







### Tables of Technical Specifications for Furnishing and Equipping Health facilities in Aden Governorates

No.   Technical Specifications   Min MOH Requirement	any.	جهاز تعق Notes
No.   Technical Specifications   Min MOH Requirement	Bidders Offer	
1 Manufacturer: Please Specify Manufacturer Name. 2 Model Number: Please Specify Model Number of The Offered Equipment. 3 Country Of origin: Please Specify Country of Origin of The Offered Equipment. 4 Safety Standard: 4.1 FDA Certificate Or CE Mark: Required Certificates  If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either:  The unit shall be safe to use both for -the operator and the patient. Class I, Protection against leakage current, protection against electric shocks: class I, Waterproofnessl.  5.1 Designed: Heavy Duty Designed, New Model. 5.2 The machine shuld be of latest model and must have lattest technology 5.3 Quality: High Quality, Safety, Ease of Use 5.4 Supplier: The Supplier is Required to be a Certified Distributor or Agent of the Compte System.  7 Temperature Range °C: Approx. 20- 260°C. 8 Chamber Capacity: 24-30L 9 Interior Chamber: Electro-acid coated aluminum 10 Zero Cross PID Temp.Control System. 11 Constructions: Stainless Steel For Interior Chamber And Steel Backed Coating Finish For Exterior Construction. 12 Display: Digital display for temperature and time	any.	Total
2 Model Number: Please Specify Model Number of The Offered Equipment. 3 Country Of origin: Please Specify Country of Origin of The Offered Equipment. 4 Safety Standard: 4.1 FDA Certificate Or CE Mark: Required Certificates  If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either:  5 Genaral Specification: The unit shall be safe to use both for -the operator and the patient. Class I, Protection against leakage current, protection against electric shocks: class I, Waterproofnessl.  5.1 Designed: Heavy Duty Designed, New Model. 5.2 The machine shuld be of latest model and must have lattest technology 4.3 Supplier: The Supplier is Required to be a Certified Distributor or Agent of the Company Controller: System.  7 Temperature Range °C: Approx. 20- 260°C.  8 Chamber Capacity: 24-30L 9 Interior Chamber: Electro-acid coated aluminum 10 Zero Cross PID Temp.Control System. 11 Constructions: Stainless Steel For Interior Chamber And Steel Backed Coating Finish For Exterior Construction. Digital display for temperature and time	any.	
3 Country Of origin: Please Specify Country of Origin of The Offered Equipment. 4 Safety Standard: 4.1 FDA Certificate Or CE Mark: Required Certificates  If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either:  The unit shall be safe to use both for -the operator and the patient. Class I, Protection against leakage current, protection against electric shocks; class I, Waterproofnessl.  5.1 Designed: Heavy Duty Designed, New Model. 5.2 The machine shuld be of latest model and must have lattest technology  5.3 Quality: High Quality, Safety, Ease of Use  5.4 Supplier: The Supplier is Required to be a Certified Distributor or Agent of the Compact System.  7 Temperature Range °C: Approx. 20- 260°C.  8 Chamber Capacity: 24-30L 9 Interior Chamber: Electro-acid coated aluminum 10 Zero Cross PID Temp.Control System.  11 Constructions: Stainless Steel For Interior Chamber And Steel Backed Coating Finish For Exterior Construction. Digital display for temperature and time	any.	
4.1 FDA Certificate Or CE Mark:  Required Certificates  If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either:  The unit shall be safe to use both for -the operator and the patient. Class I, Protection against leakage current, protection against electric shocks: class I, Waterproofnessl.  5.1 Designed: Heavy Duty Designed, New Model. 5.2 The machine shuld be of latest model and must have lattest technology Figh Quality: High Quality, Safety, Ease of Use  5.4 Supplier: The Supplier is Required to be a Certified Distributor or Agent of the Composition of Controller: System.  7 Temperature Range °C: Approx. 20- 260°C.  8 Chamber Capacity: 24-30L 9 Interior Chamber: Electro-acid coated aluminum 10 Zero Cross PID Temp. Control System. Stainless Steel For Interior Chamber And Steel Backed Coating Finish For Exterior Construction. Digital display for temperature and time	any.	
4.1 FDA Certificate Or CE Mark:  If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either:  The unit shall be safe to use both for -the operator and the patient. Class I, Protection against leakage current, protection against electric shocks: class I, Waterproofnessl.  5.1 Designed: Heavy Duty Designed, New Model.  5.2 The machine shuld be of latest model and must have lattest technology High Quality, Safety, Ease of Use  5.4 Supplier: The Supplier is Required to be a Certified Distributor or Agent of the Composition of Controller: System.  7 Temperature Range °C: Approx. 20- 260°C.  8 Chamber Capacity: 24-30L 9 Interior Chamber: Electro-acid coated aluminum  10 Zero Cross PID Temp.Control System.  11 Constructions: Stainless Steel For Interior Chamber And Steel Backed Coating Finish For Exterior Construction. Display: Digital display for temperature and time	any.	
4.2 Certificate Product Needs To Have Market Clearance For Either:  The unit shall be safe to use both for -the operator and the patient. Class I, Protection against leakage current, protection against electric shocks: class I, WaterproofnessI.  5.1 Designed: Heavy Duty Designed, New Model.  5.2 The machine shuld be of latest model and must have lattest technology  Figh Quality: High Quality, Safety, Ease of Use  5.4 Supplier: The Supplier is Required to be a Certified Distributor or Agent of the Company System.  7 Temperature Range °C: Approx. 20- 260°C.  8 Chamber Capacity: 24-30L  9 Interior Chamber: Electro-acid coated aluminum  10 Zero Cross PID Temp.Control System.  11 Constructions: Stainless Steel For Interior Chamber And Steel Backed Coating Finish For Exterior Construction.  12 Display: Digital display for temperature and time	any.	
5 Genaral Specification: Protection against leakage current, protection against electric shocks: class I, Waterproofnessl.  5.1 Designed: Heavy Duty Designed, New Model. The machine shuld be of latest model and must have lattest technology High Quality; Safety, Ease of Use  5.4 Supplier: The Supplier is Required to be a Certified Distributor or Agent of the Company System.  Controller: Supplier: Approx. 20- 260°C. Chamber Capacity: High Quality, Safety, Ease of Use  Fully automatic control (microprocessor or microcomputer), Hot Air Circulat System.  Approx. 20- 260°C. Chamber Capacity: High Quality, Safety, Ease of Use  Fully automatic control (microprocessor or microcomputer), Hot Air Circulat System.  Fully automatic control (microprocessor or microcomputer), Hot Air Circulat System.  Electro-acid coated aluminum  Cero Cross PID Temp.Control System.  Stainless Steel For Interior Chamber And Steel Backed Coating Finish For Exterior Construction.  Digital display for temperature and time	any.	
5.2 The machine shuld be of latest model and must have lattest technology 5.3 Quality: High Quality, Safety, Ease of Use  5.4 Supplier: The Supplier is Required to be a Certified Distributor or Agent of the Compact of the Compact of the Compact of the Controller:  6 Controller: Fully automatic control (microprocessor or microcomputer), Hot Air Circulat System.  7 Temperature Range °C: Approx. 20- 260°C.  8 Chamber Capacity: 24-30L  9 Interior Chamber: Electro-acid coated aluminum  10 Zero Cross PID Temp.Control System.  11 Constructions: Stainless Steel For Interior Chamber And Steel Backed Coating Finish For Exterior Construction.  Digital display for temperature and time	•	
5.3 Quality: High Quality, Safety, Ease of Use  5.4 Supplier: The Supplier is Required to be a Certified Distributor or Agent of the Company of the Controller: Fully automatic control (microprocessor or microcomputer), Hot Air Circulat System.  7 Temperature Range °C: Approx. 20- 260°C.  8 Chamber Capacity: 24-30L  9 Interior Chamber: Electro-acid coated aluminum  10 Zero Cross PID Temp.Control System.  11 Constructions: Stainless Steel For Interior Chamber And Steel Backed Coating Finish For Exterior Construction.  12 Display: Digital display for temperature and time	•	
5.4 Supplier:  The Supplier is Required to be a Certified Distributor or Agent of the Company  Fully automatic control (microprocessor or microcomputer), Hot Air Circulat System.  Temperature Range °C: Approx. 20- 260°C.  Representation of Chamber in Electro-acid coated aluminum  In Constructions: Stainless Steel For Interior Chamber And Steel Backed Coating Finish For Exterior Construction.  Display: Digital display for temperature and time	•	1
6 Controller:  Fully automatic control (microprocessor or microcomputer), Hot Air Circular System.  7 Temperature Range °C: Approx. 20- 260°C.  8 Chamber Capacity: 24-30L  9 Interior Chamber: Electro-acid coated aluminum  10 Zero Cross PID Temp.Control System.  11 Constructions: Stainless Steel For Interior Chamber And Steel Backed Coating Finish For Exterior Construction.  12 Display: Digital display for temperature and time	•	
6 Controller: System.  7 Temperature Range °C: Approx. 20- 260°C.  8 Chamber Capacity: 24-30L 9 Interior Chamber: Electro-acid coated aluminum 10 Zero Cross PID Temp.Control System.  11 Constructions: Stainless Steel For Interior Chamber And Steel Backed Coating Finish For Exterior Construction.  12 Display: Digital display for temperature and time	ion	
8     Chamber Capacity:     24-30L       9     Interior Chamber:     Electro-acid coated aluminum       10     Zero Cross PID Temp.Control System.       11     Constructions:     Stainless Steel For Interior Chamber And Steel Backed Coating Finish For Exterior Construction.       12     Display:     Digital display for temperature and time	1011	
9 Interior Chamber: Electro-acid coated aluminum 10 Zero Cross PID Temp.Control System. 11 Constructions: Stainless Steel For Interior Chamber And Steel Backed Coating Finish For Exterior Construction. 12 Display: Digital display for temperature and time		
10   Zero Cross PID Temp.Control System.   Stainless Steel For Interior Chamber And Steel Backed Coating Finish For Exterior Construction.   12   Display:   Digital display for temperature and time		
11 Constructions: Stainless Steel For Interior Chamber And Steel Backed Coating Finish For Exterior Construction.  Display: Display: Digital display for temperature and time		
11 Constructions: Exterior Construction.  12 Display: Digital display for temperature and time		
12 Display: Digital display for temperature and time	The	
13 Timer: 1 min. to 100 hours and hold position		
14 Safety thermsostat		
The unit shall be equipped with At 2 -3 shelves (stainless steel).		
16 Life Span for Machine: 10 Years		
17 Maintenance:		
2 Years Free Maintenace.		
17.2 Service Manual and Operation Manual {Hardcopy & Softcopy}		
Application Software and Interface Connection Included.		
18 Accessories: Supplied With:		
<b>18.1</b> 3x Fuses		
18.2   1x Spare heaters  18.3   All accessories, if any must be included to put the system in to fully operation	nal.	
19 Power Supply: AC 110-240V, 50/60Hz single-phase electrical source.		1
19.1 Compliant with IEC 60601.		1
19.2 Built-in protections against over-voltage and over-current line conditions.		1
20 Other Specification: Please Specify Other Specification		1
A-2 Item Description Portable Doppler Ultrasound System ,Diagnostic Machine	فوق صوتية (سونار) ع الملحقات	
No. Technical Specifications Min MOH Requirement	Bidders Offer	Notes
1 Manufacturer: Please Specify Manufacturer Name.		
2 Model Number: Please Specify Model Number of The Offered Equipment.		†
3 Country Of origin: Please Specify Country of Origin of The Offered Equipment.		1
4 Safety Standard:		1
4.1 FDA Certificate Or CE Mark Required certificates	1	









