

#	Item Name	Description	Quantity	Unit
لات دوم بخش تجهيزات طبي (Endo Surgery Medical Equipment)				
1	Laparoscopic Set Model: KARAL STORZ IMAGE 1 S or equivalent	<p>Specifications of the Laparoscopic Tower</p> <p>1)Laparoscopic Video Monitor (High definition Television) HDTV: 1920x1080 pixels Full digital HDTV compatible, super high resolution image with stable and flicker free image quality. 27 inch Large FULL HD LED screen provides clear, easy –to- see image with lower power consumption.</p> <p>2) Laparoscopic Camera with control unit Full HD camera IMAGE 1S connect and IMAGE 1S x-link , IMAGE 1S camera head single chip.</p> <p>3) Light source Xenon 300 watt It should have high intensity for sufficient illumination of whole abdomen and compatible with system Light intensity continuously, manually adjustable</p> <p>4) Fiber optic cable (5 mm & 250 cm):</p> <p>6) Endoflator, Electronic CO2 endoflator with tubing’s. High degree of safety, large display for status checking and powerful 35 L/min insufflations and responds to abdominal gas leaks by quickly returning to the preset level with automatic overpressure release for patient safety.</p> <p>7)Laparoscopic suction irrigation machine or pelvis cleaner system –Laparo –pump &holder for irrigation stand reusable tube set, power supply cable, .</p> <p>8)Electro-surgical unit with accessories AUTOCON III model It should have high frequency surgical unit more than adequate for all surgical procedures, can set a lower limit. Power –pack system gives intelligent cutting and coagulation support for initial incisions for all situations. Bi –polar coagulation has to be included in the above unit. Sophisticated self –check program: Minimum power consumption and patient’s safety in top quality must be present. Cut control for consistent regulation of cutting quality & soft coagulation with no carbonization to reduced adhesive effect. Neutral electrode safety system. Auto start and auto coagulation during bipolar coagulation. Digital error code displays electronic memory.</p> <p>9) Equipment Cart for tower Hand instruments for Laparoscopy:</p> <p>i) Verse’s needle : It should be with spring action blunt style all sizes</p> <p>ii) Trocar and cannula all sizes should consists of trocar, cannula with insufflation stopcock and multifunctional valve and must have pyramidal tip.</p> <p>iii) Reducer /reduction sleeve 5 mm: 1 no.</p> <p>iv) HOPKINS Telescope lens system provides good resolution and the better dept. Perception. It should have uniform image brightness and autoclavable. The 30’ forward oblique angle and permits for greater latitude for viewing underlying areas under difficult anatomical conditions</p> <p>.v)Suction Cannula : 10 mm</p>	50	Set

	<p>vi)Laparoscopic CLICKLINE scissors: Curved (Monopolar Metzenbaum dissector 5mm diameter): 1 no Straight (Bipolar) 1no Peritoneal scissor</p> <p>vii)Unipolar forceps (Hook & spatula)</p> <p>viii) Bipolar forceps) Atraumatic forceps: Maryland Dissector forceps: 2 nos. Fenestrated forceps: 2 nos.) Needle Holder (flat jaw) with handle 2nosxi) Monopolar cable (reusable) 1no.</p> <p>xii)Bipolar cable (reusable) 1no xiii)Allis (double row of teeth) grasper :</p> <p>xiv)Aspiration needle</p> <p>xv)Reducer/ Reduction sleeve (5mm)</p> <p>xvi)Grasping forceps (toothed & ratchet 5mm)</p> <p>xvii)Laparoscopic knot pusher</p> <p>xviii)Clip applicator (reusable) : 5mm - : 1no : 10 mm</p> <p>xix)Uterine Manipulator</p> <p>xx)Clips(medium & large)</p> <p>xxi)Drilling needle</p> <p>xxii)Infiltration needle</p> <p>xxiii)Biopsy forceps (toothed punch biopsy)</p> <p>xxiv) Myoma fixation screw</p> <p>xxv)Tissue morcellator with base unit & accessories</p> <p>xxvi)Vessel sealing :</p> <p>9) 3 KVA UPS for use of Laparoscopic unit</p> <p>Specifications of Hysteroscopy set</p> <p>Detail approximate Permit viewing of cervical cannula & active causes of the purpose of performing diagnose surgical procedures.</p> <ol style="list-style-type: none"> 1) Should have unique bipolar hysteroscopic system in saline when combined with versa point. 2) A slim profile and outer diameter not to exceed 4.5 mm 3) Optics to be between 9-12 degree. 4) Should have provision for continuous flow irrigation. 5) Should have at least 6 fr and preferably 7 fr working channel. 6) Should supply a 3m length suitable fibre optic cable and necessary light guideadapters7)Should supply kink resistant sealing caps for instruments of 3 to 7 fr size 8)Should supply a suitable sterilization tray for the compact hysteroscope. 9)Should supply the following compatible accessoriesi)Grasping forceps ii)Flexible scissors 1no <p>iii)Biopsy forceps</p> <p>iv)Hook scissors</p> <p>v)Cannula</p> <p>vi)Button electrode /hook :</p> <p>vii)HF Needle</p> <p>viii)HF connecting cable & cutting electrode.</p> <p>Hysteroflow with hysteron balance</p> <ol style="list-style-type: none"> i)Should be a closed system for accurate and easy fluid loss measurement ii)Intelligent software and automatic instrument recognition for accurate measurement of the intrauterine pressure. iii)One stand for easy handling.iv)Extra-large display for clearly fluid –loss information. 		
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2	<p>Endoscopy machine Model Image 1S Silver series scopes / Or Equivalent</p>	<p>Product Specification Brand Karl Storz Image processor IMAGE 1 S Full HD CLARA , CHROMA AND SPECTRA Side by side view Automatic light source control</p> <p>Image 1S connect Image 1s x-link Video endoscopy adaptor USB adaptor Cold light fountain co2mbi LED Integrated pump with two power levels Optimal light yield with high efficiency LED 26 inch Full HD monitor Unimat suction pump Two pedal foot switch Dedicated endoscopy tower cart</p> <p>Silver series GASTROSCOPE quantity 10 PCS High resolution CCD chip technology 140' wide angle Large depth of field 8x magnification Excellent deflection Clara Chroma and Spectra technologies</p> <p>Silver series COLONOSCOPES quantity 10 PCS</p>	10	Piece

