vendors are required to fill out the product details, compliance information, and brochure reference page number in the columns below

TECHNICAL SPECIFICATIONS:

The unit must meet or exceed the requirements listed in the table below.

Product Details	
Name of Manufacturer	
Model/ catalogue number	
Country of Origin for the offered model	
Country where the manufacturer is based	
Delivery time	
Full warranty period	
FDA clearance OR CE Mark	

	Minimum Requirements	Compliance (Y/N), Notes	*Brochure Page No.*
*	**The system must be offered by a manufacturing company and not by a supplier company.**		
A	**Fetal monitors**		
1	Each fetal monitor shall be capable of detecting displaying, and printing a record of fetal heart rate and uterine activity		
2	Each fetal monitor shall have an output connector that allows it to be connected to a data management system (i.e., for central monitoring and archiving) or a central monitoring system.		
3	The fetal monitor shall provide digital values and graphical trends for FHR and UA on an LCD screen		
4	The Doppler transducer shall include an adjustable elastic strap.		
5	The toco transducer shall include an adjustable elastic strap.		
6	The fetal monitor digital display and the recorder shall indicate fetal heart rate over range of 50 to 210 bpm.		

	Minimum Requirements	Compliance (Y/N), Notes	*Brochure Page No.*
	The toco transducer pressure display should be linear within 25% of the applied pressure. It should be possible to zero offsets of up to 200g.		
8	Each fetal monitor shall be supplied with a monitor bracket and necessary hardware for mounting on a trolley and a patient cable and lead set. These shall be listed separately as options.		
9	Ultrasonic output shall be at a level considered safe for human fetuses. The seller shall specify the ultrasonic output.		
10	Multi-channel strip-chart recorders must include the following features and characteristics:		
	a- Annotations of date, time, bed number, alarm status and vital signs.		
	b- The paper speed shall be accurate to within 5% of the selected speed.		
	c- Paper roll, priced separately **Qty. (200)**		
11	A list of standard accessories for the offered model		
12	Prices of all accessories (including transducers) should be priced separately and **fixed for a minimum period of five years after warranty period.**		
b.	**Central Station:**		
1	The central station is to be located at the nurse station. Bidders shall quote for a comprehensive offer including network. The local area network (LAN) must be designed so that the failure of any bedside fetal monitor does not affect the function or balance of the system.		
2	Central station must be supplied by the same manufacturer of the patient monitor, locally supplied central stations will be considered as non-conforming.		
3	The central station monitor shall display digital values and graphical trends for FHR and UA as obtained from each individual fetal monitor:		

	Minimum Requirements	Compliance (Y/N), Notes	*Brochure Page No.*
4	Central station monitor must be capable of displaying data from at least 12 fetal monitors simultaneously.		
5	Flat easy to clean surfaces.		
6	Software programmed touch keys for control of monitor functions and display modes.		
7	Remote record initiation control for all waveforms.		
8	Audio / visual alarms with standard alarm / acknowledge / reset control.		
9	Digital display of alarm limits and status.		
10	External Laser printer from well-known manufacturer (HP or equivalent). Data print out is required to be on A4 paper. Locally supplied printer is acceptable		
11	Alphanumeric data display for each parameter.		
12	High resolution TFT-LCD screen coloured monitor minimum 19 inches.		

Item 2	Fetal Monitors	Qty. (4)

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Product Details	
Name of Manufacturer	
Model/ catalogue number	
Country of Origin for the offered model	
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	Minimum Requirements	Compliance (Y/N), Notes	*Brochure Page No.*
*	**The system must be offered by a manufacturing company and not by a supplier company.**		
1	Each fetal monitor shall be capable of detecting displaying, and printing a record of fetal heart rate and uterine activity		
2	The fetal monitor shall provide digital values and graphical trends for FHR and UA on an LCD screen		
3	The Doppler transducer shall include an adjustable elastic strap.		
4	The toco transducer shall include an adjustable elastic strap.		
5	The fetal monitor digital display and the recorder shall indicate fetal heart rate over range of 50 to 210 bpm.		
6	The toco transducer pressure display should be linear within 25% of the applied pressure. It should be possible to zero offsets of up to 200g.		

	Minimum Requirements	Compliance (Y/N), Notes	*Brochure Page No.*
7	Each fetal monitor shall be supplied with a monitor bracket and necessary hardware for mounting on a trolley and a patient cable and lead set. These shall be listed separately as options.		
8	Ultrasonic output shall be at a level considered safe for human fetuses. The seller shall specify the ultrasonic output.		
9	Multi-channel strip-chart recorders must include the following features and characteristics:		
	a- Annotations of date, time, bed number, alarm status and vital signs.		
	b- The paper speed shall be accurate to within 5% of the selected speed.		
	d- Paper roll, priced separately **Qty. (200)**		
10	A list of standard accessories for the offered model (optional).		
11	Prices of all accessories (including transducers) should be priced separately and **fixed for a minimum period of five years after warranty period.**		

Item 3	Infant Flow Nasal SIPAP Ventilator for Neonates	Qty. (2)

IMPORTANT NOTE:

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Product Details	
Name of Manufacturer	
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	Minimum Requirements	Compliance (Y/N), Notes	*Brochure Page No.*
A	**General Features:**		
	1- The latest highest end model of the required range.		
	2- Application: Neonatal and premature use		
	3- Microprocessor controlled		
	4- Self-test capability		
	5- Trolley: • Stable design to prevent tipping over • Medical grade castors • Fitted with articulated flexible arm to hold patient circuit		

	Minimum Requirements	Compliance (Y/N), Notes	*Brochure Page No.*
	6- Gas hoses (Air and Oxygen) • Original make • Color coded • Fitted with British Standard probes		
	7- Heat and Humidification system, with auto filling water chamber		
B	**Ventilation Modes and Functions:** Non-invasive nasal CPAP with drive machine with breath rate monitoring and apnea backup		
C	**Controls and Settings:**		
	1- Adjustable air flow: : 0-15 l/m min or better		
	2- PEEP pressure: specify		
	3- Blending of air/oxygen: 21-99%		
D	**Special Features:** System alarm capability: please list all available patient alarms		
E	**Built in backup batteries**		
F	**Equipment Alarms:**		
	1- Fail to cycle		
	2- Gas supply loss		
	3- High and low delivered oxygen concentration		
	4- Low battery		
	5- Power failure		
	6- Machine inoperative		
G	**Standard Accessories:**		
	1- List all standard accessories required for commissioning the system and indicate if they are included in the main unit price		

	Minimum Requirements	Compliance (Y/N), Notes	*Brochure Page No.*
	2- With each unit the following is required: • 3 sets of reusable autoclavable circuits • 3 sets of disposable circuits • Different sizes of nasal prongs and masks to fit various patient sizes • Any other necessary accessories needed to connect and fix the patient to the machine		
H	**Optional Accessories:** List all optional accessories and price them separately		

Item 4	Stretcher, Transport, Mobile, MRI	Qty. (1)

IMPORTANT NOTE:

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TECHNICAL SPECIFICATIONS:

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Product Details	
Name of Manufacturer	
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	Minimum Requirements	Compliance (Y/N) , Notes	*Brochure Page No.*
A	**The stretcher shall be used as a transport stretcher to transfer patients to MRI room.. The stretcher shall meet or exceed the following general features:**		
1	MRI compatible		
2	Heavy duty design; the stretcher should be well constructed to withstand typical abuse and cleaning		
4	Fixed height		
5	Backrest adjustable		
6	Patient surface should be at least: 65 * 190 cm		
7	Safe working load: ≥ 200 Kg.		
8	It shall include an 8 cm thick patient mattress that is conductive and flame resistant.		
9	Push handles.		
10	Foldable side rails.		