### Tables of Technical Specifications for Furnishing and Equipping Health facilities in Aden Governorates

No.	<b>Technical Specifications</b>	Min MOH Requirement	Bidders Offer	Notes
4.2	If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either:			
5	Genaral Specification:	The unit shall be safe to use both for -the operator and the patient. Class I, Protection against leakage current, protection against electric shocks: class I, Waterproofnessl.		
5.1	Designed:	Heavy duty designed, new Model.		
5.2		The machine shuld be of latest model and must have lattest technology		
5.3	Quality:	high quality, Safety, Ease of Use		
5.4	Supplier:	the supplier is required to be a certified distributor or agent of the company.		
6	Type:	Portable system With Trolley on four castors, two with brakes.		
7	System technology:	Digital beam former , upgradeable Hardware & Software.		
8	Applications:	Abdominal , OBS/GYN, Urology. Cardiology , Vascular , Small Parts.		
9	Scanning Techniques:	1) Electronic convex scanning.		
9	Scanning Techniques:	2) Electronic linear scanning.		
10	Monitor:	High resolution B & W monitor with tilt and swivel and a size of 12- 15 inches or Better.		
11	Key Board:	Full key board with built in trackball.		
12	Display Modes:	B, B/B , M , B/M , 2D Imaging , Color Doppler mode , Harmonic Imaging , Pulsed Wave Doppler ,		
12.1	Other Display Modes:	Please Specify,		
13	Gray Scale Max:	256 Levels Or Better.		
14	Dynamic Range:	100 dB Or Better.		
15	Frame Rate, Frame /Sec:	Please Specify		
16	Image Control:	Gain, STC, Image processing, Image shift, Zoom and post processing.		
17	Processing Channels:	256 Channels Or Better.		
18	M-Mode Sweep Speed:	4 Steps Or Better.		
19	Presets:	5 Or Better.		
20	Cine Memory:	Please Specify No. of Images.		
21	Image Storage:	On HDD & CD and USB, Please specify storage capacity.		
22 23	Measurement: Calculation:	Distance , Area , Volume and Fetal Parameters.  Calculation Packages for Abdominal , OB/GYN.		
23	Connector Probe:	Minimum Two.		
25	Probe Holder:	Included.		
26	Probes:	included.		
26.1	Tiobes.	Convex probe 2-5 - 5 MHz multi frequency (Priced probe)		
26.2		Vaginal probe 6.5 MHz multi frequency (Priced probe)		
27	Printer:	B & W Printer		
28	UPS:	Included Online Type (2 KVA)		
29	Accessories:	** *		
29.1		5 X Gel, 500 g		
29.2		6 x Roll Paper		
29.3		1 X Original Trolley		
29.4		1 X Dust Cover		
29.5		1 X Operation Manual		
29.6		1 X Service Manual		
30	Power supply:	100 to 240 V ~ ±10%, 50/60 Hz Single phase		
30.1	Rechargeable Battery:	Rechargeable battery with built in charger with indicators for charging and low battery		
31	Estimated life-Span of the Device:	At Least 10 Years		
32	Maintenance:			
32.1		2 Years Free Maintenance.		
33	Training:	User /Nurses training, by Specialist from the Supplier.		
34	Other Specification:	Please Specify.		









### Tables of Technical Specifications for Furnishing and Equipping Health facilities in Aden Governorates

No.	Technical Specifications	Min MOH Requirement	<b>Bidders Offer</b>	Notes
A-3	Item Description	Laboratory Microscope Binocular	۔ پیکرسکوب ضوئ <i>ي</i>	
No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
1	Manufacturer :	Please Specify Manufacturer Name.		
2	Model Number:	Please Specify Model Number of The Offered Equipment.		
3	Country Of Origin:	Please Specify Country of Origin of The Offered Equipment.		
4	Safety Standard:			
4.1	FDA Certificate Or CE Mark:	Required Certificates		
4.2	If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either:	Australia, Canada, Europe Union, Japan, USA and UK.		
5	Genaral Specification:	The Unit Shall be Safe to Use		
5.1	Designed:	Heavy duty Designed, New Model.		
5.2		The Machine should be of Latest Model and Must have Lattest Technology		
5.3	Quality:	High Quality, Safety, Ease of Use		
5.4	Supplier:	the Supplier is Required to be a Certified Distributor or Agent of The Company.		
6	Type:	Binocular		
7	Eyepieces:	Plese Specify		
8	Interpupillary distance adjustment, mm:	Adjustable		
9	Nosepiece Configuration:	Quadruple or better		
10	Objectives magnification:	4x,10x; 40x; 100x (oil)		
11	Objectives Type:	Achromatic OR Plan achromatic		
12	Filter:			
12.1	Color(s):	Please Specify		
13	Illumination:			
13.1	Condenser Type:	Built-in		
13.2	Numerical Aperture:	Please Specify		
13.3	Light Source:	Halogen or Led		
14	Stand:			
14.1	Focusing Mechanism:	Moving Stage		
14.2	Coarse, Fine Adjustments:	Coaxial Coarse and Fine Adjustment		
15	Stage:			
15.1	Туре:	Mechanical		
15.2	Tension adjustment:	Coaxial		
15.3	Motion:	X-Y		
16	Accessories:			
16.1	Adapter(s):	Required		
16.2	Dust cover:	Required		
16.3		50 X Microscope Slides 76x26mm.		
16.4		100 X Cover slides 22x22mm.		
17	Life Span for Machine:	5 Years		
18	Maintenance:			
18.1		2 Years Free Maintenace.		
18.2		Service Manual and Operation Manual {Hardcopy & Softcopy}		
18.3		Application Software and Interface Connection Included.		
19	Power Supply:	100 to 240 V ~ ±10%, 50 Hz		
20	Other Specification:	Please specify.		









### Tables of Technical Specifications for Furnishing and Equipping Health facilities in Aden Governorates

No.	Technical Specifications	Min MOH Requirement	<b>Bidders Offer</b>	Notes
A-4	Item Description	Centrifuge Toptable	مركزي لفصل العينات	
No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
1	Manufacturer :	Please Specify Manufacturer Name.	Didders Offer	Notes
2	Model Number:	Please Specify Model Number of The Offered Equipment.		
3	Country Of Origin:	Please Specify Country of Origin of The Offered Equipment.		
4	Safety Standard:	rease specify Country of Origin of the Officea Equipment.		
4.1	FDA Certificate Or CE Mark:	Required Certificates		
7.1	TDA Certificate of CE Wark.	Required Certificates		
	If The Machine Have CE			
4.2	Certificate Product Needs To Have	Australia, Canada, Europe Union, Japan, USA and UK.		
	Market Clearance For Either:			
5	Genaral Specification:	The Unit Shall be Safe to Use		
5.1	Designed:	Heavy Duty Designed, New Model.		
5.2	Designed:	The Machine should be of Latest Model and Must Have Lattest Technology		
	O 124			
5.3	Quality:	High Quality, Safety, Ease of Use		
5.4	Supplier:	The Supplier is required to be a Certified Distributor or Agent of The Company.		
6	Rotational Speed :			
6.1	Maximum revolutions per minute (RPM)	4000-5000 Or Better.		
6.2	RPM increments:	10 or More.		
	Maximum relative centrifugal force			
6.3	(RCF), g:	1100 or More.		
7	Rotors Available:			
7.1	Fixed Angle:	Included		
8	Capacity:			
8.1	Maximum number of tubes and	8-12 X (15 mL) Or Better		
9	volumes:			
9.1	Timer: Range, min:	1-999 min 59 sec		
9.1	Settings:	Timed, continuous, pulse (burst)		
9.3	Braking Type:	Electric		
9.4	Settings:	9 or less		
9.5	Brake time, sec	rotor dependent. Please Specify.		
9.6	Brush/Brushless	Brushless		
10		Diusiiess		
10.1	Safety Features: Lid Interlock:	Included		
10.1	Alert Indicators:	Included		
11.1	Centrifuge lid Open:	Included		
		Included		
11.3	Imbalance: End of run:	Included		
		Included		
11.4 11.5	Overspeed: Other	Please Specify.		
11.6	Display Type:	LCD		
11.7	Parameters Displayed:	RPM, Run Time		
11.8	Lock icon	Yes		
	Programmable :	Please Specify.		
11.9 11.10	U	Included		
11.10	Self-Diagnostics:	Included		
12	Recommended cleaners/disinfectants:	Ethanol, n-propanol, ethyl hexanol, anionic tensides, corrosion inhibitors		
13	Noise Level, Db:	≤62, Or Less (rotor dependent)		
-	Life Span for Machine:	202, Or Less (rotor dependent)  10 Years		
14 15	Maintenance:	TO TORIS		
	iviamumance;	2 Voors Froe Maintanace		
15.1	<u> </u>	2 Years Free Maintenace.		









