







مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
GWQ-1	Item Description	Syring Pump W/Holder	السوائل شيرنجة مع الحامل	جهاز حقن
	Qty	2		
No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
1	Manufacturer:	Please Specify Manufacturer Name.	Didders Offer	11000
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			
4.2	Certificate Product Needs To	Australia, Canada, Europe Union, Japan, USA And UK.		
4.2	Have Market Clearance For Either:	Austrana, Canada, Europe Omon, Japan, OSA And OK.		
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	Syring Pump:	Permits the use of standard disposable Syringes (sizes $10 - 50/60$ ml) and extension sets, with auto syringe size sensing.		
7	Infusion Volume:	0.1 to 999 ml in 0.1ml increments in lower ranges		
8	Infusion rate adjustable:	from 0.1 – 99.9 ml/hr in (0.1ml/hr steps)		
9	System and malfunction:	alarms with visual and audible alarm indicators		
10	Display:	Divided display on house of continuous informat. Informing motor along		
10.1		Digital display or better of volume infused. Infusion rate, alarm prompts etc.		
10.2		Purge/ bolus facility		
10.3		Volumetric accuracy At Least ± 2%.		
10.4		Occlusion Pressure limit (from 0 to 750 mmHg)		
10.5		Built-in self test and diagnostics		
11		DPS (dynamic pressure sensor) Included		
12		Special feature of the product (other than mentioned on list)		
13		Accessories if any (to put machine/ system into operation)		
14 15	Accessories:	Consumable if any (to put machine/ system into operation)		
15.1	Accessuries:	1 X Holder		
15.1		1 X Operation Manual		
15.3		1 X Service Manual		
16	Power Supply:	$100 \text{ to } 240 \text{ V} \sim \pm 10\%, 50/60 \text{ Hz}.$		
16.1	Battery:	4-6 Hrs.		
17	Estimated life-Span of the Device:	At Least 10 Years		
18	Maintenance:	2 Years Free Maintenance.		
19	Training:	User /Nurses training, by Specialist from the Supplier.		
20	Other Specification:	Please Specify Other Specifications.		
GWQ-2	Item Description	Infusion Pump W/Holder	ر سوائل وريدي مع الحامل	جهاز تقطي
	Qty	2		
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.		









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
3	Country Of origin:	Please Specify Country of Origin of The Offered Equipment.	Didden one	1(000
4	Safety Standard:	rease specify country of origin of the offered Equipment.		
4.1	FDA Certificate Or CE Mark	Required certificates		
7.1	If The Machine Have CE	Required certificates		
	Certificate Product Needs To			
4.2	Have Market Clearance For	Australia, Canada, Europe Union, Japan, USA And UK.		
	Either:	The unit shall be safe to use both for -the operator and the patient. Class		
5	Genaral Specification:	I, Protection against leakage current, protection against electric shocks:		
	Genarai Specification.	class I, Waterproofnessl.		
5.1	Designed:	Heavy Duty Designed, New Model.		
		The Machine Should be of Latest Model and Must have Lattest		
5.2		Technology		
5.3	Quality:	high quality, Safety, Ease of Use		
5.4	Supplier:	the Tupplier is Required to be a Certified Distributor or Agent of The		
3.4		Company.		
6	Mode:			
6.1		Macro: 1-999 ml/hr in 1ml./hr increment		
6.2		Micro: 0.1-99.9 ml/hr in 0.1 ml/hr increment		
7	Volume to be infused:	1.0 – 999.9 ml or No limit		
8	Infusion Set Used with the	should (open system) the user can use any infusion set		
	System:	one die (open system) the user can use any infusion set		
9	Infusion Accuracy:			
9.1		Presettable rate		
9.2		At Least ±2%		
10	Secondary Function:			
10.1		Free flow protection		
10.2		Front panel key pad lock		
10.3		Built-in self test and diagnostic		
10.4		System and malfunction alarms with audible and visual alarm indicators		
10.5		Silence or reset of audio alarms		
10.6		Air line detect system		
11	Message Display for Infusion	Alarms, error messages etc.		
11	Status:	Additional income and the state of the state		
12	Automatic Flow:			
12.1		Rate calculation		
12.2		Drug calculation & drug dose programs		
12.3		Multi-dose capability		
12.4		Rate-volume and volume timer programming		
13	Accessories:			
13.1		1 X Holder		
13.2		1 X Operation Manual		
13.3		1 X Service Manual		
13.4		1 X Set of Spare Infusion Set For Adult & Pediatric. (each) 500 Set		
14	Power S:upply:	$100 \text{ to } 240 \text{ V} \sim \pm 10\%, 50/60 \text{ Hz}$.		
14.1	Battery Pickup:	4-6 Hrs.		
15	Estimated life-Span of the	At Least 10 Years		
13	Device:	To Louis To Tomb		
16	Maintenance:	2 Years Free Maintenance.		
17	Training:	User /Nurses training, by Specialist from the Supplier.		
18	Other Specification:	Please Specify Other Specifications.		
GWQ-3	Item Description	Ventilator Machine	تنفس صناعي	جهاز
	Oty	3		
No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
		*	Didders Offer	notes
1	Manufacturer :	Please Specify Manufacturer Name.		









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

No		ورید تنجهیر و تالیت قسم طواری انودده بمستسکی راش انعازه ــ مدیریه انعازه		Notes
No.	Technical Specifications	Min MOH Requirement	Bidders 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:			
4.1	FDA Certificate Or CE Mark:	Required certificates		
	If The Machine Have CE			
4.2	Certificate Product Needs To	Australia, Canada, Europe Union, Japan, USA And UK.		
	Have Market Clearance For			
	Either:	The unit shall be seen to use both for the engage and the nations Class		
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:		
	Genarai Specification.	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		
		the supplier is required to be a certified distributor or agent of the		
5.4	Supplier	company.		
6	Ventilator System:			
6.1		Microprocessor controlled used for Pediatric, Adult and Neonate.		
6.2		Active Humidifier.		
6.3		Compressor or turbine >60000 hour - full 7 years warranty		
6.4		Nebulizer		
7	Ventilation mode	volume and pressure type of breaths, Patient types Adult &		
		pediatric.and Neonate BIPASIC, VG and Bi level ventilation modes, PC-CMV, PC-BIPAP1 /		
		SIMV, PC-SIMV, PC-AC, PC-APRV, PC-PSV, VC-MMV, A/C,		
7.1		CPAP/PEEP, VC-AC, VC-CMV, VC-SIMV, SPN-CPAP/PS, SPN-		
		CPAP/VS, SPN-CPAP, SPN-PPS) and newer modes for Adult &		
		pediatric.and Neonate		
7.2	Invasive Ventilation Modes:	Please specify.		
7.3	Non-invasive ventilation Modes	Required With all Modes.		
8	Controls /Setting Ranges:			
8.1	Tidal volume, mL	2-2000 ml Or Better		
8.2	Respiratory rate, breaths/min	1-150		
8.3	Trigger mechanism	Pressure, flow		
8.4	FiO2, %	21-100		
8.5	Inspiratory flow rate, L/min	0-180		
8.6	Flow pattern/waveform	Required		
	adjustment	-		
8.7	Inspiratory pressure, cm H2O	0-80		
8.8	IE ratio	Please specify.		
8.9	Sigh breath function	Preferred		
8.1	PEEP/CPAP, cm H2O	0-20		
8.11	Pressure support, cm H2O	0-40		
8.12	Leak compensation	Required		
8.13	Auto 100%/Increase O2 button	Required		
8.14	Control panel lock	Required		
8.15	Automatic ventilation mode	Required		
9	Special Functions:	D · 1		
9.1	Pediatric application	Required		
9.2	Neontel application	Required		
9.3	Nebulizer	Required		
9.4	Apnea pack up ventilation	Required		
9.5	Pause (plateau)	Required		
10	Graphic waveform, Trends &			
10.1	Loops:	Flow		
10.1		Flow		









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
10.2	pecifications	Volume		110005
10.3		Pressure		
11	Ventilation Display / Monitored:			
11.1		Peak inspiratory pressure		
11.2		Mean airway pressure		
11.3		PEEP pressure		
11.4		Tidal volume		
11.5		Minute volume		
11.6		Spontaneous minute volume		
11.7		FiO2 (analyzed %)		
11.8		Respiratory rate		
11.9		Inspiratory time		
11.1		Expiratory time		
11.11		IE ratio		
12	Alarm limits (adjustable):			
12.1		Low/high pressure limit		
12.2		Low O ₂		
12.3		Low / high PEEP / CPAP pressure		
12.4		Low / high tidal volume		
12.5		Low / high minute volume		
12.6		Low / high respiratory rate O ₂ Concentration: 18-100 %		
12.7				
12.8 12.9		Apnea All alarms audible and visible		
13	Equipment Alarms:	An alamis audivic and visivic		
13.1	Equipment Atarliis:	Power failure		
13.1		Low battery		
13.3		Disconnection		
13.4		Gas supply failure		
13.5		Flow sensor alarms		
13.6		Vent inoperative		
13.7		Self-diagnostics		
13.8		All alarms: audible and visible		
14	Patient Alarms:			
14.1		Low/high FiO2		
14.2		Low minute volume		
14.3		High minute volume		
14.4		Low inspiratory pressure		
14.5		High pressure		
14.6		Loss of PEEP		
14.7		Apnea		
14.8		Continuous high pressure/occlusion		
14.9		Inverse IE ratio		
14.1		High respiratory rate		
14.11		High PEEP		
14.12	Donosting (vent alarms and	Breathing circuit disconnect		
15	Reporting (vent alarms and			
15.1	patient status): View reports on display	Required		
15.1	1 1	Required		
15.2		Required		
15.5	Inlet gas supply pressure			
16	(Air/O ₂):	(30-80) PSI		
	(AII/O ₂).			









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

17 On-Board Air Compresspr Or Turbine 17.1 Compressor for ventilator: Medical type, high quality and heavy duty 17.2 Original and compatible with the ventilator 17.3 Water and oil free		
Turbine 17.1 Compressor for ventilator: Medical type, high quality and heavy duty 17.2 Original and compatible with the ventilator		
17.2 Original and compatible with the ventilator		
Water and oil free		
17.4 Low noise (> 60 dB)		
Automatic compressor backup system .(Air compressor will switch on		
automatically when inlet pressure is failed)		
17.6 Easy accessible		
17.7 Turbine: High Quality Turbine >60000 hour - full 7 years Warranty Or more.		
18 Display: Led, touchscreen		
19 Display size, (in): min 15 in		
20 Life Span for Machine: 10 Years		
21 Maintenance:		
21.1 2 Years Free Maintenance.		
Service Manual and Operation Manual {Hardcopy & Softcopy}		
Spare Parts list with code NO		
24 Accessories:		
24.1 1x O2 sensor (Permanent Type) 24.2 1x Active Humidifier		
24.3 2 x Reusable patient circuit for pediatric 24.4 2 x Reusable patient circuit for adult		
	+	
24.5 2 x Reusable patient circuit for Neonate		
24.6 1 x Resuable Test lung for Adult, Pediatric and Neonate 24.7 1 x Resuable Test lung for Pediatric and Neonate		
24.7 24.8 3 x Disposable patient circuit for pediatric		
24.9 3 x Disposable patient circuit for pediatric 3 x Disposable patient circuit for adult		
24.9 3 x Disposable patient circuit for Neonate 3 x Disposable patient circuit for Neonate		
24.11 SA Disposable patient effective for reconate Nebulizer Build-in		
24.12 All needed accessories for full pediatric & adult and Neonatal use		
User /Nurses Training by Specialist from the Supplier And Riomedical		
Training Engineers		
26 Internal back-up battery Operating time, hr : ≥2		
Self diagnostic error /		
calibration massage Included		
28 Power supply 100 to 240 V ~ ±10%, 50/60 Hz Single phase		
29 Other specification Please Specify Other Specifications.		
حرك GWQ-4 Item Description Mobile Electric Suction Machine 2X2 L	شفط سوائل مت	جهاز
Otv		
	ers Offer	Notes
, and the second	CIS OTTEL	notes
1 Manufacturer: Please Specify Manufacturer Name. Please Specify Model Number of The Offered Equipment		
2 Model Number: Please Specify Model Number of The Offered Equipment. 3 Country Of Origin: Please Specify Country of Origin of The Offered Equipment		
3 Country Of Origin: Please Specify Country of Origin of The Offered Equipment. 4 Sefety Standard:		
4 Safety Standard: 4.1 CE Mark: Required Certificates		
4.1 CE Mark: Required Certificates If The Machine Have CE	+	
Certificate Product Needs To		
4.2 Have Market Clearance For Australia, Canada, Europe Union, Japan, USA And UK.		
Either: The unit shall be safe to use both for -the operator and the patient. Class	+	
5 Genaral Specification: 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		









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

No.	Technical Specifications	ورید شجهیر و تابیت قشم طواری انو دده بمشششی راش انفاره = مدیریه انفاره Min MOH Requirement	Bidders Offer	Notes
		the Supplier is required to be a Certified Distributor or Agent of the	Didders Offer	Notes
5.4	Supplier:	Company.		
6	Flow rate L/ Min:	Not less than approx. 30 liter / min.		
7	Vacuum, mmHg:	Not less than 700 mmHg.		
8	Vacuum regulate:	Manual key adjust the vacuum volume to high or low.		
9	Bottles:	Two collecting jars (2) liters fitted with sterilizable rubber bung & fluid valve. Change-over block from jar to other		
10	Tube:	Suction tube between operation field and suction machine) reusable		
11	Castors:	length 3m Material silicone, Autoclavable The apparatus should be mounted on four anti-static tired rubber		
		castors, Two With Break		
12	Filters:	The apparatus should be available with bacterial filters		
13	Life Span for Machine:	7 Years		
14	Maintenance:	2 years from maintaness		
14.1		2 years free maintenace. Service Manual and Operation Manual {Hardcopy & Softcopy}		
14.3		Application Software and Interface Connection Included. 2 Spare bottles, 10 spare bacterial filters and 1 tube (Must be included)		
15	Accessories:	in the price)		
16	Warranty:	2 Years Free Maintenance.		
17	Power Supply:	$100 \text{ to } 240 \text{ V} \sim \pm 10\%, 50 \text{ Hz}$		
18	Other Specification:	Please Specify Other Specifications.		
GWQ-5	Item Description	Patient Monitor With Holder	بة المريض مع الحامل	جهاز مراقب
	Oty	2		
No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notos
		•	Diducts Offer	Notes
1	Manufacturer :	Please Specify Manufacturer Name.		
3	Model Number:	Please Specify Model Number of The Offered Equipment. Please Specify Country of Origin of The Offered Equipment.		
4	Country Of origin: Safety Standard:	Flease Specify Country of Origin of The Offered Equipment.		
4.1	FDA Certificate Or CE Mark:	Required certificates		
4.1	If The Machine Have CE	Required certificates		
4.2	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.		
		12-15 Inches Or Better. Touch Screen		
6	Display size and Type:	High resolution multi-color display		
		Medical type (preferable) or supported with isolation transformer		
		Min. 6 vital waveforms, cab be colored separately Numeric data for the measured vital parameters		
7	Displayed information:	Vital parameters (72) hrs trends		
		Vital parameters alarms audio visual		
8	Defibrillation Protection:	Available for the measured vital parameters		
9	Required vital parameters:			
9.1	ECG:			
9.1-1	Leads:	12 leads facility		
9.1-2	Values:	ECG lead waveform, label, HR gain as min.		
	<u></u>	120, 200,1	I	
9.1-3	HR Range:	30-200 bpm		
9.1-3 9.1-4 9.1-5	HR Range: Alarms: Gain:	Jo-200 bpm Leads off, Hi + Low HR 5, 10, 20 mm/mV		









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
9.1-6	Preferable items:	ST, Arrhythmia, cascade ECG		
9.2	Respiration:	21, 1 mm, cuscuse 200		
9.2-1	Technology:	Impedance		
9.2-2	Values:	Respiration waveform, R.R.		
9.2-3	R.R. Range:	5-80 bpm		
9.2-4	Alarms:	Hi & low R.R.		
9.2-5	Apnea Alarm:	15-25 sec. Preferable		
9.3	NIBP:			
9.3-1	Technology:	Oscillometric		
9.3-2	Values:	SYS , DIA , MEAN , P.R.		
9.3-3	Modes:	Auto, Manual		
9.3-4	Cuff Pressure Range:			
9.3-4-1		Up to 250mmHg Adult		
9.3-4-2		Up to 200mmHg Pediatric		
9.3-4-3		Up to 150mmHg Neonate		
9.3-4-4	Alarms:	Hi and low, SYS, DIA		
9.4	SPO2:			
9.4-1	Values:	SPO2 waveform, SPO2%, P.R.		
9.4-2	SPO2 range	50 - 100 %		
9.4-3	Pulse Rate Range:	25-200ppm		
9.4-4	Alarms:	Hi & low SPO2 + P.R. sensor off		
9.5	Temperature:			
9.5-1	Values:	T1 and or T2		
9.5-2	Range:	30-45°C Hi & low		
9.5-3	Alarm:	HI & low		
9.6	ETCO2:	Should be Main Stream capnography with display of CO2 and digital		
9.6-1		Values of EtCO2, FiCO2 & RR.		
9.6-2	EtCO2 Range:	0-99 mmHg.		
9.6-3	FiCO2:	0 to 20 mmHg.		
9.6-4	Flow rate :	50ml/min.		
10	Life Span for Machine:	10 Years		
11	Maintenance:			
11.1		2 Years Free Maintenace.		
11.2		Service Manual and Operation Manual {Hardcopy & Softcopy}		
11.3		Application Software and Interface Connection Included.		
11.4		Spare Parts list with code NO		
12	Required Accessories:	1 1 2 2 5 1 1 1 2 5 6 6 1 1 1 1 2		
12.1		1 X 3/5 Leads wire ECG cable Adult.		
12.2		1 X 3/5 Leads wire ECG cable Pediatric.		
12.3		1 X NIBP reusable cuff large Adult		
12.4 12.5		1 X NIBP reusable cuff pediatric 1 X NIBP reusable cuff Infant		
12.5		1 X NIBP reusable curr inrant 1 X NIBP connection hoses		
12.7		1 X SPO2 reusable finger probe + Extension cable adult.		
12.7		1 X Temperature reusable sensor skin type for , pediatric and Infant		
12.9		1 X EtCO2 module with all accessories. (Cable-Sensor)		
12.10		1 X Original Holder In The Wall		
12.11		Operation Manual		
12.12		Service Manual		
12.13		Spare parts list with code NO.		
13	Training:	Users /Nurses and Biomedical Engineers Training, by Specialist from		
		the Supplier.		
14	Power Supply:	100 to 240 V ±10%, 50 Hz.		
14.1	Internal back-up battery	Operating time, hr : ≥2		









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
15	Other Specification:	Please Specify Other Specifications.	Didders Offer	Tiotes
			عملیات کبری	italia
GWQ-6	Item Description	Operating Table "Major"	. حمیات جبری	صاوت
	Qty			
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	Operating Table type:	Electric Or Hydrolic		
7	Maximum weight capacity, kg:	Static: 200-250 Articulated: ≥220		
8	Table Positions:	Specify		
	Degrees From Horizontal:	Specify		
9	Trendelenburg:	≥35		
10	Reverse Trendelenburg:	≥30		
11	Lateral tilt:	≥25		
11	Vertical range, cm:	60-100 height-adjustable		
12	Table Section:	≥5		
13	Number of Core Sections:	≥3		
13	Degrees from Horizontal:	Specify		
14	Back Section:	70 to30		
15	Foot/leg Section:	20 to 90		
	Head Section:	45to85		
16	Controls:	Hand or foot and Remote Control		
17	Siderail:	Including.		
	C-arm accessible:	Including.		
18	Base attachment:	Including.		
19	Conductive Contage	Including.		
20	Conductive Casters:	Including.		
20 21	Caster Lock:	Including. 7 Years		
21.1	Life Span for Machine: Maintenance:	/ Teals		
21.1	maintenance.	1 Year Free Maintenace.		
21.3		Service Manual and Operation Manual {Hardcopy & Softcopy}		
21.4		Application Software and Interface Connection Included.		
21.5		Spare Parts list with code NO		
22	Accessories:			
23.1		Anesthesia screen L type with clamp 1 piece		
23.2		Leg Support with clamp 2 pieces		
23.3		Arm Support with clamp 2 pieces		