	Minimum Requirements	Compliance (Y/N) , Notes	*Brochure Page No.*
11	Large (min ≈ 15 cm diameter) swivel/steerable medical grade antistatic castors with brakes.		
12	A list of standard accessories for the offered model		

Item 5	Wheelchair, Adult, MRI	Qty. (1)

IMPORTANT NOTE:

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TECHNICAL SPECIFICATIONS:

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Product Details	
Name of Manufacturer	
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	Minimum Requirements	Compliance (Y/N), Notes	*Brochure Page No.*
1	**The wheelchair shall be used to transfer adult patients to MRI room. The chair shall meet or exceed the following general features:**		
2	**MRI compatible**		
3	**Wheels:**		
	a- The user propelled wheels should be at least 22 inches in diameter mounted into the rear of both side frames.		
	b- Swivel casters (five to eight inches in diameter) should be mounted to the front of both side frames.		
	c- The user propelled wheels should have a push rim attached.		
	d- Each of the user-propelled wheels should have toggle or lever wheel locks		
	e- Wheels shall be tubeless or air free.		
3	**Seat and Backrest:**		
	a- The wheelchair should have collapsible seat and backrest.		

	Minimum Requirements	Compliance (Y/N), Notes	*Brochure Page No.*
	b- The wheelchair should have some type of armrest, and these armrests shall be adjustable in height and pivoting or removable for ease of transfers.		
	c- The wheelchair should have leg rests or footrests		
	d- The wheelchair upholstery should pass applicable standards for flame resistance.		
	e- Approximate overall dimensions (w x L x h): 65 x 95 x 80 cm.		

Item 6	Laryngoscope, MRI	Qty. (1 adult) + (1 paediatric)

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	Minimum Requirements	Compliance (Y/N), Notes	*Brochure Page No.*
1	**MRI Compatible**		
2	Durable, heavy duty construction and reliable		
3	Light weight		
4	LED type		
5	Fibre optic plate illumination type		
6	To be made from heavy-duty stainless steel		
7	Standard size, non-rechargeable battery operation		
8	Durable case with sufficient padding		
9	All Macintosh and Miller blade sizes to be **quoted separately** (sizes: 0, 1, 2, 3, 4, 5)		

Item 7	Incubator, Transport	Qty. (2)

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	Minimum Requirements	Compliance (Y/N), Notes	Brochure Page No.
1	Microprocessor controlled servo type with self-test capability and error code scheme.		
2	The latest high end model.		
3	Air mode and Skin mode temperature monitoring.		
4	Noise level less than 50 dB, minimal vibration system.		
5	Double wall hood.		
6	Integrated humidifier.		
7	Flat, touch-type, hygienic, and liquid proof control panel		
8	Digital display for the following parameters: temperatures (air/ skin), oxygen concentration.		
9	Audio-visual alarm system with adjustable limits for: temperatures, settings, indicators, main power, sensors …etc.		
10	Alarm mute with automatic reactivation.		
11	Micro intake filters.		

	Minimum Requirements	Compliance (Y/N), Notes	Brochure Page No.
12	Integrated examination light.		
12	Large mattress base with pull-out mechanism.		
13	High quality, waterproof, easy to clean and disinfect mattress (antibacterial and anti-fungal).		
14	Measurements and adjustments of temperatures shall be in increments of 0.1°C.		
15	Temperature measurement accuracy ~ ± 0.5° or better		
16	Sensor mounting and wiring must be securely routed and professionally connected within the incubator to prevent strain damage and mishandling of sensors.		
17	Large access doors on both sides.		
18	At least two hand ports.		
19	At least one tubing port		
20	An auxiliary shelf for other monitoring devices etc.		
21	At least two IV poles with two hooks.		
22	Integrated collapsible trolley with medical grade antistatic, swivel type, non-marking castors with brakes and a minimum diameter of 125mm. The trolley must be suitable for safe ambulance fixation.		
23	Provision for external power source.		
24	Integrated secure storage for medical air and medical oxygen cylinders (cylinders must be included in the package).		
25	Options must include oxygen blender and gas Flow meters.		
26	A list of standard accessories for the offered model (optional).		

Item 8	Examination lamp	Qty. (20)

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	Minimum Requirements	Compliance (Y/N), Notes	*Brochure Page No.*
1	Wall mounted type		
2	LED type		
3	Articulated arm		
4	Handle on the lamp head		
5	Lamp service life at least 30,000 working hours		
6	Illumination at 0.5 meter not less than 40,000 Lux		
7	Color temperature: approx. 4000 K		
8	Color rendering index: > 90		
9	A list of standard accessories for the offered model		

Item 9	WARMER, CONTRAST MEDIA, BOX	Qty. (2)

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	Minimum Requirements	Compliance (Y/N), Notes	*Brochure Page No.*
*	The Box of contrast media warmer heats contrast media to body temperature.		
1	Transparent plastic front door with key lock.		
2	Made from lightweight aluminum.		
3	Compartmentalized shelves and partitions allow easy access.		
4	Visibility and flexible storage of contrast media boxes, vials and bottles.		

Item 10	Phaco surgical unit	Qty. (1)

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	Minimum Requirements	Compliance (Y/N), Notes	*Brochure Page No.*
1	Microprocessor controlled ophthalmic surgical system for the anterior segment of the eye.		
2	Digital display and data recall feature.		
3	I/A system with peristaltic or venturi pump or vacuum fluid module (VFM)		
4	Ultrasound generator Longitudinal and/or Non-longitudinal Phaco (Torsional or Transversal)		
5	LCD or LED touch screen (size to be stated clearly)		
6	Wireless single or dual linear footswitch		
7	Original Equipment cart		
8	Peristaltic pump or Vacuum pump or VFM with large cassette container ≥ 300 ml		

	Minimum Requirements	Compliance (Y/N), Notes	*Brochure Page No.*
9	Ultrasound system with the following features: a- Changeable power modulation (standard mode, Pulse mode and burst mode) b- Frequency range ≥ 28 KHz c- Controllable Pulsation		
10	Anterior vitrictomy pneumatic drive: ≥ 800 cuts/min		
11	High frequency diathermy with bipolar coagulation		
12	Internal Compressor for Air		
13	Required accessories:		
	a- Tubing set **Qty. (4)**		
	b- Ultrasound hand pieces **Qty. (4)**		
	c- Irrigation/ Aspiration hand pieces **Qty. (4)**		
	d- Reusable Ultrasound tip **Qty. (10)**		
	e- Anterior Vitrectomy cutter **Qty. (6)**		
	f- Diathermy forceps **Qty. (2)**		
14	All accessories and options must be listed and priced separately.		
15	A list of standard consumables for the offered model must be priced separately.		
16	Service training for one biomedical engineer/technician as per the special terms.		

