



بتمويل من  
الإتحاد الأوروبي



**GWQ**  
Generations  
without Qat



## MEDICAL EQUIPMENT'S SPECIFICATIONS AL-WAFAA HEALTH CENTER

NO	ITEM DESCRIPTION
1	<b>Centrifuge</b>
	<ul style="list-style-type: none"> <li>Centrifuge machine</li> <li>A rugged, simple, and reliable centrifuge machine whose classic design has stood the test of time</li> <li>Rotor capacity: 8 tubes</li> <li>Max Speed: 10 - 4000 rpm with 8-place rotor (or better)</li> <li>Timer: at least 0-15 min. mechanical timer</li> <li>Motor: Universal motor</li> <li>Delivered with all necessary accessories for its good operation</li> <li>Power supply: 220-240V 50/60Hz</li> <li>Warranty: 2 years</li> <li><b>Delivery period (supply within tow weeks from the date of signing the contract)</b></li> </ul>
2	<b>I.V.stand</b>
	<ul style="list-style-type: none"> <li>4 hooks, on 5 castors, adjustable from 115-210 cm, stainless steel pee</li> <li><b>Delivery period (supply within tow weeks from the date of signing the contract)</b></li> </ul>
3	<b>Biological Microscope</b>
	<ul style="list-style-type: none"> <li>Body-Single mould sturdy stand, inclined Binocular body 30 ° 360 rotatable head</li> <li>Eyepieces-Highest quality 10 X/20mm wide angle anti-fungus field yepiece. one with pointer. Diopter adjustment <b>MUST</b> be present on both eyepieces.</li> <li>Objectives-Parfocal, antifungus coated 4x, 10x, 40x and 100x (oil immersion) with semi planner achromatic correction. Objective should be well centred even if their position on turret is changed.</li> <li>Optical system-Infinity corrected.</li> <li>Stage - Double plate rackless horizontal mechanical stage preferably 100 x 140 mm with fine vernier graduations designed with convenient coaxial adjustment for slide manipulation preferably through 30 x 70 mm doubleslide holder.</li> <li>Sub stage-Abbe condenser focusable, continuously variable iris diaphragm</li> <li>Illuminator-Built-in LED light source with white light with intensity control and LED life of more than 10, 000 Hrs.</li> <li>Focussing: Coaxial coarse and fine focussing knob, capable of smooth, fine focussing movement sensivity; minimum: 300 micron; focusing stop for slide safety.</li> <li><b>The device must be the latest and advanced model</b></li> </ul> <p><b>Warranty</b></p> <ul style="list-style-type: none"> <li>At least 2 Years</li> <li><b>Delivery period (supply within tow weeks from the date of signing the contract)</b></li> </ul>
4	<b>Nebulizer</b>
	<ul style="list-style-type: none"> <li>Piston compressor, airflow 8 &amp; 11t./min., max. pressure 185 kPa, bulb,</li> <li>Adult &amp; child mask, mouthpiece, nosepiece, air tube, 3 air filters</li> <li>Warranty: 2 years</li> <li><b>Delivery period (supply within tow weeks from the date of signing the contract)</b></li> </ul>