### Tables of Technical Specifications for Furnishing and Equipping Health facilities in Aden Governorates

No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
15.2		Service Manual and Operation Manual {Hardcopy & Softcopy}		
15.3		Application Software and Interface Connection Included.		
16	Power Supply:	100 to 240 V ~ ±10%, 50 Hz		
17	Other Specification:	Please specify.		
A-5	Item Description	Shaker Machine for Tubes	زاز لانابيب العينات	جهاز هز
No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
1	Manufacturer:	Please Specify Manufacturer Name.	Didders Offer	Hotes
2	Model Number:	Please Specify Model Number of The Offered Equipment.		
3	Country Of origin:	Please Specify Country of Origin of The Offered Equipment.		
4	Safety Standard:	and the same of th		
4.1	FDA Certificate Or CE Mark:	Required Certificates		
4.2	If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either:	Australia, Canada, Europe Union, Japan,USA and UK		
5	Designed:	Heavy duty Designed, New Model.		
5.1	Quality:	High Quality.		
5.2	Supplier:	the Supplier is required to be a Certified Distributor or Agent of the Company.		
5	General Description:	Clinical Lab Rotator with continuous duty motor provides smooth, quiet rotation		
6	Speed:	Variable speed control up to 200 rpm for serological flocculation and agglutination test		
7	Control:	Selected speed will be accurate at least + rpm		
8	Try.	Actual platform speed will be clearly indicated		
9	Timer:	Integral timer is set at periods between 0 – 30 min/ 60 or operate continuously		
10	Alarm:	Signals end of timed rotation  Platform surface will be a non-slip material, the rim will be raised to retain		
11	Construction:	slides		
12	Line Power , VAC:	100 to 240 V $\sim$ ±10%, 50/60 Hz Single phase (power cable Compatible with the Hospital electric outlet plug, 5 mt), Electrical Safety class 1		
13	Life Span for Item:	At Least 7 Years		
14	Warranty	Minimum of 1Year.		
1 15	0.41	D1		
15	Other specification	Please Specify Other Specifications.		41 -
A-6	Item Description	Digital Glucometer	قياس سكر الدم	
A-6 No.	Item Description Technical Specifications	Digital Glucometer Min MOH Requirement	قياس سكر الدم Bidders Offer	جهاز Notes
A-6 No. 1	Item Description Technical Specifications Manufacturer:	Digital Glucometer  Min MOH Requirement  Please Specify Manufacturer Name.		
A-6 No. 1 2	Item Description Technical Specifications Manufacturer: Model Number:	Digital Glucometer  Min MOH Requirement  Please Specify Manufacturer Name.  Please Specify Model Number of The Offered Equipment.		
A-6 No. 1 2 3	Item Description Technical Specifications Manufacturer: Model Number: Country Of Origin:	Digital Glucometer  Min MOH Requirement  Please Specify Manufacturer Name.		
A-6 No. 1 2 3 4	Item Description Technical Specifications  Manufacturer: Model Number: Country Of Origin: Safety Standard:	Digital Glucometer  Min MOH Requirement  Please Specify Manufacturer Name.  Please Specify Model Number of The Offered Equipment.		
A-6 No. 1 2 3 4 4.1	Item Description Technical Specifications  Manufacturer: Model Number: Country Of Origin: Safety Standard: FDA Certificate Or CE Mark: If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either:	Digital Glucometer  Min MOH Requirement  Please Specify Manufacturer Name.  Please Specify Model Number of The Offered Equipment.  Please Specify Country of Origin of The Offered Equipment.  Required Certificates  Australia, Canada, Europe Union, Japan, USA and UK		
A-6 No. 1 2 3 4 4.1 4.2	Item Description Technical Specifications  Manufacturer: Model Number: Country Of Origin: Safety Standard: FDA Certificate Or CE Mark: If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either: Designed:	Digital Glucometer  Min MOH Requirement  Please Specify Manufacturer Name.  Please Specify Model Number of The Offered Equipment.  Please Specify Country of Origin of The Offered Equipment.  Required Certificates  Australia, Canada, Europe Union, Japan, USA and UK  Heavy Duty Designed, New Model.		
A-6 No.  1 2 3 4 4.1  4.2  5 5.1	Item Description Technical Specifications  Manufacturer: Model Number: Country Of Origin: Safety Standard: FDA Certificate Or CE Mark: If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either: Designed: Quality:	Digital Glucometer  Min MOH Requirement  Please Specify Manufacturer Name.  Please Specify Model Number of The Offered Equipment.  Please Specify Country of Origin of The Offered Equipment.  Required Certificates  Australia, Canada, Europe Union, Japan, USA and UK  Heavy Duty Designed, New Model.  High Quality.		
A-6 No.  1 2 3 4 4.1  4.2  5 5.1 5.2	Item Description Technical Specifications  Manufacturer: Model Number: Country Of Origin: Safety Standard: FDA Certificate Or CE Mark: If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either: Designed:	Digital Glucometer  Min MOH Requirement  Please Specify Manufacturer Name.  Please Specify Model Number of The Offered Equipment.  Please Specify Country of Origin of The Offered Equipment.  Required Certificates  Australia, Canada, Europe Union, Japan, USA and UK  Heavy Duty Designed, New Model.  High Quality.  The Supplier is Required to be a Certified Distributor or Agent of The Company.		
A-6 No.  1 2 3 4 4.1  4.2  5 5.1 5.2 6	Item Description Technical Specifications  Manufacturer: Model Number: Country Of Origin: Safety Standard: FDA Certificate Or CE Mark: If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either: Designed: Quality: Supplier:	Digital Glucometer  Min MOH Requirement  Please Specify Manufacturer Name.  Please Specify Model Number of The Offered Equipment.  Please Specify Country of Origin of The Offered Equipment.  Required Certificates  Australia, Canada, Europe Union, Japan, USA and UK  Heavy Duty Designed, New Model.  High Quality.		
A-6 No.  1 2 3 4 4.1  4.2  5 5.1 5.2  6 7	Item Description Technical Specifications  Manufacturer: Model Number: Country Of Origin: Safety Standard: FDA Certificate Or CE Mark: If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either: Designed: Quality:	Digital Glucometer  Min MOH Requirement  Please Specify Manufacturer Name.  Please Specify Model Number of The Offered Equipment.  Please Specify Country of Origin of The Offered Equipment.  Required Certificates  Australia, Canada, Europe Union, Japan, USA and UK  Heavy Duty Designed, New Model.  High Quality.  The Supplier is Required to be a Certified Distributor or Agent of The Company.  Digital Glucometer.		
A-6 No.  1 2 3 4 4.1  4.2  5 5.1  5.2  6 7 7.1	Item Description Technical Specifications  Manufacturer: Model Number: Country Of Origin: Safety Standard: FDA Certificate Or CE Mark: If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either: Designed: Quality: Supplier:	Digital Glucometer  Min MOH Requirement  Please Specify Manufacturer Name.  Please Specify Model Number of The Offered Equipment.  Please Specify Country of Origin of The Offered Equipment.  Required Certificates  Australia, Canada, Europe Union, Japan, USA and UK  Heavy Duty Designed, New Model.  High Quality.  The Supplier is Required to be a Certified Distributor or Agent of The Company.		
A-6 No.  1 2 3 4 4.1  4.2  5 5.1 5.2  6 7	Item Description Technical Specifications  Manufacturer: Model Number: Country Of Origin: Safety Standard: FDA Certificate Or CE Mark: If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either: Designed: Quality: Supplier:	Digital Glucometer  Min MOH Requirement  Please Specify Manufacturer Name.  Please Specify Model Number of The Offered Equipment.  Please Specify Country of Origin of The Offered Equipment.  Required Certificates  Australia, Canada, Europe Union, Japan, USA and UK  Heavy Duty Designed, New Model.  High Quality.  The Supplier is Required to be a Certified Distributor or Agent of The Company.  Digital Glucometer.  Sample Volume One Drop		
A-6 No.  1 2 3 4 4.1  4.2  5 5.1  5.2  6 7 7.1 7.2	Item Description Technical Specifications  Manufacturer: Model Number: Country Of Origin: Safety Standard: FDA Certificate Or CE Mark: If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either: Designed: Quality: Supplier:	Digital Glucometer  Min MOH Requirement  Please Specify Manufacturer Name.  Please Specify Model Number of The Offered Equipment.  Please Specify Country of Origin of The Offered Equipment.  Required Certificates  Australia, Canada, Europe Union, Japan, USA and UK  Heavy Duty Designed, New Model.  High Quality.  The Supplier is Required to be a Certified Distributor or Agent of The Company.  Digital Glucometer.  Sample Volume One Drop  Test Time Less than 10 seconds		
A-6 No.  1 2 3 4 4.1  4.2  5 5.1  5.2  6 7 7.1 7.2 7.3	Item Description Technical Specifications  Manufacturer: Model Number: Country Of Origin: Safety Standard: FDA Certificate Or CE Mark: If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either: Designed: Quality: Supplier:	Digital Glucometer  Min MOH Requirement  Please Specify Manufacturer Name.  Please Specify Model Number of The Offered Equipment.  Please Specify Country of Origin of The Offered Equipment.  Required Certificates  Australia, Canada, Europe Union, Japan, USA and UK  Heavy Duty Designed, New Model.  High Quality.  The Supplier is Required to be a Certified Distributor or Agent of The Company.  Digital Glucometer.  Sample Volume One Drop  Test Time Less than 10 seconds  With Memory  Set complete with prick pen  Lancets		
A-6 No.  1 2 3 4 4.1  4.2  5 5.1  5.2  6 7 7.1 7.2 7.3 7.4 7.5 7.6	Item Description Technical Specifications  Manufacturer: Model Number: Country Of Origin: Safety Standard: FDA Certificate Or CE Mark: If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either: Designed: Quality: Supplier: Technical Specifications:  Measurement Unit:	Digital Glucometer  Min MOH Requirement  Please Specify Manufacturer Name.  Please Specify Model Number of The Offered Equipment.  Please Specify Country of Origin of The Offered Equipment.  Required Certificates  Australia, Canada, Europe Union, Japan, USA and UK  Heavy Duty Designed, New Model.  High Quality.  The Supplier is Required to be a Certified Distributor or Agent of The Company.  Digital Glucometer.  Sample Volume One Drop  Test Time Less than 10 seconds  With Memory  Set complete with prick pen  Lancets  mmol/L Or mg/dL		
A-6 No.  1 2 3 4 4.1  4.2  5 5.1  5.2  6 7 7.1 7.2 7.3 7.4 7.5 7.6 7.7	Item Description Technical Specifications  Manufacturer: Model Number: Country Of Origin: Safety Standard: FDA Certificate Or CE Mark: If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either: Designed: Quality: Supplier: Technical Specifications:  Measurement Unit: Sample Volume:	Digital Glucometer  Min MOH Requirement  Please Specify Manufacturer Name.  Please Specify Model Number of The Offered Equipment.  Please Specify Country of Origin of The Offered Equipment.  Required Certificates  Australia, Canada, Europe Union, Japan, USA and UK  Heavy Duty Designed, New Model.  High Quality.  The Supplier is Required to be a Certified Distributor or Agent of The Company.  Digital Glucometer.  Sample Volume One Drop  Test Time Less than 10 seconds  With Memory  Set complete with prick pen  Lancets  mmol/L Or mg/dL  0.5 microliters		
A-6 No.  1 2 3 4 4.1  4.2  5 5.1  5.2  6 7 7.1 7.2 7.3 7.4 7.5 7.6 7.7 7.8	Item Description Technical Specifications  Manufacturer: Model Number: Country Of Origin: Safety Standard: FDA Certificate Or CE Mark: If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either: Designed: Quality: Supplier: Technical Specifications:  Measurement Unit:	Digital Glucometer  Min MOH Requirement  Please Specify Manufacturer Name.  Please Specify Model Number of The Offered Equipment.  Please Specify Country of Origin of The Offered Equipment.  Required Certificates  Australia, Canada, Europe Union, Japan, USA and UK  Heavy Duty Designed, New Model.  High Quality.  The Supplier is Required to be a Certified Distributor or Agent of The Company.  Digital Glucometer.  Sample Volume One Drop  Test Time Less than 10 seconds  With Memory  Set complete with prick pen  Lancets  mmol/L Or mg/dL  0.5 microliters  LCD Display		
A-6 No.  1 2 3 4 4.1  4.2  5 5.1  5.2  6 7 7.1 7.2 7.3 7.4 7.5 7.6 7.7 7.8 7.9	Item Description Technical Specifications  Manufacturer: Model Number: Country Of Origin: Safety Standard: FDA Certificate Or CE Mark; If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either: Designed: Quality: Supplier: Technical Specifications:  Measurement Unit: Sample Volume: Display:	Digital Glucometer  Min MOH Requirement  Please Specify Manufacturer Name.  Please Specify Model Number of The Offered Equipment.  Please Specify Country of Origin of The Offered Equipment.  Required Certificates  Australia, Canada, Europe Union, Japan, USA and UK  Heavy Duty Designed, New Model.  High Quality.  The Supplier is Required to be a Certified Distributor or Agent of The Company.  Digital Glucometer.  Sample Volume One Drop  Test Time Less than 10 seconds  With Memory  Set complete with prick pen  Lancets  mmol/L Or mg/dL  0.5 microliters		
A-6 No.  1 2 3 4 4.1  4.2  5 5.1  5.2  6 7 7.1 7.2 7.3 7.4 7.5 7.6 7.7 7.8 7.9 8	Item Description Technical Specifications  Manufacturer: Model Number: Country Of Origin: Safety Standard: FDA Certificate Or CE Mark: If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either: Designed: Quality: Supplier: Technical Specifications:  Measurement Unit: Sample Volume:	Digital Glucometer  Min MOH Requirement  Please Specify Manufacturer Name.  Please Specify Model Number of The Offered Equipment.  Please Specify Country of Origin of The Offered Equipment.  Required Certificates  Australia, Canada, Europe Union, Japan, USA and UK  Heavy Duty Designed, New Model.  High Quality.  The Supplier is Required to be a Certified Distributor or Agent of The Company.  Digital Glucometer.  Sample Volume One Drop  Test Time Less than 10 seconds  With Memory  Set complete with prick pen  Lancets  mmol/L Or mg/dL  0.5 microliters  LCD Display  Battery Operated		
A-6 No.  1 2 3 4 4.1  4.2  5 5.1  5.2  6 7 7.1  7.2 7.3 7.4 7.5 7.6 7.7 7.8 7.9 8 8.1	Item Description Technical Specifications  Manufacturer: Model Number: Country Of Origin: Safety Standard: FDA Certificate Or CE Mark; If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either: Designed: Quality: Supplier: Technical Specifications:  Measurement Unit: Sample Volume: Display:	Please Specify Manufacturer Name. Please Specify Model Number of The Offered Equipment. Please Specify Country of Origin of The Offered Equipment. Please Specify Country of Origin of The Offered Equipment. Required Certificates  Australia, Canada, Europe Union, Japan, USA and UK  Heavy Duty Designed, New Model. High Quality. The Supplier is Required to be a Certified Distributor or Agent of The Company. Digital Glucometer.  Sample Volume One Drop Test Time Less than 10 seconds With Memory Set complete with prick pen Lancets mmol/L Or mg/dL 0.5 microliters LCD Display Battery Operated  500 X Glucose Strips		
A-6 No.  1 2 3 4 4.1  4.2  5 5.1  5.2  6 7 7.1  7.2 7.3 7.4 7.5 7.6 7.7 7.8 7.9 8 8.1 8.2	Item Description Technical Specifications  Manufacturer: Model Number: Country Of Origin: Safety Standard: FDA Certificate Or CE Mark; If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either: Designed: Quality: Supplier: Technical Specifications:  Measurement Unit: Sample Volume: Display:	Please Specify Manufacturer Name. Please Specify Model Number of The Offered Equipment. Please Specify Country of Origin of The Offered Equipment. Please Specify Country of Origin of The Offered Equipment.  Required Certificates  Australia, Canada, Europe Union, Japan, USA and UK  Heavy Duty Designed, New Model. High Quality. The Supplier is Required to be a Certified Distributor or Agent of The Company. Digital Glucometer.  Sample Volume One Drop Test Time Less than 10 seconds With Memory Set complete with prick pen Lancets mmol/L Or mg/dL 0.5 microliters LCD Display Battery Operated  500 X Glucose Strips 1 X Carry Bag.		
A-6 No.  1 2 3 4 4.1  4.2  5 5.1  5.2  6 7 7.1  7.2 7.3 7.4 7.5 7.6 7.7 7.8 7.9 8 8.1	Item Description Technical Specifications  Manufacturer: Model Number: Country Of Origin: Safety Standard: FDA Certificate Or CE Mark; If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either: Designed: Quality: Supplier: Technical Specifications:  Measurement Unit: Sample Volume: Display:	Please Specify Manufacturer Name. Please Specify Model Number of The Offered Equipment. Please Specify Country of Origin of The Offered Equipment. Please Specify Country of Origin of The Offered Equipment. Required Certificates  Australia, Canada, Europe Union, Japan, USA and UK  Heavy Duty Designed, New Model. High Quality. The Supplier is Required to be a Certified Distributor or Agent of The Company. Digital Glucometer.  Sample Volume One Drop Test Time Less than 10 seconds With Memory Set complete with prick pen Lancets mmol/L Or mg/dL 0.5 microliters LCD Display Battery Operated  500 X Glucose Strips		