Item 11	Hand piece steam sterilizer	Qty. (2)

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	Minimum Requirements	Compliance (Y/N), Notes	Brochure Page No.
1	The intended use of this unit is to: a- Wash the inner side and the outer side of the dental hand piece b- Lubricate the inner working parts c- Sterilize the hand piece (134 C°) from both inner and outer sides d- Drying the hand piece before ending the program		
2	Cycle time to be specified for the comparison purpose.		
3	Ability to process at least five hand pieces simultaneously.		
4	Microprocessor controlled with digital display.		
5	Fully automatic.		
6	Pre-defined programs.		
7	Ability to handle hand pieces from different manufacturers such as sirona, Kavo, W&H, Bien air.		

	Minimum Requirements	Compliance (Y/N), Notes	Brochure Page No.
8	Adaptors for fitting various hand pieces from various markers must be included in the offer.		
9	Built-in water conductivity sensor.		
10	Complete with basic accessories. Additional optional accessories are to be stated and priced clearly.		
11	Water distiller with a throughput rate sufficient for the average daily routine use of the sterilizer.		
12	Consumables including lubricants and water filters or others should be priced separately and fixed for five years. Number of cycles per oil cartridge and per water filter should be specified clearly.		
13	**Two separate units are acceptable; one for lubrication and cleaning and one for hand pieces sterilization**		

Item 12	Sweat Chloride	Qty. (1)

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	Minimum Requirements	Compliance (Y/N), Notes	Brochure Page No.
1	Sweat analysis system, to measure sweat chloride level for cystic fibrosis diagnosis.		
2	System to be used for both neonates and adults.		
3	Minimum sweat volume required, to be not more than 5 µl.		
4	Current used in testing not more than 1 mA (ml Amp.).		
5	Sweat chloride detection range up to 180 or more mmol/Lt.		
6	Automatic calibration single point.		
7	Portable and rechargeable battery operated.		
8	Continuous flow analysis (One step collection and detection of sweat chloride).		
9	Start-up kit.		
10	A list of standard accessories for the offered model (optional).		

Item 13	Vibration Percussor	Qty. (2)

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	Minimum Requirements	Compliance (Y/N), Notes	*Brochure Page No.*
*	Latest model.		
1	Variable speed range approximately 20-50 cycles/ second.		
2	Equipped with timer.		
3	Complete with a variety of applicators.		
4	Mounted on heavy duty sturdy mobile stand.		
5	Any accessories to be listed and priced separately.		
6	Standard accessories list.		

Item 14	Cassette sterilizer	Qty. (2)

IMPORTANT NOTE:

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	Minimum Requirements	Compliance (Y/N), Notes	*Brochure Page No.*
1	A steam sterilizer to be used to sterilize ophthalmic surgical tools and sets		
2	Fully automatic operation (manual feed of water)		
3	Utilizes removable cassettes		
4	Sterilization chamber volume: not less than 5L.		
5	Built in steam generator		
6	Microprocessor controlled, user friendly.		
7	Sterilization time required for a complete wrapped cycle: max of 18 minutes.		
8	Sterilization time required for a complete unwrapped cycle: max of 10 minutes.		
9	Efficient air drying system		
10	Digital display of parameters and error notifications		

	Minimum Requirements	Compliance (Y/N), Notes	*Brochure Page No.*
11	Gaskets should be replaced freely during warranty period.		
12	Minimum installation requirements; no need for water supply, external air supply, domestic drainage system		
13	Power requirement: 220 Volt, 50 Hz.		
14	Two cassettes should be included with each unit		
15	Water distiller to feed the sterilizer should be supplied with each unit		

Item 15	Tablet Counter	Qty. (4)

IMPORTANT NOTE:

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	Minimum Requirements	Compliance (Y/N), Notes	*Brochure Page No.*
1	Electrical type.		
2	Clear display for tablet counting.		
3	Programmable to stop counting when target count is reached.		
4	Upper funnel (inlet).		
5	Lower tray (outlet).		
6	Accuracy to be specified clearly		

Item 16	Dermatology Mixer	Qty. (1)

IMPORTANT NOTE:

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TECHNICAL SPECIFICATIONS:

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Model/ catalogue number	
Country of Origin for the offered model	
Country where the manufacturer is based	
Delivery time	
Full warranty period	
FDA clearance OR CE Mark	

	Minimum Requirements	Compliance (Y/N), Notes	*Brochure Page No.*
1	System intended for the preparation and mixing of dermatology formulas.		
2	Includes all the necessary parts and accessories for the system to be fully operational.		
3	Floor standing model		
4	Single-Phase mixer		
5	Large, easy-to-reach controls		
6	Not less than 5 H.P. high torque heavy-duty motor.		
7	Gear-Driven Transmission		
8	Maximum motor speed not less than 1400 Rev/min		
9	Not less than 15 minutes adjustable timer		
10	Timer to have an automatic shut-off facility		
11	Bowl capacity not less than 20 litres		

	Minimum Requirements	Compliance (Y/N), Notes	*Brochure Page No.*
12	Bowl Locking Handles or Guards to lock the bowl in place while mixing		
13	All mixing parts to be stainless steel		
14	Bowl to be stainless steel		
15	Motor to have an overload protection mechanism.		
16	Not less than two different speed settings, low and high.		
17	Bowl can be easily removed for cleaning.		
18	Bowl tilts or swings out for easy removal of products.		
19	Bowl Lift Facility: either automated or manual.		
20	At least one Stainless steel dough arm.		
21	All accessories must be listed and priced separately.		

Item 17	Procto-Sigmoidoscope	Qty. (2)

IMPORTANT NOTE:

Vendors are required to fill out the product details, compliance information, and brochure reference page number in the columns below

TECHNICAL SPECIFICATIONS:

The unit must meet or exceed the requirements listed in the table below.

Product Details	
Name of Manufacturer	
Model/ catalogue number	
Country of Origin for the offered model	
Country where the manufacturer is based	
Delivery time	
Full warranty period	
FDA clearance OR CE Mark	

		Compliance (Y/N), Notes	*Brochure Page No.*
1	**Procto-Sigmodiscope set:**		
1.1	Procto-Sigmodiscope 21 mm, 30 cm approximately with its obturator handle, twin bellows with Luer connector , cap and sponge forceps		
1.2	Procto-Sigmodiscope 18mm, 30 cm approximately with its obturator handle , twin bellows with Luer connector , cap and sponge forceps		
1.3	Pediatric Procto-Sigmodiscope 12 mm, 20 cm approximately with its obturator handle , twin bellows with Luer connector , cap and sponge forceps		
1.4	Biopsy forceps 2.2 mm, 35 cm approximately		
1.5	Monoploar Coagulation suction 5 mm approximately with cable		
1.6	Sterilization tray		
2	**LED Light Source:**		

		Compliance (Y/N), Notes	*Brochure Page No.*
2.1	High Power LED providing highest energy efficiency equivalent 180 W or better		
2.2	LED life time >30000h, color temperature approx. 6500K, continuous electronic light intensity control, super silent operation		
2.3	Front panel hygienic with convenient indicators for ease of operation.		
2.4	Flexible fiber optic cable preferably Autoclavable.		