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

No. Technical Specifications Bidders Offer Notes			وريد لتجهيز وتاثيث قسم طوارئ الولادة بمستشفى رأس العارة - مديرية العارة		
23.5 Ye of 1 et adiasable height with champ 23.6 Strudder not stapper with park 2 piece. 23.7 Strudder not stapper with park 2 piece. 23.8 Clest & ends support 24 Maintenance: 2 years free maintenance. 25 Other Specification: Piece Specify Other Specifications. 2 years free maintenance. 25 Other Specification: Piece Specify Other Specifications. 2 years free maintenance. 3 years free maintenance. 4 years fr	No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
Shoulder nar./ aupport with pad. 2 pieces	23.4		Body Support 1 piece		
Pear Specify Country of Chips of the Offices Logiqueent Pear Specify Manufacturary Country of Country of Criffications Pear Specify Manufacturary Pear	23.5		IV rod, 1 set, adjustable height with clamp		
23.8 Maintenance: 2 years fee amintenance.	23.6		Shoulder rest / support with pad, 2 pieces		
24 Maintenance: 2 years free maintenance.	23.7		Head Plate 1 piece		
Please Specify Other Specifications Please Specify Other Specifications Other Specifi	23.8		Chest & waist support		
Second	24	Maintenance:	2 years free maintenance.		
No. Technical Specifications Manufacturer : Please Specify Manufacturer Name.	25	Other Specification:	Please Specify Other Specifications.		
No. Technical Specifications Please Specify Manufacturer Name.	GWQ-7	Item Description	Defibrillator With ECG Monitor	صدمات كهربائية	جهاز ه
1 Manufacturer: Please Specify Manufacturer Name. 2 Model Number: Please Specify Manufacturer Name. 3 Country Of origin: Please Specify Country of Origin of The Offered Equipment. 4 Safety Standard: PDA Certificate Or CF 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 ledagae current, protection against electric shocks: class I. Materior firest. 5 General Specification: Protection against ledagae current, protection against electric shocks: class I. Materior firest. 5.1 Designed: Heavy duty Designed, New Model. 5.2 The machine shuft for if latest model and must have lattest technology. 5.3 Quality: High Quality, Safety, Ease of Use Company. 6 Defibrillator: Company. 6 Defibrillator: Defibrillator: Defibrillator: Defibrillator: 7.1 Output Energy Range: S-260 Or Better; to be selected through not less than 10 steps. 7.2 Internal Discharge: Included. 7.3 Charging Trigger: On paddles. 7.4 Synchronizer: Included. 7.5 Max. Energy Charge Time: Max. 10 sec. 7.6 Operation Modes: Sync., Async. 7.7 Discharge Test: Included. 7.8 Charging Indication: Audio and visual 8.1 Display: I. Closs small and Colf. with a size of min. 5" Or Better 8.2 Display: I. Closs small and colf with a size of min. 5" Or Better 8.3 ECG Monitor: Learner Max. 10 sec. 8.4 Inv Cal. Signal: Included 8.5 Heart Rate Range: Manually selected, paddles, leads 8.6 ECG Source: Manually selected, paddles, leads 8.7 Heart Rate Range: Max. 10 sec. 8.8 ECG Gain: 5, 10, 20 mm/uv 9 Recorder: 9.9 Speed: Adjustment 5, 25 mm/swe.		Qty	3		
Manufacturer: Please Specify Manufacturer Name.	No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
3 Country Of Origin: Please Specify Country of Origin of The Offered Equipment. 4 Safety Standard: 4.1 FDA Certificate Or CE Mark: 1 If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either: 5 Genaral Specification: 1. Protection against leakage current, protection against electric shocks: class. I Waterproofness. 5.1 Designed: 1. Heavy duty Designed, New Model. 5.2 The unit shall be safe to use both for -the operator and the patient. Class class. I Waterproofness. 5.1 Designed: 1. Heavy duty Designed, New Model. 5.2 The machine shall be of Laten model and must have lattest technology 1. High Quality. Safety, Ease of Use 1. Designed to be a Certifical Distributor or Agent of the Company. 6 Defibrillator Technology: 1. Biphasic 6 Defibrillator Technology: 1. Biphasic 7 Defibrillator i: 7.1 Output Energy Range: 5-260/ Or Better, to be selected through not less than 10 steps 7.2 Internal Discharge: Included 7.4 Synchronizer: Included 7.4 Synchronizer: Included 7.5 Max. Energy Charge Time: Max. 10 sec. 7.6 Operation Modes: Sync., Async. 7.7 Discharge Test: Included 7.8 Charging Indication: Auto and visual 7.9 AED: With Automated Fatermal Defibrillation (A.F.D.) Mode with it's connections & Electrode . 8.1 Displaye Loco or similar not CRT with a size of min. 5" Or Better 8.2 Displayed Information: Manually selected, paddles, leads 8.3 ECG Source: Manually selected, paddles, leads 8.4 I I TV Cal. Signal: Included 8.5 Heart Rate Range: Included 8.6 ECG Gain: 5.10, 20 mm/mV 8.7 Heart Beat Indicator: Auto and visual 8.8 ECG Gain: 5.10, 20 mm/mV 8.7 Heart Beat Indicator: Auto and visual 9.1 Type: Built in themal head primer 9.2 Speed: Adjussment 5-2 Speed: Adjussment 5-	1	Manufacturer :	Please Specify Manufacturer Name.		
3 Country Of Origin: Please Specify Country of Origin of The Offered Equipment. 4 Safety Standard: 4.1 FDA Certificate Or CE Mark: 1 If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either: 5 Genaral Specification: 1. Protection against leakage current, protection against electric shocks: class. I Waterproofness. 5.1 Designed: 1. Heavy duty Designed, New Model. 5.2 The unit shall be safe to use both for -the operator and the patient. Class class. I Waterproofness. 5.1 Designed: 1. Heavy duty Designed, New Model. 5.2 The machine shall be of Laten model and must have lattest technology 1. High Quality. Safety, Ease of Use 1. Designed to be a Certifical Distributor or Agent of the Company. 6 Defibrillator Technology: 1. Biphasic 6 Defibrillator Technology: 1. Biphasic 7 Defibrillator i: 7.1 Output Energy Range: 5-260/ Or Better, to be selected through not less than 10 steps 7.2 Internal Discharge: Included 7.4 Synchronizer: Included 7.4 Synchronizer: Included 7.5 Max. Energy Charge Time: Max. 10 sec. 7.6 Operation Modes: Sync., Async. 7.7 Discharge Test: Included 7.8 Charging Indication: Auto and visual 7.9 AED: With Automated Fatermal Defibrillation (A.F.D.) Mode with it's connections & Electrode . 8.1 Displaye Loco or similar not CRT with a size of min. 5" Or Better 8.2 Displayed Information: Manually selected, paddles, leads 8.3 ECG Source: Manually selected, paddles, leads 8.4 I I TV Cal. Signal: Included 8.5 Heart Rate Range: Included 8.6 ECG Gain: 5.10, 20 mm/mV 8.7 Heart Beat Indicator: Auto and visual 8.8 ECG Gain: 5.10, 20 mm/mV 8.7 Heart Beat Indicator: Auto and visual 9.1 Type: Built in themal head primer 9.2 Speed: Adjussment 5-2 Speed: Adjussment 5-	2	Model Number:	Please Specify Model Number of The Offered Equipment.		
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: a.s. I. Waterproducts. 5.1 Designed: Fleavy duty Designed, New Model. 5.2 The machine shuld be of latest model and must have lattest technology Help Quality: Fleavy duty Designed, New Model. 5.2 The machine shuld be of latest model and must have lattest technology Help Quality, Safety, Ease of Use Bupplier is required to be a Certifical Distributor or Agent of the Company. 6 Defibrillator: 7 Defibrillator: 8 Defibrillator: 9 Defibrillator:					
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. 1. Protection against leakage current, protection against electric shocks: class 1. Waterproforess. 5.1 Designed: Bleavy duty Designed, New Model. The minishall be safe to use both for -the operator and the patient. Class. 1. Protection against leakage current, protection against electric shocks: class 1. Waterproforess. 5.2 The machine should be of largest model and must have lattest technology 1. High Quality. Materproforess. 5.3 Quality: High Quality, Safety, Ease of Use the Supplier is required to be a Certified Distributor or Agent of the Company. 6 Defibrillator Technology: 7. Defibrillator: 7. Defibrillator: 7. Output Energy Range: 7. Justine Program of the Company. Specification: 7. District Energy Range: 7. District Energy Range: 7. District Energy Charge Time: 7. Max. Energy Charge Time: 8. Discharge Test: 1. Included 1. Charging Indication: 8. ECG Monitor: 9. Justine Program of the Company of the Compensions & Electrode 8. ECG Source: 9. Marmally selected, paddles, leads 9. Recorder: 9. Material Read Indicator: 9. Audio and visual 9. Recorder: 9. Heart Reade: 9. Speed: 9. Audio and visual 9. Recorder: 9. Speed: 9. Audio and visual					
If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either:			Required Certificates		
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, Waterproofness). 5.1 Designed: Heavy duty Designed. New Model. 5.2 The machine shald be of latest model and must have lattest technology the Supplier of Company. 5.3 Quality: High Quality, Safety, Fase of Use the Supplier is required to be a Certified Distributor or Agent of the Company. 6 Defibrillator Technology: Biphasic 7 Defibrillator Technology: Biphasic 7.1 Output Energy Range: 5.2601 Or Better, to be selected through not less than 10 steps. 7.1 Internal Discharge: Included 1. Included 1. Included 1. Synchronizer: Max. Energy Charge Time: Max. Io see. 7.6 Operation Modes: Sync., Async. 7.7 Discharge Test: Included 7.8 Charging Indication: Audio and visual 7.9 AED: Connections & Effectivede. 8. ECG Monitor: 8. ECG Monitor: Beart Rate Range: Heart rate , ECG waveform , ECG source , output energy selected and delivered delivered beart of the class o					
Australia. Canada. Europe Union. Japan, USA And UK. Fither: The unit shall be safe to use both for -the operator and the patient. Class					
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.	4.2		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. Waterprofinessl. 5.1 Designed: Heavy duty Designed, New Model. 5.2 The machine shall be to I latest model and must have lattest technology to the supplier is required to be a Certified Distributor or Agent of the Company. 6 Defibrillator Technology: Biphasic Bincluded Bischarge: Included Bischarge: Biphasic Biphasic Biphasic Bincluded Bischarge: Biphasic Biphas					
Section Comment Comm			The unit shall be safe to use both for -the operator and the patient. Class		
class Materproofness .	5	Genaral Specification:	<u> </u>		
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 Expipier is required to be a Certified Distributor or Agent of the Company. 6 Defibrillator Technology: Biphasic 7 Defibrillator:		•	class I, Waterproofnessl.		
5.3 Quality: High Quality, Ease of Use the Supplier is required to be a Certified Distributor or Agent of the Company. 6 Defibrillator Technology: Biphasic 7 Defibrillator: 5.2601 Or Better , to be selected through not less than 10 steps 1.1 Output Energy Range: 5.2601 Or Better , to be selected through not less than 10 steps 1.2 Internal Discharge: Included 1.3 Charging Trigger: On paddles 1.4 Synchronizer: Included 1.5 Max. Energy Charge Time: Max. 10 sec. 1.6 Operation Modes: Sync. , Async. 1.7. Discharge Test: Included 1.7.5 Max Energy Charge Time: Max. 10 sec. 1.7.6 Operation Modes: Sync. , Async. 1.7.7 Discharge Test: Included 1.7.8 Charging Indication: Audio and visual 1.7.9 AED: With Automated External Defibrillation (A.E.D.) Mode with it's connections & Electrode . 1.8.1 Display: LCD or similar not CRT with a size of min. 5" Or Better 1.8.2 Displayed Information: delivered delivered delivered delivered delivered delivered delivered delivered Heart rate , ECG waveform , ECG source , output energy selected and delivered delivered limits 1.11, 111 1.11, 111 1.11, 111 1.12, 111 1.13, 111 1.14, 111 1.15, 111 1.15, 111 1.17,	5.1	Designed:	Heavy duty Designed, New Model.		
the Supplier	5.2		The machine shuld be of latest model and must have lattest technology		
5.4 Suppler Company. 6 Defibrillator Technology: Biphasic 7 Defibrillator: 7.1 Output Energy Range: 5-260J Or Better, to be selected through not less than 10 steps 7.2 Internal Discharge: Included 7.3 Charging Trigger: On paddles 7.4 Synchronizer: Included 7.5 Max. Energy Charge Time: Max. 10 sec. 7.6 Operation Modes: Sync., Async. 7.7 Discharge Test: Included 7.8 Charging Indication: Audio and visual 7.9 AED: With Automated External Defibrillation (A.E.D.) Mode with it's connections & Efectrode. 8.1 Display: LCD or similar not CRT with a size of min. 5" Or Better 8.2 Displayed Information: delivered Manually selected, paddles, leads 8.3.1 Inv Cal. Signal: Included 8.5 Heart Rate Range: S0-250bpm with audio and visual alarm with selected High and Low limits 8.6 ECG Gain: 5, 10, 20 mm/mV 8.7 Heart Beat Indicator: Audio and visual 9 Recorder: 9.1 Type: Built internal head printer 9.2 Speed: Adjustment 5 -25 mm/sec.	5.3	Quality:	High Quality, Safety, Ease of Use		
6 Defibrillator Technology: Biphasic 7 Defibrillator: 7.1 Output Energy Range: 5-260I Or Better, to be selected through not less than 10 steps 7.2 Internal Discharge: Included 7.3 Charging Trigger: On paddles 7.4 Synchronizer: Included 7.5 Max. Energy Charge Time: Max. 10 sec. 7.6 Operation Modes: Sync., Async. 7.7 Discharge Test: Included 7.8 Charging Indication: Audio and visual 7.9 AED: With Automated External Defibrillation (A.E.D.) Mode with it's connections & Electrode. 8 ECG Monitor: 8 ECG Monitor: 8.1 Display: L.CD or similar not CRT with a size of min. 5" Or Better 8.2 Displayed Information: Heart rate, ECG waveform, ECG source, output energy selected and delivered delivered delivered 8.3.1 In W Cal. Signal: Included 8.4 In W Cal. Signal: Included 8.5 Heart Rate Range: 30-250bpm with audio and visual alarm with selected High and Low limits 8.6 ECG Gain: 5, 10, 20 mm/mV 8.7 Heart Beat Indicator: Audio and visual 9 Recorder: 9,1 Type: Built in thermal head printer 9,2 Speed: Adjustment 5 - 25 mm/sec. Auto & Manual	5.4	Supplier			
7 Defibrillator: 7.1 Output Energy Range: 5-260J Or Better, to be selected through not less than 10 steps 1.1 Internal Discharge: Included 7.2 Internal Discharge: Included 7.3 Charging Trigger: On paddles 7.4 Synchronizer: Included 7.5 Max. Energy Charge Time: Max. 10 sec. 7.6 Operation Modes: Sync, Async. 7.7 Discharge Test: Included 7.8 Charging Indication: Audio and visual 7.9 AED: With Automated External Defibrillation (A.E.D.) Mode with it's connections & Electrode. 8.1 Display: LCD or similar not CRT with a size of min. 5" Or Better 8.2 Displayed Information: Heart rate, ECG waveform, ECG source, output energy selected and delivered delivered delivered delivered 8.3 ECG Source: Manually selected, paddles, leads 8.3.1 Included 8.5 Heart Rate Range: Included 8.6 ECG Gain: 5, 10, 20 mm/mV 8.7 Heart Beat Indicator: Audio and visual 9 Recorder: 9.1 Type: Built in thermal head printer 9.2 Speed: Adjustment 5 - 25 mm/sec. Auto & Manual			î v		
7.1 Output Energy Range: 5-260J Or Better , to be selected through not less than 10 steps 7.2 Internal Discharge: Included 7.3 Charging Trigger: On paddles 7.4 Synchronizer: Included 7.5 Max. Energy Charge Time: Max. 10 sec. 7.6 Operation Modes: Sync. , Async. 7.7 Discharge Test: Included 7.8 Charging Indication: Audio and visual 7.9 AED: With Automated External Defibrillation (A.E.D.) Mode with it's connections & Electrode . 8 ECG Monitor: Connections & Electrode . 8.1 Displaye: LCD or similar not CRT with a size of min. 5" Or Better 8.2 Displayed Information: Heart rate , ECG waveform , ECG source , output energy selected and delivered delivered delivered 8.3.1 ECG Source: Manually selected , paddles , leads 8.3.1 In Included 8.4 I mV Cal. Signal: Included 8.5 Heart Rate Range: 30-250 ppm with audio and visual alarm with selected High and Low limits 1 Included 8.6 ECG Gain: 5 , 10 , 20 mm/mV 8.7 Heart Beat Indicator: Audio and visual 9 Recorder: 9 Recorder: 9 PRecorder: 9 Speed: Adjustment 5 - 25 mm/sec.			Biphasic		
7.2 Internal Discharge: Included 7.3 Charging Trigger: On paddles 7.4 Synchronizer: Included 7.5 Max. Energy Charge Time: Max. 10 sec. 7.6 Operation Modes: Sync., Async. 7.7 Discharge Test: Included 7.8 Charging Indication: Audio and visual 7.9 AED: With Automated External Defibrillation (A.E.D.) Mode with it's connections & Electrode. 8 ECG Monitor: Included 8.1 Display: LCD or similar not CRT with a size of min. 5" Or Better 8.2 Displayed Information: Heart rate , ECG waveform , ECG source , output energy selected and delivered delivered 8.3.1 I, II, III 8.4 I mV Cal. Signal: Included 8.5 Heart Rate Range: 30-250bpm with audio and visual alarm with selected High and Low limits 8.6 ECG Gain: 5 , 10 , 20 mm/mV 8.7 Heart Beat Indicator: Audio and visual 9 Recorder: Built in thermal head printer 9.2 Speed:					
7.3 Charging Trigger: On paddles 7.4 Synchronizer: Included 7.5 Max. Energy Charge Time: Max. 10 sec. 7.6 Operation Modes: Sync., Async. 7.7 Discharge Test: Included 7.8 Charging Indication: Audio and visual 7.9 AED: With Automated External Defibrillation (A.E.D.) Mode with it's connections & Electrode. 8 ECG Monitor: Charging Indication: 8.1 Display: LCD or similar not CRT with a size of min. 5" Or Better 8.2 Displayed Information: Heart rate , ECG waveform , ECG source , output energy selected and delivered delivered 8.3.1 I. II. III Included 8.4 I mV Cal. Signal: Included 8.5 Heart Rate Range: 30-250bpm with audio and visual alarm with selected High and Low limits 8.6 ECG Gain: 5 , 10 , 20 mm/mV 8.7 Heart Beat Indicator: Audio and visual 9.1 Type: Built in thermal head printer 9.2 Speed: Adjustment 5 - 25 mm/sec. 9.3 </th <td></td> <td></td> <td></td> <td></td> <td></td>					
7.4 Synchronizer: Included 7.5 Max. Energy Charge Time: Max. 10 sec. 7.6 Operation Modes: Sync., Async. 7.7 Discharge Test: Included 7.8 Charging Indication: Audio and visual 7.9 AED: With Automated External Defibrillation (A.E.D.) Mode with it's connections & Electrode. 8 ECG Monitor: Chor similar not CRT with a size of min. 5" Or Better 8.1 Display: LCD or similar not CRT with a size of min. 5" Or Better 8.2 Displayed Information: Heart rate , ECG waveform , ECG source , output energy selected and delivered 8.3 ECG Source: Manually selected , paddles , leads 8.3.1 I, II, III 8.4 I mV Cal. Signal: Included 8.5 Heart Rate Range: 30-250bpm with audio and visual alarm with selected High and Low limits 8.6 ECG Gain: 5 , 10 , 20 mm/mV 8.7 Heart Beat Indicator: Audio and visual 9 Recorder: 9.1 9.1 Type: Built in thermal head printer 9.2					
7.5 Max. Energy Charge Time: Max. 10 sec. 7.6 Operation Modes: Sync., Async. 7.7 Discharge Test: Included 7.8 Charging Indication: Audio and visual 7.9 AED: With Automated External Defibrillation (A.E.D.) Mode with it's connections & Electrode. 8 ECG Monitor: Connections & Electrode. 8.1 Display: LCD or similar not CRT with a size of min. 5" Or Better 8.2 Displayed Information: Heart rate , ECG waveform , ECG source , output energy selected and delivered 8.3.1 ECG Source: Manually selected , paddles , leads 8.3.1 I mV Cal. Signal: Included 8.5 Heart Rate Range: 30-250bpm with audio and visual alarm with selected High and Low limits 8.6 ECG Gain: 5 , 10 , 20 mm/mV 8.7 Heart Beat Indicator: Audio and visual 9 Recorder: 9 9.1 Type: Built in thermal head printer 9.2 Speed: Adjustment 5 - 25 mm/sec. 9.3 Modes:					
7.6 Operation Modes: Sync., Async. 7.7 Discharge Test: Included 7.8 Charging Indication: Audio and visual 7.9 AED: With Automated External Defibrillation (A.E.D.) Mode with it's connections & Electrode. 8 ECG Monitor: Included 8.1 Display: LCD or similar not CRT with a size of min. 5" Or Better 8.2 Displayed Information: Heart rate , ECG waveform , ECG source , output energy selected and delivered delivered 8.3 ECG Source: Manually selected , paddles , leads 8.3.1 Included 8.4 I mV Cal. Signal: Included 8.5 Heart Rate Range: 30-250bpm with audio and visual alarm with selected High and Low limits 8.6 ECG Gain: 5 , 10 , 20 mm/mV 8.7 Heart Beat Indicator: Audio and visual 9 Recorder: 9.1 Type: Built in thermal head printer 9.2 Speed: Adjustment 5 - 25 mm/sec. 9.3 Modes: Auto & Manual					
7.7 Discharge Test: Included 7.8 Charging Indication: Audio and visual 7.9 AED: With Automated External Defibrillation (A.E.D.) Mode with it's connections & Electrode. 8 ECG Monitor: 8.1 Display: LCD or similar not CRT with a size of min. 5" Or Better 8.2 Displayed Information: Heart rate, ECG waveform, ECG source, output energy selected and delivered delivered 8.3 ECG Source: Manually selected, paddles, leads 8.3.1 In Uncluded 8.4 In W Cal. Signal: Included 8.5 Heart Rate Range: Source: John with audio and visual alarm with selected High and Low limits 8.6 ECG Gain: 5, 10, 20 mm/mV 8.7 Heart Beat Indicator: Audio and visual 9 Recorder: John Modes: Built in thermal head printer 9.2 Speed: Adjustment 5 - 25 mm/sec. 9.3 Modes: Auto & Manual					
7.8 Charging Indication: Audio and visual 7.9 AED: With Automated External Defibrillation (A.E.D) Mode with it's connections & Electrode . 8 ECG Monitor:		-			
7.9 AED: With Automated External Defibrillation (A.E.D.) Mode with it's connections & Electrode. 8 ECG Monitor: 8.1 Display: LCD or similar not CRT with a size of min. 5" Or Better 8.2 Displayed Information: Heart rate, ECG waveform, ECG source, output energy selected and delivered 8.3 ECG Source: Manually selected, paddles, leads 1, II, III 8.4 I mV Cal. Signal: Included 8.5 Heart Rate Range: Included 8.6 ECG Gain: 5, 10, 20 mm/mV 8.7 Heart Beat Indicator: Audio and visual 9 Recorder: 9.1 Type: Built in thermal head printer 9.2 Speed: Adjustment 5 - 25 mm/sec. 9.3 Modes: Auto & Manual					
8 ECG Monitor: 8.1 Display: LCD or similar not CRT with a size of min. 5" Or Better B.2 Displayed Information: Heart rate , ECG waveform , ECG source , output energy selected and delivered 8.3 ECG Source: Manually selected , paddles , leads 1, 11, 111 8.4 1 mV Cal. Signal: Included 8.5 Heart Rate Range: See CG Gain: 5, 10, 20 mm/mV 8.7 Heart Beat Indicator: Audio and visual 9 Recorder: 9.1 Type: Built in thermal head printer 9.2 Speed: Adjustment 5 - 25 mm/sec. Auto & Manual	7.8	Charging Indication:			
8.1 Display: LCD or similar not CRT with a size of min. 5" Or Better 8.2 Displayed Information: Heart rate , ECG waveform , ECG source , output energy selected and delivered 8.3 ECG Source: Manually selected , paddles , leads 8.3.1 I, II , III 8.4 I mV Cal. Signal: Included 8.5 Heart Rate Range: Jo-250bpm with audio and visual alarm with selected High and Low limits 8.6 ECG Gain: Jo-250bpm with audio and visual alarm with selected High and Low limits 8.7 Heart Beat Indicator: Audio and visual 9 Recorder: 9.1 Type: Built in thermal head printer 9.2 Speed: Adjustment 5 - 25 mm/sec. 9.3 Modes: Auto & Manual	7.9	AED:	` '		
8.1 Display: B.2 Displayed Information: Heart rate , ECG waveform , ECG source , output energy selected and delivered B.3 ECG Source: Manually selected , paddles , leads I, II, III B.4 I mV Cal. Signal: Included B.5 Heart Rate Range: Jo-250bpm with audio and visual alarm with selected High and Low limits B.6 ECG Gain: Jo-200 mm/mV R.7 Heart Beat Indicator: Audio and visual PRecorder: Jo-200 mm/mV Built in thermal head printer Built in thermal head printer Adjustment 5 - 25 mm/sec. Auto & Manual	8	ECG Monitor:	- Competitions & Literature .		
8.2 Displayed Information: 8.3 ECG Source: Manually selected, paddles, leads 8.3.1 InV Cal. Signal: Included 8.5 Heart Rate Range: 30-250bpm with audio and visual alarm with selected High and Low limits 8.6 ECG Gain: 5, 10, 20 mm/mV 8.7 Heart Beat Indicator: Audio and visual 9 Recorder: Patient Built in thermal head printer 9.1 Type: Built in thermal head printer 9.2 Speed: Adjustment 5 - 25 mm/sec. 9.3 Modes: Auto & Manual			LCD or similar not CRT with a size of min. 5" Or Better		
8.2 Displayed Information: delivered delivered					
8.3.1 I, II, III Included 8.4 1 mV Cal. Signal: Included 8.5 Heart Rate Range: 30-250bpm with audio and visual alarm with selected High and Low limits 8.6 ECG Gain: 5, 10, 20 mm/mV 8.7 Heart Beat Indicator: Audio and visual 9 Recorder: 9.1 9.1 Type: Built in thermal head printer 9.2 Speed: Adjustment 5 - 25 mm/sec. 9.3 Modes: Auto & Manual	8.2	Displayed Information:			
8.4 1 mV Cal. Signal: Included 8.5 Heart Rate Range: 30-250bpm with audio and visual alarm with selected High and Low limits 8.6 ECG Gain: 5 , 10 , 20 mm/mV 8.7 Heart Beat Indicator: Audio and visual 9 Recorder: 9.1 Type: Built in thermal head printer 9.2 Speed: Adjustment 5 - 25 mm/sec. 9.3 Modes: Auto & Manual	8.3	ECG Source:	Manually selected, paddles, leads		
8.5 Heart Rate Range: 30-250bpm with audio and visual alarm with selected High and Low limits \$\text{8.6}\$ ECG Gain: 5, 10, 20 mm/mV \$\text{8.7}\$ \$\text{Heart Beat Indicator:} Audio and visual \$\text{9}\$ \$\text{Recorder:} \$\text{9.1}\$ \$\text{Type:} \$\text{Built in thermal head printer} \$\text{9.2}\$ \$\text{Speed:} \$\text{Adjustment 5 - 25 mm/sec.} \$\text{9.3}\$ \$\text{Modes:} \$\text{Auto & Manual}\$ \$\text{9.5}\$	8.3.1		I, II, III		
S.5 Heart Rate Range: limits	8.4	1 mV Cal. Signal:	Included		
8.7Heart Beat Indicator:Audio and visual9Recorder:Image: Recorder:9.1Type: Speed: Adjustment 5 - 25 mm/sec.9.2Speed: Auto & Manual	8.5	Heart Rate Range:	_		
9 Recorder: Built in thermal head printer 9.1 Type: Built in thermal head printer 9.2 Speed: Adjustment 5 - 25 mm/sec. 9.3 Modes: Auto & Manual	8.6	ECG Gain:	5 , 10 , 20 mm/mV		
9.1Type:Built in thermal head printer9.2Speed:Adjustment 5 - 25 mm/sec.9.3Modes:Auto & Manual	8.7	Heart Beat Indicator:	Audio and visual		
9.1Type:Built in thermal head printer9.2Speed:Adjustment 5 - 25 mm/sec.9.3Modes:Auto & Manual	9	Recorder:			
9.2 Speed: Adjustment 5 - 25 mm/sec. 9.3 Modes: Auto & Manual	9.1		Built in thermal head printer		
9.3 Modes: Auto & Manual	9.2		Adjustment 5 - 25 mm/sec.		
	9.3	<u> </u>	Auto & Manual		
			10 Years		









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
11	Maintenance:	•		
11.1		2 Years Free Maintenace.		
11.2		Service Manual and Operation Manual {Hardcopy & Softcopy}		
11.3		Application Software and Interface Connection Included.		
11.4		Spare Parts list with code NO		
12	Accessories:			
12.1	Trolley	High quality trolley on 4 castors, 2 with brakes with drawer for the		
	, , , , , , , , , , , , , , , , , , ,	accessories		
12.1	Paddles:	External for Adult & Pediatric		
12.2.1	ECG Cable:	1 X 3/5 Lead wire cable for adult		
12.2.2		1 X 3/5 Lead wire cable for pediatric		
12.3	All other needed accessories	Included (3 Roll Paper)		
13	Power Supply:	100 to 240 V $\sim \pm 10\%$, 50/60 Hz Single phase		
14	Rechargeable Battery:	Rechargeable battery with built in charger with indicators for charging and low battery		
15	Battery:	At Least 2 Hrs.		
16	Other Specification:	Please Specify Other Specifications.		
GWQ-8	Item Description	Oxygen Concentrator	ليد أوكسجين طبي	مة تاه
GWQ-8	•		بيت (وعنجين عبي	5) 6 .
	Qty	4		
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		
	If The Machine Have CE			
4.2	Certificate Product Needs To	Australia, Canada, Europe Union, Japan, USA And UK.		
1.2	Have Market Clearance For	Prastrana, Canada, Barope Cinon, Japan, Corrina Cir.		
	Either:			
_		The unit shall be safe to use both for -the operator and the patient. Class		
5	Genaral Specification:	I, Protection against leakage current, protection against electric shocks: class I, Waterproofnessl.		
5.1	Designed:	Heavy duty designed, new Model.		
5.2	Designed.	The machine shuld be of latest model and must have lattest technology		
5.3	Quality:	high quality, Safety, Ease of Use		
	-	the supplier is required to be a certified distributor or agent of the		
5.4	Supplier	company.		
6		The Oxygen Concentrator shall feature a One head Compressor.		
6.1	Producing. Capacity:	1 to 5 l/Mn of O2 at 93% minimum at maximum flow		
6.2	Purity:	93+/- 3% ,		
6.3	Outlet pressure (Mpa):	At least 0.02-0.08		
6.4		Pressure-compensated Flowmeter shall permit use of long canula while		
		maintaining		
6.5	Cofoty Alamas	accurate flow setting.		
7	Safety Alarms:	Audible and visual		
7.1		Power Failure. Restricted Flow.		
7.2		Low O2.		
8		Pressure-relief Valve and thermal protection of the Compressor		
9		Double-insulated Unit, Two-prong plug		
10		Flame-retardant Cabinet		
11	Sound Level (ANSI):	40 dB average		
	Double Devel (111101).	Fixed humidifer Port and Recess shall prevent bottle and connector		
11.1		breakage		
12	Life Span for Machine:	10 Years		
13	Maintenance:			









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

		وريد لنجهيز ونانيت فسم طوارئ الولاده بمستشفى راس العاره - مديريه العاره		
No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
13.1		2 Years Free Maintenace.		
13.2		Service Manual and Operation Manual {Hardcopy & Softcopy}		
13.3		Spare Parts list with code NO		
14	Accessories :			
14.1		O2 Tubing.		
14.2		3 X Face Masks (Adult , Infant , New Born).		
14.3		Humidifier.		
14.4		Set of Filters		
15	Maintenance:			
15.1		2 years free maintenace,		
15.2		Service manual operation manual spare parts list with code NO.		
16	Power Supply:	100 to 240 V ±10%, 50 Hz,		
17	Other Specification:	Please Specify Other Specifications.		
GWQ-9	Item Description	Ultrasonic Nebulizer Portable	بير الرذاذ محمول	جهاز تبذ
	Qty	4		
No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
1	Manufacturer:	Please Specify Manufacturer Name.	Did Gilli	1,000
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 officed Equipment.		
4.1	FDA Certificate Or CE Mark:	Required Certificates		
	If The Machine Have CE	Trequired certainedies		
	Certificate Product Needs To			
4.2	Have Market Clearance For	Australia, Canada, Europe Union, Japan, USA and UK		
	Either:			
	Either.	The unit shall be safe to use both for -the operator and the patient. Class		
5	Genaral Specification:	I, Protection against leakage current, protection against electric shocks:		
	F	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	Nebulizing rate, mL/min:			
6.1		5mI / min At Least.		
6.2		Medical fluid chamber capacity = 250cc, medication cup 50cc.		
6.3		Nebulizing timer: 0 - 30 minutes & continuous.		
6.4	A1	Crystal operating frequency: 1.7 Mhz		
7	Alarms:	December 1		
7.1		Door open.		
7.2		Occlusion.		
7.3	Trunca	Low voltage.		
8	Type:	Portable 0.1.0 hor		
9	Operating pressure	0-1.0 bar.		
10	Noise level:	Please specify.		
11	Max. Pressure:	Please specify. Recommended spare parts list with price and validity must be provided		
12	Spare Parts:	along with the offer (Mandatory).		
13	Life Span for Machine:	10 Years		
	•	Users /Nurses and Biomedical Engineers Training, by Specialist from		
14	Training:	the Supplier.		
15	Maintenance:			
15.1		2 Years Free Maintenace.		
15.2		Service Manual and Operation Manual {Hardcopy & Softcopy}		
15.3		Application Software and Interface Connection Included.		









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

N		ورید تنجهیر و تانیت فقتم طواری انودده بمستشکی راش انجاره – مدیریه انجاره		Notos
No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
15.4		Spare Parts list with code No		
16	All standard accessories	All accessories (filters, tubings, face mask (Adult,Pediatric,Infant, etc.)		
17	Power supply:	$100 \text{ to } 240 \text{ V} \sim \pm 10\%, 50/60 \text{ Hz}.$		
18	Battery:	At Least 2 Hrs		
19	Other Specification:	Please Specify Other Specifications.		
GWQ-10	Item Description	Minor Instrument Set (Large)	بات جراحية صغرى	طقم عملي
	Qty	1		
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		
	If The Machine Have CE			
	Certificate Product Needs To			
4.2	Have Market Clearance For	Australia, Canada, Europe Union, Japan, USA and UK		
	Either:			
5	Genaral Specification:	The unit shall be safe to use		
5.1	Designed:	Heavy duty designed.		
5.2	Quality:	High Quality		
6	Material:	304 Stainless Seel Or Better		
7	Each Set Contents of :	30 i Builliess Seef of Better		
7.1	Each Set Contents of .	3 X Bowl Lotion 250 mm		
7.2		3 X Gallipot/Cup S/S 180 ml		
7.3		3 X Gallipot/Cup S/S 250 ml		
7.4		2 X Tray Kidney shape with Lid S/S 200 X 30 mm		
7.5		2 X Tray Kidney shape with Lid S/S 300 X 50 mm		
7.6		4 X Forceps Artery Dunhill CO Flat 125 mm		
7.7		6 X Fc Artery Halsted Mosquito CO Flat 120 mm		
7.8		6 X Fc Artery Halsted Mosquito Straight 120 mm		
7.9		6 X Forceps Artery Kocher's Curved 180 mm		
7.1		6 X Forceps Artery Kocher's Straight 180 mm		
7.11		1 X Forceps Dissecting Plain serrated jaws S/S 150 mm		
7.12		1 X Forceps Dissecting Treves, 1x2 Teeth 150 mm		
7.13		4 X Forceps tissue Alli's straight 4 in 5 teeth 150 mm		
7.14		2 X Forceps tissue Little wood 2x3 Teeth 190 mm		
7.15		6 X Forceps Towel Holding cross Action S/S 100mm		
7.16		4 X Forceps Towel Moynihan, Double Teeth (bj) 190mm		
7.17		4 X Forceps Sponge Holding Rampley BJ S/S 240 mm		
7.18		2 X Handle size 3 for Scalple blades size 10-15		
7.19		1 X Handle size 4 for Scalple blades size 20-24		
7.2		1 X Needle Holder Kilner 165 mm		
7.21		1 X Needle Holder Mayo Hegar's 180 mm		
7.22		1 X Scissors Mayo's CO Flat 125 mm S/S		
7.23		1 X Scissors Mayo's CO Flat 200mm S/S		
7.24		1 X Scissors Dissecting Mayo's Straight 200 mm		
7.25		2 X Retr. Lane Double-ended blade 13X19 mm Length 230 mm		
7.26		2 X Retr. Lane Double-ended blade 25x32 mm Length 230 mm		
7.27		2 X Retr. Lange beck H/H 25x64 Blade, 210 mm Long		
7.28		1 X Dissector McDonald, probe-end 165 mm		
7.29		1 X Needle Aneurysm, small 146mm		
7.3		4 X Pin Safety Mayo, forceps holding, 120mm		
7.31		1 X Suction Tube American Pattern		
7.32		1 X Suction Tube Pool's S/S 225mm		









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
7.33	Technical Specifications	2 X Forceps Tissue Babcock (bj) 200mm	Didders Offer	11000
7.34		1 X Curette Bone Volkmann, double ended Medium, 215mm		
7.35		2 X Sterilizing and storing case St. St. with filters 260x150x50 mm		
8	Estimated life-Span of the Item:	At Least 10 Years		
9	Warranty:	Minimum of 1 Year.		
10	Other Specification:	Please Specify Other Specifications.		
GWQ-11	Item Description	Suture Instruments and Dressing Set	يد وخياطة جراحي	طقه تضد
GWQ-11			يــ وــــــ جراعي	
	Qty	3		27
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.		
	If The Machine Have CE			
4.2	Certificate Product Needs To	Australia, Canada, Europe Union, Japan, USA and UK		
	Have Market Clearance For	and the second s		
	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				
7	Each Set Contents of:			
7.1		1 X Tray Instrument with Lid 225X 125 X 50 mm Deep		
7.2		6 X Forceps artery Kocher COF BJ.S/S 180mm.		
7.3		1 X Forceps Dissecting Bonney's 1X 2 Teeth S/S 150 mm		
7.4		1 X Forceps Dissecting Plain serrated jaws S/S 150 mm		
7.5		2 X Forceps Dressing Bryants serrated jaws S/S 125mm		
7.6		4 X Forceps Towel Holding cross Action S/S 100mm		
7.7		2 X Forceps Sponge Holding Rampley BJ S/S 240 mm		
7.8		1 X Handle size 3 for Scalple blades size 10-15		
7.9		1 X Needle Holder Kilner's 165 mm		
7.1		1 X Scissors Mayo Straight SJ. S/S 200mm.		
7.11		1 X Scissors Iris straight, Sharp points 115 mm		
7.12		1 X Sterilizing and storing case St. St. with filters 230x130x50 mm		
8	Life Span for Item:	10 Years		
9	Warranty:	Minimum of 1 Year.		
10	Other Specification:	Please Specify Other Specifications.	/ · · · · · · · · · · · · · · · · · · ·	\$ A4
GWQ-12	Item Description	Mobile X-Ray System 100 - 200 mA	نعة سينية متحرك	جهازان
	Qty			
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		
	If The Machine Have CE			
4.2	Certificate Product Needs To	Australia Canada Europa Union Japan USA and UV		
4.2	Have Market Clearance For	Australia, Canada, Europe Union, Japan, USA and UK		
	Either:			
		The unit shall be safe to use both for -the operator and the patient. Class		
5	Genaral Specification:	I, Protection against leakage current, protection against electric shocks:		
		class I, Waterproofnessl.		









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

5.1 Designed: Heavy Dany Designed. New Model. 5.2 The machine shalle of the start model and most have introt rechnology. 5.3 Quality: High Quality. Surgey, Ease of Use 5.4 Supplier Company. 6 Heavy Dany Surgey, Ease of Use 6 Genaral Specification: Suck, a Model. X Ling Quality to Patients Who Cannot be Moved to the Radiology Department. As Suck a Model. X Ling Juppinents to Designed with Such Unique Characteristics to be Able to be Moved Within Limited Spaces Like in Between Hospital Bels in Small Washs. 7 Type Of Power Source: Belse of Designed Heavy Designed Suck Designed with Such Unique Characteristics to be Able to be Moved Within Limited Spaces Like in Between Hospital Bels in Small Washs. 7 Type Of Power Source: Belse of Designed Heavy Des	N.T		وريد لتجهيز وتاتيت فسم طوارئ الولادة بمستشفى راس العارة — مديرية العارة		DT 4
S.2 Countily: High Quadry. Steely, Ease or Use	No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
5.3 Quality:	I	Designed:			
The Supplier The Supplier is Required to be a Certified Distributor or Agent of the Company. Mobile NeRgy Systems Are Often Used to Perform Chear Radiography to Parlems Who Cannot be Moved to the Radiology Department. As Such, a Mobile NeRgy System Are Often Used to Perform Chear Radiography to Parlems Who Cannot be Moved to the Radiology Department. As Such, a Mobile NeRgy System Cannot be Moved to the Radiology Department. As Such, a Mobile NeRgy System Cannot be Moved to the Radiology Department. As Such, a Mobile NeRgy System Cannot	5.2		The machine shuld be of latest model and must have lattest technology		
Supplier	5.3	Quality:			
Company Company	5.4	Supplier	1 2 2		
10 10 12 13 15 15 15 15 15 15 15		~ ~PP	- V		
Genaral Specification: Such, a Mobile X-Ray Leapment is Designed with Such Unique Characteristics to be Alsh to the Norde Within Limited Spaces Like in Between Hospital Bebs in Small Words.					
Characteristics to be Able to be Mowel Within Limited Spaces Like in Between Hoopital Heek in Small Wards.	6	Conoral Specification			
Type Of Power Source:	U	Genarai Specification.			
7.1 AC Line:			<u> </u>		
7.1 AC Line: Indicated	7	Type Of Power Source:	The state of the s		
7.2 Battery: Sequired			Included		
T.3					
7.4 Energy Capacity: 5.8 KW 7.5 Charging Time, Full Charge, Hr: 7.6 Can Also Make Exposures Uning AC Line: Included 8 Line-Voltage Compensator: Included 8.1 X-Ray Tube Anode: Rodning 8.2 Heat Capacity, KHU: 200-300 KHU. 8.3 Cooling, KHU/Min: 0-15 KHU 8.4 Maximum Output, KVP Range: 125-150 KV 8.5 Range: 40-(125-150) KV 8.6 Increments: 1 KV 8.7 mAs range 0-5-200 mA 8.8 Focal Spot, mm: 0.8 Or Secret. 9 1. Power Rating: 5-8 KW Or Less 9 1. Va.Ray Generator: 100-200. 9.1 Power Rating: 5-8 KW Or Less 10.1 Uninum Filter, mm: Less Than 2.5 mm. 10.2 Vertical, cm: 130 mm. 10.3 Rotation: 10.4 Canada Silvania Constanting Constant			^		
T.5					
7.5 Hr. Less Inan 4 Hrs. Less Inan 4 Hr					
Table Can Also Make Exposures Included	7.5		Less Than 4 Hrs.		
No. Using AC Line: Included					
8. Line-Voltage Compensator : Included	7.6	_	Included		
S.1	8		Included		
8.2 Heat Capacity, KHU: 200.300 KHU. 8.3 Cooling, KHU/Min: 10-15 KHU 10-15					
8.3 Cooling, KHU/Min: 8.4 Maximum Output, KVp Range: 125-150 kV 8.5 Range: 40-(125-150) kV 8.6 Increments: 1 kV 8.7 mAs range 0.5-200 mA 8.8 Focal Spot, mm: 0.8 Or Better. 9 X-Ray Generator: 9.1 Power Rating: 9.2 Aluminum Filter , mm: 10-200. 10 Tube Movement: 10.1 Horizontal, cm: 10.2 Vertical, cm: 10.3 Rotation: 10.4 Z-Axis: 10.5 X-Axis: 10.5 X-Axis: 10.6 X-Axis: 10.7 Speed, Mph: 10.8 Speed, Mph: 10.9 Speed, Mph: 11 Digital Detector: 12 Speed, Mph: 13 Max Incline: 14 Digital Detector: 14 Digital Detector: 15 Size, cm: 16 Size, cm: 17 Tube Movement: 18 Size, cm: 19 Size of Built-In Display Monitor: 16 Charge: 17 Time to Display Image, Sec: 18 Patient - Centering / Collimator Light: 19 Collimator Light: 19 Collimator Light: 19 Collimator Light: 19 Collimator Light: 10 LED Type		· · · · · ·	5		
8.4 Maximum Output, KVp Range: 125-150 KV					
8.5 Range: 40-(125-150) KV 8.6 Increments: 1 KV 8.7 mAs range 0.5-200 mA 8.8 Focal Spot, mm: 0.8 Or Better. 9 X-Ray Generator: 5-8 KW Or Less 9.1 Power Rating: 5-8 KW Or Less 9.2 Aluminum Filter, mm: Less Than 2.5 mm. 9.3 SID Range, cm: 100-200. 10 Tube Movement: 100-200. 10.1 Horizontal, cm: 45 cm. 10.2 Vertical, cm: 130 mm. 10.3 Rotation: 200° 10.5 X-Axis: 290° 11. Cassettes Stored: (5-10) 12. Speed, Mph: 0-3 13 Max Incline: 7° 14 Digital Detector: DR System. 14.1 Type: CSI Or Better Material 14.2 Wireless: Required 14.3 Size, cm: 24 x 30 cm Small, 35 x 43 cm Large 15 Size of Built-In Display Monitor: 17-22" Touchscreen. 16 Charge: At Least 100. 17 Time to Display Image, Sec: Less Than 5 Sec 18 Patient - Centering / Collimator Light: LED Type 20 DICOM:					
8.6 Increments:		1 / 1			
8.7 mAs range					
Second					
9 X-Ray Generator: 9.1 Power Rating: 9.2 Aluminum Filter , mm: Less Than 2.5 mm. 9.3 SID Range , cm: 100-200. 10 Tube Movement: 10.1 Horizontal, cm: 45 cm. 10.2 Vertical, cm: 130 mm. 10.3 Rotation: 10.4 Z-Axis: ±90° 10.5 X-Axis: ±90° 11 Number Of 35 x 43 cm (5-10) 12 Speed, Mph: 0-3 13 Max Incline: 7° 14 Digital Detector: DR System. 14.1 Type: Csl Or Better Material 14.2 Wireless: Required 14.3 Size, cm: 24 x 30 cm Small, 35 x 43 cm Large 15 Size of Built-In Display Monitor: 16 Number of Images per Battery Charge: 17 Time to Display Image, Sec: Less Than 5 Sec 18 Patient - Centering / Collimator Light: LED Type 20 DICOM:					
9.1 Power Rating: 5-8 kW Or Less 9.2 Aluminum Filter , mm: Less Than 2.5 mm. 9.3 SID Range , cm: 100-200. 10 Tube Movement: 10.1 Horizontal, cm :			U.O OI DELLEI.		
9,2 Aluminum Filter , mm: Less Than 2.5 mm. 9,3 SID Range , cm: 100-200. 10 Tube Movement:		· · · · · · · · · · · · · · · · · · ·	5 9 VW Or Loss		
9.3 SID Range , cm: 100-200.		<u> </u>			
10					
10.1 Horizontal, cm : 45 cm. 10.2 Vertical, cm : 130 mm. 10.3 Rotation:		,	100-200.		
10.2 Vertical, cm : 130 mm. 10.3 Rotation:			45 am		
10.3 Rotation:		,			
10.4 Z-Axis:		ŕ	130 HIII.		
10.5 X-Axis:			1.000		
11					
11	10.5		<u>+</u> 90-		
Cassettes Stored:	11		(5-10)		
13			0.2		
14					
14.1 Type: CsI Or Better Material 14.2 Wireless: Required 14.3 Size, cm: 24 x 30 cm Small, 35 x 43 cm Large 15 Size of Built-In Display Monitor: 17-22" Touchscreen. 16 Number of Images per Battery Charge: At Least 100. 17 Time to Display Image, Sec: Less Than 5 Sec 18 Patient - Centering / Collimator Light: Required 19 Collimator Light: LED Type 20 DICOM: LED Type					
14.2 Wireless: Required 14.3 Size, cm: 24 x 30 cm Small, 35 x 43 cm Large 15 Size of Built-In Display Monitor: 17-22" Touchscreen. 16 Number of Images per Battery Charge: At Least 100. 17 Time to Display Image, Sec: Less Than 5 Sec 18 Patient - Centering / Collimator Light: Required 19 Collimator Light: LED Type 20 DICOM:					
14.3 Size, cm: 24 x 30 cm Small, 35 x 43 cm Large 15 Size of Built-In Display Monitor: 16 Number of Images per Battery Charge: 17 Time to Display Image, Sec: 18 Patient - Centering / Collimator Light: 19 Collimator Light: LED Type 20 DICOM:		· · ·			
15 Size of Built-In Display 17-22" Touchscreen.			^		
15 Monitor: 17-22 Touchscreen. 17-22 Touchscreen. 18 Number of Images per Battery At Least 100.	14.3		24 x 30 cm Small, 35 x 43 cm Large		
Monitor: Number of Images per Battery At Least 100.	15		17-22" Touchscreen.		
Charge: At Least 100. Time to Display Image, Sec: Less Than 5 Sec Patient - Centering / Collimator Light: Required Collimator Light: LED Type DICOM:					
Charge: 17 Time to Display Image, Sec: Less Than 5 Sec Patient - Centering / Collimator Light: Required 19 Collimator Light: LED Type 20 DICOM:	16		At Least 100.		
Patient - Centering / Collimator Light: Required Collimator Light: LED Type DICOM:					
Light: Collimator Light: LED Type DICOM:	17		Less Than 5 Sec		
Light: 19 Collimator Light: LED Type 20 DICOM:	18	Patient - Centering / Collimator	Required		
20 DICOM:	10				
	19	Collimator Light:	LED Type		
21 DICOM Encryption Supported Included	20	DICOM:			
21 DICOM Encryption Supported. Iniciaded.	21	DICOM Encryption Supported.	Included.		