#### Tables of Technical Specifications for Furnishing and Equipping Health facilities in Aden Governorates

No.	Technical Specifications	Min MOH Requirement	<b>Bidders Offer</b>	Notes
10	Warranty:	Minimum of 2 Years.		
11	Other Specification:	Please Specify Other Specifications.		
A-7	Item Description	Semi Automated Biochemistry Analyzer	ياء نصف أوتوماتيك	جهاز کیم
No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
1	Manufacturer :	Please Specify Manufacturer Name.		
2	Model Number:	Please Specify Model Number of The Offered Equipment.		
3	Country Of Origin:	Please Specify Country of Origin of The Offered Equipment.		
4	Safety Standard:			
4.1	FDA Certificate Or CE Mark:	Required Certificates		
4.2	If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either:	Australia, Canada, Europe Union , Japan, USA and UK		
5	Genaral Specification:	The unit shall be safe to use both for -the operator and the patient. Class I, Protection against leakage current, protection against electric shocks: class I, Waterproofnessl.		
5.1	Designed:	Heavy Duty Designed, New Model.		
5.2		The Machine shuld be of Latest Model and must Have Lattest Technology		
5.3	Quality:	High Quality, Safety, Ease of Use		
5.4	Supplier:	The Supplier is Required to be a Certified Distributor or Agent of The Company.		
6	Technical Specification :	Should be microprocessor controlled general purpose bi-chromatic photometer		
6.1	Filters:	At least 7 Filters.		
6.2	Ranging nm:	340 to 700 nm Or Better.		
6.3	Light source :	Tungsten/ halogen or higher grade (led lamp)		
6.4	Methods:	End point, kinetic and two point kinetic measurement modes or more		
7 8	Printer: Measurement Range:	Build-in from 0.001 to 2.300Abs or better		
9	Display:	LCD display. Touch Screen		
10	Control:	Quality control – two control/test QC survey of at least 30 points, Levy Jenny plot.		
11	Bandwidth nm:	5 nm or lesser.		
12	Programme Memory:	Should have a test programme memory of 50 or more.		
13		Should be provided with sample carry over prevention facility.		
14		Aspiration should be based on Bellow/Peristaltic Pump/ Vacuum pump.		
15	Reagents :	Should provide: 500 ml of reagents for urea, S. creatine, S. bilirubin, sugar, cholesterol, and Quality control 5ml one each for normal, abnormal.		
16	Life Span for Machine:	10 Years		
17	Maintenance:			
17.1		2 Years Free Maintenace.		
17.2		Service Manual and Operation Manual {Hardcopy & Softcopy}		
17.3		Application Software and Interface Connection Included.		
17.4		Spare Parts list with code NO		
18	Accessories:			
18.1	bulb:	One Spare bulb		
18.2	Fues:	3 Fueses Users /Nurses and Biomedical Engineers Training, by Specialist from the		
19	Training:	Supplier.  100 to 240 V ~ ±10%, 50/60 Hz Single Phase automatic range selection ( power		
20	Power Supplay:	cable Compatible with the Hospital electric outlet plug, 5 mt), Electrical Safety class 1		
21	Other Specification:	Please Specify Other Specifications.		
A-8	Item Description	Dental Unit, Completed With Accessories	سنان مع الملحقات	وحدة أه
No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
1	Manufacturer:	Please Specify Manufacturer Name.		
2	Model Number:	Please Specify Model Number of The Offered Equipment.		
3	Country Of Origin:	Please Specify Country of Origin of The Offered Equipment.		
4	Safety Standard:			
4.1	FDA Certificate Or CE Mark:	Required Certificates		









#### Tables of Technical Specifications for Furnishing and Equipping Health facilities in Aden Governorates

No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
	If The Machine Have CE			
4.2	Certificate Product Needs To Have	Australia, Canada, Europe Union , Japan, USA and UK		
2	Market Clearance For Either:	I labatan, Canada, Zarope Ciron, Vapan, Corrana Cir		
		The write shall be refer to your best for the reservoir and the retiret Class I		
5	Genaral Specification:	The unit shall be safe to use both for -the operator and the patient. Class I, Protection against leakage current, protection against electric shocks: class I,		
	General Specification.	Waterproofnessl.		
5.1	Designed:	Heavy Duty Designed, New Model.		
5.2		The Machine shuld be of Latest Model and must Have Lattest Technology		
5.3	Quality:	High Quality, Safety, Ease of Use		
5.4	Supplier:	The Supplier is Required to be a Certified Distributor or Agent of The Company.		
6		A patient chair with a welded steel chassis and allowing a height adjustment from 35-90 cms		
7		Seat leg rest and back rest synchronized in movement for patient comfort		
8		Foot control for programmed movement, automatic re-setting switch and safety switch		
9		Seamless upholstery for good aseptic control(dental chair haydraulic mouvments)		
10	Dental Unit Specification:	inouviicits)		
-		Attached to the chair with over head delivery system to accommodate up the		
10.1		following 4 modules:		
10.2		One turbine connections with hand-piece		
10.3		One air-motor connection with air-motor and hand pieces (straight & contra).		
10.4 10.5		One fiber optic air rotor connection with quick disconnect coupling.  One 6 way-syringe with removable tip for sterilization.		
		1		
10.6		All the controls of the chair should be touch pad on doctor's & assistant's sides.		
10.7		Autoclavable pad shoud be provided on the unit where the hand pieces are placed		
10.8		Water reservoirs & disinfectant with automatic pressurization		
10.9		Non retraction valve to avoid contaminated materials.		
10.1		Should have warm water syringe.		
10.11 10.12		X-Ray Viewer Originally Mounted.  Fiberoptic Scaling Unit (Electric e coolant, min. 3 pcs. S.H.)		
10.12		Light curing system (min. p.p. 2mm, e protecting glass)		
11	Spittoon/Water Unit Specification:	Lagar turning system (mini p.p. 2.1111, e protecting glass)		
11.1		Removable porcelain bowel, cup filler and spittoon nozzles for cleaning.		
11.2		Spittoon automatic water supply.		
11.3		Hi/Lo Suction with filters.		
12	Light Specification:			
12.1		With luminosity of 20000-25000 lux.		
12.2 12.3		About 260 degree of rotation of light arm movement.  Easy to adjust with only one handle on each side		
12.3		Easy to degust with only one nandle on each side  Easy to clean		
12.5		Light should allow vertical, horizontal & axial movement for proper focusing.		
13	Oil Free Air Compressor Medical Grade:			
13.1		Air moisture filter.		
13.2		No Reaction Valve.		
13.3		Air pressure gage.		
13.4		Air tank 30-40 L.		
13.5		Auto cut-off switch.		
13.6		Oil free medical grade air.		
13.7 13.8		230V, 50Hz Oilless		
13.9		Silent		
14	Dental Stool:	2 X Dental Stool		
14.1		Height adjustable with 5 double sided castors , Adjustable seat height:		
14.1		Maximum not less than 63 cm, Minimum not more than 50cm  Back Rest		
15	Accessories:	Data rest		
15.1	ACCESSOTIOS.	1 Set X Contra-angel handpiece		
15.2		1 Set X Turbine handpiece, 300.000rpm or best		
15.3		1 Set X Electrical Micro-Motor handpiece. 40.000 rpm max or best		
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#### Tables of Technical Specifications for Furnishing and Equipping Health facilities in Aden Governorates