Item 18	Medical DICOM CD/DVD Publishing System	Qty. (2)

IMPORTANT NOTE:

Vendors are required to fill out the product details, compliance information, and brochure reference page number in the columns below

TECHNICAL SPECIFICATIONS:

The unit must meet or exceed the requirements listed in the table below.

Product Details	
Name of Manufacturer	
Model/ catalogue number	
Country of Origin for the offered model	
Country where the manufacturer is based	
Delivery time	
Full warranty period	
FDA clearance OR CE Mark	

	Minimum Requirements	Compliance (Y/N) , Notes	*Brochure Page No.*
1	Installation , implementation, maintenance & support of scalable software and associated hardware of centralized Medical CD/DVD publishing system with dedicated processing workstation, this system to be located at the Radiology reception desk for burning patient CD/DVD, backup DVD media of Radiology exams, these produced medical media should include patient exams, report and universal DICOM viewer.		
2	Automatically or Manually record and store in DICOM format radiology exams of different types (CT, MRI, DX, CR, OT, MG, DF, RF, NM, CTPT, US, XA, BD & 3D Reformats) & radiology reports in different formats on CD or DVD media.		
3	Automatically label each burned media (CD/DVD) by all patient and exam relevant information.		
4	Dedicated & Registered DICOM Viewer per each published media.		

	Minimum Requirements	Compliance (Y/N) , Notes	*Brochure Page No.*
5	**CD/DVD Robotics:**		
	A. Modular Design with easy access to internal compartments.		
	B. Small foot print (specify dimensions).		
	C. Two Burning Drives to burn (CDs & DVDs) (Please specify burning speed per media type)		
	D. Separate Input bin of minimum capacity of 50 media (CD/DVD).		
	E. Dedicated output bin to receive published media (CD/DVD).		
	F. Mixed Media operation support is an option.		
	G. Dedicated on-board status indicator LEDs		
	H. Fast data interfacing (USB2.0 or USB 3.0)		
	I. Support attended and un-attended modes.		
	J. Compatible with Microsoft windows 7 (32/64bits), Windows 8.0 (32/64bits).		
	K. Inkjet printing with separate ink cartridges. (Please specify the exact volume of each cartridge in ml). (Please specify the estimate production volume per inkset).		
6	**Control Workstation:**		
	A. Well-known brand of the following vendors in case of external Workstation , only the following brands are accepted (DELL® , HP® , COMPAQ® , FUJITSU® ,IBM® & LENOVO®)		
	B. Minimum RAM of 4GB DDR III, 1333MHz Non- ECC. , (Please specify if embedded PC)		
	C. CPU minimum of Intel Core i3 3rd Generation. (Please specify if embedded PC)		

	Minimum Requirements	Compliance (Y/N) , Notes	*Brochure Page No.*
	D. Hard Drive, minimum of 1 TB Serial ATA II 7200 rpm. (Please specify if embedded PC)		
	E. Optical Multi-super drive.		
	F. 19" LED Display.		
	G. Dedicated Keyboard &Mouse.		
7	**Dedicated DICOM Publishing Software:** A. Specify brand.		
	B. Specify Manufacturer.		
	C. CE or FDA Marking.		
	D. IHE Compliant.		
	E. Fully DICOM 3.0 compliant and provides the following DICOM services :(STORE SCP/SCU, QUERY & Retrieve SCP/SCU).		
	F. Multi-Modality Support.		
	G. Web page accessibility & Manageability.		
8	**Universal DICOM Viewer:** A. Basic Annotation and measurement.		
	B. Multiple image layouts and previews.		
	C. Zoom In/Out.		
	D. Image Rotation and Panning.		
	E. Demographics preview.		
	F. Export to different file types (JPEG,BMP,..)		
	G. Export to AVI facility is an option.		
	H. Any other options please specify.		
9	CD-Recordable (CD-R) discs store up to 700MB of data, **Quantity of (1000) Blank White surface – Inkjet Printable should be included with each unit.**		

	Minimum Requirements	Compliance (Y/N) , Notes	*Brochure Page No.*
10	Quantity of (20) Inkjet Cartridge should be included with each unit.		
11	CD-Recordable (CR-/+R) media should be priced separately, fixed for five years after the warranty period.		
12	Inkjet Cartridge media should be priced separately, fixed for five years after the warranty period.		
13	Service contract to be priced separately for 8 years after the warranty period for whole system required included spare parts & labor costs.		

Item 19	Protective Lead Apron	Qty. (15)

IMPORTANT NOTE:

Vendors are required to fill out the product details, compliance information, and brochure reference page number in the columns below

TECHNICAL SPECIFICATIONS:

The unit must meet or exceed the requirements listed in the table below.

Product Details	
Name of Manufacturer	
Model/ catalogue number	
Country of Origin for the offered model	
Country where the manufacturer is based	
Delivery time	
Full warranty period	
FDA clearance OR CE Mark	

	Minimum Requirements	Compliance (Y/N) , Notes	*Brochure Page No.*
*	One piece design, coat apron full frontal protection 0.50 Pb and half back protection 0.25 Pb with:		
1	Small , Medium & large		
2	different colors		
3	Front Protection Apron		
4	Free Lead Neck Collar		
5	Light weight, soft easy wrap around, easy clean		
6	Water proof cove		

Item 20	MOBILE LEAD APRON RACK	Qty. (5)

IMPORTANT NOTE:

Vendors are required to fill out the product details, compliance information, and brochure reference page number in the columns below

TECHNICAL SPECIFICATIONS:

The unit must meet or exceed the requirements listed in the table below.

Product Details	
Name of Manufacturer	
Model/ catalogue number	
Country of Origin for the offered model	
Country where the manufacturer is based	
Delivery time	
Full warranty period	
FDA clearance OR CE Mark	

	Minimum Requirements	Compliance (Y/N) , Notes	Brochure Page No.
*	Apron Rack, for storing and transporting lead or lead-free frontal or wrap-around X-ray vest and kilt aprons.		
1	Weight capacity 200 kg		
2	Approximate overall dimensions (W x H).: 26" x 50"		
3	Heavy duty construction frame, from S/S or chrome plated.		
4	**Mounted on 5 antistatic, 3-inch swivel castors (2 braked)**		

Item 21	BMD (DEXA)	Qty. (1)

IMPORTANT NOTE:

Vendors are required to fill out the product details, compliance information, and brochure reference page number in the columns below

TECHNICAL SPECIFICATIONS:

The unit must meet or exceed the requirements listed in the table below.