بتمويل من  
الإتحاد الأوروبي



**GWQ**  
Generations  
without Qat



<b>5</b>	<b>Pulse Oximeter (Finger Sensor)</b>
	<ul style="list-style-type: none"> <li>• Portable, lightweight and desktop model</li> <li>• SPO2 and Heart Rate on LCD/TFT Display</li> <li>• Waveform with numeric display for SPO2 and Heart Rate</li> <li>• SPO2 range of 0 to 100% -SPO2 accuracy of +2%</li> <li>• Bar graph for pulse strength</li> <li>• Audio and visual alarm for both upper and lower SPO2 and Heart rate</li> <li>• Should provide with adult and children reusable finger probe-Built-in+-</li> <li>• Power supply : Battery</li> <li>• <b>Delivery period (supply within tow weeks from the date of signing the contract)</b></li> </ul>
<b>6</b>	<b>Sphygmomanometer Mercury Stand type</b>
	<ul style="list-style-type: none"> <li>• Sphygmomanometer, stand type on castors , mercury column-based</li> <li>• Measuring scale shall be made from injected transparent polymethacrylate encases in metallic structure protected with Epoxy paint or baked-enamel</li> <li>• Range of measurement shall be 0 to 300mmHg as standard with at least a precision of +/-3mmHg (static measure). Display of digits shall be easily readable (4mm high minimum)</li> <li>• Cuff shall be made of PVC, and shall ensure a constant and precise decompression, Velcro fixation</li> <li>• The unit shall be recessed in a closable metallic container</li> <li>• Supplied with:</li> <li>• 1 Cuff for Adult</li> <li>• 1 Cuff for Children</li> <li>• <b>Delivery period (supply within tow weeks from the date of signing the contract)</b></li> </ul>
<b>7</b>	<b>Stethoscope, Pediatric</b>
	<ul style="list-style-type: none"> <li>• Stethoscope, Binaural type, Cardiac and Pulmonary examination.</li> <li>• Receptor shall be of dual membrane in single monobloc Stainless Steel casing.</li> <li>• Adult membrane shall be 45mm diameter. Children membrane shall be 36mm diameter</li> <li>• Ear frame shall be made of Stainless Steel and orientable as well as</li> <li>• Interchangeable. Nickel-steel spring</li> <li>• <b>Delivery period (supply within tow weeks from the date of signing the contract)</b></li> </ul>
<b>8</b>	<b>Suction machine 10L</b>
	<ul style="list-style-type: none"> <li>• Electric Suction Machine</li> <li>• Max negative pressure: <math>\geq 0.09\text{MPa}</math>(680mmhg)</li> <li>• Noise:<math>\leq 65\text{ dB (A)}</math></li> <li>• Power supply: 200-240VAc/50Hz</li> <li>• Max continuous working time: 30-40 minutes (minimum)</li> <li>• Pumping/Flow rate: Terminal <math>\geq 20\text{L/min}</math>, Exit <math>\geq 30\text{ L/min}</math></li> <li>• Reservoir capacity: 2500mL/pc, 2 pieces (or more)</li> <li>• Delivered with all necessary accessories for its good operation</li> <li>• tow-year warranty including preventive, curative maintenance and spare parts</li> <li>• <b>Delivery period (supply within tow weeks from the date of signing the contract)</b></li> </ul>
<b>9</b>	<b>Portable Ultrasound System Image With/2 Probes/ printer and UPS</b>
	<ul style="list-style-type: none"> <li>• To be used for Abdomen, Genecology Obstetric, Urology)</li> <li>• Modes', B/B, 4B, B/M 2)</li> <li>• Probes: Electronic Convex Probe, Multi-Frequency (2,5 MH-5 MH)</li> <li>• Electronic Vignal probe Multi-Frequency (5MH-10MH) 3) Probe connector</li> <li>• Monitor: 12.1inch" or more</li> </ul>



بتمويل من  
الإتحاد الأوروبي



**GWQ**  
Generations  
without Qat



	<ul style="list-style-type: none"> <li>Image Adjustment: Dynamic Range B Gain, M Gain STC</li> <li>Image Display: Image Direction: (L/R) (Up/Down), Shift, Cine Memory</li> <li>Measurement Function: (Distance, Circumference, Area, Volume, Angle, Gestational Week Calculations, Histograms, LV Calculations, User Programmable Tables)</li> <li>B/W Video printer</li> <li>Trolley for the System</li> <li>UPS for the System</li> <li>Power Supply: 220-240 VAC, 50 Hz</li> <li>two-year warranty</li> <li><b>Delivery period (supply within two weeks from the date of signing the contract)</b></li> </ul>
<b>10</b>	<b>BED (manual movement)</b>
	<ul style="list-style-type: none"> <li>Strong and sturdy structure</li> <li>Frame made of epoxy-coated steel</li> <li>Legs on wheels with locking brakes</li> <li>Frame equipped with plastic bumpers and receptacles for patient-lifting and/or IV poles</li> <li>Galvanized grid or perforated steel plate platform with mattress retainers</li> <li>Easily removable head and foot ends made of stainless steel with plastic-covered bends and grips</li> <li>Collapsible protection sides</li> <li>Workload not less than 190Kg.</li> <li>Approximate Dimensions: 2100 x 950 mm.</li> <li>Movements/controls of back-rest controlled/adjusted by a gas spring piston of at least +60°. Supplied with Mattress of at least 150mm thickness, with a sleeping surface of approximately 900 x 2000 mm, enclosed by a detachable impermeable cover</li> <li>Pillow made of Anti-bacterial, anti-static, toxic-free, high-density foam core, provided with removable impermeable cover .</li> <li>Complete set of thick cotton sheets for bed and pillow (mattress cover, bed sheet, pillow cover)</li> <li><b>Delivery period (supply within two weeks from the date of signing the contract)</b></li> </ul>
<b>11</b>	<b>HEAD Lamp</b>
	<ul style="list-style-type: none"> <li>Medical head lamp</li> <li>The light spot is adjustable from 30mm to 70 mm</li> <li>Min lamination Lux 15000</li> <li>Color temperature kelvin 6000</li> <li>Battery type lithium – ion</li> <li>LED Lifetime Approx 40000 hours or more</li> <li>Battery run time 4 hours</li> <li><b>Delivery period (supply within two weeks from the date of signing the contract)</b></li> </ul>
<b>12</b>	<b>Medical privacy curtains</b>
	<ul style="list-style-type: none"> <li>Polyester 100% (or better)</li> <li>Antibacterial: Bacteria reduction rate 99.00%</li> <li>Curtain height :2.8 m</li> <li>The distance from the floor to the separation curtain is usually 20-30cm</li> <li>Grommet top</li> <li>Steel tube</li> <li><b>Delivery period (supply within two weeks from the date of signing the contract)</b></li> </ul>