No.	Technical Specifications	Min MOH Requirement	<b>Bidders Offer</b>	Notes
15.4		1 X Foot control: Single foot control For all instruments, with variable speed		
		control.		
15.5		1 X Internal Fiberoptic Scaling Unit 1 X Internal Light curing system		
15.6 16	Life Span for Machine:	10 Years		
17	Maintenance:	10 Teals		
17.1	Traintenance:	2 Years Free Maintenace.		
17.2		Service Manual and Operation Manual {Hardcopy & Softcopy}		
17.3		Application Software and Interface Connection Included.		
17.4		Spare Parts list with code NO		
18	Training:	Users /Nurses and Biomedical Engineers Training, by Specialist from the Supplier.		
19	Power Supplay:	$100$ to 240 V $\sim\pm10\%,50/60$ Hz Single Phase automatic range selection ( power cable Compatible with the Hospital electric outlet plug, 5 mt ), Electrical Safety class 1		
20	Other Specification:	Please Specify Other Specifications.		
A-9	Item Description	Diagnostic Set (ENT) Otoscope & Ophthalmoscope.	لأذن والأنف والحنجرة	طقم فحص ا
No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
1	Manufacturer :	Please Specify Manufacturer Name.		
2	Model Number:	Please Specify Model Number of The Offered Equipment.		
3	Country Of Origin:	Please Specify Country of Origin of The Offered Equipment.		
4	Safety Standard:			
4.1	FDA Certificate Or CE Mark:	Required Certificates		
4.2	If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either:	Australia, Canada, Europe Union, Japan, USA and UK		
5	Designed:	Heavy Duty Designed, New Model.		
5.1	Quality:	High Quality.		
5.2	Supplier:	The Supplier is Required to be a Certified Distributor or Agent of The Company.		
6	Type:	Portable ENT Diagnostic Set.		
7	Main Unit:	Head Mirror with Adjustable Band and 19 mm Diameter.		
8 8.1	Accessories:	Onbthalmagaana		
8.2		Ophthalmoscope. Otoscope carrier.		
8.3		Ear Spacule (3,4,5 & 6 mm diameter.).		
8.4		Nasal speculum (8 mm. diameter).		
8.5		Dilating nasal speculum.		
8.6		Laryngeal mirror stem.		
8.7		Laryngeal mirror. Tongue depressor.		
8.8		Battery and 2 spare lamps.		
8.9	T'E C E T	Portable Case.		
9 10	Life Span for Item: Warranty:	7 Years Minimum of 1 Year.		
11	Other Specification:	Please Specify Other Specifications.		
A-10	Item Description	Automatic Heamatology cbc Complete Blood Cell	نلايا الدم (فحص الدم	جهاز عد ذ
No.	Technical Specifications	Counter  Min MOH Requirement	العام) Bidders Offer	Notes
1	Manufacturer :	Please Specify Manufacturer Name.	Didders Offer	Hotes
2	Model Number:	Please Specify Model Number of The Offered Equipment.		
3	Country Of origin:	Please Specify Country of Origin of The Offered Equipment.		
4	Safety Standard:	and a first of the second of t		
4.1	FDA Certificate Or CE Mark	Required Certificates		
4.2	If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either:	Australia, Canada, Europe Union, Japan, USA and UK		
5	Genaral Specification:	The unit shall be safe to use both for -the operator and the patient. Class I, Protection against leakage current, protection against electric shocks: class I, Waterproofnessl.		
5.1	Designed:	Heavy Duty Designed, New Model.		









### Tables of Technical Specifications for Furnishing and Equipping Health facilities in Aden Governorates

No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
5.2		The Machine should be of Latest Model and Must have Lattest Technology		
5.3	Quality:	High Quality, Safety, Ease of Use		
5.4	Supplier:	the Supplier is required to be a Certified Distributor or Agent of the Company.		
6	Principle:	(Electrical Impedance Method- WBC / RBC / PLT, Colorimetric- HGB )		
7	Configuration:	Benchtop.		_
8	Type:	3 Part Differential, New model, Able for High load & Hard work.		
9	Parameters:	At Least (18 parameters includes + 3 Histogram)		
9.1	Test Menu:	WBC, LYM#, MID#, GRA#, LYM MID%, GRA%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV, PL MPV, PDW, PCT, P-LCR.		
9.2	Histogram:	WBC Histogram, RBC Histogram, PLT HistogramT)		
10	Chamber:	Must be double chamber		
11	Throughput Speed:	At Least 60 samples per hour.		
11,1	Analysis Time:	Less Than 60 Sec.		
	Sample Volume:	Should be less than 50 µl for all parameters including Pediatric Samples (20 µl		
12	F	for capillary blood)		
13	Display, Type:	Color LCD touchscreen		
13.1	Size For Screen:	5"-9" Or More.		
14	Start up and shut Down:	Single button Start up and shut Down.		
14.1		Automatic cleaning of Samples probe (internal & External)		
15	Operating Platform:	Please Specify The Operation System		
16	System Control:	Should have built in microprocessor controller with auto calibration, self diagnostic check Error codes Display with auto alarm.		
17	Quality Control	Must have extensive in built QC Programme.		
17.1	Quality Control:	The firm must have their own quality controls and calibrators		
	Results:	• •		
18	Results.	(Internal memory can store at liest 10000- 40,000 Test values with Histograms)		
19	Interface:	Please Specify The Ports		
	Calibration:	(Both Automatic and Manual Calibration mode. 3 sets of Calibration co-		
20		efficient for Whole Blood, Anti-coagulant Peripheral Blood and Pre-diluted		
	<u> </u>	Peripheral Blood.)		
21	Accuracy:	Should have high Accuracy ,should be WBC- 3% or lower, RBC - 1% or lower, Hb-1% or lower, PLC 5 % or lower, HCT- 2% or lower.		
22	Linearity:	Please Specify		
23	Printer:	Must have in Built thermal printer		
24	Reagent Type:	Please Specify the Reagents.		
	Machine with close Or open			
24.1	system:	Please Specify close Or open system.		
24.2	Cost of Soluations:	should be offered with the cost of soluations & consumbles per Test for Five		
		Years.		
24.3	Cost of Soluations Per Test:	should be put cost of soluations, consumbles per Test		
24.4	Number of pateint's:	Please Specify Number of pateint's that we can test them by one kit's test		
25	Life Span for Machine:	10 Years		
26	Maintenance:	2 V E M-i-t		
26.1		2 Years Free Maintenace.		
26.2		Service Manual and Operation Manual {Hardcopy & Softcopy}  Application Software and Interface Connection Included.		
26.3 27	Accessories:	Approacion Sortware and interface Connection included.		
	Accessories.	At the time of Installation of equipment to consignee, company should supply		
27.1		reagents for 2000 Test ( Diluent, Lyse, cleaner)		
27.2		Online UPS 1KVA		
27.3		Dust Cover		
27.4		Set of Fuses.		
27.5		Tube Component for Waste		
27.6		Tube Component for Diluent		
27.7		Tube Component for Lyse		
27.8		20 L Bottle for Waste		
27.9		Set of Thermal Paper.		
28	Training:	Service Training for Bio Medical -Engineer and Users/Doctors		
29	Power Supply:	100-240 V, 50/60 Hz		
30	Other specification:	Please Specify Other Specifications.		
A-11	Item Description	Automated Micropipette ,Variable Type (Different Sizes)	لعينات مختلف الأحجام	طقم سحب ا
No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
1	Manufacturer:	Please Specify Manufacturer Name.		
	1	1 x · · · · · · · · · · · · · · · · · ·	Ī	