Product Details	
Name of Manufacturer	
Model/ catalogue number	
Country of Origin for the offered model	
Country where the manufacturer is based	
Delivery time	
Full warranty period	
FDA clearance OR CE Mark	

	Minimum Requirements	Compliance (Y/N), Notes	*Brochure Page No.*
*	BMD should be make all performs measurements of the bone density on various parts of the body such as the spine, the femoral bone, the forearm and the whole body using X-ray.		
A	**Main Features**		
1	High frequency generator		
2	Switched-pulse dual-energy 120 kVp or better		
3	Digital Fast Beam with X and Y kinematics		
4	Linear X-ray fan-beam, utilizing motorized table and C-arm		
5	Multi-element high resolution digital detector array		
6	Patient weight ≥ 130kg		
7	Number of detectors : ≥128 Detectors		

	Minimum Requirements	Compliance (Y/N), Notes	*Brochure Page No.*
8	FDA approved		
D	**X-Ray Tube**		
1	Constant potential source at 76kV		
2	Dose efficient K-edge filter		
3	Tube current: 0.05 - 1.50 mA		
E	**Applications**		
1	• AP spine • Femur • Dual Femur • Forearm/supine forearm • Total body BMD • Dual-energy Vertebral Assessment (DVA) (lateral and AP) • Fracture risk assessment tool • Total and regional body composition1 Advanced body • Composition (data visualization, trending & reporting tools) • Other options to be priced separately		
2	IVA HD		
3	Whole body		
4	Proximal Femur		
5	SE femur		
6	All others application and options to be priced		

	Minimum Requirements	Compliance (Y/N), Notes	*Brochure Page No.*
F	**Calibration**		
1	Automatic, continuous calibration using automatic internal reference system		
2	Automatic quality control program with multiple system checks		
G	**Scans :**		
1	Whole Body		
2	Forearm		
3	Lateral 'Lumbar 'Spine		
4	Supine 'Lumbar 'Spine		
5	Hip		
6	Lateral Distal Femur		
H	**Standard Computer Hardware**		
1	Computer worktable with Core i5 GHz		
2	Windows® 7XP Professional 64 bits		
3	HD : 500GB		
4	RAM : 4 GB		
5	21" LCD flat panel monitor		
6	HP color laser Jet® printer		
7	DVD RAM drive		
8	Complete connectivity with DICOM, HL7,work list,….,etc.		
I	All accessories to be included.		
J	Service training for one biomedical engineers/technicians as per term the special terms		

	Minimum Requirements	Compliance (Y/N), Notes	*Brochure Page No.*
K	Service contract to be **priced separately** for 8 years after the warranty period for whole system required included spare parts & labor costs.		

Item 22	Maxillofacial Trauma Surgical Set (kit)	Qty. (1)

IMPORTANT NOTE:

Vendors are required to fill out the product details, compliance information, and brochure reference page number in the columns below

TECHNICAL SPECIFICATIONS:

The unit must meet or exceed the requirements listed in the table below.

Product Details	
Name of Manufacturer	
Model/ catalogue number	
Country of Origin for the offered model	
Country where the manufacturer is based	
Delivery time	
Full warranty period	
FDA clearance OR CE Mark	

	Minimum Requirements	Compliance (Y/N) , Notes	Brochure Page No.
A	The below mentioned instruments should have the following specifications:		
1	Metal instrument should be made of a very high quality of S.S. or titanium.		
2	Metal instrument should be highly resistant to corrosion and erosion.		
3	All instruments in the set should be autoclavable.		
B	The surgical set should contain the following (except the plate and screw system):		
1	Different kinds of soft tissue retraction as tongue, lip, cheek .....etc.		
2	Different type and size of mucoperiosteal elevations.		
3	Bone clamp different size.		
4	Scalpe handle.		

	Minimum Requirements	Compliance (Y/N) , Notes	Brochure Page No.
5	Hammer mallet.		
6	Instrument for bone grafting from hip.		
7	Wire cutter, heavy duty.		
8	Wire instrument.		
9	Twister different kind (specify please).		
10	Artery forceps different size.		
11	Tooth forceps different size.		
12	Non tooth forceps different size.		
13	Any other instrument necessary in the kit and not mentioned above (please mention and specify		

Item 23	Orthognathic surgery set (kit)	Qty. (1)

IMPORTANT NOTE:

Vendors are required to fill out the product details, compliance information, and brochure reference page number in the columns below

TECHNICAL SPECIFICATIONS:

The unit must meet or exceed the requirements listed in the table below.

Product Details	
Name of Manufacturer	
Model/ catalogue number	
Country of Origin for the offered model	
Country where the manufacturer is based	
Delivery time	
Full warranty period	
FDA clearance OR CE Mark	

	Minimum Requirements	Compliance (Y/N) , Notes	Brochure Page No.
A	**The below mentioned instrument should have the following specification:**		
1	Metal instrument should be made of a very high quality of S.S or titanium plated.		
2	Metal instrument should be highly resistant to corrosion and erosion.		
3	All instruments in the kit should be autoclavable.		
B	**The surgical set should contain the following (excluding the plate and screws system) :**		
1	Different kinds of soft tissue retractor as (tongue,lip, check etc.)		
2	Different types of muco-periosteal retractions.		
3	Diathermy (electrod handle with its accessories specially designed for wound opening (option).		
4	Coronoid retractors.		

	Minimum Requirements	Compliance (Y/N) , Notes	Brochure Page No.
5	Bone and ramus clamps.		
6	Scalpe handle.		
7	Special instrument to determine facial vertical dimension (contains reference pin, holder fixed on hand piece ,bone spacer, metal ruler).		
8	Hammer mallet.		
9	Different kinds and sizes of ostetoms including splitting osteotoms.		
10	Bone separator forceps smiths or equivalent.		
11	Row desimpaction forceps (right and lift).		
12	Maxilla mobillizer (different kinds		
13	Wire cutter (heavy duty).		
14	Wire instruments - different kinds (specify).		
15	Bone holding forceps.		
16	Nasal retractor.		
17	Wilsham's elevator (forceps)		
18	Any other essential instrument not mentioned above, please specify.		
19	Different kinds of soft tissue retractor as (tongue,lip, check etc.)		

Item 24	FLAME TOURCH	Qty. (5)

IMPORTANT NOTE:

Vendors are required to fill out the product details, compliance information, and brochure reference page number in the columns below

TECHNICAL SPECIFICATIONS:

The unit must meet or exceed the requirements listed in the table below.

Product Details	
Name of Manufacturer	
Model/ catalogue number	
Country of Origin for the offered model	
Country where the manufacturer is based	
Delivery time	
Full warranty period	
FDA clearance OR CE Mark	

Item 25	Surveyor	Qty. (1)

IMPORTANT NOTE:

Vendors are required to fill out the product details, compliance information, and brochure reference page number in the columns below

TECHNICAL SPECIFICATIONS:

The unit must meet or exceed the requirements listed in the table below.

Product Details	
Name of Manufacturer	
Model/ catalogue number	
Country of Origin for the offered model	
Country where the manufacturer is based	
Delivery time	
Full warranty period	
FDA clearance OR CE Mark	

Item 26	Bunsen Burner	Qty. (6)

IMPORTANT NOTE:

Vendors are required to fill out the product details, compliance information, and brochure reference page number in the columns below

TECHNICAL SPECIFICATIONS:

The unit must meet or exceed the requirements listed in the table below.

Product Details	
Name of Manufacturer	
Model/ catalogue number	
Country of Origin for the offered model	
Country where the manufacturer is based	
Delivery time	
Full warranty period	
FDA clearance OR CE Mark	

Item 27	Simple Hinge Articulator	Qty. (6)

IMPORTANT NOTE:

Vendors are required to fill out the product details, compliance information, and brochure reference page number in the columns below

TECHNICAL SPECIFICATIONS:

The unit must meet or exceed the requirements listed in the table below.

Product Details	
Name of Manufacturer	
Model/ catalogue number	
Country of Origin for the offered model	
Country where the manufacturer is based	
Delivery time	
Full warranty period	
FDA clearance OR CE Mark	

Item 28	Flask For Acrylic Work	Qty. (10)

IMPORTANT NOTE:

Vendors are required to fill out the product details, compliance information, and brochure reference page number in the columns below

TECHNICAL SPECIFICATIONS:

The unit must meet or exceed the requirements listed in the table below.