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

No.	Technical Specifications	Min MOH Poquiroment	Bidders Offer	Notos
	•	Min MOH Requirement	Didders Offer	Notes
22	Maintenance:	Preferred Less Maintenance Needed. 2 Years Free Maintenace,		
22.1		Including PM Kit.		
22.2		Service Manual Operation Manual {Hardcopy & Softcopy}		
22.3		Application Software and Interface Connection Included.		
22.4		Spare Parts List With code No.		
22.5		Including Maintenance and calibration Tools.		
23	Life Span for Machine:	At Least10 Years.		
	•	Training (2) Doctors to Operate and use the Device, and Training (1)		
24	Training:	Medical Device Engineers to Maintain and Calibrate the Device (Full		
		Training Program)		
25	Self Diagnostic Error /	Included		
	Calibration Massage:			
26	Power Supply:	100-240 V, 50/60 Hz Electriv Saftey Class I.		
27	Other Specification:	Please Specify Other Specification	.	
GWQ-13	Item Description	Hot Air Oven	قيم بالهواء الجاف	جهاز تع
	Qty	5		
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		
	If The Machine Have CE			
4.2	Certificate Product Needs To	Australia, Canada, Europe Union, Japan, USA and UK		
7.2	Have Market Clearance For	Prastana, Canada, Barope Cinon, Japan, Corr and Cre		
	Either:			
_	C	The unit shall be safe to use both for -the operator and the patient. Class		
5	Genaral Specification:	I, Protection against leakage current, protection against electric shocks: class I, Waterproofnessl.		
5.1	Designed:	Heavy Duty Designed, New Model.		
5.2	Designed.	The machine shuld be of latest model and must have lattest technology		
5.3	Quality:	High Quality, Safety, Ease of Use		
	-	The Supplier is Required to be a Certified Distributor or Agent of the		
5.4	Supplier:	Company.		
6	Controller:	Fully automatic control (microprocessor or microcomputer),Hot Air		
		Circulation System.		
7	Temperature Range °C:	Approx. 20- 260°C. 24-30L		
8 9	Chamber Capacity: Interior Chamber :	Electro-acid coated aluminum		
10	interior Chamber;	Zero Cross PID Temp.Control System.		
		Stainless Steel For Interior Chamber And Steel Backed Coating Finish		
11	Constructions:	For The Exterior Construction.		
12	Display:	Digital display for temperature and time		
13	Timer:	1 min. to 100 hours and hold position		
14		Safety thermsostat		
15	Shelves:	The unit shall be equipped with At 2 -3 shelves (stainless steel).		
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.		
18	Accessories:	Supplied With:		
18.1		3x Fuses		
18.2		1x Spare heaters		









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
		All accessories, if any must be included to put the system in to fully		
18.3		operational.		
19	Power Supply:	AC 110-240V, 50/60Hz single-phase electrical source.		
19.1		Compliant with IEC 60601.		
19.2		Built-in protections against over-voltage and over-current line		
20	Other Specification:	conditions. Please Specify Other Specification	+	
GWQ-14		Drum Sterilizing 240mm Diameter	نيم متوسط الحجم	ier al 11
GWQ-14	Item Description	Di uni Stermzing 240mm Diameter	يم سوسد اسم	ارام عد
	Qty			
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.		
	If The Machine Have CE Cartificate Product Needs To			
4.2	Certificate Product Needs To Have Market Clearance For	Australia, Canada, Europe Union, Japan, USA and UK		
	Either:			
5	Designed:	Heavy duty Designed, New Model.		
5.1	Quality:	High Quality.		
		the Supplier is required to be a Certified Distributor or Agent of the		
5.2	Supplier:	Company.		
6	Material:	304 Stainless Steel or Or Better		
7	Technical Specifications:			
7.1		Drum, sterilizer.		
7.2		Closing lid with a clip lock.		
7.3		Carrying handle.		
7.4		Air vents system to allow steam to circulate freely during the		
7.5		sterilisation cycle. Lateral air vents system is preferable to top and bottom air vents.	+	
7.6	External diameter:	approx. 240 to 250 mm.		
7.7	Height:	Approx. 150 to 180 mm. Or Better.		
7.8	Thickness:	Approx. 0.6 to 0.7 mm.		
7.9	Material:	Austenitic stainless steel, smooth surface.		
8	Type:	Reusable.		
9	Estimated life-Span of the Item:	At Least 7 Years		
10	Warranty:	Minimum of 1 Year.		
11	Other Specification:	Please Specify Other Specification		
GWQ-15	Item Description	Drum Sterilizing 340mm Diameter	عقيم كبير الحجم	درام ت
	Qty	2		
No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
1	Manufacturer:	Please Specify Manufacturer Name.	Diducts Office	Tioles
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 speerly country of Origin of The Officien Equipment.	 	
4.1	FDA Certificate Or CE Mark:	Required Certificates.		
	If The Machine Have CE	1		
	Certificate Product Needs To			
4.2	Have Market Clearance For	Australia, Canada, Europe Union, Japan, USA and UK		
	Either:			
5	Designed:	Heavy duty Designed, New Model.		
5.1	Quality:	High Quality.		
	1 C		1	I









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
	•	the Supplier is required to be a Certified Distributor or Agent of the	Didders Offer	Tiotes
5.2	Supplier:	Company.		
6	Material:	304 Stainless Steel or Or Better		
7	Technical Specifications:			
7.1		Drum, sterilizer.		
7.2		Closing lid with a clip lock.		
7.3		Carrying handle.		
7.4		Air vents system to allow steam to circulate freely during the sterilisation cycle.		
7.5		Lateral air vents system is preferable to top and bottom air vents.		
7.6	External diameter:	approx. 280 to 340 mm.		
7.7	Height:	Approx. 180 to 240 mm. Or Better.		
7.8	Thickness:	Approx. 0.6 to 0.7 mm.		
7.9	Material:	Austenitic stainless steel, smooth surface.		
8	Type:	Reusable.		
9		At Least 7 Years		
10	Warranty:	Minimum of 1 Year.		
11	Other Specification:	Please Specify Other Specification		
GWQ-16	Item Description	A Laboratory Benchtop	مختبر مع الأدراج	بنشات
	Qty	1		
No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
1	Manufacturer :	Please Specify Manufacturer Name.	Diddens Offer	11000
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.		
5	Designed:	Heavy Duty Designed.		
5.1	Quality:	High Quality.		
	Quarty.	a Lab Bench, is a Work Table that Provides the Space and Surface to		
6		Conduct Tests and Procedures, Store Lab Equipment,		
7	Dimension:	(90 H X 70 W X 15.6 L) m		
8	Warranty:	Minimum of 1 Year.		
9	Other Specification:	Please Specify Other Specification		
GWQ-17	Item Description	Window Curtain	ستائر نوافذ	4
	Qty	12		
No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
1	Manufacturer:	Please Specify Manufacturer Name.	Didders Offer	Tiotes
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	Design & Quality:	Heavy Duty, High Quality		
5	Genaral Specification:	J 1147 6 C		
5.1		Window Curtain		
5.2		It should not need to be maintained periodically, because it has a long life.		
5.3		It should be resistant to sunlight.		
5.4		It should be easy to install and use.		
5.5		Ease of cleaning, because it consists of Cloths Parts that are easy to		
5.6		clean. Provide an aesthetic view.		
5.0	Dimensions	200 L X 150 H cm		
5.7		10 Years		
6	II ita Shan Har Itame		i	
7	Life Span For Item:			
7	Warranty:	Minimum of 1 Year.		
	Î		جات فوق صوتية	مه نامه









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
	Oty	3		
NI		Min MOII Descriptore	D: 11 Off	Madea
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: FDA Certificate Or CE Mark	Deguined contificates		
4.1	If The Machine Have CE	Required certificates		
	Certificate Product Needs To			
4.2	Have Market Clearance For	Australia, Canada, Europe Union, Japan, USA and UK.		
	Either:			
	Either.	The unit shall be safe to use both for -the operator and the patient. Class		
5	Genaral Specification:	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	<u> </u>	
		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:	 Electronic convex scanning. Electronic linear scanning. 		
		High resolution B & W monitor with tilt and swivel and a size of 12- 15		
10	Monitor:	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 , 3D/4D.		
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		
17		processing. 256 Channels Or Better.		
17	Processing Channels:			
18 19	M-Mode Sweep Speed: Presets:	4 Steps Or Better. 5 Or Better.		
20	Cine Memory:	Please Specify No. of Images.		
21	Image Storage:	On HDD & CD and USB, Please specify storage capacity.		
22	Measurement:	Distance, Area, Volume and Fetal Parameters.		
23	Calculation:	Calculation Packages for Abdominal , OB/GYN.		
24	Connector Probe:	Minimum Two.		
25	Probe Holder:	Included.		
26	Probes:			
26.1		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		









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

		وريد لنجهيز ونانيت فسم طوارئ الولاده بمستشفى راس العاره - مديريه العاره		
No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
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.		
GWQ-19	Item Description	Laboratory Microscope Binocular	بکرسکوب ضوئ <i>ی</i>	جهاز مر
	Qty	3		
No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
1	Manufacturer:	Please Specify Manufacturer Name.	Didders Offer	Notes
$\frac{1}{2}$	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 speerly country of Origin of the Office Equipment.	<u> </u>	
4.1	FDA Certificate Or CE Mark:	Required Certificates	1	
7.1	If The Machine Have CE	Total Commence	1	
	Certificate Product Needs To			
4.2	Have Market Clearance For	Australia, Canada, Europe Union, Japan, USA and UK.		
	Either:			
5	Genaral Specification:	The Unit Shall be Safe to Use		
5.1	Designed:	Heavy duty Designed, New Model.		
		The Machine should be of Latest Model and Must have Lattest		
5.2		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:	7.6 · G.	-	
14.1	Focusing Mechanism:	Moving Stage		
14.2	Coarse, Fine Adjustments:	Coaxial Coarse and Fine Adjustment	<u> </u>	
15	Stage:	Mechanical	-	
15.1 15.2	Type:	Mechanical Coaxial	-	
15.2	Tension adjustment:	X-Y	+	
16.3	Motion: Accessories:	Δ-1	1	
16.1	Accessories: Adapter(s):	Required	1	
16.2	Dust cover:	Required		
16.3	Dust Cover.	50 X Microscope Slides 76x26mm.		
16.4	+	100 X Cover slides 22x22mm.	<u> </u>	
17	Life Span for Machine:	10 Years	1	
18	Maintenance:		<u> </u>	
10			Î.	









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

N		رید تنجهیر وتنیت فستم طواری انواده بمستشقی راش انعاره ـ مدیریه انعاره		Nadan
No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
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 $\sim \pm 10\%$, 50 Hz		
20	Other Specification:	Please specify.		
GWQ-20	Item Description	Centrifuge Toptable	مركزي لفصل العينات	جهاز طرد
	Qty	5		
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		
	If The Machine Have CE			
4.2	Certificate Product Needs To	Australia, Canada, Europe Union, Japan, USA and UK.		
7. 2	Have Market Clearance For	rassiana, Canada, Barope Onion, Japan, Obri and OK.		
	Either:			
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		
	0 14	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	Rotational Speed :			
(1	Maximum revolutions per	4000 5000 O. P. //		
6.1	minute (RPM)	4000-5000 Or Better.		
6.2	RPM increments:	10 or More.		
6.3	Maximum relative centrifugal	1100 or More.		
	force (RCF), g:			
7	Rotors Available:			
7.1	Fixed Angle:	Included		
8	Capacity:			
8.1	Maximum number of tubes and	8-12 X (15 mL) Or Better		
	volumes:			
9	Timer:	1,000 - 50		
9.1	Range, min:	1-999 min 59 sec		
9.2	Settings:	Timed, continuous, pulse (burst)		
9.3	Braking Type:	Electric		
9.4	Settings:	9 or less		
9.5	Brake time, sec Brush/Brushless	rotor dependent. Please Specify. Brushless		
		Diusiiiess		
10	Safety Features: Lid Interlock:	Included		
10.1 11	Alert Indicators:	Included		
11.1	Centrifuge lid Open:	Included		
11.1	Imbalance:	Included		
11.3	End of run:	Included		
11.4	Overspeed:	Included		
11.4	Other	Please Specify.		
11.6	Display Type:	LCD		
11.7	Parameters Displayed:	RPM, Run Time		
11.7	Lock icon	Yes		
11.9	Programmable:	Please Specify.		
11.10	Self-Diagnostics:	Included		
11.10	Den-Diagnosiics.	Included	I	









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

Recommended	No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
Selective Charles Section Sect					
14 Life Span for Matchine: 19 Years 19 Years 19 Years 15 15 15 15 15 15 15 1	12	cleaners/disinfectants:	Ethanol, n-propanol, ethyl hexanol, anionic tensides, corrosion inhibitors		
15. Maintenance: 2 Years Free Maintenance. 2 Years Free Maintenance. 15.1 15.2 2 2 2 2 2 2 2 2 2	13	Noise Level, Db:	≤62, Or Less (rotor dependent)		
15.1 2 Years Five Maintenance. 15.2 Service Manual and Operation Manual (Hurdropy & Softecpy) 15.3 15.3 Application Software and Interface Connection Included. 16 Power Supply: 100 to 24 170		•	10 Years		
Service Manuel and Operation Manuel Hardrogy & Softropy		Maintenance:			
Application Software and Interface Connection Included.					
16 Power Supply: 100 to 20 V - 1078, 50 Hz 17 17 18 19 19 19 19 19 19 19					
Time Description Other Specifications: No. Technical Specifications 1 Manufacturer: Please Specify Manufacturer Name. 2 Model Number: Please Specify Manufacturer Name. 3 Country Of origin: Please Specify Manufacturer Anne. 4 Safety Standard: Please Specify Manufacturer Name. 2 Model Number: Please Specify Manufacturer Name. 4 Safety Standard: Please Specify Manufacturer Name. 5 Designed: Please Specify Country of Origin of The Offered Equipment. 4.1 PDA Certificate Or CE Mark: Required Certificates If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either: Pode Product Needs To Have Market Clearance For Either: Please Specify Manufacturer Name. 5 Designed: Heavy duty Designed, New Model. Heavy duty Designed, New Model. Heavy duty Designed, New Model. Please Specify Manufacturer with continuous duty motor provides smooth, quiet notation 6 Speed: Specification Specification with continuous duty motor provides smooth, quiet notation 7 Control: Selected speed will be accurate at least + rpun 8 Acut platform specific will be accurate at least + rpun 10 Alarm: Signals and of timed rotation 11 Construction: Platform surface will be a non-slip material, the rim will be raised to retain slides: Step yelds of timed rotation 12 Line Power , VAC: Compatible with the Hospital electric coulet plug, 5 mt), Electrical Safety class Minumum of Year. 11 Warranty Minimum of Year. 12 Line Power and the Specification Please Specify Model Number of The Offered Equipment. 13 Life Span for Item: A Least 7 Years 14 Warranty Minimum of Year. 15 Other specification Please Specify Model Number of The Offered Equipment. 2 Model Xumber: Please Specify Model Number of The Offered Equipment. 4 Safety Standard: Please Specify Model Number of The Offered Equipment. 4 Safety Standard: Please Specify Model Number of The Offered Equipment. 4 Safety Standard: Please Specify Model Number of The Offered Equipment. 4 Safety Standard: Please Specify Model Number of The Offered Equipment. 4 Safe		Downer Committee			
Shaker Machine for Tubes Oty A Technical Specifications 1 Manufacturer: Please Specify Model Number: Other Model Number: Please Specify Model Number of The Offered Equipment. 3 Country Of origin: Please Specify Model Number of The Offered Equipment. 4 Safety Standard: Please Specify Country of Origin of The Offered Equipment. 4 Safety Standard: If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either: If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either: Special Heavy duty Designed. Heavy duty Designed. New Model. Duality: Duality					
Total Specifications No. Technical Specifications Manufacturer: Please Specify Manufacturer Name. Please Specify Manufacturer Name. Please Specify Manufacturer Name. Please Specify Model Number of The Offered Equipment. A Satety Standard: B FDA Certificate Or CE Mark: If The Machine Have CE Certificate Product Needs To Havy day Designed, New Model. A Satety Standard: A Satety Standard: A Satety Standard: A Satety Standard: B Heavy day Designed, New Model. A Satety Standard: A Satety Standard: B Heavy day Designed, New Model. B Heavy day Designed, New Model. A Satety Standard: B Heavy day Designed, New Model. B Heavy day Designed, New Model. C Heavy day Designed, New Model. B Heavy day Designed, New Model. B Heavy day Designed, New Model. C Heavy day Designed, New Model. C Heavy day Designed, New Model. B Heavy day Designed, New Model. C Heavy day Designed, New Model. D Heavy day day Designed New Model. D				ال لادارين العبدات	1A 1102
No. Technical Specifications Min MOH Requirement Bidders Offer Notes	GWQ-21				<i>y</i>
Manufacturer: Piease Specify Manufacturer Name.	No			Ridders 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. 4.1 FDA Certificate Or CE Mark: If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either: 5 Designed: Heavy dury Designed, New Model. 5.1 Quality: High Quality. 5.2 Supplier: Company. 6 Speed: Company. 7 Control: September of The Offered Equipment of the Company. 8 Market Specify Model Number of The Offered Equipment. 9 Timer: Construction: Platform surface will be a non-slip material, the rim will be raised to retain slides: 11 Life Span for Hem: At Least 7 Years 13 Life Span for Hem: At Least 7 Years 14 Warranty Minimum of I Year. 15 Model Number: Please Specify Model Number of The Offered Equipment. 16 Manufacturer: Please Specify Scanda, Europe Union, Japan, USA and UK 17 Control: September of The Offered Equipment of The Offered Equipment. 18 Life Span for Hem: At Least 7 Years 19 Model Number: Please Specify Country of Origin of The Offered Equipment. 10 Manufacturer: Please Specify Model Number of The Offered Equipment. 10 Control Certificates 11 Manufacturer: Please Specify Country of Origin of The Offered Equipment. 12 Line Machine Have CE Certificates Product Needs To Have Market Clearance For Australia, Canada, Europe Union, Japan, USA and UK		1	1	Didders Offer	Notes
3 Country Of origin: Please Specify Country of Origin of The Offered Equipment. 4.1 Safety Standard: Required Certificates If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either: 5 Designed: Heavy duty Designed, New Model. 5.1 Quality: High Quality: High Quality: High Quality: He Supplier is required to be a Certifical Distributor or Agent of the Company. Clinical Lab Rotator with continuous duty motor provides smooth, quiet rotation 6 Speed: Variable speed control up to 200 rpm for serological flocculation and aggitutination test aggitutination test 7 Control: Selected speed will be accurate at least + rpm Inter: Interest of this provided will be accurate at least + rpm Interest of this provided will be accurate at least + rpm Interest of this provided will be accurated at least + rpm Interest of this provided will be accurated at least + rpm Integral timer is set at periods between 0 – 30 min/ 60 or operate continuously sides of timed rotation Integral timer is set at periods between 0 – 30 min/ 60 or operate continuously Interest of this provided will be a non-slip material, the rim will be raised to retain sides 10 Alarm: Signals and of timed rotation Plaform surface will be a non-slip material, the rim will be raised to retain sides 11 Line Power , VAC: Compatible with the Hospital electric outlet plug, 5 mt), Electrical Safety class 1 12 Line Power , VAC: Compatible with the Hospital electric outlet plug, 5 mt), Electrical Safety class 1 13 Life Span for Item: At Least 7 Years Other specification Please Specify Other Specifications. Min MOH Requirement Bidders Offer Notes No. Technical Specifications Min MOH Requirement Bidders Offer Notes Winder Munifert Official Cort CE Mark: If The Machine Have CE Certificates Product Needs To Have Market Clearance For Australia. Canada, Europe Union, Japan, USA and UK					
4.1 FDA Certificate Or CE Mark: If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either: 5 Designed: Heavy daty Designed, New Model. 5.1 Quality: High Quality: 5.2 Supplier: Company: Clinical Lab Rotator with continuous duty motor provides smooth, quiet rotation Speed: Qualitical Lab Rotator with continuous duty motor provides smooth, quiet rotation 7 Control: Selected speed will be accurate at least - rpm 8 Actual platform speed will be accurate at least - rpm 8 Actual platform speed will be accurate at least - rpm 10 Alarm: Signals and of timed rotation 11 Construction: Platform surface will be a non-slip material, the rim will be raised to relain slides 12 Line Power , VAC: Company: Alexandry Minimum of 1 Year. 14 Warranty Minimum of 1 Year. 15 Other specification Please Specify Other Specifications. 16 Warranty Minimum of 1 Year. 17 Other Specifications 18 Alexandry Manufacturer in Please Specify Model Number of The Offered Equipment. 4 Safety Standard: Please Specify Model Number of The Offered Equipment. 4 Safety Standard: Please Specify Country of Origin of The Offered Equipment. 4 Safety Standard: Please Specify Country of Origin of The Offered Equipment. 4 Safety Standard: Please Specify Country of Origin of The Offered Equipment. 4 Safety Standard: Please Specify Model Number of The Offered Equipment. 4 Safety Standard: Please Specify Country of Origin of The Offered Equipment. 4 Safety Standard: Please Specify Country of Origin of The Offered Equipment. 4 Safety Standard: Please Specify Country of Origin of The Offered Equipment. 4 Safety Standard: Please Specify Model Number of The Offered Equipment. 5 Certificate Product Needs To Have Market Clearance For					
A.1 DDA Certificate Or CE Mark: Required Certificates Rustralia, Canada, Europe Union, Japan, USA and UK Rustralia, Canada, Europe Union, Japan, USA and U		•	and a process and a second and a process and		
## Australia, Canada, Europe Union, Japan, USA and UK ### Australia, Canada, Europe Union, Japan, USA and UK ### Australia, Canada, Europe Union, Japan, USA and UK ### Supplier: Designed:			Required Certificates		
Have Market Clearance For Either: Australia, Canada, Europe Umon, Japan, USA and UK					
Society	4.2	Have Market Clearance For	Australia, Canada, Europe Union, Japan, USA and UK		
S.1 Quality: High Quality. the Supplier: the Supplier is required to be a Certified Distributor or Agent of the Company.	5		Heavy duty Designed, New Model.		
Supplier: Company. Clinical Lab Rotator with continuous duty motor provides smooth, quiet rotation Speed: Variable speed control up to 200 rpm for serological flocculation and agglutination test Control: Selected speed will be accurate at least + rpm Resulting and inner is set at periods between 0 – 30 min/ 60 or operate continuously Integral timer is set at periods between 0 – 30 min/ 60 or operate continuously Construction: Platform surface will be a non-slip material, the rim will be raised to retain slides Construction: Platform surface will be a non-slip material, the rim will be raised to retain slides Line Power , VAC: Compatible with the Hospital electric outlet plug. 5 mt), Electrical Safety class 1 Life Span for Item: At Least 7 Years Minimum of 1 Year. Other specification Please Specify Other Specifications. GWO-22 Item Description Please Specify Other Specifications. GWO-22 Item Description Please Specify Manufacturer Name. Qty No. Technical Specifications Min MOH Requirement Bidders Offer Notes Monufacturer: Please Specify Model Number of The Offered Equipment. A Safety Standard: Please Specify Country of Origin of The Offered Equipment. 4. Safety Standard: If The Machine Have CE Certificate Product Needs To Have Market Clearance For					
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 Actual platform speed will be clearly indicated 10 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 slides 11 Construction: Platform surface will be a non-slip material, the rim will be raised to retain slides 12 Line Power , VAC: 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 1 Year. 15 Other specification Please Specify Other Specifications. GWO-22 Item Description Digital Glucometer Oty 4 No. Technical Specifications Min MOH Requirement Bidders Offer Notes 1 Manufacturer: Please Specify Model Number of The Offered Equipment. 2 Model Number: Please Specify Model Number of The Offered Equipment. 4 Safety Standard: 4.1 FDA Certificate Or CE Mark: If The Machine Have CE Certificate Froduct Needs To Have Market Clearance For Australia, Canada, Europe Union, Japan, USA and UK	5.2		1 11 1		
Speed: auglutination test	5	General Description:	rotation		
Natural platform speed will be clearly indicated		_	agglutination test		
Integral timer is set at periods between 0 - 30 min/ 60 or operate continuously		Control:			
10 Alarm: Signals end of timed rotation	8				
11 Construction: Platform surface will be a non-slip material, the rim will be raised to retain slides 10 to 240 V ~ ±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. 15 Other specification Please Specify Other Specifications. GWQ-22 Item Description Digital Glucometer Otty 4 No. Technical Specifications Min MOH Requirement Bidders Offer Notes 1 Manufacturer: Please Specify Manufacturer Name. 2 Model Number: Australia, Canada, Europe Union, Japan, USA and UK Platform surface will be a non-slip material, the rim will be raised to retain slides 10 to 240 V ~ ±10%, 50/60 Hz Single phase (power cable (power cable (power cable)) 1	9	Timer:	1		
12 Line Power , VAC: 13 Life Span for Item: 14 Warranty 15 Other specification Please Specify Other Specifications 16 WQ-22 Item Description Other Specifications Technical Specifications Please Specify Manufacturer Name. 1 Manufacturer: 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: If The Machine Have CE Certificate Product Needs To Have Market Clearance For Please Specify Union, Japan, USA and UK	10	Alarm:	Signals end of timed rotation		
12 Line Power , VAC: 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. 15 Other specification Please Specify Other Specifications. GWQ-22 Item Description Digital Glucometer Qty 4 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: If The Machine Have CE Certificate Product Needs To Have Market Clearance For Australia, Canada, Europe Union, Japan, USA and UK	11	Construction:	retain slides		
14 Warranty Minimum of 1 Year. 15 Other specification Please Specify Other Specifications. GWQ-22 Item Description Digital Glucometer Qty 4 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: If The Machine Have CE Certificate Product Needs To Have Market Clearance For Australia, Canada, Europe Union, Japan, USA and UK	12	Line Power , VAC:	Compatible with the Hospital electric outlet plug, 5 mt), Electrical		
15 Other specification Please Specify Other Specifications. GWQ-22 Item Description Digital Glucometer Qty 4 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 If The Machine Have CE Certificate Product Needs To Have Market Clearance For Australia, Canada, Europe Union, Japan, USA and UK		<u> </u>			
Technical Specifications No. Technical Specifications Min MOH Requirement Manufacturer: Please Specify Manufacturer Name. Model Number: Please Specify Model Number of The Offered Equipment. Country Of Origin: Please Specify Country of Origin of The Offered Equipment. A Safety Standard: 4.1 FDA Certificate Or CE Mark: If The Machine Have CE Certificate Product Needs To Have Market Clearance For Pligital Glucometer 4 Australia, Canada, Europe Union, Japan, USA and UK		<i>U</i>			
No. Technical Specifications Min MOH Requirement Bidders Offer Notes				-	
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 If The Machine Have CE Certificate Product Needs To Have Market Clearance For Australia, Canada, Europe Union, Japan, USA and UK	GWQ-22		Digital Glucometer	قياس سكر الدم	جهاز
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 Australia, Canada, Europe Union, Japan, USA and UK					
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 Australia, Canada, Europe Union, Japan, USA and UK	No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
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 Australia, Canada, Europe Union, Japan, USA and UK	1	Manufacturer :	* *		
4.1 FDA Certificate Or CE Mark: Required Certificates If The Machine Have CE Certificate Product Needs To Have Market Clearance For Australia, Canada, Europe Union, Japan, USA and UK					
4.1 FDA Certificate Or CE Mark: Required Certificates If The Machine Have CE Certificate Product Needs To Have Market Clearance For Required Certificates Australia, Canada, Europe Union, Japan, USA and UK			Please Specify Country of Origin of The Offered Equipment.		
4.2 If The Machine Have CE Certificate Product Needs To Have Market Clearance For Australia, Canada, Europe Union, Japan, USA and UK					
4.2 Certificate Product Needs To Have Market Clearance For Australia, Canada, Europe Union, Japan, USA and UK	4.1		Required Certificates		
r rivinier:	4.2	Certificate Product Needs To	Australia, Canada, Europe Union, Japan, USA and UK		









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
5		Heavy Duty Designed, New Model.	Didders Offer	Hotes
5.1	Designed:			
5.1	Quality:	High Quality. The Supplier is Required to be a Certified Distributor or Agent of The		
5.2	Supplier:	Company.		
6		Digital Glucometer.		
7	Technical Specifications:	Digital Glacometer.		
7.1	Termear Specifications.	Sample Volume One Drop		
7.1		Test Time Less than 10 seconds		
7.3		With Memory		
7.4		Set complete with prick pen		
7.5		Lancets		
7.6	Measurement Unit :	mmol/L Or mg/dL		
7.7	Sample Volume :	0.5 microliters		
7.7	Display:	LCD Display		
7.9	Display .	Battery Operated		
8	Accessories:	Dancey Operated		
8.1	Accessuries.	500 X Glucose Strips		
8.2		1 X Carry Bag.		
8.3		2 X battery (Spare part)		
9	I ifo Span for Machine	10 Years		
10	Life Span for Machine:	Minimum of 2 Years.		
11	Warranty:			
	Other Specification:	Please Specify Other Specifications.	61.01	
GWQ-23	Item Description	Semi Automated Biochemistry Analyzer	باء نصف أوتوماتيك	جهار حيمي
	Qty	5		
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	Model Number: Country Of Origin:	Please Specify Model Number of The Offered Equipment. Please Specify Country of Origin of The Offered Equipment.		
3	Country Of Origin:			
3 4	Country Of Origin: Safety Standard:	Please Specify Country of Origin of The Offered Equipment.		
3 4 4.1	Country Of Origin: Safety Standard: FDA Certificate Or CE Mark:	Please Specify Country of Origin of The Offered Equipment. Required Certificates		
3 4	Country Of Origin: Safety Standard: FDA Certificate Or CE Mark: If The Machine Have CE	Please Specify Country of Origin of The Offered Equipment.		
3 4 4.1	Country Of Origin: Safety Standard: FDA Certificate Or CE Mark: If The Machine Have CE Certificate Product Needs To	Please Specify Country of Origin of The Offered Equipment. Required Certificates		
3 4 4.1 4.2	Country Of Origin: Safety Standard: FDA Certificate Or CE Mark: If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either:	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		
3 4 4.1	Country Of Origin: Safety Standard: FDA Certificate Or CE Mark: If The Machine Have CE Certificate Product Needs To Have Market Clearance For	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:		
3 4 4.1 4.2	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:	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.		
3 4 4.1 4.2	Country Of Origin: Safety Standard: FDA Certificate Or CE Mark: If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either:	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.		
3 4 4.1 4.2	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:	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 shuld be of Latest Model and must Have Lattest		
3 4 4.1 4.2 5 5.1 5.2	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:	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 shuld be of Latest Model and must Have Lattest Technology		
3 4 4.1 4.2 5 5.1 5.2 5.3	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:	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 shuld be of Latest Model and must Have Lattest Technology High Quality, Safety, Ease of Use		
3 4 4.1 4.2 5 5.1 5.2	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:	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 shuld be of Latest Model and must Have Lattest Technology		
3 4 4.1 4.2 5 5.1 5.2 5.3 5.4	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:	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 shuld 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		
3 4 4.1 4.2 5 5.1 5.2 5.3	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: Technical Specification:	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 shuld 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.		
3 4 4.1 4.2 5 5.1 5.2 5.3 5.4	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:	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 shuld 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. Should be microprocessor controlled general purpose bi-chromatic		
3 4 4.1 4.2 5 5.1 5.2 5.3 5.4 6	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: Technical Specification:	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 shuld 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. Should be microprocessor controlled general purpose bi-chromatic photometer		
3 4 4.1 4.2 5 5.1 5.2 5.3 5.4 6 6.1	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: Technical Specification: Filters:	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 shuld 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. Should be microprocessor controlled general purpose bi-chromatic photometer At least 7 Filters.		
3 4 4.1 4.2 5 5.1 5.2 5.3 5.4 6 6.1 6.2	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: Technical Specification: Filters: Ranging nm:	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 shuld 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. Should be microprocessor controlled general purpose bi-chromatic photometer At least 7 Filters. 340 to 700 nm Or Better.		
3 4 4.1 4.2 5 5.1 5.2 5.3 5.4 6 6.1 6.2 6.3	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: Technical Specification: Filters: Ranging nm: Light source:	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 shuld 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. Should be microprocessor controlled general purpose bi-chromatic photometer At least 7 Filters. 340 to 700 nm Or Better. Tungsten/ halogen or higher grade (led lamp)		
3 4 4.1 4.2 5 5.1 5.2 5.3 5.4 6 6.1 6.2 6.3 6.4	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: Technical Specification: Filters: Ranging nm: Light source: Methods:	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 shuld 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. Should be microprocessor controlled general purpose bi-chromatic photometer At least 7 Filters. 340 to 700 nm Or Better. Tungsten/ halogen or higher grade (led lamp) End point, kinetic and two point kinetic measurement modes or more		
3 4 4.1 4.2 5 5.1 5.2 5.3 5.4 6 6.1 6.2 6.3 6.4 7	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: Technical Specification: Filters: Ranging nm: Light source: Methods: Printer:	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 shuld 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. Should be microprocessor controlled general purpose bi-chromatic photometer At least 7 Filters. 340 to 700 nm Or Better. Tungsten/ halogen or higher grade (led lamp) End point, kinetic and two point kinetic measurement modes or more Build-in		
3 4 4.1 4.2 5 5.1 5.2 5.3 5.4 6 6.1 6.2 6.3 6.4 7	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: Technical Specification: Filters: Ranging nm: Light source: Methods: Printer: Measurement Range: Display:	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 shuld 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. Should be microprocessor controlled general purpose bi-chromatic photometer At least 7 Filters. 340 to 700 nm Or Better. Tungsten/ halogen or higher grade (led lamp) End point, kinetic and two point kinetic measurement modes or more Build-in from 0.001 to 2.300Abs or better LCD display. Touch Screen Quality control – two control/test QC survey of at least 30 points, Levy		
3 4 4.1 4.2 5 5.1 5.2 5.3 5.4 6 6.1 6.2 6.3 6.4 7 8	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: Technical Specification: Filters: Ranging nm: Light source: Methods: Printer: Measurement Range: Display: Control:	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 shuld 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. Should be microprocessor controlled general purpose bi-chromatic photometer At least 7 Filters. 340 to 700 nm Or Better. Tungsten/ halogen or higher grade (led lamp) End point, kinetic and two point kinetic measurement modes or more Build-in from 0.001 to 2.300Abs or better LCD display. Touch Screen Quality control – two control/test QC survey of at least 30 points, Levy Jenny plot.		
3 4 4.1 4.2 5 5.1 5.2 5.3 5.4 6 6.1 6.2 6.3 6.4 7 8	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: Technical Specification: Filters: Ranging nm: Light source: Methods: Printer: Measurement Range: Display:	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 shuld 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. Should be microprocessor controlled general purpose bi-chromatic photometer At least 7 Filters. 340 to 700 nm Or Better. Tungsten/ halogen or higher grade (led lamp) End point, kinetic and two point kinetic measurement modes or more Build-in from 0.001 to 2.300Abs or better LCD display. Touch Screen Quality control – two control/test QC survey of at least 30 points, Levy		









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
13	Technical Specifications	•	Didders Offer	Notes
14	+	Should be provided with sample carry over prevention facility. Aspiration should be based on Bellow/Peristaltic Pump/ Vacuum pump.		
14		Should provide: 500 ml of reagents for urea, S. creatine, S.		
15	Reagents:	bilirubin, sugar, cholesterol, and Quality control 5ml one		
	Trongonia (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		
19	Training:	Users /Nurses and Biomedical Engineers Training, by Specialist from the Supplier.		
20	Dawar Cumlayı	100 to 240 V ~ $\pm 10\%$, 50/60 Hz Single Phase automatic range selection		
20	Power Supplay:	(power cable Compatible with the Hospital electric outlet plug, 5 mt), Electrical Safety class 1		
21	Other Specification:	Please Specify Other Specifications.		
GWQ-24	Item Description	Dental Unit, Completed With Accessories	سنان مع الملحقات	و حدة أس
3 H Q 21	Oty	3		
No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
1	Manufacturer:	Please Specify Manufacturer Name.	Didders Offer	Tiotes
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			
4.2	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		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:			
10.1		Attached to the chair with over head delivery system to accommodate up the 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		One fiber optic air rotor connection with quick disconnect coupling.		
10.4		one most optic an rotal connection with quiet disconnect coupling.		