### Tables of Technical Specifications for Furnishing and Equipping Health facilities in Aden Governorates

No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
2	Model Number:	Please Specify Model Number of The Offered Equipment.	Diddel 5 Offer	110105
3	Country Of origin:	Please Specify Country of Origin of The Offered Equipment.		<del>                                     </del>
4	Safety Standard:	rease speerly country of origin of the officea Equipment.		
4.1	FDA Certificate Or CE Mark	Required Certificates		
4.2	If The Machine Have CE	Assets in Country Island Island IIV		l
4.2	Certificate Product Needs To Have	Australia, Canada, Europe Union, Japan, USA and UK		l
	Market Clearance For Either:			
5	Designed:	Heavy Duty Designed, New Model.		
5.1	Quality:	High Quality.		
5.2	Supplier:	The Supplier is Required to be a Certified Distributor or Agent of The Company.		
6	A General Description:			
6.1	•	Automated Micropipette, Variable type (Different Sizes)		
6.2		Large		
6.3		Clear Digital Display		
6.4		Compatible with Wide Range of Tips		
6.5		High Degree of Accuracy and Precision		
6.6	lan.	Easy Maintenance and Calibration.		<u> </u>
7	Type:	Single Variable		
8.1	Each Set Contents Of:	1 X 100 – 1000 μl		
8.2		1 X 100 – 1000 μ1 1 X 20 – 200 μ1		<del>                                     </del>
8.3		1 X 20 - 200 μ1 1 X 10 - 100 μ1		
8.4		1 X 5 - 50 µl		
9	Accessories:			
9.1		Complete With 500 Tips for Each Type.		
10	Life Span for Item:	7 Years		
11	Warranty:	Minimum of 1 Year.		
12	Other Specification:	Please Specify Other Specifications.		
A-12	Item Description	Power Storge Unite (PSU) Battery Bank (3KW to	الفولتية خاص بجهاز	
11 12		5KW) For X-Ray	لة نظام بطاريات	
No.	Technical Specifications	Min MOH Requirement	ة نظام بطاريات Bidders Offer	الأشع Notes
No.	Technical Specifications  Manufacturer:	Min MOH Requirement Please Specify Manufacturer Name.		
No. 1 2	Technical Specifications  Manufacturer:  Model Number:	Min MOH Requirement  Please Specify Manufacturer Name.  Please Specify Model Number of The Offered Equipment.		
No. 1 2 3	Technical Specifications  Manufacturer:  Model Number:  Country Of origin:	Min MOH Requirement Please Specify Manufacturer Name.		
No.  1 2 3 4	Technical Specifications  Manufacturer:  Model Number:  Country Of origin: Safety Standard:	Min MOH Requirement  Please Specify Manufacturer Name.  Please Specify Model Number of The Offered Equipment.  Please Specify Country of Origin of The Offered Equipment.		
No. 1 2 3	Technical Specifications  Manufacturer:  Model Number:  Country Of origin:	Min MOH Requirement  Please Specify Manufacturer Name.  Please Specify Model Number of The Offered Equipment.		
No.  1 2 3 4 4.1	Technical Specifications  Manufacturer: Model Number: Country Of origin: Safety Standard: FDA Certificate Or CE Mark  If The Machine Have CE	Min MOH Requirement  Please Specify Manufacturer Name.  Please Specify Model Number of The Offered Equipment.  Please Specify Country of Origin of The Offered Equipment.  Required Certificates		
No.  1 2 3 4	Technical Specifications  Manufacturer: Model Number: Country Of origin: Safety Standard: FDA Certificate Or CE Mark  If The Machine Have CE Certificate Product Needs To Have	Min MOH Requirement  Please Specify Manufacturer Name.  Please Specify Model Number of The Offered Equipment.  Please Specify Country of Origin of The Offered Equipment.		
No.  1 2 3 4 4.1	Technical Specifications  Manufacturer: Model Number: Country Of origin: Safety Standard: FDA Certificate Or CE Mark  If The Machine Have CE	Min MOH Requirement  Please Specify Manufacturer Name.  Please Specify Model Number of The Offered Equipment.  Please Specify Country of Origin of The Offered Equipment.  Required Certificates		
No.  1 2 3 4 4.1	Technical Specifications  Manufacturer: Model Number: Country Of origin: Safety Standard: FDA Certificate Or CE Mark  If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either:	Min MOH Requirement  Please Specify Manufacturer Name.  Please Specify Model Number of The Offered Equipment.  Please Specify Country of Origin of The Offered Equipment.  Required Certificates  Australia, Canada, Europe Union, Japan, USA and UK  The unit shall be safe to use both for -the operator and the patient. Class I,		
No.  1 2 3 4 4.1	Technical Specifications  Manufacturer: Model Number: Country Of origin: Safety Standard: FDA Certificate Or CE Mark  If The Machine Have CE Certificate Product Needs To Have	Min MOH Requirement  Please Specify Manufacturer Name.  Please Specify Model Number of The Offered Equipment.  Please Specify Country of Origin of The Offered Equipment.  Required Certificates  Australia, Canada, Europe Union, Japan, USA and UK  The unit shall be safe to use both for -the operator and the patient. Class I, Protection against leakage current, protection against electric shocks: class I,		
No.  1 2 3 4 4.1 4.2	Technical Specifications  Manufacturer: Model Number: Country Of origin: Safety Standard: FDA Certificate Or CE Mark  If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either:  Genaral Specification:	Min MOH Requirement  Please Specify Manufacturer Name.  Please Specify Model Number of The Offered Equipment.  Please Specify Country of Origin of The Offered Equipment.  Required Certificates  Australia, Canada, Europe Union, Japan, USA and UK  The unit shall be safe to use both for -the operator and the patient. Class I, Protection against leakage current, protection against electric shocks: class I, Waterproofnessl.		
No.  1 2 3 4 4.1 4.2 5 5.1	Technical Specifications  Manufacturer: Model Number: Country Of origin: Safety Standard: FDA Certificate Or CE Mark  If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either:	Min MOH Requirement  Please Specify Manufacturer Name.  Please Specify Model Number of The Offered Equipment.  Please Specify Country of Origin of The Offered Equipment.  Required Certificates  Australia, Canada, Europe Union, Japan, USA and UK  The unit shall be safe to use both for -the operator and the patient. Class I, Protection against leakage current, protection against electric shocks: class I, Waterproofnessl.  Heavy Duty Designed, New Model.		
No.  1 2 3 4 4.1 4.2 5 5.1 5.2	Technical Specifications  Manufacturer: Model Number: Country Of origin: Safety Standard: FDA Certificate Or CE Mark  If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either:  Genaral Specification:  Designed:	Min MOH Requirement  Please Specify Manufacturer Name.  Please Specify Model Number of The Offered Equipment.  Please Specify Country of Origin of The Offered Equipment.  Required Certificates  Australia, Canada, Europe Union, Japan, USA and UK  The unit shall be safe to use both for -the operator and the patient. Class I, Protection against leakage current, protection against electric shocks: class I, Waterproofnessl.  Heavy Duty Designed, New Model.  The Machine should be of Latest Model and Must have Lattest Technology		
No.  1 2 3 4 4.1 4.2 5 5.1 5.2 5.3	Technical Specifications  Manufacturer: Model Number: Country Of origin: Safety Standard: FDA Certificate Or CE Mark  If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either:  Genaral Specification:  Designed:  Quality:	Min MOH Requirement  Please Specify Manufacturer Name.  Please Specify Model Number of The Offered Equipment.  Please Specify Country of Origin of The Offered Equipment.  Required Certificates  Australia, Canada, Europe Union, Japan, USA and UK  The unit shall be safe to use both for -the operator and the patient. Class I, Protection against leakage current, protection against electric shocks: class I, Waterproofnessl.  Heavy Duty Designed, New Model.  The Machine should be of Latest Model and Must have Lattest Technology  High Quality, Safety, Ease of Use		
No.  1 2 3 4 4.1 4.2 5 5.1 5.2 5.3 5.4	Technical Specifications  Manufacturer: Model Number: Country Of origin: Safety Standard: FDA Certificate Or CE Mark  If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either:  Genaral Specification:  Designed:	Min MOH Requirement  Please Specify Manufacturer Name.  Please Specify Model Number of The Offered Equipment.  Please Specify Country of Origin of The Offered Equipment.  Required Certificates  Australia, Canada, Europe Union, Japan, USA and UK  The unit shall be safe to use both for -the operator and the patient. Class I, Protection against leakage current, protection against electric shocks: class I, Waterproofnessl.  Heavy Duty Designed, New Model.  The Machine should be of Latest Model and Must have Lattest Technology		
No.  1 2 3 4 4.1 4.2 5 5.1 5.2 5.3 5.4 6	Technical Specifications  Manufacturer: Model Number: Country Of origin: Safety Standard: FDA Certificate Or CE Mark  If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either:  Genaral Specification:  Designed:  Quality: Supplier:	Min MOH Requirement  Please Specify Manufacturer Name.  Please Specify Model Number of The Offered Equipment.  Please Specify Country of Origin of The Offered Equipment.  Required Certificates  Australia, Canada, Europe Union, Japan, USA and UK  The unit shall be safe to use both for -the operator and the patient. Class I, Protection against leakage current, protection against electric shocks: class I, Waterproofnessl.  Heavy Duty Designed, New Model.  The Machine should be of Latest Model and Must have Lattest Technology High Quality, Safety, Ease of Use the Supplier is required to be a Certified Distributor or Agent of the Company.		
No.  1 2 3 4 4.1 4.2 5 5.1 5.2 5.3 5.4 6 7	Technical Specifications  Manufacturer: Model Number: Country Of origin: Safety Standard: FDA Certificate Or CE Mark  If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either:  Genaral Specification:  Designed:  Quality: Supplier:  General Technical Specifications:	Min MOH Requirement  Please Specify Manufacturer Name.  Please Specify Model Number of The Offered Equipment.  Please Specify Country of Origin of The Offered Equipment.  Required Certificates  Australia, Canada, Europe Union, Japan, USA and UK  The unit shall be safe to use both for -the operator and the patient. Class I, Protection against leakage current, protection against electric shocks: class I, Waterproofnessl.  Heavy Duty Designed, New Model.  The Machine should be of Latest Model and Must have Lattest Technology High Quality, Safety, Ease of Use the Supplier is required to be a Certified Distributor or Agent of the Company.  This System is an Auxiliary Power System with built-in batteries that makes available to move X-ray system from place to place for X-ray exposure		
No.  1 2 3 4 4.1 4.2  5 5.1 5.2 5.3 5.4 6 7 7.1	Technical Specifications  Manufacturer: Model Number: Country Of origin: Safety Standard: FDA Certificate Or CE Mark  If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either:  Genaral Specification:  Designed:  Quality: Supplier:  General Technical Specifications: Input:	Min MOH Requirement  Please Specify Manufacturer Name.  Please Specify Model Number of The Offered Equipment.  Please Specify Country of Origin of The Offered Equipment.  Required Certificates  Australia, Canada, Europe Union, Japan, USA and UK  The unit shall be safe to use both for -the operator and the patient. Class I, Protection against leakage current, protection against electric shocks: class I, Waterproofnessl.  Heavy Duty Designed, New Model.  The Machine should be of Latest Model and Must have Lattest Technology High Quality, Safety, Ease of Use the Supplier is required to be a Certified Distributor or Agent of the Company.  This System is an Auxiliary Power System with built-in batteries that makes available to move X-ray system from place to place for X-ray exposure		