Product Details	
Name of Manufacturer	
Model/ catalogue number	
Country of Origin for the offered model	
Country where the manufacturer is based	
Delivery time	
Full warranty period	
FDA clearance OR CE Mark	

Item 29	Flask Clamp	Qty. (7)

IMPORTANT NOTE:

Vendors are required to fill out the product details, compliance information, and brochure reference page number in the columns below

TECHNICAL SPECIFICATIONS:

The unit must meet or exceed the requirements listed in the table below.

Product Details	
Name of Manufacturer	
Model/ catalogue number	
Country of Origin for the offered model	
Country where the manufacturer is based	
Delivery time	
Full warranty period	
FDA clearance OR CE Mark	

Item 30	LUMBAR BUNCTURE SET	Qty. (10)

IMPORTANT NOTE:

Vendors are required to fill out the product details, compliance information, and brochure reference page number in the columns below

TECHNICAL SPECIFICATIONS:

The unit must meet or exceed the requirements listed in the table below.

Product Details	
Name of Manufacturer	
Model/ catalogue number	
Country of Origin for the offered model	
Country where the manufacturer is based	
Delivery time	
Full warranty period	
FDA clearance OR CE Mark	

Item 31	BED PAN	Qty. (50)

IMPORTANT NOTE:

Vendors are required to fill out the product details, compliance information, and brochure reference page number in the columns below

TECHNICAL SPECIFICATIONS:

The unit must meet or exceed the requirements listed in the table below.

Product Details	
Name of Manufacturer	
Model/ catalogue number	
Country of Origin for the offered model	
Country where the manufacturer is based	
Delivery time	
Full warranty period	
FDA clearance OR CE Mark	

Item 32	URINAL	Qty. (50)

IMPORTANT NOTE:

Vendors are required to fill out the product details, compliance information, and brochure reference page number in the columns below

TECHNICAL SPECIFICATIONS:

The unit must meet or exceed the requirements listed in the table below.

Product Details	
Name of Manufacturer	
Model/ catalogue number	
Country of Origin for the offered model	
Country where the manufacturer is based	
Delivery time	
Full warranty period	
FDA clearance OR CE Mark	

Item 33	Ext. fixator set. and implants	Qty. (10)

IMPORTANT NOTE:

Vendors are required to fill out the product details, compliance information, and brochure reference page number in the columns below

TECHNICAL SPECIFICATIONS:

The unit must meet or exceed the requirements listed in the table below.

Product Details	
Name of Manufacturer	
Model/ catalogue number	
Country of Origin for the offered model	
Country where the manufacturer is based	
Delivery time	
Full warranty period	
FDA clearance OR CE Mark	

Item 34	DCS SET	Qty. (3)

IMPORTANT NOTE:

Vendors are required to fill out the product details, compliance information, and brochure reference page number in the columns below

TECHNICAL SPECIFICATIONS:

The unit must meet or exceed the requirements listed in the table below.

Product Details	
Name of Manufacturer	
Model/ catalogue number	
Country of Origin for the offered model	
Country where the manufacturer is based	
Delivery time	
Full warranty period	
FDA clearance OR CE Mark	

Item 35	Femoral Distractors	Qty. (2)

IMPORTANT NOTE:

Vendors are required to fill out the product details, compliance information, and brochure reference page number in the columns below

TECHNICAL SPECIFICATIONS:

The unit must meet or exceed the requirements listed in the table below.

Product Details	
Name of Manufacturer	
Model/ catalogue number	
Country of Origin for the offered model	
Country where the manufacturer is based	
Delivery time	
Full warranty period	
FDA clearance OR CE Mark	

Item 36	Thorascopic surgery set	Qty. (1)

IMPORTANT NOTE:

Vendors are required to fill out the product details, compliance information, and brochure reference page number in the columns below

TECHNICAL SPECIFICATIONS:

The unit must meet or exceed the requirements listed in the table below.

Product Details	
Name of Manufacturer	
Model/ catalogue number	
Country of Origin for the offered model	
Country where the manufacturer is based	
Delivery time	
Full warranty period	
FDA clearance OR CE Mark	

	Minimum Requirements	Compliance (Y/N) , Notes	Brochure Page No.
1	Lung grasping forceps with round ratchet, 30° curved down, ø 4.5 mm, 300 mm working length.		
2	Organ grasping forceps atraumatic with round ratchet, 30° curved down, ø 4.5 mm, 300mm working length.		
3	DeBakey Universal ring clamp Ø 10 mm, with round ratchet, 30° down angled, down opening, Ø 4.5 mm, 300 mm working length		
4	DeBakey Universal ring clamp Ø 6.8 mm, with round ratchet, 30° down angled, down opening, Ø 4.5 mm, 300 mm working length		
5	Pulmonalis clamp, with round ratchet, 30° down angled, curved left, with extended, distal DeBakey tip, Ø 4.5 mm, 300 mm working length		
6	Atraumatic DeBakey grasping forceps with round ratchet, up opening, 30° curved down, ø 4.5 mm, 300 mm working length		

	Minimum Requirements	Compliance (Y/N) , Notes	Brochure Page No.
7	Mixter clamp extended across, without ratchet, Ø 4.5 mm, 300 mm working length		
8	Overholt-Geißendörfer with round ratchet, Ø 4.5 mm, 300 mm working length		
9	Kelly forceps without ratchet, 30° curved down, Ø 4.5 mm, 300 mm working length		
10	Ciradur scissors, bl/bl, up opening, 30° curved down, Ø 4.5 mm, 300 mm working length		
11	Needle holder Top dur, curved, with short wide jaw, with Hegar-ratchet, Ø 4.5 mm, 300 mm working length		
12	Ciradur Needle holder, straight, jaw convex/concave, with Hegar-ratchet, Ø 4.5 mm, 300 mm working length		
13	MICTEC Loop		
14	Pleura abrader, ball style, 300 mm working length		
15	Hook electrode 30° curved upward, Ø 4.7 mm, 300 mm working length		
16	Suction-irrigation tube set, Ø 5/10 mm, curved, 300 mm working length, including: 10 mm 3-way-tap art.no. 04-11001-00 5 mm tube art. no. 04-11012-04 10 mm tube art. no. 04-11012-05		
17	Flat electrode with suction irrigation connection, 30° curved upward, Ø 4.7 mm, 300 mm working length; 3 way-tap not included		
18	DeBakey Klemme 90°, 1x2 teeth, without ratchet, 330 mm		
19	DeBakey Ring forceps, Ø 6.8 mm, without ratchet, 30° down angled, down opening, Ø 4.5 mm, 300 mm working length ,regular handle		
20	Suction tube curved Ø 3.2 mm, tip Ø 6 mm, without thumb suction control, working length 170mm, 310 mm total length.		