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
	Technical Specifications	All the controls of the chair should be touch pad on doctor's &	Diddel 5 Office	Tiotes
10.6		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		X-Ray Viewer Originally Mounted.		
10.12	+	Fiberoptic Scaling Unit (Electric e coolant, min. 3 pcs. S.H.)		
10.13	Spittoon/Water Unit	Light curing system (min. p.p. 2mm, e protecting glass)		
11	Specification:			
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		About 260 degree of rotation of light arm movement.		
12.3		Easy to adjust with only one handle on each side		
12.4		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		230V, 50Hz		
13.8		Oilless		
13.9		Silent		
14	Dental Stool:	2 X Dental Stool		
14.1		Height adjustable with 5 double sided castors, Adjustable seat height: Maximum not less than 63 cm, Minimum not more than 50cm		
14.2		Back Rest		
15	Accessories:			
15.1		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		
15.4		1 X Foot control: Single foot control For all instruments, with variable speed control.		
15.5		1 X Internal Fiberoptic Scaling Unit		
15.6		1 X Internal Light curing system		
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	Training:	Users /Nurses and Biomedical Engineers Training, by Specialist from the Supplier.		
19	Power Supplay:	100 to 240 V $\sim \pm 10\%$, 50/60 Hz Single Phase automatic range selection (power cable Compatible with the Hospital electric outlet plug, 5 mt), Electrical Safety class 1		









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
20	Other Specification:	Please Specify Other Specifications.	Diddel 5 Offer	11000
GWQ-25	Item Description	Disinfection Ultraviolet Lamp With Infrared Sensor	م هواء مع متحسس لة تحت الحمراء	لمبة تعقييد
	Qty	1		
No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
1	Manufacturer :	Please Specify Manufacturer Name.	2100015 01101	11000
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.		
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:	Hgh quality, Safety, Ease of Use		
5.4	Supplier:	the supplier is required to be a certified distributor or agent of the company.		
5	Type:	Destable Lawrence At Co. 11. C.		
5.1		Bacterial Lamp for Air Sterilization UVC shall be emitted thru vacuum ionizing tube (Weak permeation). Useful power shall be at least 45% of nominal power (30W)		
6	Lifetime:	Lifetime shall be at least 7500 Hrs. Radiation shall be witnessed by means of blue light emission		
7	Timer:	Timer shall assert the limit period of the ionized tube running		
8	Castors:	Four casters ,two with brakes		
9	Accessories:	Remote Control		
9.1		4 Lamps as Spare Part.		
10	Power supply:	100 to 240 V $\sim \pm 10\%$, 50 Hz (power cable Compatible with the Hospital electric outlet, plug), Electrical Safety class 1, with indicators for power		
11	Estimated life-Span of the Device:	At Least 7 Years		
12	Maintenance:	2 Years free maintenance.		
13	Training:	User /Nurses training, by Specialist from the Supplier.		
14	Other Specification:	Please Specify Other Specifications.		
GWQ-26	Item Description	Diagnostic Set (ENT) Otoscope & Ophthalmoscope.	ص الأذن والأنف والحنجرة	طقم فحد
	Oty	1		
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:	Deguined Contificates		
4.1	FDA Certificate Or CE Mark: If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either:	Required Certificates Australia, Canada, Europe Union, Japan, USA and UK		
5	Designed:	Heavy Duty Designed, New Model.		
5.1	Quality:	High Quality.		









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

No.	Technical Specifications	ورید تنجهیر و دلیت قلم طواری الودده بمستشکی راش العاره – مدیریه العاره Min MOH Requirement	Bidders Offer	Notes
	•	The Supplier is Required to be a Certified Distributor or Agent of The	Didders Offer	TTOTES
5.2	Supplier:	Company.		
6	Type:	Portable ENT Diagnostic Set.		
7	Main Unit:	Head Mirror with Adjustable Band and 19 mm Diameter.		
8	Accessories:			
8.1		Ophthalmoscope.		
8.2		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. Portable Case.		
8.9	I ifo Snon for Itom.	7 Years		
10	Life Span for Item:	Minimum of 1 Year.		
11	Warranty: Other Specification:	Please Specify Other Specifications.		
11	Omer Specification:			÷ 10 11 1
GWQ-27	Item Description	Automatic Heamatology cbc Complete Blood Cell	لليا الدم (فحص الدم	جهار عد ح
		Counter	العام)	_
	Qty	3		
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		
	If The Machine Have CE			
4.2	Certificate Product Needs To	Anothelia Canada Ermana Huian Janan HCA and HV		
4.2	Have Market Clearance For	Australia, Canada, Europe Union, Japan, USA and UK		
	Either:			
		The unit shall be safe to use both for -the operator and the patient. Class		
5	Genaral Specification:	I, Protection against leakage current, protection against electric shocks:		
5 1	Dogianode	class I, Waterproofnessl.		
5.1	Designed:	Heavy Duty Designed, New Model. The Machine should be of Latest Model and Must have Lattest		
5.2		Technology		
5.3	Quality:	High Quality, Safety, Ease of Use		
	•	the Supplier is required to be a Certified Distributor or Agent of the		
5.4	Supplier:	Company.		
6	Principle:	(Electrical Impedance Method- WBC / RBC / PLT, Colorimetric- HGB		
	Configuration	Danahtan		
7	Configuration:	Benchtop. 2 Part Differential New model Able for High load & Hard work		
8 9	Type: Parameters:	3 Part Differential, New model, Able for High load & Hard work. At Least (18 parameters includes + 3 Histogram)		
–	Test Menu:	WBC, LYM#, MID#, GRA#, LYM MID%, GRA%, RBC, HGB,		
9.1	i est ivienu.	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.		
12	Sample Volume:	Should be less than 50 µl for all parameters including Pediatric Samples		
	D: 1 ==	(20 µl 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.		









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
14.1	pecifications	Automatic cleaning of Samples probe (internal & External)		11000
15	Operating Platform:	Please Specify The Operation System		
	System Control:	Should have built in microprocessor controller with auto calibration,		
16	System Common.	self diagnostic check Error codes Display with auto alarm.		
17	Quality Control:	Must have extensive in built QC Programme.		
17.1		The firm must have their own quality controls and calibrators		
18	Results:	(Internal memory can store at liest 10000- 40,000 Test values with		
		Histograms)		
19	Interface:	Please Specify The Ports		
20	Calibration:	(Both Automatic and Manual Calibration mode. 3 sets of Calibration coefficient for Whole Blood, Anti-coagulant Peripheral Blood and Pre-		
20		diluted Peripheral Blood.)		
21	Accuracy:	Should have high Accuracy ,should be WBC- 3% or lower, RBC - 1%		
21		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.		
24.1	Machine with close Or open	Please Specify close Or open system.		
27.1	system:			
24.2	Cost of Soluations:	should be offered with the cost of soluations & consumbles per Test for		
	Cost of Columbians Des Tests	Five Years.		
24.3	Cost of Soluations Per Test: Number of petaint's:	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:			
26.1		2 Years Free Maintenace.		
26.2		Service Manual and Operation Manual {Hardcopy & Softcopy}		
26.3		Application Software and Interface Connection Included.		
27	Accessories:	Act of CT of Horizontal Control of CT of Horizontal CT of Horizontal CT of Horizontal CT of CT o		
27.1		At the time of Installation of equipment to consignee, company should supply 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.		
GWQ-28	Item Description	Automated Micropipette ,Variable Type (Different Sizes)	ب العينات مختلف الأحجام	طقم سح
	Qty	1		
No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
1	Manufacturer:	Please Specify Manufacturer Name.		_ , 0 000
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		









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
	If The Machine Have CE			_ , 0 000
	Certificate Product Needs To			
4.2	Have Market Clearance For	Australia, Canada, Europe Union, Japan, USA and UK		
	Either:			
5	Designed:	Heavy Duty Designed, New Model.		
5.1	Quality:	High Quality.		
		The Supplier is Required to be a Certified Distributor or Agent of The		
5.2	Supplier:	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		Easy Maintenance and Calibration.		
7	Type:	Single Variable		
8	Each Set Contents Of:	1 V 100 1000I		
8.1		1 X 100 – 1000 μ1		
8.2		1 X 20 – 200 μl		
8.3 8.4		1 X 10 – 100 μl 1 X 5 - 50 μl		
9	Accessories:	1 X 5 - 50 μl		
9.1	Accessories:	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.		
12	other specification.	rease specify outer specifications.	ض الفولتية خاص	نظاد خفو
	_	Power Storge Unite (DSII) Rettory Penk (2KW to		
GWQ-29	Item Description	Power Storge Unite (PSU) Battery Bank (3KW to 5KW) For X-Ray من DRGEM COMP.	شعة نظام بطاريات شركة درجم	
GWQ-29	Item Description Output Outp		شعة نظام بطاريات شركة درجم	
GWQ-29 No.			شعة نظام بطاريات شركة درجم Bidders Offer	
	Qty	DRGEM COMP. عن 5KW) For X-Ray من		بجهار الأث
No.	Qty Technical Specifications	DRGEM COMP. المن 5KW) For X-Ray المن DRGEM COMP. Min MOH Requirement		بجهار الأث
No. 1	Qty Technical Specifications Manufacturer:	5KW) For X-Ray نه DRGEM COMP. 1 Min MOH Requirement Please Specify Manufacturer Name.		بجهار الأث
No. 1 2	Qty Technical Specifications Manufacturer: Model Number:	DRGEM COMP. 1 Min MOH Requirement Please Specify Manufacturer Name. Please Specify Model Number of The Offered Equipment.		بجهار الأث
No. 1 2 3	Qty Technical Specifications Manufacturer: Model Number: Country Of origin: Safety Standard: FDA Certificate Or CE Mark	DRGEM COMP. 1 Min MOH Requirement Please Specify Manufacturer Name. Please Specify Model Number of The Offered Equipment.		بجهار الأث
No. 1 2 3 4	Qty Technical Specifications Manufacturer: Model Number: Country Of origin: Safety Standard: FDA Certificate Or CE Mark If The Machine Have CE	DRGEM COMP. 1 Min MOH Requirement Please Specify Manufacturer Name. Please Specify Model Number of The Offered Equipment. Please Specify Country of Origin of The Offered Equipment.		بجهار الأث
No. 1 2 3 4	Qty Technical Specifications Manufacturer: Model Number: Country Of origin: Safety Standard: FDA Certificate Or CE Mark	DRGEM COMP. 1 Min MOH Requirement Please Specify Manufacturer Name. Please Specify Model Number of The Offered Equipment. Please Specify Country of Origin of The Offered Equipment.		بجهار الأث
No. 1 2 3 4 4.1	Qty 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	DRGEM COMP. I 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:		بجهار الأث
No. 1 2 3 4 4.1	Qty 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:	DRGEM COMP. 1 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		بجهار الأث
No. 1 2 3 4 4.1 4.2	Qty 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:	DRGEM COMP. I 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.		بجهار الأث
No. 1 2 3 4 4.1 4.2 5 5.1	Qty 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:	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		بجهار الأث
No. 1 2 3 4 4.1 4.2 5 5.1 5.2	Qty 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:	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		بجهار الأث
No. 1 2 3 4 4.1 4.2 5 5.1 5.2 5.3	Qty 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. 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		بجهار الأث
No. 1 2 3 4 4.1 4.2 5 5.1 5.2 5.3 5.4	Qty 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. 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		بجهار الأث
No. 1 2 3 4 4.1 4.2 5 5.1 5.2 5.3 5.4	Qty 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. 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		بجهار الأث









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
110.	1 confical Specifications	Approx. DC 380V / 7A~12A (12V / 7A Battery 28EA Batteries in	Didders Offer	Hotes
7.2	Output:	series)		
7.3	Charging:	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		
7.5	Charging .	batteries and charges batteries when it becomes discharged		
8	Function Explanation of			
	Overall Operation and Panel:			
8.1		When inputting AC 220V to AC INPUT, AC power is supplied to DVM, PCB and System. PCB that AC power is supplied detects		
0.1		Battery charging condition for operation.		
8.2	DVM:	DVM is to display whole voltage of voltage. When battery is fully		
8.3	BRAKER:	charged, approximately DC380V can be output. 2ea Bracker are for AC input, DC output and system ON/OFF.		
		AC power is supplied to Inlet and the supplied AC comes out from		
8.4	Inlet, Outlet:	Outlet.		
8.5	Terminal 1 (DC Output):	DC power output from this terminal. Voltage displayed on DVM comes out from this terminal.		
		Charging condition can be checked from LED or Screen, When batteries		
8.6	LED (RED) or LCD Screen:	are charged LED is turned on but when charging is finished, LED is		
0	A direction and of DCD 37-14	turned off. Or appearing on Screen		
9	Adjustment of PCB Voltage:	PCB is set for battery charging voltage. Charging voltage per 12V		
0.1		battery is $13.65V \pm 0.25$ as standard. The supplied power to PCB from		
9.1		2EA batteries in series is 27.30V. Voltage can be done by adjusting		
10	I if Cross for Itoms	each module VR1~14 on battery charger board		
10 11	Life Span for Item: Warranty:	10 Years Minimum of 2 Years		
12	Other Specification:	Please Specify Other Specifications.		
GWQ-30	Item Description	Dental Extraction Set	م خلع الاسنان	طقم
	Otv	5		
No.	Qty Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
No. 1			Bidders Offer	Notes
1 2	Technical Specifications Manufacturer: Model Number:	Min MOH Requirement Please Specify Manufacturer Name. Please Specify Model Number of The Offered Equipment.	Bidders Offer	Notes
1 2 3	Technical Specifications Manufacturer: Model Number: Country Of Origin:	Min MOH Requirement Please Specify Manufacturer Name.	Bidders Offer	Notes
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.	Bidders Offer	Notes
1 2 3	Technical Specifications Manufacturer: Model Number: Country Of Origin: Safety Standard: FDA Certificate Or CE Mark:	Min MOH Requirement Please Specify Manufacturer Name. Please Specify Model Number of The Offered Equipment.	Bidders Offer	Notes
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.	Bidders Offer	Notes
1 2 3 4	Technical Specifications Manufacturer: Model Number: Country Of Origin: Safety Standard: FDA Certificate Or CE Mark:	Min MOH Requirement Please Specify Manufacturer Name. Please Specify Model Number of The Offered Equipment. Please Specify Country of Origin of The Offered Equipment.	Bidders Offer	Notes
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	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.	Bidders Offer	Notes
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: 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 Heavy duty Designed, New Model.	Bidders Offer	Notes
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 Heavy duty Designed, New Model. High Quality.	Bidders Offer	Notes
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: 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 Heavy duty Designed, New Model.	Bidders Offer	Notes
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: Designed: Quality:	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.	Bidders Offer	Notes
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: 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 Heavy duty Designed, New Model. High Quality. the Supplier is required to be a Certified Distributor or Agent of the Company. I X Upper Premolar Wisdom & Roots Dental Extracting Extraction	Bidders Offer	Notes
1 2 3 4 4.1 4.2 5 5.1 5.2 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: Designed: Quality: Supplier:	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.	Bidders Offer	Notes
1 2 3 4 4.1 4.2 5 5.1 5.2 6 6.1	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: Designed: Quality: Supplier:	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. 1 X Upper Premolar Wisdom & Roots Dental Extracting Extraction Forceps Mead #1.	Bidders Offer	Notes
1 2 3 4 4.1 4.2 5 5.1 5.2 6 6.1 6.2	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: Designed: Quality: Supplier:	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. 1 X Upper Premolar Wisdom & Roots Dental Extracting Extraction Forceps Mead #1. 1 X Upper Molars Dental Extracting Extraction Forceps Mead #2. 1 X Lower Incisors Dental Extracting Extraction Forceps Mead #3. 1 X Lower Molar Dental Extracting Extraction Forceps Mead #4.	Bidders Offer	Notes
1 2 3 4 4.1 4.2 5 5.1 5.2 6 6.1 6.2 6.3	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: Designed: Quality: Supplier:	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. 1 X Upper Premolar Wisdom & Roots Dental Extracting Extraction Forceps Mead #1. 1 X Upper Molars Dental Extracting Extraction Forceps Mead #2. 1 X Lower Incisors Dental Extracting Extraction Forceps Mead #4. 1 X Dental Upper Incisors Cuspids Bicuspids Roots Extracting	Bidders Offer	Notes
1 2 3 4 4.1 4.2 5 5.1 5.2 6 6.1 6.2 6.3 6.4 6.5	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:	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. 1 X Upper Premolar Wisdom & Roots Dental Extracting Extraction Forceps Mead #1. 1 X Upper Molars Dental Extracting Extraction Forceps Mead #2. 1 X Lower Incisors Dental Extracting Extraction Forceps Mead #3. 1 X Lower Molar Dental Extracting Extraction Forceps Mead #4. 1 X Dental Upper Incisors Cuspids Bicuspids Roots Extracting Extracting Forceps with Gold Handle	Bidders Offer	Notes
1 2 3 4 4.1 4.2 5 5.1 5.2 6 6.1 6.2 6.3 6.4	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: Designed: Quality: Supplier:	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. 1 X Upper Premolar Wisdom & Roots Dental Extracting Extraction Forceps Mead #1. 1 X Upper Molars Dental Extracting Extraction Forceps Mead #2. 1 X Lower Incisors Dental Extracting Extraction Forceps Mead #4. 1 X Dental Upper Incisors Cuspids Bicuspids Roots Extracting Extracting Extraction Forceps with Gold Handle 1 X Dental Lower Incisors Cuspids Bicuspids Roots Extracting Extraction Forceps with Gold Handle.	Bidders Offer	Notes
1 2 3 4 4.1 4.2 5 5.1 5.2 6 6.1 6.2 6.3 6.4 6.5	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:	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. 1 X Upper Premolar Wisdom & Roots Dental Extracting Extraction Forceps Mead #1. 1 X Upper Molars Dental Extracting Extraction Forceps Mead #2. 1 X Lower Incisors Dental Extracting Extraction Forceps Mead #3. 1 X Lower Molar Dental Extracting Extraction Forceps Mead #4. 1 X Dental Upper Incisors Cuspids Bicuspids Roots Extracting Extraction Forceps with Gold Handle. 1 X Dental Extracting Extraction Lower Molar Cow Horn Forceps #23	Bidders Offer	Notes
1 2 3 4 4.1 4.2 5 5.1 5.2 6 6.1 6.2 6.3 6.4 6.5 6.6	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: Designed: Quality: Supplier:	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. 1 X Upper Premolar Wisdom & Roots Dental Extracting Extraction Forceps Mead #1. 1 X Upper Molars Dental Extracting Extraction Forceps Mead #2. 1 X Lower Incisors Dental Extracting Extraction Forceps Mead #3. 1 X Lower Molar Dental Extracting Extraction Forceps Mead #4. 1 X Dental Upper Incisors Cuspids Bicuspids Roots Extracting Extraction Forceps with Gold Handle 1 X Dental Extracting Extraction Extracting Extraction Forceps with Gold Handle. 1 X Dental Extracting Extraction Lower Molar Cow Horn Forceps #23 With Gold Handle.	Bidders Offer	Notes
1 2 3 4 4.1 4.2 5 5.1 5.2 6 6.1 6.2 6.3 6.4 6.5	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:	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. 1 X Upper Premolar Wisdom & Roots Dental Extracting Extraction Forceps Mead #1. 1 X Upper Molars Dental Extracting Extraction Forceps Mead #2. 1 X Lower Incisors Dental Extracting Extraction Forceps Mead #3. 1 X Lower Molar Dental Extracting Extraction Forceps Mead #4. 1 X Dental Upper Incisors Cuspids Bicuspids Roots Extracting Extraction Forceps with Gold Handle. 1 X Dental Extracting Extraction Lower Molar Cow Horn Forceps #23	Bidders Offer	Notes









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
6.1		1 X Heidbrink Root Tip Pick Elevator Right.		
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".		
6.24		1 X Crane Elevator Right.		
6.25		1 X Crane Elevator Left.		
6.26		1 X Periosteal Elevator Molt M9.		
6.27		1 X Periosteal Elevator Seldin S23.		
6.28		1 X Dental Mirror #5.		
6.29		1 X College Cotton Plier.		
6.3		1 X Dental Explorer Probe #5.		
6.31		1 X Minnesota Cheek Retractor.		
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:	10 Years		
8	Warranty:	Minimum of 1 Year.		
_	-			
9	Other Specification:	Please Specify Other Specifications.		
9 GWQ-31	Other Specification: Item Description	Please Specify Other Specifications. Dental Restorative Set	ترميم الاسنان	طقم
	Item Description	Dental Restorative Set	ترميم الاسنان	طقم
			ترميم الاسنان Bidders Offer	طقم Notes
GWQ-31	Item Description Qty	Dental Restorative Set 5		
GWQ-31 No.	Item Description Qty Technical Specifications Manufacturer:	Dental Restorative Set 5 Min MOH Requirement		
No. 1	Item Description Qty Technical Specifications Manufacturer: Model Number:	Dental Restorative Set 5 Min MOH Requirement Please Specify Manufacturer Name.		
No. 1 2	Item Description Qty Technical Specifications Manufacturer: Model Number: Country Of Origin:	Dental Restorative Set 5 Min MOH Requirement Please Specify Manufacturer Name. Please Specify Model Number of The Offered Equipment.		
No. 1 2 3 4	Item Description Qty Technical Specifications Manufacturer: Model Number:	Dental Restorative Set 5 Min MOH Requirement Please Specify Manufacturer Name. Please Specify Model Number of The Offered Equipment.		
No. 1 2 3	Item Description Qty Technical Specifications Manufacturer: Model Number: Country Of Origin: Safety Standard:	Dental Restorative Set 5 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	Item Description Qty Technical Specifications Manufacturer: Model Number: Country Of Origin: Safety Standard: FDA Certificate Or CE Mark:	Dental Restorative Set 5 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	Item Description Qty Technical Specifications Manufacturer: Model Number: Country Of Origin: Safety Standard: FDA Certificate Or CE Mark: If The Machine Have CE	Dental Restorative Set 5 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	Item Description Qty Technical Specifications Manufacturer: Model Number: Country Of Origin: Safety Standard: FDA Certificate Or CE Mark: If The Machine Have CE Certificate Product Needs To	Dental Restorative Set 5 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	Item Description Qty 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	Dental Restorative Set 5 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	Item Description Qty 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:	Dental Restorative Set 5 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		
No. 1 2 3 4 4.1 4.2	Item Description Qty 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:	Dental Restorative Set 5 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		
Solution (No.) 1 2 3 4 4.1 4.2	Item Description Qty 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:	Dental Restorative Set 5 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.		
Solution (Section 1)	Item Description Qty 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:	Dental Restorative Set 5 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		
Solution (No.) No. 1 2 3 4 4.1 4.2 5 5.1 5.2	Item Description Qty 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:	Dental Restorative Set Sample		
Solution State Solution Sta	Item Description Qty 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:	Dental Restorative Set 5 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. 1 X Amalgam Burnisher.		
Solution No. 1 2 3 4 4.1 4.2 5 5.1 5.2 6 6.1 6.2	Item Description Qty 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:	Dental Restorative Set S 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. 1 X Amalgam Burnisher. 1 X Amalgam Carrier.		
Solution State No. 1	Item Description Qty 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:	Dental Restorative Set 5 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. 1 X Amalgam Burnisher. 1 X Amalgam Carrier. 1 X Amalgam Plugger.		
Solution State Solution State No. 1	Item Description Qty 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:	Dental Restorative Set Sample		
Solution State Soluti	Item Description Qty 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:	Dental Restorative Set Sample		
Solution State Soluti	Item Description Qty 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:	Dental Restorative Set Sample		









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

		وريد لنجهيز ونانيت فسم طوارئ الولاده بمستشفى راس العاره — مديريه العاره		
No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
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 1 Year.		
9	Other Specification:	Please Specify Other Specifications.		
GWQ-32	Item Description	UltraSonic Scaling Unit	، وتبيض بالموجات ق الصوتية	وحدة تنظيف
	Qty	5		
No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
1	Manufacturer:	Please Specify Manufacturer Name.	Didders Offer	110105
2	Model Number:	Please Specify Model Number of The Offered Equipment.		
3	Country Of Origin:	Please Specify Country of Origin of The Offered Equipment. Please Specify Country of Origin of The Offered Equipment.		
4	Safety Standard:	rease specify country of Origin of The Offered Equipment.		
4.1	FDA Certificate Or CE Mark:	Required Certificates		
7.1	If The Machine Have CE	Required Certificates		
	Certificate Product Needs To			
4.2	Have Market Clearance For	Australia, Canada, Europe Union, Japan, USA and UK.		
	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 should be of Latest Model and Must have Lattest		
5.3	Quality:	Technology High Quality, Safety, Ease of Use		
	Quanty:	the Supplier is Required to be a Certified Distributor or Agent of The		
5.4	Supplier:	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:			
11.1	Power Range:	25000- 35000		
12	Cycles Adjustable:			
12.1	Vibrating Frequency:	28 to 40 KHz		
12.2	Control:	Foot Switch Operated		
12.3	Water Pressure:	1 to 3 Bar.		
13	Life Span for Machine:	10 Years		
14	Maintenance:			
14.1		2 Years Free Maintenace.		
14.2		Service Manual and Operation Manual {Hardcopy & Softcopy}		