No.  1 2 3 4 4.1 4.2 5 5.1 5.2 5.3 5.4 6 7	Technical Specifications  Manufacturer: Model Number: Country Of origin: Safety Standard: FDA Certificate Or CE Mark  If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either:  Genaral Specification:  Designed:  Quality: Supplier:  General Technical Specifications:	Min MOH Requirement  Please Specify Manufacturer Name.  Please Specify Model Number of The Offered Equipment.  Please Specify Country of Origin of The Offered Equipment.  Required Certificates  Australia, Canada, Europe Union, Japan, USA and UK  The unit shall be safe to use both for -the operator and the patient. Class I, Protection against leakage current, protection against electric shocks: class I, Waterproofnessl.  Heavy Duty Designed, New Model.  The Machine should be of Latest Model and Must have Lattest Technology High Quality, Safety, Ease of Use the Supplier is required to be a Certified Distributor or Agent of the Company.  This System is an Auxiliary Power System with built-in batteries that makes available to move X-ray system from place to place for X-ray exposure  AC 220V  Approx. DC 380V / 7A~12A (12V / 7A Battery 28EA Batteries in series)		
No.  1 2 3 4 4.1 4.2  5 5.1 5.2 5.3 5.4 6 7 7.1 7.2	Technical Specifications  Manufacturer: Model Number: Country Of origin: Safety Standard: FDA Certificate Or CE Mark  If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either:  Genaral Specification:  Designed:  Quality: Supplier:  General Technical Specifications: Input: Output:	Min MOH Requirement  Please Specify Manufacturer Name.  Please Specify Model Number of The Offered Equipment.  Please Specify Country of Origin of The Offered Equipment.  Required Certificates  Australia, Canada, Europe Union, Japan, USA and UK  The unit shall be safe to use both for -the operator and the patient. Class I, Protection against leakage current, protection against electric shocks: class I, Waterproofnessl.  Heavy Duty Designed, New Model.  The Machine should be of Latest Model and Must have Lattest Technology High Quality, Safety, Ease of Use the Supplier is required to be a Certified Distributor or Agent of the Company.  This System is an Auxiliary Power System with built-in batteries that makes available to move X-ray system from place to place for X-ray exposure  AC 220V  Approx. DC 380V / 7A~12A (12V / 7A Battery 28EA Batteries in series)  It is charged by connecting 2EA Batteries in series to 1 channel on PCB. There		
No.  1 2 3 4 4.1 4.2  5 5.1 5.2 5.3 5.4 6 7 7.1	Technical Specifications  Manufacturer: Model Number: Country Of origin: Safety Standard: FDA Certificate Or CE Mark  If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either:  Genaral Specification:  Designed:  Quality: Supplier:  General Technical Specifications: Input:	Min MOH Requirement  Please Specify Manufacturer Name.  Please Specify Model Number of The Offered Equipment.  Please Specify Country of Origin of The Offered Equipment.  Required Certificates  Australia, Canada, Europe Union, Japan, USA and UK  The unit shall be safe to use both for -the operator and the patient. Class I, Protection against leakage current, protection against electric shocks: class I, Waterproofnessl.  Heavy Duty Designed, New Model.  The Machine should be of Latest Model and Must have Lattest Technology High Quality, Safety, Ease of Use the Supplier is required to be a Certified Distributor or Agent of the Company.  This System is an Auxiliary Power System with built-in batteries that makes available to move X-ray system from place to place for X-ray exposure  AC 220V  Approx. DC 380V / 7A~12A (12V / 7A Battery 28EA Batteries in series)		
No.  1 2 3 4 4.1 4.2  5 5.1 5.2 5.3 5.4 6 7 7.1 7.2 7.3	Technical Specifications  Manufacturer: Model Number: Country Of origin: Safety Standard: FDA Certificate Or CE Mark  If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either:  Genaral Specification:  Designed:  Quality: Supplier:  General Technical Specifications: Input: Output:	Min MOH Requirement  Please Specify Manufacturer Name.  Please Specify Model Number of The Offered Equipment.  Please Specify Country of Origin of The Offered Equipment.  Required Certificates  Australia, Canada, Europe Union, Japan, USA and UK  The unit shall be safe to use both for -the operator and the patient. Class I, Protection against leakage current, protection against electric shocks: class I, Waterproofnessl.  Heavy Duty Designed, New Model.  The Machine should be of Latest Model and Must have Lattest Technology High Quality, Safety, Ease of Use the Supplier is required to be a Certified Distributor or Agent of the Company.  This System is an Auxiliary Power System with built-in batteries that makes available to move X-ray system from place to place for X-ray exposure  AC 220V  Approx. DC 380V / 7A~12A (12V / 7A Battery 28EA Batteries in series)  It is charged by connecting 2EA Batteries in series to 1 channel on PCB. There are 14 channels on PCB. Each 1 channel detects 2EA batteries and charges		
No.  1 2 3 4 4.1 4.2  5 5.1 5.2 5.3 5.4 6 7 7.1 7.2	Technical Specifications  Manufacturer: Model Number: Country Of origin: Safety Standard: FDA Certificate Or CE Mark  If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either:  Genaral Specification:  Designed:  Quality: Supplier:  General Technical Specifications: Input: Output: Charging:	Min MOH Requirement  Please Specify Manufacturer Name.  Please Specify Model Number of The Offered Equipment.  Please Specify Country of Origin of The Offered Equipment.  Required Certificates  Australia, Canada, Europe Union, Japan, USA and UK  The unit shall be safe to use both for -the operator and the patient. Class I, Protection against leakage current, protection against electric shocks: class I, Waterproofnessl.  Heavy Duty Designed, New Model.  The Machine should be of Latest Model and Must have Lattest Technology High Quality, Safety, Ease of Use the Supplier is required to be a Certified Distributor or Agent of the Company.  This System is an Auxiliary Power System with built-in batteries that makes available to move X-ray system from place to place for X-ray exposure  AC 220V  Approx. DC 380V / 7A~12A (12V / 7A Battery 28EA Batteries in series)  It is charged by connecting 2EA Batteries in series to 1 channel on PCB. There are 14 channels on PCB. Each 1 channel detects 2EA batteries and charges batteries when it becomes discharged		
No.  1 2 3 4 4.1 4.2  5 5.1 5.2 5.3 5.4 6 7 7.1 7.2 7.3	Technical Specifications  Manufacturer: Model Number: Country Of origin: Safety Standard: FDA Certificate Or CE Mark  If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either:  Genaral Specification:  Designed:  Quality: Supplier:  General Technical Specifications: Input: Output: Charging: Function Explanation of Overall	Please Specify Manufacturer Name.  Please Specify Model Number of The Offered Equipment.  Please Specify Country of Origin of The Offered Equipment.  Please Specify Country of Origin of The Offered Equipment.  Required Certificates  Australia, Canada, Europe Union, Japan, USA and UK  The unit shall be safe to use both for -the operator and the patient. Class I, Protection against leakage current, protection against electric shocks: class I, Waterproofnessl.  Heavy Duty Designed, New Model.  The Machine should be of Latest Model and Must have Lattest Technology High Quality, Safety, Ease of Use the Supplier is required to be a Certified Distributor or Agent of the Company.  This System is an Auxiliary Power System with built-in batteries that makes available to move X-ray system from place to place for X-ray exposure  AC 220V  Approx. DC 380V / 7A~12A (12V / 7A Battery 28EA Batteries in series)  It is charged by connecting 2EA Batteries in series to 1 channel on PCB. There are 14 channels on PCB. Each 1 channel detects 2EA batteries and charges batteries when it becomes discharged  When inputting AC 220V to AC INPUT, AC power is supplied to DVM, PCB		
No.  1 2 3 4 4.1 4.2  5 5.1 5.2 5.3 5.4 6 7 7.1 7.2 7.3	Technical Specifications  Manufacturer: Model Number: Country Of origin: Safety Standard: FDA Certificate Or CE Mark  If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either:  Genaral Specification:  Designed:  Quality: Supplier:  General Technical Specifications: Input: Output: Charging: Function Explanation of Overall	Please Specify Manufacturer Name.  Please Specify Model Number of The Offered Equipment.  Please Specify Country of Origin of The Offered Equipment.  Required Certificates  Australia, Canada, Europe Union, Japan, USA and UK  The unit shall be safe to use both for -the operator and the patient. Class I, Protection against leakage current, protection against electric shocks: class I, Waterproofnessl.  Heavy Duty Designed, New Model.  The Machine should be of Latest Model and Must have Lattest Technology High Quality, Safety, Ease of Use the Supplier is required to be a Certified Distributor or Agent of the Company.  This System is an Auxiliary Power System with built-in batteries that makes available to move X-ray system from place to place for X-ray exposure  AC 220V  Approx. DC 380V / 7A~12A (12V / 7A Battery 28EA Batteries in series) It is charged by connecting 2EA Batteries in series to 1 channel on PCB. There are 14 channels on PCB. Each 1 channel detects 2EA batteries and charges batteries when it becomes discharged  When inputting AC 220V to AC INPUT, AC power is supplied to DVM, PCB and System. PCB that AC power is supplied detects Battery charging condition		
No.  1 2 3 4 4.1 4.2  5 5.1 5.2 5.3 5.4 6 7 7.1 7.2 7.3 8 8.1	Technical Specifications  Manufacturer: Model Number: Country Of origin: Safety Standard: FDA Certificate Or CE Mark  If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either:  Genaral Specification:  Designed:  Quality: Supplier:  General Technical Specifications: Input: Output:  Charging: Function Explanation of Overall Operation and Panel:	Please Specify Manufacturer Name.  Please Specify Model Number of The Offered Equipment.  Please Specify Country of Origin of The Offered Equipment.  Required Certificates  Australia, Canada, Europe Union, Japan, USA and UK  The unit shall be safe to use both for -the operator and the patient. Class I, Protection against leakage current, protection against electric shocks: class I, Waterproofnessl.  Heavy Duty Designed, New Model.  The Machine should be of Latest Model and Must have Lattest Technology High Quality, Safety, Ease of Use the Supplier is required to be a Certified Distributor or Agent of the Company.  This System is an Auxiliary Power System with built-in batteries that makes available to move X-ray system from place to place for X-ray exposure  AC 220V  Approx. DC 380V / 7A~12A (12V / 7A Battery 28EA Batteries in series)  It is charged by connecting 2EA Batteries in series to 1 channel on PCB. There are 14 channels on PCB. Each 1 channel detects 2EA batteries and charges batteries when it becomes discharged  When inputting AC 220V to AC INPUT, AC power is supplied to DVM, PCB and System. PCB that AC power is supplied detects Battery charging condition for operation.		
No.  1 2 3 4 4.1 4.2  5 5.1 5.2 5.3 5.4 6 7 7.1 7.2 7.3	Technical Specifications  Manufacturer: Model Number: Country Of origin: Safety Standard: FDA Certificate Or CE Mark  If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either:  Genaral Specification:  Designed:  Quality: Supplier:  General Technical Specifications: Input: Output: Charging: Function Explanation of Overall	Please Specify Manufacturer Name.  Please Specify Model Number of The Offered Equipment.  Please Specify Country of Origin of The Offered Equipment.  Required Certificates  Australia, Canada, Europe Union, Japan, USA and UK  The unit shall be safe to use both for -the operator and the patient. Class I, Protection against leakage current, protection against electric shocks: class I, Waterproofnessl.  Heavy Duty Designed, New Model.  The Machine should be of Latest Model and Must have Lattest Technology High Quality, Safety, Ease of Use the Supplier is required to be a Certified Distributor or Agent of the Company.  This System is an Auxiliary Power System with built-in batteries that makes available to move X-ray system from place to place for X-ray exposure  AC 220V  Approx. DC 380V / 7A~12A (12V / 7A Battery 28EA Batteries in series) It is charged by connecting 2EA Batteries in series to 1 channel on PCB. There are 14 channels on PCB. Each 1 channel detects 2EA batteries and charges batteries when it becomes discharged  When inputting AC 220V to AC INPUT, AC power is supplied to DVM, PCB and System. PCB that AC power is supplied detects Battery charging condition		