	Minimum Requirements	Compliance (Y/N) , Notes	Brochure Page No.
21	Chest tube passer without ratchet, 10 mm, 350 mm total length.		
22	Mayo-Russ grasping forceps 30cm		
23	Sterilization box stainless steel, 540 x 255 x 75 mm at least, consists of 2 parts (box and cover)		
24	RIGID BRONCHOSCOPE :		
	a- STRAIGHT FORWARD telescope 0 degree, diameter 5.5 mm, length 50 cm, autoclavable, fiber optic light transmission incorporated, with universal light adapter.		
	b- Universal bronchoscope size 8.5, 7.5, 6.5, 5.5 length 43cm, autoclavable.		
	c- Optical forceps alligator for hard foreign bodies large jaws with spring action handle for use with STRAIGHT FORWARD telescope 0 degree length at least 55cm, autoclavable.		
	d- Optical Suction tube to use with STRAIGHT FORWARD telescope 0 degree, length at least 55cm, autoclavable.		
	e- Glass window plug use with STRAIGHT FORWARD telescope 0 degree, autoclavable.		

SPECIAL TERMS

- *Offers not complying with any of the special terms or the technical specifications shall be considered non-conforming with tender requirements.*

- *Any vendor providing FORGED documents shall be disqualified from the current tender and banned from participating in any future RMS tenders.*

1. *All equipment must be the most recently released model/version which is equal to or higher than the range of the specifications of the required system (low, mid or high) and equal to or higher than the level of technology and required options mentioned in the technical specifications.*

2. *Required certificates:*

   A. *For equipment of US origin, a copy of a certificate of FDA approval & the relevant 510K clearance for selling to US healthcare facilities for the offered model must be submitted with the technical offer.*

   B. *For equipment of other origins, a copy of either a CE certificate with the relevant CE number (MDD)/TÜV/BSI/UL OR a certificate of FDA approval & the relevant 510K clearance for selling to US healthcare facilities for the offered model must be submitted with the technical offer.*

   C. *Only for class I medical equipment, submission of a copy of Declaration of Conformity certificate (MDD) for the offered model shall be accepted.*

   D. *With each offer, bidders must provide a formally endorsed document issued by the manufacturer stating that the bidder is the sole certified agent / distributor for the offered item.*

   E. *In all of the above cases (except 2.4) certificates must be formally endorsed by JFDA.*

3. *Country of origin:*

   i. The country of origin of the main part (s) of the system must be one of the following:

   USA, Canada, Japan, UK, Sweden, Finland, Denmark, Switzerland, Belgium, Germany, France, Netherlands, Spain, Norway, Italy, Ireland, Austria, New Zealand, Australia &Czech Republic.

ii. *Accessories and consumables (as determined by the purchasing committee) may be manufactured in other countries and/or by different manufacturers.*

iii. *All offered items must be approved for sale in the same country of origin.*

iv. *Vendors must specify the origin of <u>all</u> offered items and accessories in the technical offer.*

v. *Equipment manufactured by reputable companies based in any of the countries mentioned in (3.1) will be taken into consideration regardless of the manufacturing site <u>only:</u>*

a. *<u>If</u> they are approved for sale in the same county of origin (an original and officially endorsed free-sale certificate from an authorised body must be included in the offer.*

<u>OR</u>

b. *If they are approved for sale in at least three of the countries mentioned in (3.1) (an original and officially endorsed free-sale certificate from an authorised body in those countries must be included in the offer).*

vi. *Bidders must submit their reservations/queries regarding tender specifications and/or special terms within the first third of the tender closing period starting from the tender announcement date. Reservations/queries submitted after the end of this period shall be rejected.*

4. *Warranty:*

i. *Offers must include a full warranty including spare parts and labour for a period of a minimum of 24 months from the date of installation.*

ii. *If at any time during the warranty period the item becomes inoperative due to a technical fault the item must then be repaired by the supplier /local agent within a period of fourteen days from written notification, otherwise the supplier must replace the item with a new identical functioning one and will endure a penalty determined by the Royal Medical Services for each day of the downtime of the system. In case the item was replaced by a new one, the warranty period mentioned in (4.1.) above will start from the installation and commissioning date of the new item.*

5. *One set of operation manual(s) and one set of service manual(s) including schematics and a spare-part list must be delivered with each unit, CD/DVD is acceptable. For large tenders, a certain agreed percentage of manuals per item may be agreed upon.*

6. *Where applicable, pre-installation shall be the sole responsibility of the supplier. Pre-installation shall include removal of old system(s), any civil work, electrical work or site modification(s) necessary to accommodate the new system(s) according to manufacturers' specifications and safety standards in addition to the work required for bringing back the site to the same working conditions as before installing the new system(s).*
7. *Power requirements: where applicable either single phase 220V, 50Hz or 3-phase 380V. Systems with external transformers are considered conforming only if clearly stated in the technical specifications.*
8. *Technical offers must include clear original technical brochures/catalogues for all offered items.*
9. *Offers must include fully detailed technical offers and compliance sheets as a soft copy (either Microsoft office or Microsoft excel format) in addition to a hard copy, mentioning the exact model/catalogue number and country of origin of the offered item(s), full technical description/specifications and any accessories or options included in the offer.*
10. *Compliance sheets must be as per the tabular format of the technical specifications in the tender documents, listing the required specifications on one column and a <u>Yes or NO</u> response to each point in the adjacent column, with reference to page and line numbers in the relevant technical brochure. Offers not complying with this term shall be rejected.*
11. *Accessories and consumables:*
    - i. *Any accessories and consumable items necessary to operate the offered system must be clearly identified and priced separately.*
    - ii. *Technical offers must include a priced list for accessories and consumables as a hard copy in addition to a soft copy (either Microsoft office or Microsoft excel format) with prices fixed for a period of five years from the date of installation and commissioning with a maximum annual increase of 2%, <u>any essential item not listed will be considered free of charge.</u>*
    - iii. *Accessories and consumables must be priced according to their delivery destination either to Queen Alia International Airport or to RMS Main Medical Stores.*
    - iv. *Where applicable, a start-up kit of accessories and consumable items must be provided with each system on a free-of-charge basis.*
12. *Spare Parts:*

i. *Technical offers must include a comprehensive and priced spare parts list as a hard copy in addition to a soft copy (either Microsoft office or Microsoft excel format) valid for a minimum period of five years with a maximum annual increase of 2%, commencing at the end date of the warranty period, any essential item not listed will be considered free of charge.*

ii. *Spare parts must be priced according to their delivery destination either to Queen Alia International Airport or to RMS Main Medical Stores.*

13. *Spare parts, consumables and accessories availability must be guaranteed for a minimum period of ten years starting from the date of installation and commissioning.*

14. *Tender Awards:*

i. *For the final list of offers having a chance of winning the award, the awarding process shall be based on the accumulative value of both the offered item and its' running cost (Total Cost of Ownership) over a period of seven years from the date of installation and commissioning. Only offers with the lowest total cost of ownership over a period of seven years from the date of installation and commissioning shall qualify for the award.*

ii. *Running cost includes the value of consumables, accessories needed to operate the system over the same period as well as the cost of any service contract (where applicable).*

15. *For PC/Laptop based systems:*

i. *Complete restoration medium (CD/DVD/etc.) of the operating system and the application software must be supplied.*

ii. *Where locally supplied computers or laptops are offered, only computers/laptops from Apple, hp/Compaq, Lenovo, Dell, fujtisu or Toshiba will be accepted, offered models must be the latest available version upon delivery.*

iii. *Where locally supplied printers are offered only the following types and brands are accepted: HP, SAMSUNG, OKI, CANON, EPSON.*

16. *Pricing must include services of sale, shipment, transportation, delivery from port to site or to Main Medical Stores, installation, pre-installation (if needed), training, commissioning, warranty and bringing the equipment into service.*

17. *Custom clearance of goods shall be the responsibility of the Jordanian Armed Forces (JAF), however, suppliers shall bear all costs incurred by handling*

charges and any demurrage charges or extra expenses incurred by the port's corporation (including expenses caused by delay in presenting the necessary shipment documents for either clearing or transporting the goods to the required location mentioned in the final order, delivery note issuing charges, unloading charges, local shipping charges etc.). The supplier is also responsible for providing of all relevant shipping documents, together with the delivery order(s).