بتمويل من  
الإتحاد الأوروبي



FURNITURE SPECIFICATIONS FOR AL-WAFAA HEALTH CENTER	
NO	ITEM DESCRIPTION
1	<b>Chairs</b>
	<ul style="list-style-type: none"> <li>The size not less than: L*W*H (60 *56*96) CM</li> <li>Chair frame, legs: Steel</li> <li>Seat shell/ Seat: Cheap Mesh</li> <li>Armrest: Plastic</li> <li><b>Delivery period (supply within tow weeks from the date of signing the contract)</b></li> </ul>
2	<b>Desktop PC</b>
	<ul style="list-style-type: none"> <li>Intel Core i7-th7</li> <li>Ram 8 DDR3</li> <li>Hard 512 GB SSD</li> <li>Screen 24" LCD</li> <li>Intel HD Graphics 530</li> <li>Keyboard</li> <li>Mouse</li> <li>Windows 10</li> <li>Warranty : 1 years</li> <li><b>Delivery period (supply within tow weeks from the date of signing the contract)</b></li> </ul>
3	<b>File cabinet, double door</b>
	<ul style="list-style-type: none"> <li>Material: High-Quality Cold Rolled Steel (or better)</li> <li>Shelf: 3</li> <li>Size: not less than (H1800*W900*D400mm)</li> <li>High combination handle lock</li> <li><b>Delivery period (supply within tow weeks from the date of signing the contract)</b></li> </ul>
4	<b>Printer</b>
	<ul style="list-style-type: none"> <li>Printer Functions :Print, Copy, and Scan</li> <li>Connectivity: USB &amp; Wi-Fi</li> <li>Print Resolution: Not less than 5,760 x 1,440 dpi</li> <li>Number of Colors: 4</li> <li>Printing Speed: 33 pages per minute</li> <li>Scanner Type: Contact Image Sensor (CIS)</li> <li>Scan Speed (Single-sided): A4 Black - 200 dpi; 11 seconds with flatbed scan, A4 color - 200 dpi; 28 seconds with flatbed scan</li> <li>Optical Resolution: 1,200 x 2,400 dpi (horizontal x vertical)</li> <li>Output Tray Capacity: 30 sheets</li> <li>Paper Input Capacity: 100 sheets standard</li> <li>Power Supply Voltage: AC 100 V - 240 V; 50 Hz - 60 Hz</li> <li>Warranty: 2-year warranty</li> <li><b>Delivery period (supply within tow weeks from the date of signing the contract)</b></li> </ul>
5	<b>Table for Laboratory L shape</b>
	<ul style="list-style-type: none"> <li>Side frame/ Back panel/ Bottom panel/ shelf/ Drawe: Aluminum</li> <li>Table top: Marble</li> </ul>



بتمويل من  
الإتحاد الأوروبي



	<ul style="list-style-type: none"> <li>• Shape L: 3.10*3.21 m</li> <li>• Width 60 cm</li> <li>• Sink for wash hands with pipe and all accessories for drain water</li> <li>• <b>Delivery period (supply within three weeks from the date of signing the contract)</b></li> </ul>
6	<b>Steel Chairs Visitor</b>
	<ul style="list-style-type: none"> <li>• Width 50 cm</li> <li>• The size not less than: 1750x570x760mm</li> <li>• Material: Steel</li> <li>• Seat: 3 seat</li> <li>• <b>Delivery period (supply within tow weeks from the date of signing the contract)</b></li> </ul>
7	<b>L - Desk single pedestal</b>
	<ul style="list-style-type: none"> <li>• Table top: Wood</li> <li>• Side frame/ Back panel/ Veneered doors/ Drawer front: Wood</li> <li>• The size not more than: 1800 * W900 * H750mm</li> <li>• Number of Drawers : 3 Drawers</li> <li>• Shape: L</li> <li>• <b>Delivery period (supply within tow weeks from the date of signing the contract)</b></li> </ul>
8	<b>Shelves</b>
	<ul style="list-style-type: none"> <li>• Material: Steel</li> <li>• The size not less than:(40*90*3)</li> <li>• <b>Delivery period (supply within tow weeks from the date of signing the contract)</b></li> </ul>
9	<b>Swivel Chair</b>
	<ul style="list-style-type: none"> <li>• Height adjustable robust mechanism</li> <li>• Tilt and lock flexibility.</li> <li>• Durable chrome base material.</li> <li>• Nylon mesh back feature.</li> <li>• Compressed sponge seat cushion.</li> <li>• High efficiency</li> <li>• a three-year warranty</li> <li>• The size not less than: L*W*H (60 *58*108) CM</li> <li>• Chair frame, legs: Steel</li> <li>• <b>Delivery period (supply within tow weeks from the date of signing the contract)</b></li> </ul>