#### Tables of Technical Specifications for Furnishing and Equipping Health facilities in Aden Governorates

No.	Technical Specifications	Min MOH Requirement	<b>Bidders Offer</b>	Notes
		2ea Bracker are for AC input, DC output and system ON/OFF.	Didders Offer	Hotes
8.3 8.4	BRAKER: Inlet , Outlet:	AC power is supplied to Inlet and the supplied AC comes out from Outlet.		
		DC power output from this terminal. Voltage displayed on DVM comes out		
8.5	Terminal 1 (DC Output):	from this terminal.		
8.6	LED (RED) or LCD Screen :	Charging condition can be checked from LED or Screen,When batteries are charged LED is turned on but when charging is finished, LED is turned off. Or appearing on Screen		
9	Adjustment of PCB Voltage:			
9.1		PCB is set for battery charging voltage. Charging voltage per 12V battery is $13.65V \pm 0.25$ as standard. The supplied power to PCB from 2EA batteries in series is $27.30V$ . Voltage can be done by adjusting each module VR1~14 on better above above.		
10	Life Span for Item:	battery charger board  10 Years		
11	Warranty:	Minimum of 2 Years		
12	Other Specification:	Please Specify Other Specifications.		
A-13	Item Description	Dental Extraction Set	م خلع الاستان	طق
No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
	Manufacturer :	Please Specify Manufacturer Name.	Didders Offer	Notes
2	Model Number:	Please Specify Model Number of The Offered Equipment.		
3	Country Of Origin:	Please Specify Country of Origin of The Offered Equipment.		
4	Safety Standard:	Frease Specify Country of Origin of The Offered Equipment.		
4.1	FDA Certificate Or CE Mark:	Required Certificates.		
7.1		required certificates.		
4.2	If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either:	Australia, Canada, Europe Union, Japan,USA and UK		
5	Designed:	Heavy duty Designed, New Model.		
5.1	Quality:	High Quality.		
5.2	Supplier:	the Supplier is required to be a Certified Distributor or Agent of the Company.		
6	Each Set Contents of:			
6.1		1 X Upper Premolar Wisdom & Roots Dental Extracting Extraction Forceps Mead #1.		
6.2		1 X Upper Molars Dental Extracting Extraction Forceps Mead #2.		
6.3		1 X Lower Incisors Dental Extracting Extraction Forceps Mead #3.		
6.4		X Lower Molar Dental Extracting Extraction Forceps Mead #4.      X Dental Upper Incisors Cuspids Bicuspids Roots Extracting Extraction		
6.5		Forceps with Gold Handle  1 X Dental Lower Incisors Cuspids Bicuspids Roots Extracting Extraction		
6.6		Forceps with Gold Handle.  1 X Dental Extracting Extraction Lower Molar Cow Horn Forceps #23 With		
6.7		Gold Handle.  1 X Dental Extracting Extraction Forceps #286.		
6.9		1 X Heidbrink Root Tip Pick Elevator Straight.		
6.1		1 X Heidbrink Root Tip Pick Elevator Straight.		
6.11		1 X Heidbrink Root Tip Pick Elevator Left.		
6.12		1 X Apical Root Dental Elevator Del 301.		
6.13		1 X Apical Root Dental Elevator Del 302.		
6.14		1 X Apical Root Dental Elevator Del 303.		
6.15		1 X Apical Root Dental Elevator Del 77r.		
6.16		1 X Lindo Levien Serrated Elevator Right.		
6.17		1 X Lindo Levien Serrated Elevator Left.		
6.18		1 X Adson Dressing Forceps Serrated Fine Point 4.75"		
6.19		1 X Adson Tissue Forceps 1x2teeth Fine Point 4.75"		
6.2		1 X Iris Scissors 4.5" Straight.		
6.21		1 X Iris Scissors 4.5" Angled.		
6.22		1 X Mosquito Hemostat Forceps 5" Curved.		
6.23		1 X Crile Wood Needle Holder 6".  1 X Crane Elevator Right.		
6.24		1 X Crane Elevator Right.  1 X Crane Elevator Left.		
6.25		1 X Crane Elevator Lett.  1 X Periosteal Elevator Molt M9.		
6.27		1 X Periosteal Elevator Molt M9.  1 X Periosteal Elevator Seldin S23.		
6.28		1 X Periosteal Elevator Settin \$25.		
6.29		1 X College Cotton Plier.		
6.3		1 X Conege Cotton r ner.  1 X Dental Explorer Probe #5.		
6.31		1 X Minnesota Cheek Retractor.		
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# Tables of Technical Specifications for Furnishing and Equipping Health facilities in Aden Governorates

No.	Technical Specifications	Min MOH Requirement	<b>Bidders Offer</b>	Notes
6.32		1 X Dental Syringe 18cc.		
6.33		1 X Scalpel Knife Handle #3.		
6.34		1 X Scalpel Knife Handle #4.		
7	Life Span for Item:	5 Years		
8	Warranty:	Minimum of 1 Year.		
9	Other Specification:	Please Specify Other Specifications.		
A-14	Item Description	Dental Restorative Set	ترميم الاسنان	طقم
No.	Technical Specifications	Min MOH Requirement	<b>Bidders Offer</b>	Notes
1	Manufacturer :	Please Specify Manufacturer Name.		
2	Model Number:	Please Specify Model Number of The Offered Equipment.		
3	Country Of Origin:	Please Specify Country of Origin of The Offered Equipment.		
4	Safety Standard:			
4.1	FDA Certificate Or CE Mark:	Required Certificates.		
4.2	If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either:	Australia, Canada, Europe Union, Japan,USA and UK		
5	Designed:	Heavy duty Designed, New Model.		
5.1	Quality:	High Quality.		
5.2	Supplier:	the Supplier is required to be a Certified Distributor or Agent of the Company.		
6	Each Set Contents of:			
6.1		1 X Amalgam Burnisher.		
6.2		1 X Amalgam Carrier.		
6.3		1 X Amalgam Plugger.		
6.4		1 X Cement spatula		
6.5		1 X Chisel Double.		
6.6		1 X Chisel Single.		
6.7		1 X Cleoid Discoid.		
6.8		1 X Explorer.		
6.9		1 X Gingival Margin Trimmer.		
6.1		1 X Hatchet.		
6.11		1 X Hollenback Carver.		
6.12		1 X Mouth mirror w/handle #4.		
6.13		1 X Mouth mirror w/handle #5.		
6.14		1 X Periodontal Probe.		
6.15		1 X Spoon Excavator.		
6.16		1 X Carying Case.		
7	Life Span for Item:	10 Years		
8	Warranty:	Minimum of 2 Year.		
9	Other Specification:	Please Specify Other Specifications.		









#### Tables of Technical Specifications for Furnishing and Equipping Health facilities in Aden Governorates

No.	Technical Specifications	Min MOH Requirement	<b>Bidders Offer</b>	Notes
A-15	Item Description	UltraSonic Scaling Unit	وحدة تنظيف وتبيض بالموجات فوق الصوتية	
No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
1	Manufacturer :	Please Specify Manufacturer Name.		
2	Model Number:	Please Specify Model Number of The Offered Equipment.		
3	Country Of Origin:	Please Specify Country of Origin of The Offered Equipment.		
4	Safety Standard:			
4.1	FDA Certificate Or CE Mark:	Required Certificates		
4.2	If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either:	Australia, Canada, Europe Union, Japan, USA and UK.		
5	Genaral Specification:	The unit shall be safe to use both for -the operator and the patient. Class I, Protection against leakage current, protection against electric shocks: class I, Waterproofnessl.		
5.1	Designed:	Heavy duty Designed, New Model.		
5.2		The Machine should be of Latest Model and Must have Lattest Technology		
5.3	Quality:	High Quality, Safety, Ease of Use		
5.4	Supplier:	the Supplier is Required to be a Certified Distributor or Agent of The Company.		
6		Microprocessor Controlled UltraSonic Scalar Should be Electric or Miniature size		
7		Peso Scalar: For use Periodontics, Endodontic,		
8		Power Boosting		
9	Pieces:	Scalar Hand Piece Autoclavable up to 135 C° with Internal Cooling		
10	Scaler Tips Set:	Standard Scalar Tips For Various Procedures Shall be Supplied with the Machine		
10.1		1 X Supragingival Scaling Tip		
10.2		1 X Subgingigival Scaling Tip		
10.3		1 X Thixotropic Cementation Tip		
10.4		1 X Crown Removal & Inlay Tip		
10.5		1 X Endodontic Treatment Tip		
10.6		1 X Tip Replacement Wrench		
11	Output:	25000 25000		
11.1	Power Range:	25000- 35000		
12	Cycles Adjustable:	20 4- 40 VII-		
12.1	Vibrating Frequency:	28 to 40 KHz		
12.2	Control:	Foot Switch Operated		
12.3	Water Pressure: Life Span for Machine:	1 to 3 Bar. 10 Years		
13	•	IU Teals		
14.1	Maintenance:	2 Years Free Maintenace.		
14.1		Service Manual and Operation Manual {Hardcopy & Softcopy}		
14.2		Application Software and Interface Connection Included.		
15	Power Supplay:	100 to 240 V $\sim \pm 10\%$ , 50/60 Hz Single phase (power cable Compatible with		
16	Other Specification:	the Hospital electric outlet plug, 5 mt ), Electrical Safety class 1 Please Specify Other Specifications.		
10	Omer specification:	I lease specify other specifications.		









#### Tables of Technical Specifications for Furnishing and Equipping Health facilities in Aden Governorates

No.	Technical Specifications	Min MOH Requirement	<b>Bidders Offer</b>	Notes
A-16	Item Description	Dental Amalgamator	جهاز خلط الحشوات	
No.	Technical Specifications	Min MOH Requirement	<b>Bidders Offer</b>	Notes
1	Manufacturer :	Please Specify Manufacturer Name.		
2	Model Number:	Please Specify Model Number of The Offered Equipment.		
3	Country Of Origin:	Please Specify Country of Origin of The Offered Equipment.		
4	Safety Standard:			
4.1	FDA Certificate Or CE Mark:	Required Certificates		
4.2	If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either:	Australia, Canada, Europe Union, Japan, USA and UK.		
5	Genaral Specification:	The unit shall be safe to use both for -the operator and the patient. Class I, Protection against leakage current, protection against electric shocks: class I, Waterproofnessl.		
5.1	Designed:	Heavy duty Designed, New Model.		
5.2		The Machine should be of Latest Model and Must have Lattest Technology		
5.3	Quality:	High Quality, Safety, Ease of Use		
5.4	Supplier:	the Supplier is Required to be a Certified Distributor or Agent of The Company.		
6		Dental Amalgamator – Universal Mixing Unit for Dental Materials in Capsules With Digital Timer		
7		Homogeneous Mixing of the Materials with the Rotation Mixing Principle		
8		Virtually Void-Free and Particularly Easy Dispensing of The Mateiral Owing to Centrifugal Movement.		
9		Capsules Are Simply Inserted Into the Self-Locking Capsule Holder		
10		Centrifugal Movement Can Be Switched Off if Required.		
11		It Can only Operate When the Protective Cover is Closed Ensuring Optimum Safety		
12		Extremely Silent Mixing		
13	Mixing Speed:	2850 Oscillations per Minute or Better		
14	Centrifuging Speed :	2950 oscillations Per Minute or Better		
15	Life Span for Machine:	5 Years		
16	Maintenance:			
16.1		2 Years Free Maintenace.		
16.2		Service Manual and Operation Manual {Hardcopy & Softcopy}		
16.3		Application Software and Interface Connection Included.		
17	Power Supplay:	$100$ to $240$ V $\sim\pm10\%,50/60$ Hz Single phase ( power cable Compatible with the Hospital electric outlet plug, 5 mt ), Electrical Safety class 1		
17.1		Battery Operated With Minimum 8 Hours Battery Operation		
18	Other Specification:	Please Specify Other Specifications.		