18. *DRMS has the right to increase or decrease the awarded quantities by a percentage not exceeding 30% after the final order notification with the same prices, terms and conditions of the original contract upon DRMS request and approval of the awarded party.*

19. *The supplier must furnish DRMS with a guarantee stamped and legalized by the Notary Public equals to (115%) of the total value of the awarded equipment valid for twelvemonths from the date of final acceptance of the equipment by DRMS.*

20. *Training:*

i. For items where service training courses for the offered system are usually conducted abroad, offers must include a certified service training program at a reputable center abroad recognized by the manufacturer for at least one biomedical engineer or biomedical technician; all costs inclusive, air tickets, , boarding, commuting, accommodation (minimum 3 star hotel on full board basis) and any extra costs.

ii. For items where user training courses for the offered item are usually conducted abroad, offers must include a certified operator training program at a reputable center abroad recognized by the manufacturer for at least one operator; all costs inclusive, air tickets, , boarding, commuting, accommodation (minimum 3 star hotel on full board basis) and any extra costs.

iii. The period of the training courses must be according to the manufacturer's program excluding travelling days, and must be stated clearly in the technical offer.

iv. Training Programs must conform to the following standards:

i. *User training must comprise understanding and use of operation manual(s), correct and safe operation of the equipment, as well as user preventive maintenance and calibration.*

ii. *Service training must comprise: theory, understanding and use of service manual(s), calibration, preventive maintenance procedure, and practical troubleshooting and repair exercises, and must be conducted by professional instructors employed or authorized by the system manufacturer.*

iii. *Service training must be conducted on a system of identical make, model, and configuration to that purchased by DRMS, and designated by the manufacturer or the local agent for training purposes.*

iv. *Certificates must be endorsed and officially sealed by the system manufacturer, legally empowering trainees to engage in user and service activities according to operation and service manual(s).*

v. *Where applicable, offers must include on-site user and service training.*

Special Terms for Surgical Instruments

1. *Offers not complying with any of the special terms or the technical specifications will be considered as non-conforming.*

2. *Any vendor providing FORGED documents will be disqualified from the current tender and any future RMS tenders or purchase orders.*

3. *Bidder must provide a copy of the certificates of the following standards formally endorsed by the chamber of commerce of the manufacturing origin with the technical offer:*

a *EN ISO 13485:2012*
Standard to measure the quality of medical equipment, medical instruments and medical technology.

b *ISO 9001:2008*
Specifies requirements for a quality management system.

c *ISO 7153-1:1991*
This second edition cancels and replaces the first edition (ISO 7153-1:1983): it has been extended to include dental instruments.

d *ISO 7151:1988*
Specification of basic requirements for as well physical characteristics as workmanship, of the steel grades used and heat treatment of component parts, excluding rivets, screws.

e *ISO 7740:1985*
Lays down the dimensions of two sizes of fitting features for detachable scalpel blades and the handles with which they are used.

f *ISO 7741:1986*
This standard deals with materials, heat treatment and hardness of component parts,

corrosion resistance, workmanship and cutting ability of scissors and shears used in the surgery and defines the test methods.

g *ISO 13402:1995*
Describes test methods to determine the resistance of stainless steel surgical and dental hand instruments against autoclaving, corrosion and thermal exposure.

h *EN ISO 14001: 2004*
ISO 14001 sets out the criteria for an Environmental Management System (EMS).

i *2007/47/EC*
Is intended to harmonize the laws relating to medical devices within the European Union.

4. *Bidder must submit samples with the technical offer from each brand that was submitted in the offer to be assessed and /or evaluated by RMS.*
   - *Offers which do not include such samples will be considered non-conforming.*
   - *Offers which fail the evaluation/assessment process will be excluded from the tender.*
   - *Samples will be returned to the Bidder at the end of the evaluation/assessment process except for samples from Bidders winning the final award where they will be the property of RMS and will be kept as a reference for the receiving committee.*

5. *Required certificates:*

For instruments of USA origin, a copy of a certificate of FDA approval must be submitted with the technical offer.

For instruments of other origins, a copy of either a CE certificate (MDD)/TÜV OR a certificate of FDA approval must be submitted with the technical offer.

6. *Where applicable, a copy of declaration of conformity certificate is accepted.*

7. *With each offer, bidders must provide a formally endorsed document issued by the manufacturer stating that the bidder is the sole certified agent / distributor for the offered item.*

8. *In all of the above cases (except D) certificates must be formally endorsed by JFDA.*

9. *Country of origin:*

The origin and the manufacturing plant for each set must be one of the following countries:

USA, UK, Sweden, Switzerland, Germany, France, Austria & Czech Republic.

10. *All items should be engraved or etched with manufacturing origin, company logo and code number.*

11. *Each instrument set will be awarded as a whole set.*

12. *Bidders must submit their reservations/queries regarding tender specifications and/or special terms within the first third of the tender closing period starting from the tender announcement date. Reservations/queries submitted after the end of this period will be rejected.*

13. *The supplier must furnish DRMS with a guarantee letter stamped and legalized by the Notary Public equals to (115%) of the total value of the awarded equipment valid for twenty four months from the date of final acceptance of the equipment by DRMS which shall cover rusting, manufacturing defects, wear and tear and corrosion.*

14. *Offers must include clear original catalogues for all offered items. Images and part numbers of offered items must be provided, highlighted and outlined clearly.*

15. *Offers must include fully detailed information as a soft copy (either Microsoft office or Microsoft excel format) in addition to a hard copy, mentioning the exact model/catalogue number and country of origin of the offered item(s), full description/specifications.*

16. *Any accessories and consumable items necessary for the proper operation of surgical sets must be included in the offer. Bidder will bear any responsibility resulting from the awarding of insufficient items or sub-items.*

17. *Pricing must include services of sale, shipment, transportation, delivery from port t site or to Main Medical Stores and warranty.*

18. *Custom clearance of goods shall be the responsibility of the Jordanian Armed Forces (JAF), however, suppliers shall bear all costs incurred by handling charges and any demurrage charges or extra expenses incurred by the port's corporation (including expenses caused by delay in presenting the necessary shipment documen for either clearing or transporting the goods to the required location mentioned in t final order, delivery note issuing charges, unloading charges, local shipping charge etc.). The supplier is also responsible for providing of all relevant shipping documents, together with the delivery order(s).*

19. *DRMS has the right to increase or decrease the awarded quantities by a percentage not exceeding 30% after the final order notification with the same prices, terms and conditions of the original contract upon DRMS request and approval of the awarded party.*