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

14.3 Application Software and Interface Cornection Included.	No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
15 Power Supplay: Compatible with the Proposite learner coules plag, S. mt. p. Electrical Sarfey class.		Technical Specifications	•	bluders Offer	Notes
Safety State Comparitive with the Hospital electric routes plage, Son a), Flexinizal Safety states Safety Standards	14.3				
Surley Class	15	Power Suppley			
Please Specify Other Specifications Please Specify Other Specifications	13	Tower Supplay.			
Section Person	16	Other Specification:			
No. Technical Specifications Min MOH-Requirement Bidders Offer Note	GWO-33		Dental Amalgamator	خلط الحشوات	جهاز
No. Technical Specifications 1 Manufacturer: Please Specify Manufacturer Name. 2 Model Number: Please Specify Model Number of The Offered Equipment. 3 Country Of Origin: Please Specify Model Number of The Offered Equipment. 4 Safety Standard: Please Specify Country of Origin of The Offered Equipment. 4 Safety Standard: Please Specify Country of Origin of The Offered Equipment. 4 Safety Standard: Please Specify Country of Origin of The Offered Equipment. 4 Please Specify Country of Origin of The Offered Equipment. 4 Safety Standard: Please Specify Country of Origin of The Offered Equipment. 4 Safety Standard: Please Specify Country of Origin of The Offered Equipment. 5 Safety Standard: Please Specify Country of Origin of The Offered Equipment. 5 Safety Standard: Please Specify Country of Origin of The Offered Equipment. 5 Safety Standard: Please Specify Origin of The Offered Equipment. 5 Safety Standard: Please Specify Origin of The Offered Equipment. 5 Safety Standard: Please Specify Origin of The Offered Equipment. 6 Supplier: Please Specify Origin of The Offered Distributor or Agent of The Company. 6 Supplier: Please Specify Origin of The Materials with the Rotation Mixing Principle. 7 Please Specify Origin of The Materials with the Rotation Mixing Principle. 8 Please Specify Origin of The Materials of The Materials of The Material Origin of The Origin of Th	311 Q 22				3 ()
Manufacturer: Please Specify Manufacturer Name.	No			Diddong Offen	Notes
Please Specify Model Number: Please Specify Model Number of The Offered Equipment.		1	<u> </u>	bluders Offer	Notes
Country Of Origin: Please Specify Country of Origin of The Offered Equipment.					
Safety Standard:					
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 Lenter: In the market Clearance For Either: The unit shall be safe to use both for -the operator and the patient. Class Lenter: In the Machine Have CE Centification: In the Machine Have CE Leavy dusy Designed Seakage current, protection against electric shocks: class I, Waterproofiness! Leavy dusy Designed. New Model. The Machine should be of Luess Model and Must have Lattest Technology Lenter of the Supplier is Required to be a Certified Distributor or Agent of The Company. Destal Amalgamator — Universal Mixing Unit for Dental Materials in Capatles With Digital Time: Homogeneous Mixing of the Materials with the Rotation Mixing Principle Virtually Void-Free and Particularly Easy Dispensing of The Material Owing to Centrifugal Movement. Capatles Are Simply Inserted Into the Self-Locking Capatle Holder Centrifugal Movement. 10 Capatles Are Simply Inserted Into the Self-Locking Capatle Holder Centrifugal Movement. 11 Can only Operate When the Protective Over is Closed Ensuring Optimum Safety Extremely Silest Mixing 13 Mixing Speed: 2850 Oscillations per Minute or Better 14 Centrifuging Speed: 2950 oscillations per Minute or Better 15 Life Span for Machine: 16 Maintenance: 17 Power Supplay: 18 Other Specification: Power Supplay: 19 Companies With the Hospital electric outlet plug, 5 mt.), Electrical Service Manual and Operation Manual (Hardcopy & Softcopy) 10 Application Software and Interface Connection Included. 100 to 240 V = -10%, 5000 Hix Single phase (power cable Companies with the Hospital electric outlet plug, 5 mt.), Electrical Service Manual and Operation Manual (Hardcopy & Softcopy) 17 Power Supplay: 18 Other Specification: Please Specify Manufacturer Natue. Please Specify Manufacturer Natue. 2 Model Number: Please Specify Model Number of The Offered Equipment.			Flease Specify Country of Origin of The Offered Equipment.		
If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either:			Required Certificates		
Australia, Canada, Europe Union. Japan, USA and UK. Either:	7.1		required certificates		
Have Market Clearance For Either: Alistralia, Canada, Europe Union, Japan, USA and UK.					
Either: The unit shall be safe to use both for -the operator and the patient. Class 1, Protection against leakage current, protection against electric shocks: class 1, Waterproofnessl.	4.2		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. Waterprodness! 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 the Supplier: the Supplier is Required to be a Certified Distributor or Agent of The Company. 6 Dettal Amalgamator — Universal Mixing Unit for Dental Materials in Capsules With Digital Timer 7 Dettal Amalgamator — Universal Mixing Unit for Dental Materials in Capsules With Digital Timer 8 Oving to Centrifugal Movement. 9 Capsules Are Simply Inserted Into the Self-Locking Capsule Holder 10 Centrifugal Movement on Be Switched 107 if Required. 11 Opportunion Safety Opinium Safety Opinium Safety Opinium Safety Opinium Safety Opinium Safety Opinium Safety 12 Externely 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: 10 Years 16 Maintenance: 16 Maintenance: 17 Power Supplay: Companyle with the Hospital electric outlet plug. 5 mt), Electrical Safety class 1 16 Other Specification: Please Specify Other Specifications. 17 Power Supplay: Another Specifications Other Specification: Please Specify Other Specifications. 18 Other Specification: Please Specify Model Namber with Ventilator Oting Manufacturer: Please Specify Model Namber of Offered Equipment. 19 Please Specify Model Name.					
class I, Waterproofnessl. Ideavy duty Designed; New Model.			The unit shall be safe to use both for -the operator and the patient. Class		
S.1 Designed: Heavy duty Designed, New Model.	5	Genaral Specification:	I, Protection against leakage current, protection against electric shocks:		
5.2 The Machine should be of Latest Model and Must have Lattest Technology 5.3 Quality: High Quality, Safety, Ease of Use the Supplier: Required to be a Certified Distributor or Agent of The Company. Detail Amalgamator — Universal Mixing Unit for Dental Materials in Capsules With Digital Timer Homogeneous Mixing of the Materials with the Rotation Mixing Principle Virtually Void-Free and Particularly Easy Dispensing of The Material Owing to Centrifugal Movement. Capsules Are Simply Inserted Into the Self-Locking Capsule Holder Centrifugal Movement Can Be Switched Off if Required. It Can only Operate When the Protective Cover is Closed Ensuring Optimum Safety Life Speed: 2850 Oscillations per Minute or Better A Centrifuging Speed: 2950 oscillations per Minute or Better Life Span for Machine: 10 Years Application Software and Interface Connection Included. 10 Years 11 Power Supplay: Service Manual and Operation Manual (Hardcopy & Softcopy) Application Software and Interface Connection Included. 10 10 10 240 V = 10%, 50/60 Hz Single phase (power cable Compatible with the Hospital electric outlet plug, 5 mt.), Electrical Safety class 1 11 Battery Operated With Minimum & Hours Battery Operation Please Specify Other Specifications. Anesthesia Machine with Ventilator Oty No. Technical Specifications Min MOH Requirement Bidders Offer Note Please Specify Model Number of The Offered Equipment. Please Specify Model Number of The Offered Equipment.					
10 Centrifugal Movement Can Be Switched Off if Required. 11 Maintenance: 12 Years Free Maintenance: 13 Application Softward and and perfect of the Compatible Softward and Inches Softward Sof	5.1	Designed:			
S.3 Quality: High Quality, Safety, Ease of Use the Supplier: the Supplier is Required to be a Certified Distributor or Agent of The Company.	5.2				
be Supplier: the Supplier is Required to be a Certified Distributor or Agent of The Company. Dental Amalgamator — Universal Mixing Unit for Dental Materials in Capsules With Digital Timer Homogeneous Mixing of the Materials with the Rotation Mixing Principle Virtually Void-Free and Particularly Easy Dispensing of The Material Owing to Centrifugal Movement Owing to Centrifugal Movement Capsules Are Simply Inserted Into the Self-Locking Capsule Holder Centrifugal Movement Can Be Switched Off if Required. It Can only Operate When the Protective Cover is Closed Ensuring Optimum Safrey Extremely Silent Mixing Awaira Sepecit 2850 Oscillations per Minute or Better Life Span for Machine: 10 Years Maintenance: 2850 Oscillations Per Minute or Better Life Span for Machine: 10 Years Free Maintenace. 16.1 2 Years Free Maintenace. 16.2 Service Manual and Operation Manual {Hardcopy & Softcopy} Application Software and Interface Connection Included. 10 to 240 V ~ ± 10%, 50/60 Hz Single phase (power cable Compatible with the Hospital electric outlet plug, S mt), Electrical Safety class I Battery Operated With Minimum 8 Hours Battery Operation The Other Specification: Please Specify Other Specifications. Windel Number: Please Specify Manufacturer Name. 2 Model Number: Please Specify Model Number of The Offered Equipment.	5 3	Quality			
Supplier: Company. Company					
Capsules With Digital Timer Homogeneous Mixing of the Materials with the Rotation Mixing Principle Princi	5.4	Supplier:			
The Capsules With Digital Timer Homogeneous Mixing of the Materials with the Rotation Mixing Principle Nirtually Void-Free and Particularly Easy Dispensing of The Material Owing to Centrifugal Movement. Capsules Are Simply Inserted Into the Self-Locking Capsule Holder Centrifugal Movement Can Be Switched Off if Required. It Can only Operate When the Protective Cover is Closed Ensuring Optimum Safety Extremely Silent Mixing Alixing Speed: Extremely Silent Mixing Sesso Oscillations per Minute or Better Centrifuging Speed: 2950 oscillations Per Minute or Better Life Span for Machine: 10 Years 16 Maintenance: 16 Maintenance: 16.2 Service Manual and Operation Manual {Hardcopy & Softcopy} Application Software and Interface Connection Included. 100 to 240 V ~ ±10%, 50/60 Hz Single phase (power cable Compatible with the Hospital electric outlet plug, 5 mt), Electrical Safety class I 17.1 Battery Operated With Minimum 8 Hours Battery Operation Please Specify Other Specifications. GWQ-34 Item Description Anesthesia Machine with Ventilator Oty No. Technical Specifications Please Specify Manufacturer Name. 2 Model Number: Please Specify Model Number of The Offered Equipment. Please Specify Ocuntry of Origin of The Offered Equipment.	(1 0		
Principle Virtually Void-Free and Particularly Easy Dispensing of The Mateiral Owing to Centrifugal Movement. Owing to Centrifugal Movement.	U				
Virtually Void-Free and Particularly Easy Dispensing of The Mateiral Owing to Centrifugal Movement.	7				
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: 10 Years 16 Maintenance: 10 Years 16.1 2 Years Free Maintenace. 16.2 Service Manual and Operation Manual {Hardcopy & Softcopy}} 16.3 Application Software and Interface Connection Included. 100 to 240 V ~ ±10%, 50/60 Hz Single phase (power cable Compatible with the Hospital electric outlet plug, 5 mt), Electrical Safety class I 17.1 Battery Operated With Minimum 8 Hours Battery Operation 18 Other Specification: Please Specify Other Specifications. GWQ-34 Item Description Anesthesia Machine with Ventilator Oty 1 Manufacturer: Please Specify Manufacturer Name. 2 Model Number: Please Specify Mondacturer Name. 2 Model Number: Please Specify Country of Origin of The Offered Equipment.			1		
Capsules Are Simply Inserted Into the Self-Locking Capsule Holder	8				
It Can only Operate When the Protective Cover is Closed Ensuring Optimum Safety	9				
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: 10 Years 16 Maintenance: 2 Years Free Maintenace. 16.1 2 Years Free Maintenace. 16.2 Service Manual and Operation Manual {Hardcopy & Softcopy} 16.3 Application Software and Interface Connection Included. 100 to 240 V ~ ±10%, 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. GWO-34 Item Description Anesthesia Machine with Ventilator Oty Power Supplay: 1 No. Technical Specifications Min MOH Requirement Bidders Offer Note 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.	10				
Spinnum Sarety Silent Mixing Extremely Silent Mixing 13 Mixing Speed: 2850 Oscillations per Minute or Better 2850 Oscillations Per Minute or Better 14 Centrifuging Speed: 2950 oscillations Per Minute or Better 15 Life Span for Machine: 10 Years 16 Maintenance: 16.1 2 Years Free Maintenace. 16.1 2 Years Free Maintenace. 16.2 Service Manual and Operation Manual {Hardcopy & Softcopy} 16.3 Application Software and Interface Connection Included. 100 to 240 V ~ ±10%, 50/60 Hz Single phase (power cable Compatible with the Hospital electric outlet plug, 5 mt), Electrical Safety class 17.1 Battery Operated With Minimum 8 Hours Battery Operation 18 Other Specification: Please Specify Other Specifications. Please Specify Other Specifications. 16 Manufacturer 100 to 240 V ~ ±10%, Software 100 to 240 V	11		It Can only Operate When the Protective Cover is Closed Ensuring		
13 Mixing Speed: 2850 Oscillations per Minute or Better 14 Centrifuging Speed: 2950 oscillations Per Minute or Better 15 Life Span for Machine: 10 Years 16 Maintenance: 2 Years Free Maintenace. 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: 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. GWQ-34 Item Description Anesthesia Machine with Ventilator Oty 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.					
14 Centrifuging Speed: 2950 oscillations Per Minute or Better 15 Life Span for Machine: 10 Years 16 Maintenance: 2 Years Free Maintenace. 16.1 2 Service Manual and Operation Manual {Hardcopy & Softcopy} 16.2 Service Manual and Operation Manual {Hardcopy & Softcopy} 16.3 Application Software and Interface Connection Included. 100 to 240 V ~ ±10%, 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. GWQ-34 Item Description Anesthesia Machine with Ventilator Oty 1 Manufacturer: Please Specify Manufacturer Name. 1 Manufacturer: Please Specify Model Number of The Offered Equipment. 2 Model Number: Please Specify Country of Origin of The Offered Equipment.					
15 Life Span for Machine: 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. 100 to 240 V ~ ±10%, 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. GWQ-34 Item Description Anesthesia Machine with Ventilator Qty 1 No. Technical Specifications Min MOH Requirement Bidders Offer Note 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.					
16.1 2 Years Free Maintenace. 16.2 Service Manual and Operation Manual {Hardcopy & Softcopy} 16.3 Application Software and Interface Connection Included. 100 to 240 V ~ ±10%, 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. GWQ-34 Item Description Anesthesia Machine with Ventilator Qty 1 No. Technical Specifications Min MOH Requirement Bidders Offer Note 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.					
16.1 2 Years Free Maintenace. 16.2 Service Manual and Operation Manual {Hardcopy & Softcopy} 16.3 Application Software and Interface Connection Included. 100 to 240 V ~ ±10%, 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. GWQ-34 Item Description Anesthesia Machine with Ventilator Qty 1 No. Technical Specifications Min MOH Requirement Bidders Offer Note 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.		<u> </u>	10 rears		
Service Manual and Operation Manual {Hardcopy & Softcopy} 16.3 Application Software and Interface Connection Included. 100 to 240 V ~ ±10%, 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. GWQ-34 Item Description Anesthesia Machine with Ventilator Qty 1 No. Technical Specifications Min MOH Requirement Manufacturer: Please Specify Manufacturer Name. 2 Model Number: Please Specify Model Number of The Offered Equipment. Please Specify Country of Origin of The Offered Equipment.		ivianitenance:	2 Years Free Maintenace		
16.3 Application Software and Interface Connection Included. 100 to 240 V ~ ±10%, 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. GWQ-34 Item Description Anesthesia Machine with Ventilator Oty 1 No. Technical Specifications Min MOH Requirement 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.					
Power Supplay: 100 to 240 V ~ ±10%, 50/60 Hz Single phase (power cable Compatible with the Hospital electric outlet plug, 5 mt), Electrical Safety class 1		1			
17.1 Battery Operated With Minimum 8 Hours Battery Operation 18 Other Specification: Please Specify Other Specifications. GWQ-34 Item Description Anesthesia Machine with Ventilator Oty No. Technical Specifications Please Specify Manufacturer Name. Please Specify Model Number of The Offered Equipment. Please Specify Country Of origin: Please Specify Country of Origin of The Offered Equipment.	100		**		
Safety class 1 17.1 Battery Operated With Minimum 8 Hours Battery Operation 18 Other Specification: Please Specify Other Specifications. GWQ-34 Item Description Anesthesia Machine with Ventilator Oty Technical Specifications Min MOH Requirement Bidders Offer Note 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.	17	Power Supplay:			
18 Other Specification:Please Specify Other Specifications.GWQ-34 Item DescriptionAnesthesia Machine with VentilatorQty1No. Technical SpecificationsMin MOH RequirementBidders Offer Note1Manufacturer:Please Specify Manufacturer Name.2Model Number:Please Specify Model Number of The Offered Equipment.3Country Of origin:Please Specify Country of Origin of The Offered Equipment.					
GWQ-34Item DescriptionAnesthesia Machine with VentilatorQty1No.Technical SpecificationsMin MOH RequirementBidders OfferNote1Manufacturer:Please Specify Manufacturer Name.92Model Number:Please Specify Model Number of The Offered Equipment.93Country Of origin:Please Specify Country of Origin of The Offered Equipment.9					
QtyNo.Technical SpecificationsMin MOH RequirementBidders OfferNote1Manufacturer:Please Specify Manufacturer Name.12Model Number:Please Specify Model Number of The Offered Equipment.3Country Of origin:Please Specify Country of Origin of The Offered Equipment.					
No.Technical SpecificationsMin MOH RequirementBidders OfferNote1Manufacturer:Please Specify Manufacturer Name.2Model Number:Please Specify Model Number of The Offered Equipment.3Country Of origin:Please Specify Country of Origin of The Offered Equipment.	GWQ-34	Item Description	Anesthesia Machine with Ventilator	خدير مع التنفس	جهاز ت
No.Technical SpecificationsMin MOH RequirementBidders OfferNote1Manufacturer:Please Specify Manufacturer Name.2Model Number:Please Specify Model Number of The Offered Equipment.3Country Of origin:Please Specify Country of Origin of The Offered Equipment.		Qty			
1Manufacturer:Please Specify Manufacturer Name.2Model Number:Please Specify Model Number of The Offered Equipment.3Country Of origin:Please Specify Country of Origin of The Offered Equipment.	No.	Technical Specifications	Min MOH Requirement	Bidders 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.					
3 Country Of origin: Please Specify Country of Origin of The Offered Equipment.			· ·		
ար լիայունչ ուսասանան և իրա հարարական արևանական և հարարական և հարարական և հարարական հարարական և հարարական և հա	4	Safety Standard:			









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

No.	Technical Specifications	ورید تنجهیر و دلیت قسم طواری انو دده بمستشکی راش انفاره = مدیریه انفاره Min MOH Requirement	Bidders Offer	Notes
4.1	FDA Certificate Or CE Mark	Required certificates	Diducts Offer	Hotes
4.1	If The Machine Have CE	required certificates		
	Certificate Product Needs To			
4.2	Have Market Clearance For	Australia, Canada, Europe Union, Japan, USA and UK.		
	Either:			
	Either:	The unit shall be safe to use both for -the operator and the patient. Class		
5	Genaral Specification:	I, Protection against leakage current, protection against electric shocks:		
	The state of the s	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		
6		Company.		
0	System Components:	Original cart with antistatic braked castors, shelves and 2-3		
6.1		drawers. The basic unit must form rigid stable and easy for use.		
6.2		Ventilator		
6.3		Multi vaporize capability		
6.4		Regulators and flow meters		
6.5		CO2 absorber		
6.6		Patient type: adult, Pediatric.Neonat		
6.7		Patient monitor		
7	Circulation System:			
7.1		Compact		
7.2		Sterilizable		
7.3		Changeable from rebreathing (closed) to non-rebreathing (open)		
8	Gas Mixing System:			
8.1		Mechanical safety system		
8.2		O2 flow meters (One tube)		
8.3		N2O flow meters (One tube)		
8.4		Air flow meters (One tube)		
8.5		Nitrous oxide blockage with constant alarm		
8.6		N2O, O2 ratio control		
8.7		Control of gas supply for O2 and air and for all gases		
8.8		Safety valve built in to patient system		
9	CO2 absorber:			
9.1		Bag /ventilator switch		
9.2		By-pass switch		
9.3		Pressure reading (Manometer or Electronic)		
9.4		canester (2 kg capacity or 1.5 L)		
10	Vaporizer:			
10.1		Selecta tic type		
10.2		Two vaporizers		
10.3		Fast coupling system		
10.4		Supplied with sevoflurane		
10.5		Supplied with isoflurane		
11	O2/N2O Cylinders Yokes with			
	Cylinders:	Included		
12	O2-flush:	Included		
13	Mechanical Anti Hypoxic Device	Included		
	(AHD):			
14	Central Gas Supply:	O2/N2O/Air, medical quality 3-6 bar		
	(Pipeline Gas Inlet):	Selector switch for O2/N2O and O2/Air		
15	Flow Meters:			









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

T		M' MOHD	D:11 000	NT 4
No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
15.1		Color coded		
15.2		O2: 0.05-10 L/min or better		
15.3		Air: 0.2-12 L/min or better		
15.4		N2O: 0.05-10 L/min or better		
16	Ventilator:	Electronically controlled		
16.1	Bellow system:	Range from pediatric to adults Standing , easily seen		
16.2	Ventilation Modes (selectable):	Standing, cashy seen		
16.2.1	ventuation wodes (selectable).	Stand by		
16.2.2		Spontaneous		
16.2.3		Manual		
16.2.4		CMV (Pressure control/ Volume control)		
16.2.5		SIMV		
16.2.6		pressure support, advanced modes		
16.1	Monitor Parameter Readings:	pressure support, duvaneed modes		
16.3.1		Volume		
16.3.2		Pressure (Peak, Peep)		
17.1		Oxygen		
16.3.3		Frequency		
16.3.4		I : E ratio		
	Moniton Cuonhia Warefrance	Volume		
16.4	Monitor Graphic Waveforms:	Pressure		
16.5	Technical data:			
16.5.1	Respiration Frequency:	4-60 bpm.		
16.5.2	Inspiration Flow:	0-180 L/min		
16.5.3	Tidal Volume:	5-1500 ml		
16.5.4	I : E Ratio:	Please Specify		
16.5.5	Pressure limit, cm H2O:	Adjustable		
16.5.6	PEEP:	0-20 cm H2O or better		
17	Audible and Visual Alarms:			
17.1		Low/ high pressure		
17.2		Low O2 concentration		
17.3		Low/ high Volume		
17.4		O2 inlet supply failure		
17.5		Alarm interruption 60 sec. with rest function		
17.6		battery alarm		
17.7	A	Power failure alarm		
18	Accessories	Anasthasia maaka Darrakta (allai		
18.1		Anesthesia masks Resuable (all sizes)		
18.2		Sphygnomanometer Do broothing hogs Possible (all sizes)		
18.3		Re-breathing bags Resuable (all sizes)		
18.4 18.5		Magil circuit		
18.6		Jackson-read modification of Ayri's T piece O2 sensore		
10.0		All needed accessories to insure full use for adults, pediatrics and		
18.7		neonat.		
18.8		Operation Manual		
18.9		Service Manual		
18.10		Spare parts list with code NO.		
19.00	Capnography/CO2 monitoring:	Including anesthesia machine or patient monitor of Anesthesia machine		
20	Self diagnostic and Error / Calibration Message:	Included		
21	Power Supply:	100 - 240 V, 50 / 60Hz		
	'	Internal rechargeable battery		
22	Estimated life-Span of the Device:	At Least 10 Years		









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
23	Maintenance:	Mill WOIF Requirement	Didders Offer	Notes
	Wiantenance:	2 Years Free Maintenance.		
23.1	Tuoining			
24 25	Training:	User /Nurses training, by Specialist from the Supplier. Please Specify Other Specifications.		
GWQ-34-1	Other Specification: Item Description	Patient Monitor of Anesthesia Machine	قبة المريض خاص فهاز التخدير	جهاز مراأ
	Oty	1	<u> </u>	• •
No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
	Manufacturer:		Didders Offer	Notes
1		Please Specify Manufacturer Name.		
3	Model Number:	Please Specify Model Number of The Offered Equipment.		
4	Country Of origin:	Please Specify Country of Origin of The Offered Equipment.		
4.1	Safety Standard: FDA Certificate Or CE Mark	Required certificates		
4.1	If The Machine Have CE	Required Certificates		
4.2	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	Type:	Patient Monitor Simple Type Patient type: Adult, Pediatric, Neonate High Quality Upgradeable by software and hardware		
7	Display size and Type:	12-15 Inches Or Better. Touch Screen High resolution multi-color display Medical type (preferable) or supported with isolation transformer		
8	Displayed information:	Min. 6 vital waveforms, cab be colored separately Numeric data for the measured vital parameters Vital parameters (72) hrs trends Vital parameters alarms audio visual		
9	Defibrillation Protection:	Available for the measured vital parameters		
10	Required vital parameters:	•		
10.1	ECG:			
10.1-1	Leads:	12 leads facility		
10.1-2	Values:	ECG lead waveform, label, HR gain as min.		
10.1-3	HR Range:	30-200 bpm		
10.1-4	Alarms:	Leads off, Hi + Low HR		
10.1-5	Gain:	5, 10, 20 mm/mV		
10.1-6	Preferable Items:	ST, Arrhythmia, cascade ECG		
10.2	Respiration:			
10.2-1	Technology:	Impedance		
10.2-2	Values:	Respiration waveform, R.R.		
10.2-3	R.R. Range:	5-80 bpm		
10.2-4	Alarms:	Hi & low R.R.		
10.2-5	Apnea Alarm:	15-25 sec. Preferable		
10.3	NIBP:			
10.3-1	Technology:	Oscillometric CXC DIA MEAN DD		
10.3-2	Values:	SYS , DIA , MEAN , P.R.		
10.3-3	Modes:	Auto, Manual		









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
10.3-4	Cuff Pressure Range:			
10.3-4-1		Up to 250mmHg Adult		
10.3-4-2		Up to 200mmHg Pediatric		
10.3-4-3		Up to 150mmHg Neonate		
10.3-4-4	Alarms:	Hi and low, SYS, DIA		
10.4	SPO2:			
10.4-1	Values:	SPO2 waveform, SPO2%, P.R.		
10.4-2	SPO2 range	50 - 100 %		
10.4-3	Pulse Rate Range:	25-200ppm		
10.4-4	Alarms:	Hi & low SPO2 + P.R. sensor off		
10.5	Temperature:			
10.5-1	Values:	T1 and or T2		
10.5-2	Range:	30-45°C		
10.5-3	Alarm:	Hi & low		
10.6	ETCO2:			
10.6-1		Should be Main Stream capnography with display of CO2 and digital Values of EtCO2, FiCO2 & RR.		
10.6-2	EtCO2 Range:	0-99 mmHg.		
10.6-3	FiCO2:	0 to 20 mmHg.		
10.6-4	Flow rate :	50ml/min.		
10.7	Invasive BP:			
10.7-1		Should have 2 channel Invasive Blood pressure (IBP) measurement.		
10.7-2		Should have waveform IBP1 and IBP2.		
11	Required Accessories:			
11.1		1 X 3/5 Leads wire ECG cable Adult.		
11.2		1 X 3/5 Leads wire ECG cable Pediatric.		
11.3		1 X NIBP reusable cuff large Adult		
11.4		1 X NIBP reusable cuff pediatric		
11.5		1 X NIBP reusable cuff Infant		
11.6		1 X NIBP connection hoses		
11.7		1 X SPO2 reusable finger probe + Extension cable adult.		
11.8		1 X Temperature reusable sensor skin type for , pediatric and Infant		
11.9		1 X EtCO2 module with all accessories. (Cable-Sensor)		
11.10		2 X IBP Reusable Transducers with cable		
11.11		10 X IBP Disposable pressure transducers		
11.12		Operation Manual		
11.13		Service Manual		
11.14	D C	Spare parts list with code NO.		
12	Power Supply:	100 to 240 V ±10%, 50 Hz.		
12.1	Internal back-up battery Estimated life-Span of the	Operating time, hr : ≥2		
13	Device:	At Least 10 Years		
14	Maintenance:	2 Years Free Maintenance.		
15	Training:	User /Nurses training, by Specialist from the Supplier.		
16	Other Specification:	Please Specify Other Specifications.		
GWQ-35	Item Description	Electro Surgical Unit 400 W	جراحة كهربائي	جهاز
	Qty			
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		









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
110.	If The Machine Have CE	Will Wolf Requirement	Didders Offer	110165
	Certificate Product Needs To			
4.2		Australia, Canada, Europe Union, Japan, USA and UK		
	Have Market Clearance For			
	Either:			
_	Compani Consistentian	The unit shall be safe to use both for -the operator and the patient. Class		
5	Genaral Specification:	I, Protection against leakage current, protection against electric shocks: class I, Waterproofnessl.		
5.1	Designed:	Heavy duty Designed, New Model.		
5.2	Designed.	The machine shuld be of latest model and must have lattest technology		
5.3	Quality:	High Quality, Safety, Ease of Use		
	Quanty.	the Supplier is required to be a Certified Distributor or Agent of the		
5.4	Supplier	Company.		
6	Generator Type:	Please Specify.		
7	Frequency:	High Frequency.		
8	Modes:			
8.1	Monopolar Mode:	Cut - Coagulate		
J.1	1.2010point 112000	Low cut: maximum power of 100-150 w, Adjust output power		
8.1-1	Cut Mode:	Pure cut: maximum power of 300-400w, Adjust output power		
		Blend mode: maximum power of 100-300w, Adjust output power		
8.1-2	Coog Mode:	Maximum 100-200 watts		
0.1-4	Coag Mode:	Please specify The Modes.		
8.2	Bipolar mode:	Please specify The Modes.		
8.3	Self-test Mode:	Including.		
8.4	Power Setting Displayed:	Including.		
8.5	Cooling: Convection	Including.		
9	Alarms:	Visual - audible		
9.1	For Plate Continuity:	Including.		
9.2	Excess Power:	Including.		
9.3	Internal Error Alarm:	Including.		
9.4	Plate voltage alarm:	Including.		
9.5	Patient Electrode Safety System:	Including.		
9.6	Defeatable-Inaudible Volume:	Including.		
10	Life Span for Machine:	10 Years		
11	Maintenance:			
11.1		2 Years Free Maintenace.		
11.2		Service Manual and Operation Manual {Hardcopy & Softcopy}		
11.3		Application Software and Interface Connection Included.		
11.4		Spare Parts list with code No		
12	Accessories	Supplied with:		
12.1	Monopolar Footswitch:	Supply 1 pice		
12.2	Bipolar Footswitch:	Supply 1 pice		
12.3		Supply 2 pice		
12.4	Reusable Patient Plate:	Supply 2 pice		
12.5	Bipolar Forceps:	Supply 2 pice		
12.6	Forceps Cord:	Supply 2 pice		
12.7	Universal Adaptor:	Supply 1 pice		
12.8	Trolley:	Included Original Type		
		Users /Nurses and Biomedical Engineers Training, by Specialist from		
13	Training:	the Supplier.		
14	Power Supply:	100 to 240 V ~ ±10%, 50/60 Hz Single phase		
15	Other Specification:	Please Specify Other Specifications.		
GWQ-36	Item Description	Patient Wheel Chair	قيين خاص بالمرضى	کرسی معا
	Qty	2		
	Qty	<u>L</u>		









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
1	Manufacturer:	Please Specify Manufacturer Name.	Didders Offer	Tiotes
2	Model Number:	Please Specify Model Number of The Offered Equipment.		
3	Country Of origin:	Please Specify Country of Origin of The Offered Equipment.		
	·	Please Specify Country of Origin of The Offered Equipment.		
4	Safety Standard:	Descriped contificates		
4.1	FDA Certificate Or CE Mark	Required certificates		
	If The Machine Have CE			
4.2	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	Designed.	The Item Must have Lattest Version		
5.3	Quality:	High Quality,		
3.3	Quanty.	the Supplier is required to be a Certified Distributor or Agent of the		
5.4	Supplier:	Company.		
5	Type:	Foldable		
6	Construction:			
6.1		Structure in 25 mm $\emptyset \pm 10\%$. Tubes S.S.		
		Reinforced frame with double cross braces with high grade welding,		
6.2		double embossed upholstery with dual inner liners.		
(2		Heavy duty, double star rear wheels with two brakes. Rear wheels diam.		
6.3		600mm approx. Diam. Of front wheels 120 mm approx.		
6.4		All wheels should be airless tires.		
6.5		Adjustable leg rest		
6.6		Back rest and Seat Reinforce from washable material		
6.7		Swing away footrest ,elevating padded leg rest		
6.8		Push handle with rubber hand grips		
6.9		Can carry not less than 150kg		
	D. .	Seat width 55-60 cm \pm 10%.		
7	Dimension:	Height From ground to seat not less than 45 cm \pm 10%.		
8	Estimated life-Span of the Item:	At Least 7 Years		
9	Warranty:	Minimum of 1 Year.		
10	Other Specification:	Please Specify Other Specifications.		
GWQ-37	Item Description	Delivery Set , Forceps	حى خاص بالولادة	طقمحرا
G W Q E I	Oty	Denvery Sect, Forceps	-55,0	3. (
NI		Min MOH Downing	D: 11 Off	Nicken
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		
	If The Machine Have CE			
4.2	Certificate Product Needs To	Australia Canada Eurona Union Japan USA and UV		
4.2	Have Market Clearance For	Australia, Canada, Europe Union, Japan, USA and UK.		
	Either:			
5	Genaral Specification:	The unit shall be safe to use		
5.1	Designed:	Heavy duty designed.		
5.2	Quality:	High Quality		
6	Material:	304 Stainless Seel Or Better		
7	Each Set Contents of :			
7.1		2 X Bowl Lotion 250 mm dia		
7.2		2 X Galipot/Cup S/S 180 ml		
7.3		2 X Tray Kidney shape without Lid 200 X 30mm Deep		
7.4		2 X Tray Instrument with lid 310X 200 X63 mm deep		
<u> </u>	1	ı ·		









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

No	Technical Specifications	Min MOH Paguiroment	Bidders Offer	Notes
No.	1 echincal Specifications	Min MOH Requirement	bluders Offer	Notes
7.5		1 X Forceps Artery Spencer Wells Straight BJ.S/S 125mm		
7.6		2 X Forceps Artery Spencer Wells Straight BJ.S/S 200mm		
7.7		1 X Forceps Dissecting Treves, 1x2 Teeth 150 mm		
7.8		4 X Forceps Sponge Holding Rampley BJ S/S 240 mm		
7.9		1 X Handle size 4 for Scalple blades size 20-24		
7.1		1 X Needel Holder Kilner's 165 mm		
7.11		1 X Scissors Episiotomies, Barnes , 125 mm		
7.12		2 X Pin Safety Mayo, forceps holding, 120mm		
7.13		1 X Forceps Obstetric Simpson 28 cm		
7.14		1 X Forceps Obstetric Wrigley 28 cm		
7.15		1 X Scissors Umbilical American Pattern 100mm		
7.16		1 X Speculum Vaginal duckbill, Sims-Ended-ended		
7.17		1 X Speculum Vaginal duckbill, Sims-Ended-ended		
7.18		1 X Sterilizing and storing case St. St. with filters 230x130x50 mm		
8	Estimated life-Span of the Item:	At Least 10 Years		
9	Warranty:	Minimum of 1 Year.		
10	Other Specification:	Please Specify Other Specifications.		
GWQ-38	Item Description	Ceasarian Surgical Set	عمليات قيصرية	طقد
GWQ-30	Oty	Ceasarian Surgical Set		
No	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
No.			bluders 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.		
5.2	Quality:	High Quality		
6	Material:	304 Stainless Seel Or Better		
7	Each Set Contents of :			
7.1		2 X Tray Kidney shape with Lid S/S 200 X 30 mm		
7.2		2 X Tray Instrument with Lid 225X 125 X 50 mm Deep		
7.3		12 X Forceps Artery Spencer Wells Straight BJ.S/S 125mm		
7.4		2 X Forceps Artery Spencer Wells Straight BJ.S/S 200mm		
7.5		2 X Forceps Dissecting Plain serrated jaws S/S 150 mm		
7.6		2 X Forceps Dissecting Treves, 1x2 Teeth 150 mm		
7.7		2 X Forceps Tissue Allis fine 4 x 5 Teeth BJ.S/S 150 mm		
7.7		3 X Forceps Tissue Little wood 2 x 3 Teeth (bj).S/S 190 mm	+	
7.9		6 X Forceps Towel Holding cross Action S/S 100mm	+	
7.1		4 X Forceps Sponge Holding Rampley BJ S/S 240 mm		
7.11		1 X Handle size 3 for Scalple blades size 10-15		
7.12		1 X Handle size 4 for Scalple blades size 20-24		
7.13		2 X Needle Holder Mayo Hegar BJ.S/S 180mm		
7.14		1 X Scissors Mayo Straight SJ. S/S 200mm.		
7.15		1 X Scissors Mc Indoe/Metzenbaum CO Flat SJ.S/S 190mm		
7.16		1 X Retr. Doyen Ring Handle blade 95 mm Length 280 mm		
7.17		1 X Retr. Lange beck H/H 13x44 Blade, 210 mm Long		
7.18		1 X Retr. Morris Double-ended (52x38)&(52x64) mm		
7.19		3 X Pin Safety Mayo, forceps holding, 120mm		
7.13		1 X Suction Tube Pool's S/S 225mm	+	