		<p>High resolution 160' powerful wide angle Excellent deflection Torsion proof, 3 step insertion Silver series ultrathin BRONCHOSCOPES quantity 10 pcs Diameter 3.0 mm 180'/140' deflection Depth of view 3-50mm Angle of view 100' Silver series BRONCHOSCOPES quantity 10 pcs Diameter 6mm Angle of view 100' Depth of field 3-100mm High resolution</p> <p>Accessories for Biopsy: Biopsy forceps Stone basket Snares Cleaning brush Leakage tester Suction valve Hot biopsy forceps Grasping forceps Root tooth Europe, US or Japan</p> <p>Note: Installation & Basic Operation Training is Supplier responsibility Warranty for 2 years</p> <p>Technical notes: following points must be noted:</p> <ul style="list-style-type: none"> • ISO 9001:2000 or FDA or CE certificates • Brochure • User and Service manual and technical documentation in English. • Post-sale service must be provided within 5 days from malfunctioning report. • One preventive maintenance visit per Six Months. • Spare parts for service of the equipment and preventive annual maintenance must be available for 10years. 		
3	Electro cautery Unit Model: ERBE VIO 300D	Item Summary for Electrosurgical Uni ERBE VIO 300D Electrosurgical Generator. REF 10140-100 ERBE APC 2 Argon Plasma Coagulator. REF 10134-100 Software Version: 2.2.1 All Languages ERBE 20189-027 ICC Two (Double/Dual) Pedal Footswitch w/Spacer	50	Piece

		<p>ERBE 20189-305 VIO Two (Double/Dual) Pedal Footswitch w/Re Mode w/Bracket ERBE 20180-000 VIO Cart w/Footswitch Holder, Cable Wrap & 1 Bottle Fixation Gold Probe Electrical Connector-STD, REF 6007. 2013-12 Circumferential Fire, Flexible Cable, REF 20132-218. 2016-11 Side Fire, Flexible Conical Beam Cable, REF 20132-217. 2015-07 2- Olympus MAJ-860 Auto cleavable Electrosurgical Cords for ERBE.</p> <p>OR Equivalent One Year Warranty Technical notes: following points must be noted:</p> <ul style="list-style-type: none"> • ISO 9001:2000 or FDA or CE certificates • Brochure • User and Service manual and technical documentation in English. • Post-sale service must be provided within 5 days from malfunctioning report. • One preventive maintenance visit per Six Months. • Spare parts for service of the equipment and preventive annual maintenance must be available for 10years. 		
4	Autoclave machine for Endoscopic dep.Model: ETD2 Olympus	<p>Specify Capacity-133 C G-with maintenance And Two Years Warranty or Equivalent. Technical notes: following points must be noted:</p> <ul style="list-style-type: none"> • -sale service must be provided within 5 days from malfunctioning report. • ISO 9001:2000 or FDA or CE certificates • Brochure • Post preventive maintenance visit per Six Months. 	4	Piece
5	Gynecology set KLS Martin or equivalent	<p>1 Vaginal speculum • 1 Tenea culum1 Songe holding forceps • 1 Duck speculum • 1 Curret • 1 Dilators • 1 Simis speculum</p> <p>Germany / Europe or Equivalent</p> <p>Technical notes: following points must be noted:</p> <ul style="list-style-type: none"> • One ISO 9001:2000 or FDA or CE certificates 	10	Set
6	Hysterectomy set KLS Martin or equivalent	<p>S/N Item description Specification 1 Abdominal Retractor Double ended (recharadson) 2 Operating Scissor Curved blunt pointed mayo 3 Operating Scissor Straight blunt pointed mayo</p>	27	Set

	<p>4 Hysterectomy forceps Straight 22.5 cm 5 Needle Straight 22.5 cm 6 Mosquito forceps Straight 12.5 cm 7 Mosquito forceps Curved 12.5 cm 8 Tissue forceps Tooth 19 cm 9 Tissue forceps Non tithed 19 cm 10 Sponge forceps 22.5 cm 11 Uterine hemostasis forceps 20 cm 12 Instrument tray with cover S.S 10*12Instrument tray with cover S.S 10*12 Artery forceps Straight 16 cm Surgical knife handle No 3 Surgical knife handle No 4 Towel Clips Surgical Blade No 3 Surgical blade No 4 Suture needle point Triangular 7.3 cm size 6 Suture needle point Round bodied No 12 size 6</p> <p>Germany / Europe or Equivalent.</p> <p>Technical notes: following points must be noted:</p> <ul style="list-style-type: none">• ISO 9001:2000 or FDA or CE certificates		
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