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
7.21	pecifications	6 X Forceps Haemostasis Green Armitage 200 mm		21000
7.21		2 X Sterilizing and storing case St. St. with filters 260x150x50 mm		
		2 X Gallipot/cup S/S 180 ml		
7.23 8	Estimated life-Span of the Item:	At Least 10 Years		
	•	Minimum of 1 Year.		
9	Warranty:			
10	Other Specification:	Please Specify Other Specifications.	in in the second	1.0.36
GWQ-39	Item Description	Circumcision Instruments Sets+Sundries	حي خاص بالختانة	طعم جرا
	Qty			
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		
	If The Machine Have CE			
4.2	Certificate Product Needs To	Anatolia Canada Francis IIII III IIII		
4.2	Have Market Clearance For	Australia, Canada, Europe Union, Japan, USA and UK.		
	Either:			
5	Genaral Specification:	The Unit Shall be Safe to Use		
5.1	Designed:	Heavy Duty Designed.		
5.2	Quality:	High Quality		
6	Material:	304 Stainless Seel Or Better		
7	Each Set Contents of :			
7.1		2 X Tray Kidney shape with Lid S/S 200 X 30 mm		
7.2		2 X Tray Instrument with lid 310X 200 X63 mm deep		
7.3		2 X Forceps Artery Halsted Mosquito COF BJ 120mm. S/S		
7.4		1 X Forceps Dissecting Plain serrated jaws S/S 150 mm		
7.5		1 X Handle size 3 for Scalple blades size 10-15		
7.6		1 X Needle Holder Kilner's 165 mm		
7.7		1 X Scissors Mayo's CO Flat 125mm S/S		
7.7		1 X Circumcision Shields S/S.		
7.9		1 X Director Brodie's, Probe-End, dble-ended malleable 160 mm		
7.9		1 X Forceps Bone cutting Straight SJ.180mm S/S		
7.11	Estimated life Chan of the Items	1 X Sterilizing and storing case St. St. with filters 230x130x50 mm At Least 10 Years	+	
8	Estimated life-Span of the Item:			
9	Warranty:	Minimum of 1 Year.		
10 CWO 40	Other Specification:	Please Specify Other Specifications.		ما م
GWQ-40	Item Description	Gyn Examination Set	ص نساء وولادة	طعم ت
	Qty			
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		
	If The Machine Have CE			
4.3	Certificate Product Needs To			
4.2	Have Market Clearance For	Australia, Canada, Europe Union, Japan, USA and UK.		
	Either:			
5	Genaral Specification:	The Unit Shall be Safe to Use		
5.1	Designed:	Heavy Duty Designed.		
5.2	Quality:	High Quality		
6	Material:	304 Stainless Seel Or Better		
l O	riauliai.	50 i Summedo Seci Of Dellei		









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
7	Each Set Contents of :			21000
7.1	Lucii Set Contents of .	1 X Instrument Tray With Lid Stainless Steel 225x125x50mm		
7.2		1 X Kidney Basin With Lid Stainless Steel 200x30		
7.3		2 X Speculum Vaginal, Cusco's - Medium		
7.4		2 X Speculum Vaginal, Cusco's - Small		
7.5		1 X Speculum Vaginal, Cusco's - Large		
7.6		1 X Speculum Vaginal, Ducbill, Simm's Double - Ended Small		
7.7		1 X Speculum Vaginal, Ducbill, Simm's Double - Ended Medium		
7.8		2 X Curette Uterine Blunt- Sharp Combined 240 mm		
7.9		2 X Curette Uterine Simm's Pliable Shaft 250mm Small 6mm		
7.1		2 X Curette Uterine Simm's Pliable Shaft 250mm Medium 10mm		
7.11		2 X Curette Uterine Simm's Pliable Shaft 250mm Large 13mm		
7.12		2 X Dilator Cervix Hegar Double Ended 3-18mm		
7.13		2 X Forceps Ovum Greenhaigh's 240mm		
7.14		2 X Sound Uterine, Simposon's 290mm		
7.15		2 X Forceps Vulsellum Teales Uterine Curved Toothed 23cm x20		
8	Estimated life-Span of the Item:	At Least 10 Years		
9	Warranty:	Minimum of 1 Year.		
10	Other Specification:	Please Specify Other Specifications.		
GWQ-41	Item Description	Vaginal Speculum Set	حم مختلف الأحجام	طقم فاتح ر
3 1 2 12	Qty	1		
No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
1	Manufacturer :	Please Specify Manufacturer Name.	Diagons one	21000
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		
4.1	If The Machine Have CE	required Certificates		
	Certificate Product Needs To			
4.2	Have Market Clearance For	Australia, Canada, Europe Union, Japan, USA and UK.		
	Either:			
5	Genaral Specification:	The Unit Shall be Safe to Use		
5.1	Designed:	Heavy Duty Designed.		
5.2	Quality:	High Quality		
6	Material:	304 Stainless Seel Or Better		
7	Each Set Contents of:			
7.1		2 X Speculum Vaginal Cuscos - Medium		
7.2		2 X Speculum Vaginal Cuscos - Small		
7.3		2 X Speculum Vaginal Cuscos - Large		
8	Estimated life-Span of the Item:	At Least 10 Years		
9	Warranty:	Minimum of 1 Year.		
10	Other Specification:	Please Specify Other Specifications.		
GWQ-42	Item Description	Tray Sterilization (Standard)	سنية تعقييم	
	Qty	2		
No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
1	Manufacturer :	Please Specify Manufacturer Name.		
_	Model Number:	Please Specify Model Number of The Offered Equipment.		
2		1 1		
3		Please Specify Country of Origin of The Offered Equipment.		
	Country Of origin: Safety Standard:	Please Specify Country of Origin of The Offered Equipment.		
3	Country Of origin:	Please Specify Country of Origin of The Offered Equipment. Required Certificates		









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
	If The Machine Have CE			, , , , ,
	Certificate Product Needs To			
4.2	Have Market Clearance For	Australia, Canada, Europe Union, Japan, USA and UK.		
	Either:			
5	Genaral Specification:	The Unit Shall be Safe to Use		
5.1	Designed:	Heavy Duty Designed.		
5.2	Quality:	High Quality		
6	Material:	304 Stainless Seel Or Better		
6.1	Dimensions:	25 x 160 x 20 mm ± 10%		
6.2	Material:	100% Stainless steel.		
6.3	Type:	Reusable.		
7	Life Span for Item:	10 Years		
8	Warranty:	Minimum of 1 Year.		
9	Other Specification:	Please Specify Other Specifications.		
GWQ-43	Item Description	Kidney Basin, 25 cm, 825 ml, Stainless Steel	كلوي نوع أستيل	100
GWQ-43		Riulley Basin, 25 cm, 625 mi, Stailless Steel	وي وح المحين	-
	Qty	<u>L</u>		
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		
	If The Machine Have CE			
4.2	Certificate Product Needs To	Australia Canada Europa Union Japan USA and UK		
4.2	Have Market Clearance For	Australia, Canada, Europe Union, Japan, USA and UK.		
	Either:			
5	Genaral Specification:	The Unit Shall be Safe to Use		
5.1	Designed:	Heavy Duty Designed.		
5.2	Quality:	High Quality		
6	Material:	304 Stainless Seel Or Better		
6.1		Smooth surface.		
6.2	Length:	Approx. 240-260 mm.		
6.3	Width:	Approx. 130-150mm.		
6.4	Height:	Approx. 30-50mm.		
6.5	Capacity:	Approx. 850ml.		
6.6	Thickness:	Approx. 0.75-0.85mm.		
6.7	Material:	100% Stainless steel.		
6.8	Type:	Reusable.		
7	Life Span for Item:	10 Years		
8	Warranty:	Minimum of 1 Year.		
9	Other Specification:	Please Specify Other Specifications.		
GWQ-44	Item Description	Tray Instrument With Lid st.st	أدوات مع الغطاء	صينية
	Qty	2		
No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
1	Manufacturer:	Please Specify Manufacturer Name.		21000
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:	1 10000 Specify Country of Origin of The Officed Equipment.		
4.1	FDA Certificate Or CE Mark	Required Certificates		
7.1	If The Machine Have CE	required Confidences		
	Certificate Product Needs To			
4.2		Australia, Canada, Europe Union, Japan, USA and UK.		
	Have Market Clearance For			
	Either:			









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
5	Genaral Specification:	The Unit Shall be Safe to Use	Diddel 5 Offer	110103
5.1	-			
	Designed:	Heavy Duty Designed.		
5.2	Quality:	High Quality 304 Stainless Seel Or Better		
6	Material:	225 x 125 x 50 mm ± 10%		
6.1	Dimensions:	100% Stainless steel.		
6.2	Material:			
6.3	Type:	Reusable.		
7	Life Span for Item:	10 Years		
8	Warranty:	Minimum of 1 Year.		
9	Other Specification:	Please Specify Other Specifications.		w b
GWQ-45	Item Description	Midwife Kit	خاص بالقابلات	طقم
	Qty	1		
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		
	If The Machine Have CE			
4.2	Certificate Product Needs To	Australia Canada Europa Union Japan LICA and LIV		
4.2	Have Market Clearance For	Australia, Canada, Europe Union, Japan, USA and UK.		
	Either:			
5	Genaral Specification:	The Unit Shall be Safe to Use		
5.1	Designed:	Heavy Duty Designed.		
5.2	Quality:	High Quality		
6	Each Set Contents of :			
6.1		1X Stethoscope binaural complete.		
6.2		1 X Sphygmomanometer aneroid 300mm w/cuff		
6.3		1 X Book exercise 200x150mm ruled 8mm lines		
6.4		1 X Pen ballpoint blue		
6.5		1 X Sheeting plastic clear pvc 91cmx180cm		
6.6		1 X Bag polyethylene self-sealing 125x200mm		
6.7		3 X Gauze-pad sterile 12 ply 76x76mm long		
6.8		2 XCotton wool sbsorbent non-sterile 100g		
6.9		2 X Poucii clear polypropylene 250x380mm long		
6.10		2 X Tape umbilical non-sterile 3mm widex 100m		
6.11		1 X Bottal n/m round screw-cap 50ml amber glass		
6.12		1 X Bottal w/m round screw-cap 50ml amber glass		
6.13		1 X Bottal dropping 10ml amber glass		
6.14		1 X Tapes measure 1.5m vinyl-coated fiberglasses		
6.15		1 X Themometer clinical sub-normal 30 to 40 C.		
6.16		1 X Nail clipper/file		
6.17		1 X Scale spring baby 5kg 25g graduations		
6.18		10 X Gloves surgeon's latex size 7.5		
6.19		1 X Apron utility 900mmx1mm opaque plastic		
6.20		1 X Catheter tracheal deled w/glass mucus trap		
6.21		1 X Stethoscope fetal pinard monaural		
6.22		1 X Case for midwife kit with lid empty aluminum		
		1 X Case for midwife kit with fid empty aluminum 1 X Nethyllergometrine table 0.125 mg 30		
6.23				
6.24		2 X Scissors surgical straight 145 mm b/b S.		
6.25		2 X Forceps Hemostat Straight Rochester 160mm		
6.26		1 X Bowl sponge 600 ml stainless steel		
6.27		1 X bowl kidney 825ml (28oz) stainless steel		
6.28		1 X Towel huck 430x500		









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

No		رید تنجهیر و تانیت قشم طواری انودده بمستشکی راش انعاره ــ مدیریه انعار	1	Motos
No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
6.29		1 X Soap toilet 113g bar unwrapped		
6.30		1 X Soap box2 piece hinged plastic		
6.31		1 X Brush hand surgeon's with nylon bristles		
6.32		1 X Thermometer clinical oral/rectal1		
6.33		1 X Foil weeps to prevent neonatal loss 122x92 mm		
8	Estimated life-Span of the Item:	At Least 10 Years		
9	Warranty:	Minimum of 1 Year.		
10	Other Specification:	Please Specify Other Specifications.		*
GWQ-46	Item Description	Instrument Trolley	أدوات متحرك	عربة
	Qty	2		
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:	rease specify country of origin of the offered Equipment.		
4.1	FDA Certificate Or CE Mark:	Required Certificates.		
	If The Machine Have CE	. 4		
	Certificate Product Needs To			
4.2	Have Market Clearance For	Australia, Canada, Europe Union, Japan, USA and UK		
	Either:			
5	Designed:	Heavy Duty Designed, New Model.		
5.1	Quality:	High Quality.		
	Quanty.	The Supplier is Required to be a Certified Distributor or Agent of The		
5.2	Supplier:	Company.		
6	Material of Construction:	Heavy duty Stainless Steel 304 or better and high quality		
7	Shelves:	Two shelves in the top and bottom, edge around the shelves.		
8	Dimensions:			
8.1	Length:	80-90 Cm Approx.		
8.2	Width:	50-60 Cm Approx.		
8.3	height:	75-85 Cm Approx.		
9	Handle Bar:	Included (on short sides of the trolley).		
10	Castors:	Four casters ,two with brakes		
11	Accessories & Options:	Please specify		
12	Estimated life-Span of the Item:	At Least 7 Years		
13	Warranty:	Minimum of 1 Year.		
14	Other Specification:	Please Specify Other Specifications.		
GWQ-47	Item Description	Infant Bassinet Bed	قود حديثي الولادة	سریر را
	Qty	1		
No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
1	Manufacturer:	Please Specify Manufacturer Name.		11000
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:	The officer Equipment.		
4.1	FDA Certificate Or CE Mark	Required Certificates		
4.1	If The Machine Have CE	required Certificates		
4.2	Certificate Product Needs To	Australia, Canada, Europe Union, Japan, USA and UK		
	Have Market Clearance For			
	Either:	The Heit Chell he Cofe to Her	 	
5	Genaral Specification:	The Unit Shall be Safe to Use	 	
5.1	Designed:	Heavy Duty Designed, New Model.		
5.2	0	The Item Must Have Lattest Version		
5.3	Quality:	High Quality, The Symplica is Required to be a Contified Distributor on A cent of the		
5.4	Supplier:	The Supplier is Required to be a Certified Distributor or Agent of the		
I		Company.	<u> </u>	









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
		With WOT Requirement	Didders Offer	Notes
6.1	Technical Specifications:	Mobile baby cot with removable bassinet.		
		Mounted on 4 swivel castors, heavy duty, Diameter 100mm minimum.		
6.2		With 2 brakes.		
(2		Transfer bars connect all lower distal portions of the 4 legs, providing		
6.3		maximal structural strength.		
6.4		With padded mattress, detachable for easy cleaning.		
6.5		Mattress cover removable via side zipper.		
6.6		Basinet sets and removes smoothly from cart frame.		
6.7		Sliding sides with safety system (Space between vertical bars shall not exceed 110mm)		
6.8		Bumpers at all 4 corners		
7	Material:			
7.1		High resistance to corrosion (tropical environment).		
7.2	Frame:	Epoxy Coated tubular steel.		
7.3	Mattress:	High-Density Polyurethane foam, density 20-30kg/m3.		
7.4		Cover, plastic, flexible highly tear resistant, anti-static, flame retardant,		
	Contact Contac	disinfectant, liquid proof and washable.		
7.5	Caster frame/bracket:	Steel or Nylon.		
7.6	Caster brake:	Total-Lock Type (Wheel and Rotational Lock).		
7.7	Caster wheel:	Single Wheel, mold-on type, non-hooded (for easy maintenance).		
8	Wheel bearing:	Sealed bearing in the swivel and the wheel.		
9	Dimensions:	20 00 40 50 00 100 cm / L.WII)		
9.1	Frame:	80-90x40-50x90-100cm(LxWxH)		
9.2	Bassinet: Frame:	70-80x35-40x25-30 cm (LxWxH) 2.5-3 cm (outside, across), 1.5-1.8 mm (thickness)		
9.3	Mattress:	6-8 cm (h)		
10		30-50 kg		
11	Carrying capacity: Supplied with:	30-30 kg		
11.1	Supplied with.	1 X Complete Set of Tools Required for Assembly		
11.2		1 X Fitting Removable Mattress With Cover		
11.3		1 X St/St IV rod, 2 hooks with adjustable height		
11.4		1 X Baby Blanket		
12	Estimated life-Span of the Item:	At Least 7 Years		
13	Warranty:	Minimum of 1 Year.		
14	Other Specification:	Please Specify Other Specifications.		
		Emergency Cart. (Crash Cart with Complete	ارئ متحركة مع	عربةطه
GWQ-48	Item Description	Access.)	ارئ متحركة مع الملحقات	
	Qty			
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		
	If The Machine Have CE			
4.2	Certificate Product Needs To	Australia, Canada, Europe Union, Japan, USA and UK		
	Have Market Clearance For			
	Either:			
5	Genaral Specification:	The Unit Shall be Safe to Use		
5.1	Designed:	Heavy Duty Designed, New Model.		
5.2	014	The Item Must Have Lattest Version		
5.3	Quality:	High Quality, the Supplier is Required to be a Cartified Distributor or A capt of the		
5.4	Supplier:	the Supplier is Required to be a Certified Distributor or Agent of the Company.		









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

No	Technical Chesifications	Min MOII Dogwinom ant	Diddong Offer	Notos
No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
6	General Description:	Emergency Cart, with accessories.		
		Emergency trolley or (Emergency Crash Cart) is a set of		
7	Technical specifications:	trays/drawers/shelves on wheels used in hospitals for transportation and dispensing of emergency medication/equipment at site of		
,	reclinical specifications.	medical/surgical emergency for life support protocols potentially to save		
		a patient's life.		
o	Constructions	Stainless steel top and shelf & equipped with 4 - 6 removable coloured		
8	Constructions:	bins made of moulded plastic.		
		Emergency trolley (Emergency Crash Cart) with removable coloured		
9	System Configuration:	bins, storage units, fitted with oxygen cylinder holder and electric lamp		
10	Dimensional ennuer	holder and four swivels castors. 960mm L x 500mm W x 1545mm H.		
10	Dimensions: approx.	Lockable storage units – 3 drawers (stainless steel or moulded plastic).		
11		Wood or wood laminate construction drawers are NOT acceptable.		
10		To be fitted with stainless steel, height adjustable, twin hook/loop, IV		
12		pole assembly		
13	Castors:	Fully, 360 deg. swivel castors/wheels, size 125mm dia with at least one		
		castor/wheel to .have locking/brake mechanism.		
14	Shelves:	SS shelves 14 G thick stainless steel.		
15		Top shelf to have stainless steel guard rail approx.35mm above surface.		
16		Fitted with epoxy powder coated oxygen cylinder holder and electric		
		lamp holder with clamp and cardiac massage board. Must be capable of carrying ECG Monitor/defibrillator and a suction		
17		apparatus.		
		All standard accessories, consumables and parts required to operate the		
	Accessories spares and	equipment, including all standard tools and cleaning and lubrication		
18	Accessories, spares and consumables:	materials, to be included in the offer. Bidders must specify the quantity		
	consumables:	of every item included in their offer (including items not specified		
10		above).		
19	Estimated life-Span of the Item:	At Least 7 Years		
20	Warranty:	Minimum of 1 Year.		
21	Other Specification:	Please Specify Other Specifications.	*	•
GWQ-50	Item Description	Examination Gynecology Coach With Accessories	ص نساء وولادة مع الملحقات	سریر قحد
			الفلحقات	_
	Qty			
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		
	If The Machine Have CE			
	Certificate Product Needs To			
4.2	Cerunicate Product Needs 10	Australia Canada Europe Union Japan USA and UK		
4.2	Have Market Clearance For	Australia, Canada, Europe Union, Japan, USA and UK.		
	Have Market Clearance For Either:	Australia, Canada, Europe Union, Japan, USA and UK.		
5	Have Market Clearance For Either: Genaral Specification:	The Unit Shall be Safe to Use.		
5 5.1	Have Market Clearance For Either:	The Unit Shall be Safe to Use. Heavy Duty Designed, New Model.		
5 5.1 5.2	Have Market Clearance For Either: Genaral Specification: Designed:	The Unit Shall be Safe to Use. Heavy Duty Designed, New Model. The Item Must have Lattest Version		
5 5.1	Have Market Clearance For Either: Genaral Specification:	The Unit Shall be Safe to Use. Heavy Duty Designed, New Model. The Item Must have Lattest Version High Quality,		
5 5.1 5.2	Have Market Clearance For Either: Genaral Specification: Designed:	The Unit Shall be Safe to Use. Heavy Duty Designed, New Model. The Item Must have Lattest Version High Quality, The Supplier is Required to be a Certified Distributor or Agent of The		
5 5.1 5.2 5.3 5.4	Have Market Clearance For Either: Genaral Specification: Designed: Quality: Supplier:	The Unit Shall be Safe to Use. Heavy Duty Designed, New Model. The Item Must have Lattest Version High Quality, The Supplier is Required to be a Certified Distributor or Agent of The Company.		
5 5.1 5.2 5.3 5.4 5	Have Market Clearance For Either: Genaral Specification: Designed: Quality: Supplier: General Description:	The Unit Shall be Safe to Use. Heavy Duty Designed, New Model. The Item Must have Lattest Version High Quality, The Supplier is Required to be a Certified Distributor or Agent of The		
5 5.1 5.2 5.3 5.4 5 6	Have Market Clearance For Either: Genaral Specification: Designed: Quality: Supplier:	The Unit Shall be Safe to Use. Heavy Duty Designed, New Model. The Item Must have Lattest Version High Quality, The Supplier is Required to be a Certified Distributor or Agent of The Company.		
5 5.1 5.2 5.3 5.4 5 6 6	Have Market Clearance For Either: Genaral Specification: Designed: Quality: Supplier: General Description:	The Unit Shall be Safe to Use. Heavy Duty Designed, New Model. The Item Must have Lattest Version High Quality, The Supplier is Required to be a Certified Distributor or Agent of The Company. Examination Gynecology Coach, with Accessories Examination Gynecology Coach, 3 Sections		
5 5.1 5.2 5.3 5.4 5 6	Have Market Clearance For Either: Genaral Specification: Designed: Quality: Supplier: General Description:	The Unit Shall be Safe to Use. Heavy Duty Designed, New Model. The Item Must have Lattest Version High Quality, The Supplier is Required to be a Certified Distributor or Agent of The Company. Examination Gynecology Coach, with Accessories		









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
110.	1 echnical Specifications	Robust mechanics allow for manual repositioning of all sections	Didders Offer	Notes
6.4		between gynecological and obstetric use		
		Transfer bars connect all lower distal portions of the 4 supports,		
6.5		providing maximal structural strength		
7	Back Section:			
7.1		Adjustable via secured pawl and gear ratchet, safe for patient and		
		operator		
8	Pelvic Section:			
8.1		Can be tilted to Trendelenburg position with lever handle		
8.2		Sides of this section are fit with vertical handgrips, length 20 cm		
8.3		Padded knee crutches are height and width adjustable, set with robust clamps with heavy knob		
8.4		Fixing of the crutch holders is solid steel and welded to the frame of the bed		
8.5		This section integrates a support for a slide-out basin-tray		
9	Leg Section:			
9.1		Recesses entirely downwards, 90 degrees		
		When elevated and fully extended, all sections align to perfectly flat		
9.2		surface.		
10	Materials:			
10.1		High resistance to corrosion (tropical environment)		
11	Frame:	Stainlees steel		
12	Adjustable feet:	Rubber or nylon		
13	Sliders/fixtures for the knee crutches:	Tubular steel, welded to the bed frame		
14	Padded upholstery:	High-density polyurethane foam, density 27-33 kg/m3		
	•	Plastic, flexible highly tear resistant, anti-static, flame retardant,		
15	Cover:	disinfectant- and liquid proof, washable		
16	Basin-tray:	Austenitic stainless steel, 18/10		
17	Dimensions:	All 3 sections extended, including padding: 180-200x85-100x70-90 cm (L xW x H)		
18	Carrying capacity:	150-180 kg		
19	Slide-out basin-tray, capacity:	4L		
20	Accessories:			
20.1		1 X Complete set of tools required for assembly		
20.2		2 X Leg holders with canvas straps, adjustable height and width		
20.3		2 X Knee Crutches, Adjustable Height and Width.		
20.4		1 X Basin-Tray		
21	Estimated life-Span of the Item:	At Least 7 Years		
22	Warranty:	Minimum of 1 Year.		
23	Other Specification:	Please Specify Other Specifications.		
GWQ-51	Item Description	Stainless Steel 3 Seats Hospital Waiting Chair	تظار ثلاثة أشخاص	كرسي أثا
	Qty	2		
No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
1	Manufacturer:	Please Specify Manufacturer Name.		_,0005
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:	1		
4.1	CE Mark:	Required Certificate.		
5	Designed:	Heavy Duty Designed, New Model.		
5.1	Quality:	High Quality.		
		the Supplier is Required to be a Certified Distributor or Agent of The		
5.2	Supplier:	Company. Heavy duty Shall have stinless steel and backrest .The structure shall be		
6	Material of Construction:	from wrought Iron or better and high quality		
7		Bench, Patients' waiting.		









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

		وريد لنجهيز ونانيت فسم طوارئ الولاده بمستشفى راس العاره — مديريه العاره		NT 4
No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
8		composition from one piece (One bench).		
9		the backrest height to be fit with seat capacity.		
10	Indicative dimensions:	Length 2000mm. Backrest: 900mm ± 10%.		
11	Life Span for Item:	7 Years		
12	Warranty:	Minimum 1 Year.		
13	Other Specification:	Please Specify Other Specification		
GWQ-52	Item Description	Ambu Bag Resuscitation Set (infant)	ش يدوي (صغار)	طقم أنعا
	Qty	2		
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	CE Mark	Required Certificates		
	If The Machine Have CE			
	Certificate Product Needs To			
4.2	Have Market Clearance For	Australia, Canada, Europe Union, Japan, USA and UK.		
	Either:			
5	Genaral Specification:	The Unit Shall be Safe to Use		
5.1	Designed:	Heavy Duty Designed, New Model.		
5.2	Dongieu.	The Item Must have Lattest Version		
5.3	Quality:	High Quality,		
	•	The Supplier is Required to be a Certified Distributor or Agent of The		
5.4	Supplier:	Company.		
6	Type:	Resuscitator, hand-operated, infant (body weight <5 Kg), set.		
7	Materials:	Latex-free		
7.1	Materials life:	All parts must be manufactured from high-strength, long-life materials		
	iviateriais ille:	and require no special maintenance or storage conditions		
7.2		made of transparent silicone rubber		
7.3	Capacity:	280 ml		
8	Compressible Self-Refilling	Silicone rubber.		
-	Ventilation Bag:			
9	Non-rebreathing Patient Valve	Polycarbonate/polysulfone/silicone		
	with Pressure Limiting Valve:			
10	Inlet Valve with Nipple for O2	Polycarbonate/polysulfone		
	Tubing:			
11	Oxygen Reservoir Bag:	Plastic.		
12	Masks:	Transparent silicone rubber.		
13	Accessories:			
13.1		Compressible self-refilling ventilation bag, capacity: 220-280ml		
13.2		Oxygen reservoir bag complete, capacity: 600ml		
13.3		mask 0, face Round type, size infant 30-50 mm small		
13.4		mask, 1 face Round type, size infant 50-65 mm small		
13.5		Resuscitator supplied in a box as a complete set, with clear instructions		
13.6		/ diagrams for use and assembly Carrying case		
14	Estimated life-Span of the Item:	At Least 10 Years		
15	Warranty:	Minimum 1 Year.		
16	Other Specification:	Please Specify Other Specification		
GWQ-53	Item Description	Ambu Bag Resuscitation Set (Adult)	اش يدوي (كبار)	طقمأنع
-0110-33	Qty	Ambu bag Resuscitation Set (Adult)		
No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
1	Manufacturer:	Please Specify Manufacturer Name.	Diducts Office	110165
	Model Number:	Please Specify Model Number of The Offered Equipment.		
2	Intonei muimper:	I lease specify whoder number of the Offered Equipment.		









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
3	Country Of Origin:	Please Specify Country of Origin of The Offered Equipment.	Didden office	1 (000)
4	Safety Standard:	rease speerly country of origin of the offered Equipment.		
4.1	CE Mark	Required Certificates		
4.1	If The Machine Have CE	Required Certificates		
	Certificate Product Needs To			
4.2	Have Market Clearance For	Australia, Canada, Europe Union, Japan, USA and UK.		
5	Either:	The Unit Shall be Safe to Use		
5.1	Genaral Specification:			
5.1	Designed:	Heavy Duty Designed, New Model. The Item Must have Lattest Version		
5.2	Ovality			
5.3	Quality:	High Quality, The Supplier is Required to be a Certified Distributor or Agent of The		
5.4	Supplier:	Company.		
7.1	Materials life:	All parts must be manufactured from high-strength, long-life materials		
		and require no special maintenance or storage conditions		
7.2	Compositors	Made of transparent silicone rubber		
7.3	Capacity:	2000-2600 ml		
8	Compressible Self-Refilling	Silicone Rubber.		
	Ventilation Bag:			
9	Non-rebreathing Patient Valve	Polycarbonate/Polysulfone/Silicone.		
	with Pressure Limiting Valve:			
10	Inlet Valve with Nipple for O2 Tubing:	Polycarbonate/polysulfone		
11	Oxygen Reservoir Bag:	Plastic.		
12	Masks:	Transparent silicone rubber.		
13	Accessories:			
13.1		Compressible self-refilling ventilation bag, capacity: 1475-2000ml		
13.2		Non-rebreathing patient valve with or without pressure limiting valve, patient connector outside/inside diameter (OD/ID): 22/15mm		
13.3		Oxygen reservoir bag complete, capacity: 2000-2600ml		
13.4		Mask, face shape type, size adult small/teenager		
13.5		Mask, face shape type, size adult medium		
13.6		Mask, face shape type, size adult large		
		Resuscitator supplied in a box as a complete set, with clear instructions		
13.7		/ diagrams for use and assembly		
13.8		Carrying Case		
14	Life Span for Item:	7 Years		
15	Warranty:	Minimum 1 Year.		
16	Other Specification:	Please Specify Other Specification		
GWQ-54	Item Description	Oxygen Cylinder 40L With Oxygen Regulator, Humidifier and Trolley	كسجين ٤٠ لتر مع المرطب والترولي	أسطوانة أو
	O4**		<u> </u>	,
_	Qty	6		
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	CE Mark	Required Certificates		
	If The Machine Have CE			
4.2	Certificate Product Needs To	Australia, Canada, Europe Union, Japan, USA and UK.		
	Have Market Clearance For	,,,,,,,,,,,,,,		
	Either:			
5	Genaral Specification:	The Unit Shall be Safe to Use		
5.1	Designed:	Heavy Duty Designed, New Model.		
5.2		The Item Must have Lattest Version		









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
5.3	Quality:	High Quality,		
5.4	Supplier:	The Supplier is Required to be a Certified Distributor or Agent of The		
6	Type:	Oxygen cylinder Empty.40L (60m3)		
7	Medical Oxygen Cylinder:	Oxygen cynnder Empty.40L (66m3)		
		Oxygen cylinder spindle key for bull nose, Spare spindle key for pin		
7.1		index		
7.2	Pressure:	Working pressure 150Bar/200Bar		
7.3	Capasity:	40 liters (Bull Nose British standard).		
7.4	Material:	Special Steel (Anti Rust). Blue Or Black Color.		
8	Oxygen Trolley on castor:			
8.1	Quality:	High quality.		
8.2	Material:	Special Steel.		
8.3	Load:	(40-50 kgs cylinder).		
9	Oxygen Regulator and			
	Humidifier:			
9.1	Flow Range:	From 0.15 L/min to 15 L/min.		
9.2	Maximum possible flow:	35 L/mn above range.		
9.3	Input pressure:	Not less than 3.5 bar +/- 0,7		
9.4	Suitable for all types of fitting:	Wall outlet, trolley.		
9.5		Autoclavable, <u>unbreakable</u>		
9.6	II	Clear vision of bubbles		
9.7	Humidification at 4 L/mn - 20° C:	~3 ml/h		
9.8	Humidification at 12 L/mn - 20° C:	~9 ml/h		
9.9	Capacity:	100 ml (distilled water)		
9.1	Porosity of diffuser:	No more than 70 microns		
0.11		Humidifier, Autoclavable, for multipurpose uses in Medical and		
9.11		Surgical Sections. Shall have the capability to be associated with Flowmeters (O2) or Air,O2 Reserve Cylinders and O2 Generators		
		Fixation to flowmeters or any compatible devices shall be easy and fast		
9.12		(1/4 twist shall be acceptable)		
10	Oxygen masks (for			
10	child.&adult) & connections:			
10.1	Quality:	High quality.		
10.2	Material:	Silicone and Rubber.		
11	Accessories:			
11.1		3 X Face Mask diffrent Size for adult. Resuable Type		
11.2		3 X Face Mask diffrent Size for children. Type		
11.3		1 X Tubing.		
11.4		1 x Oxygen Trolley		
12	Estimated life-Span of the Item:	At Least 10 Years		
13	Warranty:	Minimum 1 Year.		
14	Other Specification:	Please Specify Other Specification		•
GWQ-55	Item Description	Infrared Medical Thermometer	ي بالإشعة تحت الحمراء	ترمومتر طب
	Qty	2		
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.		









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

If The Marchine Have CE Curificate Product Needs To Have Marchet Clearance For Fither: 5 Designed: Hersy day Designed, New Model.	No		ورید تنجهیر وتانیت فتنع طواری انورده بمنتشقی راش انعاره ــ مدیریه انعاره ــ مدیریه انعاره		Notes
Certificate Product Needs To Have Market Clearance For Either:	No.	Technical Specifications If The Machine Here CF	Min MOH Requirement	Bidders Offer	Notes
## Have Market Clearance For Fifther: Fifther: Australia, Landah, Buroge Union, Japan, USA and UK					
Fither:	4.2		Australia, Canada, Europe Union, Japan, USA and UK		
South Designed: Heavy duty Designed, New Model.					
S.1 Quality: High Quality. Supplier: Company. Company.			Haavy duty Dasigned New Model		
Supplier: Company. Company.	II	i			
6 Type of Thermometer: Company. 6 Type of Thermometer: Non Contact Infared Thermometer 7 Temperature Display Unit: Degree Celsius & Degree Fahrenheit 8 Display: LCD Or LFD 10 Low battery indicator. 11 Autor power no. 12 Frigger Bulton for operation. 13 Autor power no. 14 Deplay of previous reading no seroes with current reading. 15 Sund indication when the thermometer is ready to take or show the temperature. 16 Audible alarm for fever. 17 Different backlight colours to differentiate hetween the fever ranges. 18 Silent mode. 19 Autor bodd function. 20 Waterproof less easy to clean and disinfect. 21 Limit value for the adjustable alarm as programmable 22 Limit value for the adjustable alarm as programmable 23.1 Intit value for the adjustable alarm as programmable 23.2 In X Spane Pan Battery. 24 Power Supply: Recharged With Complet Accessories. 25 Life Span for Item: 7 Years 26 Warranty: Maintain Health of the Complet Accessories. 26 Warranty: Maintain Health of the Complet Accessories. 27 Other Specifications 28 Manufacturer: Please Specify Other Specification 29 Please Specify Other Specification 3 Country Of origin: Please Specify Other Specification 4 Safety Standard: Please Specify Country of Origin: Please Specify Country of Origin of The Offered Equipment. 4 Safety Standard: Please Specify Country of Origin of The Offered Equipment. 5 Genaral Specification: Please Specify Country of Origin of The Offered Equipment. 5 Genaral Specification: Description Designed: New Model. 5 Genaral Specification: Description Designed: New Model. 5 Genaral Specification: Description Designed: New Model. 5 Designed: Designed: Description Or Agent of the Company. 5 Guptler: Company.	5.1	Quanty:	<u> </u>		
Sype of Thermometer: Non Contact Intract Thermometer	5.2	Supplier:			
Pemperature Display Unit: Degree Celsius & Degree Falsenaleis	6	Type of Thermometer:	1 V		
Bisplay: ICCO FLED Interchangeable Celetius & Febresheit modes.		`	Degree Celsius & Degree Fahrenheit		
Low bastery indicator. Auto power on.	8	<u> </u>	LCD Or LED		
11 Auto power on.	9		Interchangeable Celsius & Fahrenheit modes.		
12 Trigger/Button for operation.	10		Low battery indicator.		
Auto power off when not in use.	11		Auto power on.		
Display of previous reading on screen with current reading. Sound indication when the flermometer is ready to take or show the lemperature.	12		Trigger/Button for operation.		
Sound indication when the thermometer is ready to take or show the emperature. Authble darm for fever. Different backlight colours to differentiate between the fever tanges. Silent mode. Auto hold function. Auto hold function. Data transfer facility of other devices through USB / Bluetooth / WiFI / RS 232. Limit value for the adjustable alarm as programmable Limit value for the adjustable alarm as programmable 1 X Plastic Case. 1 X Plastic Case. 1 X Plastic Case. 1 X Plastic Case. 1 X Spar Bart Buttery. 23.3.1 1 X Plastic Case. 1 X Spar Bart Buttery. 23.3.2 Life Span for Item: 7 Years 24 Power Supply: Rechargeable Bartery 25 Life Span for Item: 7 Years 26 Warranty: Minimum I Year. 27 Other Specification: Please Specify Other Specification Wital Signs Monitor with Mobile Stand Wital Signs Monitor with	13		Auto power off when not in use.		
temperature. Audible alarm for fever. Different backlight colours to differentiate between the fever ranges. Silent mode. Auto hold function. Data transfer facility of other devices through USB / Bluetooth / WiFl / RS 232. Limit value for the adjustable alarm as programmable Limit value for the adjustable alarm as programmable alarm	14				
16 Audible alarm for fever. 17 Different backlight colours to differentiate between the fever ranges. 18 Silent mode. 19 Auto hold function. 20 Waterproof lens easy to clean and disinfect. 21 Data transfer facility of other devices through USB / Bluetooth / WiFl / RS 232. 22 Limit value for the adjustable alarm as programmable 23 Accessories: 23 Accessories: 23 I X Plastic Case. 23.2 I X Spare Part Battery. 23.3 Supplied With Complet Accessories. 24 Power Supply: 25 Lifte Span for Hem: 7 Years 26 Warranty: Minimum I Year. 27 Other Specification: Please Specify Other Specification GWQ-56 Item Description Vital Signs Monitor with Mobile Stand Other Specifications Please Specify Other Specification Other Specifications Please Specify Manufacturer Name. 2 Model Number: Please Specify Model Number of The Offered Equipment. 3 Country Of origin: Please Specify Model Number of The Offered Equipment. 4 Safety Standard: 4.1 FDA Certificate Or CE Mark If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either: 5 Genaral Specification: The Unit Shall be Safe to Use 5.1 Designed: Heavy Dury Designed, New Model. 5.2 The Item Must Have Lattest Version 5.3 Quality: High Quality. The Supplier is Required to be a Certified Distributor or Agent of the Company.	15		•		
17 Different hacklight colours to differentiate between the fever ranges. 18 Silent mode. 19 Auto hold function. 20 Waterproof lens easy to clean and disinfect. 21 Data transfer facility of other devices through USB / Bluetooth / WiFl / RS 232. 22 Limit value for the adjustable alarm as programmable 23 Accessories: 23 Accessories: 24 Power Supply: 25 Rechargeable Battery. 26 Warranty: 27 Other Specification: 28 Warranty: 29 Other Specification: GWQ-56 Item Description Please Specify Other Specification Wital Signs Monitor with Mobile Stand Other Specifications: 1 Manufacturer: Please Specify Model Number of The Offered Equipment. 4 Safety Standard: 4.1 FDA Certificate Or CE Mark If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either: 1 The Machine Have CE Certificate Product Needs To Have Market Clearance For Either: 5 Genaral Specification: 5 Genaral Specification: The Unit Shall be Safe to Use The term Must Have Lattest Version 1 The Machine Have CE Certificate Product Needs To Have Market Clearance For Either: 5 Genaral Specification: The Unit Shall be Safe to Use The term Must Have Lattest Version 1 The Machine Have CE Certificate Must Have Lattest Version 1 The Machine Have CE Certificates 1 The Machine Have CE Certificate					
Silent mode Auto hold function. Auto hold function.					
Auto hold function. Waterproof lens easy to clean and disinfect. Data transfer facility of other devices through USB / Bluetooth / WiFl / RS 232. Limit value for the adjustable alarm as programmable Limit value for the adjustable alarm as programmable 1 X Plastic Case. 1 X Plastic Case. 1 X Spare Parn Battery. 23.3 Supplied With Complet Accessories. 24 Power Supply: Rechargeable Battery 25 Life Span for Hem: 7 Years 26 Warranty: Minimum 1 Year. 27 Other Specification: Please Specify Other Specification Wital Signs Monitor with Mobile Stand Other Specifications Please Specify Manufacturer Name. Whole Number: Please Specify Model Number of The Offered Equipment. Australia, Canada, Europe Union, Japan, USA and UK If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either: 5 Genaral Specification: The Unit Shall be Safe to Use Heavy Duty Designed, New Model. Fine Item Must Have Lattest Version High Quality. The Supplier: Required to be a Certified Distributor or Agent of the Company.					
20 Waterproof lens easy to clean and disinfect. 21 Data transfer facility of other devices through USB / Bluetooth / WiFl / RS 232. 22 Limit value for the adjustable alarm as programmable 23 Accessories: 23.1 I X Plastic Case. 23.2 I X Spare Part Battery. 23.3 Supplied With Complet Accessories. 24 Power Supply: 25 Life Span for Item: 27 Years 26 Warranty: 27 Other Specification: Wital Signs Monitor with Mobile Stand 28 Model Number: 29 Model Number: 20 Model Number: 20 Model Number: 21 Please Specify Manufacturer Name. 22 Model Number: 23 Please Specify Model Number of The Offered Equipment. 3 Country Of origin: 4 Safety Standard: 4.1 PDA Certificate Or CE Mark If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either: 5 Genaral Specification: 4.2 The Unit Shall be Safe to Use 5.3 Quality: 5.4 Supplier: Company. Company. Company. Company. Company. Company. Control Of other devices through USB / Bluetooth / WiFl / RS 232. Limit value for the adjustable alarm as programmable 1 X Plaster Gase. 1 X Plastic Case. 1 X Plastic Case. 1 X Spare Part Battery. Supplied With Complet Accessories. Supplied With Complet Accessories. Climit value for the adjustable alarm as programmable 1 X Plaster Gase. 1 X Plastic Case. 1 X Spare Part Battery. 2 Plastic Case. 1 X Spare Part Battery. 2 Please Specify Other Specification Wital Signs Monitor with Mobile Stand					
21					
Accessories: 23.1 Limit value for the adjustable alarm as programmable 23.1 IX Plastic Case. 23.2 IX Spare Part Battery. 23.3 Supplied With Complet Accessories. 24. Power Supply: Rechargeable Battery 25. Life Span for Item: 7 Years 26. Warranty: Minimum I Year. 27. Other Specification: Please Specify Other Specification GWQ-56 Item Description Vital Signs Monitor with Mobile Stand 27. With Complet Accessories 28. With Complet Accessories 29. Winimum I Year. 20. Winimum I Year. 21. Other Specification: Please Specify Other Specification Wital Signs Monitor with Mobile Stand 28. Winimum I Year. 29. Winimum I Year. 10. Technical Specifications Win MOH Requirement Bidders Offer Notes 10. Winimum I Year. 11. Manufacturer: Please Specify Manufacturer Name. 12. Model Number: Please Specify Model Number of The Offered Equipment. 30. Country Of origin: Please Specify Country of Origin of The Offered Equipment. 41. FDA Certificate Or CE Mark If The Machine Have CE 42. Certificate Product Needs To Have Market Clearance For Either: Australia, Canada, Europe Union, Japan, USA and UK 42. Australia Canada, Europe Union, Japan, USA and UK 43. Australia Canada, Europe Union, Japan, USA and UK 44. Life Machine Have CE Certificates Heavy Duty Designed, New Model. 54. Supplier: The Unit Shall be Safe to Use Certified Distributor or Agent of the Company. 55. Company Comp			·		
23.1 Accessories: 23.1 IX Plastic Case. 23.2 IX Spare Part Battery. 23.3 Supplied With Complet Accessories. 24 Power Supply: Rechargeable Battery 25 Life Span for Item: 7 Years 26 Warranty: Minimum I Year. 27 Other Specification: Please Specify Other Specification GWQ-56 Item Description Wital Signs Monitor with Mobile Stand 7 Years 1 Manufacturer: Please Specify Manufacturer Name. 2 Model Number: Please Specify Model Number of The Offered Equipment. 4 Safety Standard: 4.1 FDA Certificate Or CE Mark If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either: 5 Genaral Specification: The Unit Shall be Safe to Use 5.1 Designed: Heavy Duty Designed, New Model. 5.2 The Supplier: The Supplier is Required to be a Certified Distributor or Agent of the Company. The Supplier is Required to be a Certified Distributor or Agent of the Company.	21		•		
23.1 1 X Plastic Case. 23.2 1 X Spare Part Battery. 23.3 Supplied With Complet Accessories. 24.4 Power Supply: Rechargeable Battery 7 Years 25 Life Span for Item: 7 Years 7 Years 26 Warranty: Minimum I Year. 27 Other Specification: Please Specify Other Specification Please Specify Manufacturer Name. 2	22		Limit value for the adjustable alarm as programmable		
23.2 IX Spare Part Battery. 23.3 Supplied With Complet Accessories. 24 Power Supply: Rechargeable Battery 25 Life Span for Item: 7 Years 26 Warranty: Minimum I Year. 27 Other Specification: Please Specify Other Specification GWQ-56 Item Description Vital Signs Monitor with Mobile Stand	23	Accessories:			
Supplied With Complet Accessories.	23.1		1 X Plastic Case.		
24 Power Supply: Rechargeable Battery 25 Life Span for Item: 7 Years 26 Warranty: Minimum 1 Year. 27 Other Specification: Please Specify Other Specification Wital Signs Monitor with Mobile Stand Technical Specifications Wital Signs Monitor with Mobile Stand Technical Specifications Min MOH Requirement Manufacturer: Please Specify Manufacturer Name. Model Number: Please Specify Model Number of The Offered Equipment. Safety Standard: Please Specify Country of Origin of The Offered Equipment. FDA Certificate Or CE Mark If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either: Sequal Specification: The Unit Shall be Safe to Use Heavy Duty Designed, New Model. The Unit Shall be Safe to Use Heavy Duty Designed, New Model. The Supplier: The Supplier is Required to be a Certified Distributor or Agent of the Company.	23.2		1 X Spare Part Battery.		
Supplier: Signature Sig	23.3		Supplied With Complet Accessories.		
26 Warranty: Minimum I Year. 27 Other Specification: Please Specify Other Specification Wital Signs Monitor with Mobile Stand Oty No. Technical Specifications Minimum I Year. Please Specify Other Specification Wital Signs Monitor with Mobile Stand Technical Specifications Minimum I Year. Please Specify Other Specification Wital Signs Monitor with Mobile Stand Mobile Stand Mobile Stand Please Specify Manufacturer Name. 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. FDA Certificate Or CE Mark If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either: Segnaral Specification: The Unit Shall be Safe to Use Heavy Duty Designed, New Model. The Item Must Have Lattest Version High Quality: The Supplier is Required to be a Certified Distributor or Agent of the Company.	24	Power Supply:	Rechargeable Battery		
Technical Specifications Other Specifications Other Specifications Item Description Other Specifications	25	Life Span for Item:	7 Years		
Technical Specifications No. Technical Specifications Manufacturer: Please Specify Manufacturer Name. Model Number: Please Specify Model Number of The Offered Equipment. Country Of origin: Please Specify Country of Origin of The Offered Equipment. Australia, Canada, Europe Union, Japan, USA and UK The Machine Have CE Certificate Product Needs To Have Market Clearance For Either: Genaral Specification: The Unit Shall be Safe to Use Fasy Quality: The Supplier: The Supplier is Required to be a Certified Distributor or Agent of the Company.	26	Warranty:	Minimum 1 Year.		
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 If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either: 5 Genaral Specification: The Unit Shall be Safe to Use 5.1 Designed: Heavy Duty Designed, New Model. 5.2 The Item Must Have Lattest Version 5.3 Quality: High Quality, The Supplier is Required to be a Certified Distributor or Agent of the Company.	27	Other Specification:	Please Specify Other Specification		
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 If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either: 5 Genaral Specification: The Unit Shall be Safe to Use 5.1 Designed: Heavy Duty Designed, New Model. 5.2 The Item Must Have Lattest Version 5.3 Quality: High Quality, The Supplier is Required to be a Certified Distributor or Agent of the Company.	GWQ-56	Item Description	Vital Signs Monitor with Mobile Stand	بة العلامات الحيوية بحديثي الولادة	جهاز مراقر خاص
No. Technical Specifications Min MOH Requirement Bidders Offer Notes 1 Manufacturer : Please Specify Manufacturer Name. 1 2 Model Number: Please Specify Model Number of The Offered Equipment. 1 3 Country Of origin: Please Specify Country of Origin of The Offered Equipment. 1 4 Safety Standard: 1 1 4.1 FDA Certificate Or CE Mark Required Certificates 1 If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either: Australia, Canada, Europe Union, Japan, USA and UK 4 5 Genaral Specification: The Unit Shall be Safe to Use 1 5.1 Designed: Heavy Duty Designed, New Model. 1 5.2 The Item Must Have Lattest Version 1 5.3 Quality: High Quality, 5.4 Supplier: The Supplier is Required to be a Certified Distributor or Agent of the Company.		Otv	1		
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 If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either: 5 Genaral Specification: The Unit Shall be Safe to Use 5.1 Designed: Heavy Duty Designed, New Model. 5.2 The Item Must Have Lattest Version 5 Quality: High Quality, The Supplier is Required to be a Certified Distributor or Agent of the Company.	No		Min MOH Requirement	Bidders Offer	Notes
2 Model Number: 3 Country Of origin: 4 Safety Standard: 4.1 FDA Certificate Or CE Mark If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either: 5 Genaral Specification: 5.1 Designed: Heavy Duty Designed, New Model. 5.2 The Item Must Have Lattest Version 5.3 Quality: High Quality, The Supplier is Required to be a Certified Equipment. Please Specify Model Number of The Offered Equipment. Please Specify Country of Origin of The Offered Equipment. Australia Canada, Europe Union, Japan, USA and UK Hustralia, Canada, Europe Union, Japan, USA and UK Heavy Duty Designed, New Model. The Unit Shall be Safe to Use Heavy Duty Designed, New Model. The Item Must Have Lattest Version The Supplier is Required to be a Certified Distributor or Agent of the Company.				Didder's Office	110005
3 Country Of origin: 4 Safety Standard: 4.1 FDA Certificate Or CE Mark If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either: 5 Genaral Specification: 5.1 Designed: Heavy Duty Designed, New Model. 5.2 The Item Must Have Lattest Version 5 Quality: The Supplier: The Supplier is Required to be a Certified Distributor or Agent of the Company.	 		1		
4.1 FDA Certificate Or CE Mark If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either: 5 Genaral Specification: The Unit Shall be Safe to Use 5.1 Designed: Heavy Duty Designed, New Model. 5.2 The Item Must Have Lattest Version 5.3 Quality: The Supplier is Required to be a Certified Distributor or Agent of the Company.			- · ·		
4.1 FDA Certificate Or CE Mark If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either: 5 Genaral Specification: Heavy Duty Designed, New Model. 5.2 The Item Must Have Lattest Version 5.3 Quality: High Quality, The Supplier: Required Certificates Australia, Canada, Europe Union, Japan, USA and UK Heavy Duty Designed, New Model. The Unit Shall be Safe to Use Heavy Duty Designed, New Model. The Item Must Have Lattest Version The Supplier is Required to be a Certified Distributor or Agent of the Company.		; 	and the American property and another additional		
4.2 If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either: 5 Genaral Specification: Heavy Duty Designed, New Model. 5.2 The Item Must Have Lattest Version 5.3 Quality: High Quality, The Supplier is Required to be a Certified Distributor or Agent of the Company.			Required Certificates		
4.2 Certificate Product Needs To Have Market Clearance For Either: 5 Genaral Specification: The Unit Shall be Safe to Use 5.1 Designed: Heavy Duty Designed, New Model. 5.2 The Item Must Have Lattest Version 5.3 Quality: High Quality, 5.4 Supplier: The Supplier is Required to be a Certified Distributor or Agent of the Company.			*		
Have Market Clearance For Either: 5 Genaral Specification: The Unit Shall be Safe to Use 5.1 Designed: Heavy Duty Designed, New Model. 5.2 The Item Must Have Lattest Version 5.3 Quality: High Quality, The Supplier is Required to be a Certified Distributor or Agent of the Company.					
Either:Either:Separal Specification:The Unit Shall be Safe to Use5.1Designed:Heavy Duty Designed, New Model.5.2The Item Must Have Lattest Version5.3Quality:High Quality,5.4Supplier:The Supplier is Required to be a Certified Distributor or Agent of the Company.	4.2		Australia, Canada, Europe Union, Japan, USA and UK		
5.1Designed:Heavy Duty Designed, New Model.5.2The Item Must Have Lattest Version5.3Quality:High Quality,5.4Supplier:The Supplier is Required to be a Certified Distributor or Agent of the Company.					
5.2 The Item Must Have Lattest Version 5.3 Quality: High Quality, 5.4 Supplier: The Supplier is Required to be a Certified Distributor or Agent of the Company.	5	Genaral Specification:	The Unit Shall be Safe to Use		
5.3 Quality: High Quality, 5.4 Supplier: The Supplier is Required to be a Certified Distributor or Agent of the Company.	5.1	•	Heavy Duty Designed, New Model.		
Supplier: The Supplier is Required to be a Certified Distributor or Agent of the Company.	5.2		The Item Must Have Lattest Version		
Supplier: The Supplier is Required to be a Certified Distributor or Agent of the Company.	5.3	Quality:	High Quality,		
	5.4	-			
o lipe.	6	Type:	Mobile		









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
7	Screen:	Not less than 12-15 Inches Touch Screen.		
8		Built in high capacity battery more than 3 hours working time		
9		Built in battery charger		
10		At least six wave form to be displayed simultaneously		
11		With haemodynamic calculations		
12		ECG + HR + SPO2 & respiratio graphics		
		ECG + HR + SPO2 & respiratio NIBP+ Pulse + Temperature +		
13		Nellcor SPO2 + inner printer		
14	NIBP:	Automatic measurment cycle module intrvals		
14.1		Neonates pressure rang 0-150 mm Hg		
14.2		Resolution 1 mm Hg		
15	SPO2:	Range70- 100%		
15.1		Resolution ±1 %		
16	Pulse:	Heart pulse rate 20-250 bpm approx.		
16.1	Resolution:	1 bpm		
17	Temperature:	Range 30-45 °C		
17.1		Accuracy: ±0.1 °C		
17.2	Probes:	Oral/axial		
17.2.1		Rectal		
18	Respiration:	Rate 0- 60 breath/min.		
18.1	Resolution:	1 breath/ minute		
19	Adjustable high & low alarms:			
20	Mount:	Holder		
21	Power supply	100 to 240 V $\sim \pm 10\%$, 50/60 Hz Single phase		
21.1	Battery:	4-6 Hrs.		
22	Accessories:			
22.1		2 X Temperature Neonate sensor Resuable Type.		
22.2		2 X SPO2 Sensor Resuable Neonate.		
22.3		2 X Neonates cuff Resuable Type		
22.5		6 X Roll Paper		
22.6		2 X Gil 0.5 L		
22.7		1 X Operation Manual		
22.8		1 X Service Manual		
23	Estimated life-Span of the Device:	At Least 10 Years		
24	Maintenance:	2 Years Free Maintenance.		
25	Training:	User /Nurses training, by Specialist from the Supplier.		
26	Other Specification:	Please Specify Other Specification		
GWQ-57	Item Description	Fetoscope - Audio Fetal Doppler	اس نبض الجنين	جهاز قب
	Oty	1		
No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
1	Manufacturer:	Please Specify Manufacturer Name.	Didders Offer	110103
2	Model Number:	Please Specify Model Number of The Offered Equipment.	+	
3	Country Of Origin:	Please Specify Model Number of The Offered Equipment. Please Specify Country of Origin of The Offered Equipment.		
4	Safety Standard:	rease speetry Country of Origin of The Offered Equipment.		
4.1	FDA Certificate Or CE Mark	Required Certificates	+	
4.1	If The Machine Have CE	Required Certificates		
	Certificate Product Needs To			
4.2	Have Market Clearance For	Australia, Canada, Europe Union, Japan, USA and UK.		
	Either:			
5	Genaral Specification:	The Unit shall be safe to use		
5.1	Designed:	Heavy duty Designed, New Model.		
5.2		The Item Must have Lattest Version		
5.3	Quality:	High Quality,		
				-









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
		The Supplier is Required to be a Certified Distributor or Agent of The		
5.4	Supplier:	Company.		
6	Type:	handheld.able for high load & hard work		
7	General Description:			
7.1		Foetal Heart Rate (FHR) doppler detector, with speaker, handheld,		
	Correitinita France	battery powered, with accessories 10 - 12 weeks Or Better		
8 9	Sensitivity From : Technical Specifications:	10 - 12 Weeks Of Detter		
9.1	Technical Specifications.	Foetal Heart Rate (FHR) ultrasound detector, single transducer		
9.2		Handheld lightweight detector		
9.3		Ultrasonic continuous doppler operating mode		
		External transducer, connected to the main unit through a coiled wire		
9.4		cable		
9.5		Integrated transducer holed on the body of the main unit		
10	Ultrasound frequency:	2 MHz ± 10 %		
11	Sensitivity:	90 dB		
12	Ultrasonic power output :	mW, depending on the available model		
13	FHR range :	50 – 240 bpm ± 2 bpm, resolution 1 bpm		
14		Integrated loudspeaker and volume level adjustment		
15		Noise suppression feature		
16		Integrated headset connector LCD display, backlighted, with FHR, pulse, frequency, volume, battery		
17	Display:	and system status		
18	Alarms:	Audio/visual alarms for high/low FHR, battery status and system errors		
19		Automatic self-test		
20		Automatic power-off		
21	Accessories:			
21.1		2 X 350 ml or 3 x 250 ml (depending on availability) bottles of US gel		
21.2		2 X sets of commercial disposable alkaline batteries (separately packed)		
21.3		1 X soft carry bag		
21.4		1 X Instructions for assembly, use and maintenance in English		
21	Battery Autonomy:	>5 h or 600 exams, whichever higher		
22	Power Supply: :	1.5 V AA (LR6) Commercial disposable batteries or 1.2 V Ni-MH commercial rechargeable batteries (not included), 2 or 3 units depending on the available model		
23	Accessories:			
23.1		2 x 350 ml or 3 x 250 ml (depending on availability) bottles of US gel		
23.2		2 x sets of commercial disposable alkaline batteries (separately packed)		
23.3		1 x soft carry bag		
23.4	Transactive C 60	Instructions for assembly, use and maintenance in English		
24	Estimated life-Span of the Device:	At Least 5 Years		
25	Maintenance:	2 Years Free Maintenance.		
26	Training:	User /Nurses training, by Specialist from the Supplier.		
27	Other Specification:	Please Specify Other Specification	A	
GWQ-58	Item Description	Infant Incubator	اضنة مواليد	2
	Qty	1		
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		









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
1,00	If The Machine Have CE			2.000
	Certificate Product Needs To			
4.2	Have Market Clearance For	Australia, Canada, Europe Union, Japan, USA and UK.		
	Either:			
	Either.	The Unit shall be Safe to use Both for -the Operator and The Baby.		
5	Genaral Specification:	Class I, Protection Against Leakage Current, Protection Against Electric		
		Shocks: Class I, Water Proofnessl.		
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 The Symplicatic Required to be a Contified Distributor on A cent of The		
5.4	Supplier	The Supplier is Required to be a Certified Distributor or Agent of The Company.		
6	Type:	Mobile on Swivel Castors ,2 (locks).		
	Temperature control range for			
7	air, °C:	23-37°C with (0.1) °C increments and		
7.1		Override up to 39 °C		
	Temperature control range for			
8	skin, °C:	32-37°C with (0.1) °C increments		
9	Temperature Display:			
9.1	Air , Display Type:	Please Specify		
9.2	Range, °C:	20-42 °C		
10	Temperature Display:			
10.1	Skin , Display Type:	LCD or similar not CRT with a size of min. 5" Or Better		
10.2	Range, °C:	30-42 °C		
11	Alarms:			
11.1		High air temperature		
11.2		Low air temperature		
11.3		High skin temperature		
11.4		Low skin temperature		
11.5		Fan failure		
11.6		Sensor failure		
11.7		Power failure		
12	Front Panel:			
12.1		Heater power indicator included Controls & switches should be visible, clearly labeled, protected against		
12.2		Controls & switches should be visible, clearly labeled, protected against accidental changes and sealed against penetration of fluids		
13	Design:	and source against ponoutation of fluids		
13.1	·	Compact design and heavy duty		
13.2		Backup over-heat protection included		
13.3		Supplemental humidity adjustable		
13.4		Air bacterial filter (changeable)		
13.5	Scale:	Included.		
14	Internal Noise, dB:	≤ 50 dB approx.		
15	Construction:			
15.1		Double wall		
15.2		Transparent hood for phototherapy and X-ray		
15.3		Movable tray with mattress		
15.4		Four antistatic swivel castors, two at least with breaks		
15.5		Drawer and instrument tray included		
16	Mattress:			
16.1		Adjustable to the trendelenburg and fowler position (Anti trendelenburg)		
16.2		Mattress height is adjustable up and down		
17	Ports:			
17.1		Hand ports		









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
17.2		Tubing ports:		
17.3		O2 inlet ports		
18	O2 Controllers:	Included (servo Oxygen controllers)		
19	Backup Thermostat:	Required		
20	Heater Power Indicator:	Required		
21		Please specify		
22	X-Ray Tray: Accessories:	ricase specify		
22.1	Accessories:	1 X Internal Scale Digital Type		
22.2		1 X IV Pole		
22.3				
		3 X Skin temperature 1 x Operation Manual		
22.4		1 x Operation Manual 1 x Service Manual		
22.5	Dormon Camalan			
23	Power Supply:	100 - 240 V, 50 / 60Hz		
24	Estimated life-Span of the Device:	At Least 10 Years		
25	Maintenance:			
25.1		2 Years Free Maintenance.		
26	Training:	User /Nurses training, by Specialist from the Supplier.		
27	Other Specification:	Please Specify Other Specification		
GWQ-59	Item Description	Phototherapy Unite	جة الصفار بالأشعة ق البنفسجية	جهاز معال
		1		
NI		Min MOH Dawning	D: 11 Off	NI-4
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		
	If The Machine Have CE			
4.2	Certificate Product Needs To	Australia, Canada, Europe Union, Japan, USA and UK		
	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:	Freestanding unit, Mobile on swivel castors, 2 (locks).		
7	Design:	Heavy duty, height adjustable to fit any infant incubator.		
7.1		High Quality Materials		
7.2		Three or Four anti-static swivel castors, two at least with brakes		
8	Irradiance at 400 to 500nm, uw/cm2/nm:	Specify		
9	Angular Adjustments:	Required		
10	Bulbs Type:	LED		
11	Bulbs Number:	Specify		
H	Bulbs Expected Life:	1>/000 nours Or More		
12	Bulbs Expected Life: Cooling Fan:	>7000 hours Or More Required		
13	Cooling Fan:	Required		
13 14	Cooling Fan: Hour Meter:	Required Required		
13	Cooling Fan:	Required		









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
16.1		1 X Protective Cover.		
16.2		2 X Neonatal Eye Mask.		
16.3		3 X Fuses.		
16.4		1 x Operation Manual		
16.5		1 x Service Manual		
17	Power Supply:	100 to 240 V ±10%, 50 Hz.		
18	Estimated life-Span of the Device:	At Least 10 Years		
19	Maintenance:	2 Years Free Maintenance.		
20	Training:	User /Nurses Training, by Specialist from the Supplier.		
21	Other Specification:	Please Specify Other Specification		
GWQ-60	Item Description	Infant Warmer	ئلة وأنعاش مواليد	جهاز تد
	Qty	1		
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		
	If The Machine Have CE			
4.2	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	Type:	Mobile on Swivel Castors, 2 (locks).		
7	Control Unit:			
7.1	Heat Control, Type:	Automatic or manual		
7.1.1	Range, °C:	34-37 °C Or Better		
7.2	Heater indicator:	Required		
8	Temperature:			
8.1	Set-point Display:	Please specify		
8.2	Skin-temp Display:	Please specify		
9	Alarms:			
9.1	Temperature:			
9.1.1	Tone:	Variable or fixed		
9.1.2	Type:	Audible and visual		
9.1.3	Trigger from setpoint, ±°C/°F	0.5-1		
9.2	Manual Mode:	Continuous until corrected, automatic shut off if not fixed within 10 min		
9.3	Sensor Disconnect:	Audible and/or visual		
9.4	Power Failure:	Audible and/or visual		
10	Bassinet:	Required		
11	Radiant Heat Source:	Ceramic		
12	Examination Light:	LED De maior de		
13	X-ray tray:	Required		
14	Drawers/shelves:	Required		
15	Timer:	Required		









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

No.	Technical Specifications	رید تنجهیر وتانیت قسم طواری انولاده بمسسی راش انعاره – مدیریه انعاره Min MOH Requirement	Bidders Offer	Notes
16	Mattress:	Required	Didder's Offer	11016
17	Accessories:	Required		
17.1	Accessories.	1 X IV Pole.		
17.1		2 X Spare Heaters		
17.2		2 X Oxygen Holder.		
		3 X Fuses.		
17.4 17.5				
		2 X Spare Led Bulb		
17.6		1 x Operation Manual 1 x Service Manual		
17.7	D C L			
18	Power Supply:	100 to 240 V ±10%, 50 Hz.		
19	Estimated life-Span of the	At Least 10 Years		
20	Device:			
20	Maintenance:	2 Years Free Maintenance.		
21	Training:	User /Nurses Training, by Specialist from the Supplier.		
22	Other Specification:	Please Specify Other Specification	** ***	47
GWQ-61	Item Description	Operation Light (Ceiling) LED	عمليات سقفية	لمبه
	Qty	1		
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		
	If The Machine Have CE			
4.2	Certificate Product Needs To	Australia Canada Ermana Union Janon UCA and UV		
4.2	Have Market Clearance For	Australia, Canada, Europe Union, Japan, USA and UK		
	Either:			
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		
6		Company. LED		
	Light Source, Type:	2		
8	Number of Lightheads: Number of Bulbs or Elements:	Specify		
9	Volts:	12 V or 24 V		
10	Life, hr:	≥50,000 Hr		
11	Color Temperature, K:	3,000-5,000		
12	Color Adjustable:	Required		
13	Color Rendering index:	>90		
14	R9 Value:	Required		
15	Field size, cm Diameter:	≥20		
16	Focal length, cm:	$\geq 70 \text{ cm}$		
	Illumination level, maximum			
17	lux at 1 m:	140.000 -160.000 Lux at 1.0m		
18	Mounting:	Ceiling		
19	Controls:	Required		
19.1	Dimmer:	With Dimmer		
19.1	Focus:	Adjustable		
19.2	Field size:	Adjustable		
19.3	Alarms:	main lides failure indicator		
20	On Sterile Handle:	On sterile handle sterilizable.		
		360		
21	Rotation:	300		









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
22	Vertical adjustment range, cm:	>80	Diddens Offer	11000
22	Maximum irradiance at 1 m,	<u></u>		
23	W/m2:	<1,000		
24	Heat-to-light ratio, mW/m2.lux:	≤3		
25	Lighthead Material:	high qualety Lighthead material		
26	Shadow Control:	Shadow less		
27	Battery or Emergency Backup:	Required (2-4) Hours Or Online UPS 3KVA		
28	Sterilizable Handle:	Required		
29	Life Span for Machine:	7 Years		
30	Maintenance:			
30.1		2 years free maintenace.		
30.2		Service Manual and Operation Manual {Hardcopy & Softcopy}		
30.3		Application Software and Interface Connection Included.		
30.4		Spare Parts list with code NO		
31	Required Accessories:			
31.1		4 x Sterilizable handle		
31.2		1 x Operation Manual		
31.3		1 x Service Manual		
32	Power Supply:	100 to 240 V ±10%, 50 Hz.		
33	Other Specification:	Please Specify Other Specification		
GWQ-62	Item Description	Hand Held Pulse Oximeter	یاس نسبة تشبع ن بالدم نوع محمول	جهاز ق الأوكسجير
	Qty	2		
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	Type:	Hand Held Type		
7	SpO2 Range, %:	70-100.		
7.1	Accuracy, %:	±3%.		
8	Pulse Rate bpm:	30-240.		
8.1	Accuracy:	±5%.		
	Perfusion Index and/or Signal			
9	Strength Indicator.	Required, continuous monitors; preferred, spot check monitors.		
10	Response Time Sec:	Depends on application.		
11	Alarms:			
11.1	Audible and visual:	High/low SpO2 and pulse rate, sensor off, sensor failure, low battery		
11.2	Visual only:	High/low SpO2 and pulse rate, sensor off, low battery		
		•		
12	Alarm Override:	Preferred		









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
12.1	Reactivation method:	Automatic or manual	Didder's Offer	110105
12.2	Volume Control:	Required		
13	Self -Test Mode:	Required		
14	Sensor Types:	Required		
14.1	Sensor Types.	Reusable Type		
14.1	Datient venger	Adult, pediatric, infant, neonate		
14.2	Patient range: Cable length, m (ft):	1.5 or More		
15	Battery:	1.5 of Wore		
15.1		Rechargeable lithium-ion / or better.		
15.2	Type: Life, hr:	6- 12 Hr		
15.3	Recharge time, hr:	<u>6-12 III</u> ≤3.		
16	,	10 Years		
17	Life Span for Machine: Maintenance:	10 Teals		
	Wantenance:	2 Years Free Maintenance.	+	
17.1 17.2				
		Service Manual and Operation Manual {Hardcopy & Softcopy}	+	
17.3	Dogwined accessories	Spare Parts list with code NO	+	
18 18.1	Required accessories:	1 Y SpO2 Adult Pasuable Sensor	+	
		1 X SpO2 Adult Resuable Sensor	+	
18.2		1 X SpO2 Pediatric Resuable Sensor	+	
18.3		1 X Charger	-	
18.4	Dawan Cumples	1 X Carying Bag 100 to 240 V ~ ±10%, 50/60 Hz.	+	
19	Power Supply:	Rechargeable battery with built in charger with indicators for charging		
20	Battery:	and low battery		
21	Other Specification:	Please Specify Other Specification		
			درجة الحرارة نوع	جهاز قياس
GWQ-63	Item Description	Thermometer Digital	، درجة الحرارة نوع الكتروني	
	Qty	15		
No.	Qty Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
No. 1			Bidders Offer	Notes
	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
1	Technical Specifications Manufacturer:	Min MOH Requirement Please Specify Manufacturer Name.	Bidders Offer	Notes
1 2	Technical Specifications Manufacturer: Model Number:	Min MOH Requirement Please Specify Manufacturer Name. Please Specify Model Number of The Offered Equipment.	Bidders Offer	Notes
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.	Bidders Offer	Notes
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.	Bidders Offer	Notes
1 2 3 4 4.1	Technical Specifications Manufacturer: Model Number: Country Of Origin: Safety Standard: CE Mark:	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.	Bidders Offer	Notes
1 2 3 4	Technical Specifications Manufacturer: Model Number: Country Of Origin: Safety Standard: 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.	Bidders Offer	Notes
1 2 3 4 4.1	Technical Specifications Manufacturer: Model Number: Country Of Origin: Safety Standard: CE Mark: If The Machine Have CE Certificate Product Needs To	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.	Bidders Offer	Notes
1 2 3 4 4.1	Technical Specifications Manufacturer: Model Number: Country Of Origin: Safety Standard: CE Mark: If The Machine Have CE Certificate Product Needs To Have Market Clearance For	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.	Bidders Offer	Notes
1 2 3 4 4.1	Technical Specifications Manufacturer: Model Number: Country Of Origin: Safety Standard: 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	Bidders Offer	Notes
1 2 3 4 4.1 4.2 5 5.1	Technical Specifications Manufacturer: Model Number: Country Of Origin: Safety Standard: CE Mark: If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either: 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 Heavy duty Designed, New Model. High Quality. The Supplier is Required to be a Certified Distributor or Agent of The	Bidders Offer	Notes
1 2 3 4 4.1 4.2 5 5.1 5.2	Technical Specifications Manufacturer: Model Number: Country Of Origin: Safety Standard: CE Mark: If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either: Designed: Quality: Supplier:	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.	Bidders Offer	Notes
1 2 3 4 4.1 4.2 5 5.1 5.2 6	Technical Specifications Manufacturer: Model Number: Country Of Origin: Safety Standard: CE Mark: If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either: Designed: Quality: Supplier: Power Type:	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. DC Complete.	Bidders Offer	Notes
1 2 3 4 4.1 4.2 5 5.1 5.2 6 7	Technical Specifications Manufacturer: Model Number: Country Of Origin: Safety Standard: CE Mark: If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either: 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 Heavy duty Designed, New Model. High Quality. The Supplier is Required to be a Certified Distributor or Agent of The Company. DC Complete. Heavy Duty and High Quality	Bidders Offer	Notes
1 2 3 4 4.1 4.2 5 5.1 5.2 6 7 8	Technical Specifications Manufacturer: Model Number: Country Of Origin: Safety Standard: CE Mark: If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either: Designed: Quality: Supplier: Power Type: 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 Heavy duty Designed, New Model. High Quality. The Supplier is Required to be a Certified Distributor or Agent of The Company. DC Complete. Heavy Duty and High Quality For Oral, Underarm, or Rectal use	Bidders Offer	Notes
1 2 3 4 4.1 4.2 5 5.1 5.2 6 7 8 9	Technical Specifications Manufacturer: Model Number: Country Of Origin: Safety Standard: CE Mark: If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either: Designed: Quality: Supplier: Power Type: Quality: Operation Details:	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. DC Complete. Heavy Duty and High Quality For Oral, Underarm, or Rectal use Press ON/OFF button to activate. The unit would beep and display.	Bidders Offer	Notes
1 2 3 4 4.1 4.2 5 5.1 5.2 6 7 8 9	Technical Specifications Manufacturer: Model Number: Country Of Origin: Safety Standard: CE Mark: If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either: Designed: Quality: Supplier: Power Type: Quality: Operation Details: Display:	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. DC Complete. Heavy Duty and High Quality For Oral, Underarm, or Rectal use Press ON/OFF button to activate. The unit would beep and display. This LCD display test will go on for around 2 seconds	Bidders Offer	Notes
1 2 3 4 4.1 4.2 5 5.1 5.2 6 7 8 9 10 11	Technical Specifications Manufacturer: Model Number: Country Of Origin: Safety Standard: CE Mark: If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either: Designed: Quality: Supplier: Power Type: Quality: Operation Details: Display: Low Temperature Display:	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. DC Complete. Heavy Duty and High Quality For Oral, Underarm, or Rectal use Press ON/OFF button to activate. The unit would beep and display. This LCD display test will go on for around 2 seconds Temperature < 32°C Display L°C.	Bidders Offer	Notes
1 2 3 4 4.1 4.2 5 5.1 5.2 6 7 8 9 10 11 12	Technical Specifications Manufacturer: Model Number: Country Of Origin: Safety Standard: CE Mark: If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either: Designed: Quality: Supplier: Power Type: Quality: Operation Details: Display: Low Temperature Display: High Temperature Display:	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. DC Complete. Heavy Duty and High Quality For Oral, Underarm, or Rectal use Press ON/OFF button to activate. The unit would beep and display. This LCD display test will go on for around 2 seconds Temperature < 32°C Display L°C. Temperature > 43°C Display H°C.	Bidders Offer	Notes
1 2 3 4 4.1 4.2 5 5.1 5.2 6 7 8 9 10 11 12 13	Technical Specifications Manufacturer: Model Number: Country Of Origin: Safety Standard: CE Mark: If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either: Designed: Quality: Supplier: Power Type: Quality: Operation Details: Display: Low Temperature Display: High Temperature Display: Accuracy:	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. DC Complete. Heavy Duty and High Quality For Oral, Underarm, or Rectal use Press ON/OFF button to activate. The unit would beep and display. This LCD display test will go on for around 2 seconds Temperature < 32°C Display L°C. Temperature > 43°C Display H°C. 35°C 39°C ±0.1°C.	Bidders Offer	Notes
1 2 3 4 4.1 4.2 5 5.1 5.2 6 7 8 9 10 11 12 13 14	Technical Specifications Manufacturer: Model Number: Country Of Origin: Safety Standard: CE Mark: If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either: Designed: Quality: Supplier: Power Type: Quality: Operation Details: Display: Low Temperature Display: High Temperature Display: Accuracy: Display Resolution:	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. DC Complete. Heavy Duty and High Quality For Oral, Underarm, or Rectal use Press ON/OFF button to activate. The unit would beep and display. This LCD display test will go on for around 2 seconds Temperature < 32°C Display L°C. Temperature > 43°C Display H°C. 35°C 39°C ±0.1°C. 0.1°C.	Bidders Offer	Notes
1 2 3 4 4.1 4.2 5 5.1 5.2 6 7 8 9 10 11 12 13 14 15	Technical Specifications Manufacturer: Model Number: Country Of Origin: Safety Standard: CE Mark: If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either: Designed: Quality: Supplier: Power Type: Quality: Operation Details: Display: Low Temperature Display: High Temperature Display: Accuracy: Display Resolution: Normal Beep Sound:	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. DC Complete. Heavy Duty and High Quality For Oral, Underarm, or Rectal use Press ON/OFF button to activate. The unit would beep and display. This LCD display test will go on for around 2 seconds Temperature < 32°C Display L°C. Temperature > 43°C Display H°C. 35°C 39°C ±0.1°C. 0.1°C. 10 long beep sounds in 10 seconds.	Bidders Offer	Notes
1 2 3 4 4.1 4.2 5 5.1 5.2 6 7 8 9 10 11 12 13 14 15 16	Technical Specifications Manufacturer: Model Number: Country Of Origin: Safety Standard: CE Mark: If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either: Designed: Quality: Supplier: Power Type: Quality: Operation Details: Display: Low Temperature Display: High Temperature Display: Accuracy: Display Resolution: Normal Beep Sound: Fever Beep Sound:	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. DC Complete. Heavy Duty and High Quality For Oral, Underarm, or Rectal use Press ON/OFF button to activate. The unit would beep and display. This LCD display test will go on for around 2 seconds Temperature < 32°C Display L°C. Temperature > 43°C Display H°C. 35°C 39°C ±0.1°C. 0.1°C. 10 long beep sounds in 10 seconds. (>37.8°C): 30 short beep sounds in 10 seconds.	Bidders Offer	Notes
1 2 3 4 4.1 4.2 5 5.1 5.2 6 7 8 9 10 11 12 13 14 15	Technical Specifications Manufacturer: Model Number: Country Of Origin: Safety Standard: CE Mark: If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either: Designed: Quality: Supplier: Power Type: Quality: Operation Details: Display: Low Temperature Display: High Temperature Display: Accuracy: Display Resolution: Normal Beep Sound:	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. DC Complete. Heavy Duty and High Quality For Oral, Underarm, or Rectal use Press ON/OFF button to activate. The unit would beep and display. This LCD display test will go on for around 2 seconds Temperature < 32°C Display L°C. Temperature > 43°C Display H°C. 35°C 39°C ±0.1°C. 0.1°C. 10 long beep sounds in 10 seconds.	Bidders Offer	Notes









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
19	Life Of Battery:	2 years or 2500 times.at least		
20	Accessories:			
20.1	Treesportes.	1 X Plastic Case.		
20.2		2 X Spare Part Battery.		
20.3		Supplied With Complet Accessories.		
21	Life Span for Item:	7 Years		
22	Warranty:	Minimum of 1 Year.		
23	Other Specification:	Please Specify Other Specification		
GWQ-64	Item Description	Split Unit Air Conditioner 2 Ton	كييف قدرة ٢ طن	حماز تا
311-9-04	Qty	5	0	J 4.
No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
	•		Didders 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	CE Mark	Required Certificates	-	
	If The Machine Have CE			
4.2	Certificate Product Needs To	Australia, Canada, Europe Union, Japan, USA and UK.		
	Have Market Clearance For			
	Either:			
5	Genaral Specification:	The Unit Shall be Safe to Use		
5.1	Designed:	Heavy Duty Designed, New Model.		
5.2		The Item Must have Lattest Version		
5.3	Quality:	High Quality,		
6	Cooling Capacity:	5 kW (2 TR)		
7	Star rating :	3		
8	Max. Ambient temp:	45 °C.		
9	Energy efficient ratio (EER) :	3.2 Or Better.		
10	Electrical input:	230V/50Hz/Single Phase		
11	Noise level Indoor unit:	≤ 40 dB		
12	Air flow rate:	425 CFM or more		
13	Fan speed:	3 Steps.		
14	Function modes:	Auto/Cool/Fan/Dry – shall have power saving mode, temperature setting option should be available.		
15	Body surface finish:	Powder coated/high quality paint finish.		
16	Air filtering unit:	Dust proof and anti-bacteria filter		
17	Length of tubing:	5 m or as per the installation requirement.		
18	Remote control:	Wireless with LCD display.		
19	Refrigerant type:	R-22 or R-410A or any other refrigerant as per current industry		
20	Estimated life-Span of the Item:	standard. At Least 10 Years		
21	Warranty:	Minimum 1 Year.		
21 22	Other Specification:	Please Specify Other Specification		
			يم بالبخار مع وحدة	حماز تعقب
GWQ-65	Item Description	Bench Top Steam Sterilizer With Drayer	يم بابدر عن وسان التجفيف	, Jo.
	Qty	1		
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:	T T		
4.1	FDA Certificate Or CE Mark:	Required Certificates		
I		1 - 1	1	









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
110.	If The Machine Have CE	Will Morr Requirement	Diddel 5 Offer	110103
	Certificate Product Needs To			
4.2	Have Market Clearance For	Australia, Canada, Europe Union, Japan, USA and UK		
	Either:			
5	Genaral Specification:	The Unit Shall be Safe to Use		
5.1	Designed:	Heavy Duty Designed, New Model.		
	Designed.	The Machine should be of Latest Model and Must Have Lattest		
5.2		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	Air Removal Method:	To Facility Requirements		
7	Chamber Material:	314 Stainless Steel		
7.1	Type:	Class B		
7.2	Number of trays:	2-3.		
8	Water Reservoir Capacity, L:	35-45 L		
9	Preprogrammed Cycles, Type:	Wrapped, Unwrapped		
10	Cycle Number ,Type:	Please Specify		
11	Minimum Cycle Time ,Min:	Please Specify		
12	Automatic Cycle Shut off:	Included.		
13	Temperature Range, °C:	100-134 °C		
13.1	Overheat shutoff:	Included.		
14	Pressure Purge:	Please Specify		
15	Controller Type:	Please Specify		
15.1	Programmable:	Included.		
16	Alarm Conditions:	A., 1711		
16.1	Indicator type:	Audible, visual		
16.2	Chamber pressure or	Audible, visual		
16.2	temperature Failure:	Audible, visual		
16.3 16.4	Cycle digrantian or Failure:	Audible, visual Audible, visual		
17	Cycle disruption or Failure: Data Management:	Audibie, visuai		
17.1	Recorder:	Included.		
17.2	Printer:	Included.		
18	Power Supply, VAC:	110-230 50/60 Hz		
18.1	Consumption, Kw:	Please Specify		
19	Drayer Function:	Included. Vaccum Type		
20	Accessories:			
20.1		Steel container: plain basket with handles.		
20.2		Paper for printer Qty: 10 rolls		
20.3		Spare Part Heater 1 Pcs.		
20.4		Rubber Gasket for Door 1 Pcs.		
21	Life Span for Machine:	10 Years		
22	Maintenance:			
22.1		2 Years Free Maintenace.		
22.2		Service Manual and Operation Manual {Hardcopy & Softcopy}		
22.3		Application Software and Interface Connection Included.		
23	Power Supply:	$100 \text{ to } 240 \text{ V} \sim \pm 10\%, 50 \text{ Hz}$		
24	Other Specification:	Please Specify Other Specification		
GWQ-66	Item Description	Double Sink Wash Basin Stainless Steel	سل الأدوات أستيل	حوض لغ
	Qty	1		
No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
	-		Diduers Offer	notes
1	Manufacturer :	Please Specify Manufacturer Name. Please Specify Model Number of The Offered Equipment		
2	Model Number:	Please Specify Model Number of The Offered Equipment.		
3	Country Of origin:	Please Specify Country of Origin of The Offered Equipment.		









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
4	Safety Standard:	Will WOIF Requirement	Didders Offer	TTOTES
4.1	FDA Certificate Or CE Mark:	Required Certificates		
4.1	If The Machine Have CE	Required Certificates		
	Certificate Product Needs To			
4.2	Have Market Clearance For	Australia, Canada, Europe Union, Japan, USA and UK		
	Either:			
5	Genaral Specification:	The Unit Shall be Safe to Use		
5.1	Designed:	Heavy Duty Designed.		
5.2	Quality:	High Quality		
6	Material:	304 Grade Stainless Steel.		
7	Internal Bowl Size of:	24" Long x 26" Wide x 15" Deep for Every One.		
8	Thickness:	1.5 mm		
9	THERICSS.	Splash back to the rear.		
10		Mounted on Stainless Steel Adjustable Legs.		
11	Estimated life-Span of the Item:	At Least 7 Years		
12	Warranty:	Minimum of 1 Year.		
13	Other Specification:	Please Specify Other Specification		
GWQ-67			بة نقل أدوات	AC TOTAL
GWQ-07	Item Description	Delivery Trolley	ب عن ردورت	
Na	Qty Technical Specifications	Min MOII Doggii	Diddong Off	NoAc
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.		
5.2	Quality:	High Quality		
6	Quarty:	Delivery Trolley .Heavy duty, high quality		
7		Double Shelves		
8	Dimension:	60 cm x 150 cm Approx		
9		Heavy duty tubular frame		
10	Castors:	Heavy duty wheel 2 swivel/2 fixed		
11	Estimated life-Span of the Item:	At Least 7 Years		
12	Warranty:	Minimum of 1 Year.		
13	Other Specification:	Please Specify Other Specification		
GWQ-68	Item Description	Sterilizer Cart	فل أدوات معقمة	عربة
	Qty			
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		
	If The Machine Have CE			
4.2	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		
	_			









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
5.1	Designed:	Heavy Duty Designed.	Didders Offer	110165
5.2	Quality:	High Quality		
6	Features:			
	reatures.	Mobile Open Sterilizer Cart Designed for the sterilization of instrument		
6.1		containers, wrap sets, and other sterile items.		
6.2	Capacity:	(100kg).		
		25 mm Tubular Stainless Steel that forms the removable and adjustable		
6.3	Construction:	shelves on 3-5 sets of Runners.		
7		The bottom solid shelf is robotically welded to the frame to provide		
		Additional Support.		
8		Shelves and baskets Remain Secure During Transport.		
9	Casters:	All casters are high temperature stainless teel with non-marking thermoplastic rubber wheels.		
9.1		Four(125 mm) swivel casters, 2 c/w front locking brakes as standard.		
10	Estimated life-Span of the Item:	At Least 7 Years		
11	Warranty:	Minimum of 1 Year.		
12	Other Specification:	Please Specify Other Specification		
GWQ-69	Item Description	Stand Shelves for Sterlizer Room	عقيم لغرفة التفييم	أدراحت
GWQ-09		Stand Sherves for Sternzer Room	میم عرف اسیم	- (J-)
	Qty			
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		
	If The Machine Have CE	Australia, Canada, Europe Union , Japan, USA and UK		
4.2	Certificate Product Needs To			
7.2	Have Market Clearance For	rastrara, Carada, Europe Chion, Japan, Corraina Cri		
	Either:			
5	Genaral Specification:	The Unit Shall be Safe to Use		
5.1	Designed:	Heavy Duty Designed.		
5.2	Quality:	High Quality		
6		Shall Have 4 Shelves, Adjustable in Height		
7		Floor Adjustable Studs		
8		Indicative Dimensions: According to The Size of the Sterlizer Room		
9	Estimated life-Span of the Item:	At Least 7 Years		
10	Warranty:	Minimum of 1 Year.		
11	Other Specification:	Please Specify Other Specification		
GWQ-70	Item Description	Ultrasonic Cleaner	ف أدوات بالموجات ق الصوتية	جهاز تنظيا
	Oty			
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		
	If The Machine Have CE			
	Certificate Product Needs To			
4.2	Have Market Clearance For	Australia, Canada, Europe Union , Japan, USA and UK		
	Either:			
5	Genaral Specification:	The Unit Shall be Safe to Use		
5.1	Designed:	Heavy Duty Designed.		
		·	· -	









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
		The Machine should be of Latest Model and Must have Lattest		
5.2		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.		
		Ultrasonic cleaners function by producing sound waves that are		
6		transmitted into the tank and cleaning solution. These waves create		
Ů		millions of microscopic bubbles, which collapse or implode', releasing		
		large amounts of energy, which scrub the surface clean. These tiny bubbles Create Incredible Cleaning Results not only to the		
7		surface, but by penetrating the finer detail and recesses		
8	Timer Settings:	1-30 Minute Full Range Timer		
9	Tank Size:	5-10 L		
10	Ultrasonic Frequency:	35-40 kHz Or Better.		
11	Power Consumption:	170W Max		
12	Display:	LCD Display		
13	Accessories:		ļ	
14		1 X Tray Instruments		
15	Estimated life-Span of the Item:	At Least 7 Years		
16	Warranty:	Minimum of 1 Year.	-	
17	Other Specification:	Please Specify Other Specification	4 A 4 A	1 1
GWQ-71	Item Description	Stainless Steel Table Work	لة عمل أستيل	طاوا
	Qty			
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		
	If The Machine Have CE			
4.2	Certificate Product Needs To	Australia, Canada, Europe Union , Japan, USA and UK		
	Have Market Clearance For			
	Either:			
5	Genaral Specification:	The Unit Shall be Safe to Use		
5.1	Designed:	Heavy Duty Designed.		
5.2	Quality:	High Quality Stainless Steel Table Work		
7	Material:	Stainless Steel Table Work Stainless Steel		
8	Surface Finish:	Polish	 	
9	Load Capacity:	150KG/tier		
10	Color:	Silver		
11	Dimensions:	1800x800		
11.1	Length:	180-200 cm		
11.2	Width:	70-80 cm		
11.3	High:	80-90 cm		
12	Estimated life-Span of the Item:	At Least 7 Years		
13	Warranty:	Minimum of 1 Year.		
14	Other Specification:	Please Specify Other Specification		
GWQ-72	Item Description	Electric I.C.U. Bed	ة مركزة مع الملحقات	سرير عناي
	Qty	1		
No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
	Manufacturer :	Please Specify Manufacturer Name.		
1	ivianuiaciuici.		<u>-</u> .	
1 2	Model Number:	Please Specify Model Number of The Offered Equipment.		
1 2 3				
	Model Number:	Please Specify Model Number of The Offered Equipment.		









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
	CE Mark:	•	Didders Offer	Notes
4.1	If The Machine Have CE	Required Certificates.		
4.2	Certificate Product Needs To	Australia, Canada, Europe Union, Japan, USA and UK		
	Have Market Clearance For			
	Either:	W. L. D. L. L. W. L. L.		
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:	Electric Critical Care Beds		
7	Patient Controls:			
7.1	Location:	Clearly visible with symbols		
7.2	Functions:	5		
8	Nurse Controls:	Positioning, nurse call		
8.1	Patient control lockouts:	Required		
8.2	Full-low Indicator:	Required		
8.3	CPR control	Required		
8.4	Trendelenburg head section	Required		
0.4	Indicator:	Required		
9	Automatic Contour :			
10	Retractable :	Required		
11	Maximum Patient Wehght, kg:	≥ 200 kg		
12	Bariatric Features:			
13	Radiographic/Fluoroscopic Features:	Diolucent window for fluoroscopy/radiology beds		
14	Siderail Length:			
14.1	Length, cm (in):	Please Specify		
14.2	Percentage of overall:	Please Specify		
15	Casters:	Trease specify		
15.1	Diameter, cm:	12.5		
15.2	Functions:	Swivel, conductive, ≥2 locking		
16	Central Brake System :	Required		
17	Bumpers:	Required		
18	Removable Headboard:	Required		
19	Removable Fottboard:	Required		
20	IV Pole:	≥1 on each side		
20.1	Mounts:	Required		
21	Overall Dimensions:	•		
21.1	L x W, cm:	Approx. 210 x 100		
21.2	Height, cm:	Adjustable, ≥84		
22	Weight, kg:	200 kg		
23	Battery Backup:	Yes		
23.1	Operating time, hr:	Please Specify		
23.2	Rechargeable:	Yes		
24	Power Supply:	100 to 240 V ~ $\pm 10\%$, 50/60 Hz Single phase		
25	Life Span for Machine:	10 Years		
26	Warranty:	Minimum of 1 Year.		
27	Accessories:			
27.1		1 X Mattres 10-15 cm (4-5 Sections)		
27.2		1 X Over Bed Table		
27.3		1 X Bedside Cabinet		
28	Other specification	Please Specify Other Specification		
GWQ-73	Item Description	Hygrometer Digital	س نسبة الرطوبة	حماز قبا
0 11 Q-13		Trygrometer Digital		* J 0 +
	Qty			









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
1	Manufacturer:	Please Specify Manufacturer Name.	Didder's Offer	110105
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:	l lease speerly Country of Origin of The Officea Equipment.		
4.1	FDA Certificate Or CE Mark:	Required Certificates		
7.1	If The Machine Have CE	required Certificates		
	Certificate Product Needs To			
4.2	Have Market Clearance For	Australia, Canada, Europe Union , Japan, USA and UK		
	Either:			
5	Genaral Specification:	The Unit Shall be Safe to Use		
5.1	Designed:	Heavy Duty Designed.		
	Designed.	The Machine should be of Latest Model and Must have Lattest		
5.2		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		
	ouppner.	Company.	<u> </u>	
6		Fast Response time		
7		High Accuracy		
8		Simultaneous Indication of Temperature and Humidity		
9		Automatic Stiwch-off		
10		Calculation of Dew Point and Wet-Bulb Temperature		
11		Background Lights		
12		Data Memory of max. value		
13		Compact and Light		
14	Technical specifications:	0 1000 1 00 1000		
14.1	Measurement Ranges:	0 to 100% r.h , -30 to 100°C		
14.2	Resolution:	0.01% r.h , 0.01°C		
14.3	Accuracy:	±2.0% r.h. at 25°C, ±0.5°C at 25°C		
14.4	Display:	LCD Type		
14.5	Battery:	9V Battery (PP3) Or Equivalent About 10 Sec Or Better.		
14.6 15	Response Time % r.h:	About 10 Sec Of Better.		
	Accessories:	1 V Comming Cose		
15.1		1 X Carrying Case		
15.2	Estimated life Coop of the Itams	1 X Spare Part Battery. At Least 7 Years		
16 17	Estimated life-Span of the Item:	Minimum of 1 Year.		
18	Warranty: Other Specification:	Please Specify Other Specification		
			ح أفلام الأشعة	
GWQ-74	Item Description	X-Ray Viewer	ع افارم الإسعاد	موص
	Qty			
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		
	If The Machine Have CE			
4.2	Certificate Product Needs To	Australia, Canada, Europe Union , Japan, USA and UK		
4,2	Have Market Clearance For	James, Zaropo Omon, Japan, Obri and Ori		
	Either:			
5	Genaral Specification:	The Unit Shall be Safe to Use		
5.1	Designed:	Heavy Duty Designed.	<u> </u>	
5.2		The Machine should be of Latest Model and Must have Lattest		
	Quality	Technology High Quality, Safety, Ease of Use		
5.3	Quality:	Ingh Quanty, Sarcty, Ease of Osc	1	









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

No.	Technical Specifications	ورید منجهیر ودنیت قسم طواری انو ده بمشنشگی راش انعاره = مدیریه انعار Min MOH Requirement	Bidders Offer	Notes
	•	The Supplier is required to be a Certified Distributor or Agent of The	Bluders Offer	Notes
5.4	Supplier:	Company.		
6	Type:	Wall mounted X-Ray film viewer		
7	Construction:	made from acrylic translucent diffusing materials.		
/	Construction:	screen thickness ≥ 3mm approx. automatic gripping mechanism included		
		For general radiology applications.		
8	Functionality:	Appropriate for viewing a board band rang of film sizes		
9	Viewing panel size (L x W), cm:	(35 x 43)		
10	Light:	LED		
11	Number of Lamps:	Please specify		
12	On – Off Switch:	Included		
13	Power Supply:	220 V / 50 Hz		
14	Warranty:	Minimum of 1 Year.		
15	Other Specification:	Please specify other specification	b as by both of by	A
GWQ-75	Item Description	ECG machine 12 ch. With Trolley	ليط القلب مع الترولي	جهاز تخط
	Qty			
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		
	If The Machine Have CE			
4.2	Certificate Product Needs To	Australia, Canada, Europe Union, Japan, USA and UK		
	Have Market Clearance For			
	Either:			
5	Conoral 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:		
3	Genaral Specification:	class I, Waterproofnessl.		
5.1	Designed:	Heavy Duty Designed, New Model.		
		The Machine Should be of Latest Model and Must have Lattest		
5.2		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. Fully Automatic, Microprocessor Controlled, Channel Resting		
6	System:	Electrocardiograph, Mains and Battery Operated, Built-in LCD		
		Suitable for Adult/Pediatric/Neonate modes, and easy to all functions		
		and parameter settings. Alarm mute On/Off recorder, Built-in alarm		
7	Modes:	mute, on/off freeze, on/off recorder, Leads Switching, automatic signal		
		Calibration, and Leads-off indicator, Automatic Switch off: After 5 min inactive		
8	Sensitivity:	2.5, 5, 10, 20 mm/mV.		
	•	Range for diagnostic: 0.67-150 Hz, range for filtering: Any line		
9	Frequency:	frequency, low and muscle artifact/high frequency.		
		Channels: Multi channels, ECG leads: 12 standard leads, method:		
10	Recording:	Automatic/manual, speed: 35, 65 mm/sec, automatic printout on		
		standard paper printer if printer is connected, printout on internal thermal printer for realtime manual mode.		
		PR, PQ, QT, ATC, P, QRS, T, HR; others by requirements and		
11	Measurements:	clinician preference. PR, PQ, QT, ATC, P, QRS, T, HR; others by		
		requirements and clinician preference, Arrhythmia analysis.		
12	Visual Indicators:	Visual Indicators: Loose contact, lead fail, low battery, system status,		
		artifacts and anthers.		
13	Patient leakage current:	Less than 10μ A. Included. At Least 4 Hrs.		
14	Battery Life Span for Machine			
15	Life Span for Machine:	10 Years		









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

No		ورید تنجهیر و تادیث فسم طواری انو ده بمنتشقی راش انعاره ــ مدیریه انعاره		NIchon
No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
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	Accessories:	3 x Roll Paper		
17.1		1 X High Quality Trolley With Arm.		
17.2		1 X Case, carrying.		
17.3		2 X Packs, thermosensitive. 50mmx20m.		
17.4		2 X Electrodes, Limb. clamp type.		
17.5		2 Kits X Electrodes, Suction.		
17.6		200 Pcs X Electrodes, Resting. Disposable.		
17.7		10 X Adaptors, Clip.Alligator.4mm.		
17.8		2 X 250g Gel, electroconductive.		
17.9		2 X Patient cable. Banana plug.		
18	Power supply	$100 \text{ to } 240 \text{ V} \sim \pm 10\%, 50/60 \text{ Hz}.$		
19	Other Specification:	Please Specify Other Specifications.		
			لة يادوية التخدير مع	عرية خاص
GWQ-76	Item Description	Anesthesia Trolley With Complete Accessories	لة بادوية التخدير مع الملحقات	
	Qty	1		
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:	rease speerly country of origin of the officea Equipment.		
4.1	FDA Certificate Or CE Mark:	Required Certificates		
4.1	If The Machine Have CE	Required Certificates		
4.2	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	*	Heavy Duty Designed, New Model.		
ļ	Designed:			
5.2	0 14	The Item Must have lattest Version		
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	Material:	ABS, steel, aluminum alloy		
7	Cart Dimension:			
7.1	Height:	>100 cm		
7.2	Depth:	60 - 70 cm		
7.3	Width:	50 -60 cm		
8	Drawers:	At Least 5 Drawers Different Sizes.		
9	Drawer Dimension:			
9.1	Height:	6 - 8 cm		
9.2	Depth:	40 -50 cm		
9.3	Width:	50 -60 cm		
10	Castors:	Four casters ,two with brakes		
11	Accessories:			
11.1	Treesportes.	Height adjustment I.V. Pole		
11.2		Divided Drawer Tray		
11.3		Tilt Bin Organizer		
11.4		Sharps Container		
11.5		Collapsible Working Table.		
11.6		Trash Cans		
12	Estimated life-Span of the Item:	At Least 7 Years	<u> </u>	









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

No.	Technical Specifications	Min MOH Requirement	Bidders Offer Notes
13	Warranty:	Minimum of 1 Year.	
14	Other Specification:	Please Specify Other Specification	
17	Other Specification:	rease speerly other speemeation	
GWQ-77	Item Description	Instrument Cabinet (OT) 2-doors St .St, glass	دولاب لحفظ المستلزمات نوع أستيل
	Qty		
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	
	If The Machine Have CE		
4.2	Certificate Product Needs To	Australia, Canada, Europe Union, Japan, USA and UK	
4.2	Have Market Clearance For	Australia, Callada, Europe Ollioli, Japan, OSA and OK	
	Either:		
5	Genaral Specification:	The Unit Shall Be Safe to Use	
5.1	Designed:	Heavy Duty Designed, New Model.	
5.2		The Item Must have lattest Version	
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	Material of Construction:	Heavy Duty Stainless Steel 304 or Better.	
7	General Description:		
7.1	•	Cabinet, Instruments, Double Door	
8	Technical Specifications:		
8.1	•	Instruments storage cabinet, double door	
8.2		Recessed safety glass in the doors allows for viewing of cabinet content	
8.3		Safety glass is supported by door frame on both sides, leaving no glass edges exposed	
8.4		Inside reinforced fixtures facilitate height adjustment of the 5 glazed removable shelves	
8.5		Doors are triple hinged, closed with handle and lockable with key	
8.6		Two-point lock, slides in frame at the top and base	
8.7		Key is unique for each single cabinet, key-bow folds away from key- blade avoiding breakage when inside lock	
8.8		Clearance underneath the cabinet allows for easy cleaning	
9	Materials:		
9.1		High Resistance to Corrosion (Tropical Environment)	
9.2	Frame, Side Panels, Base, Top:	Stainless Steel	
9.3	shelves:	Epoxy Coated Plate Steel	
9.4	Doors:	Hardened safety glass, grounded edges, with key-lock.	
10	Dimensions:		
10.1	Cabinet, Overall:	80-100 x 40-60 x 180-200cm (1 x w x h).	
10.2	Clearance underneath:	10cm.	
10.3	Safety Glass:	3-5 mm (thickness).	
10.4	Front Glass Area:	65-70%.	
10.5	Frame, drawer, door and panels:	1.2-1.8 mm (thickness).	
10.6	Door, Opening Angle:	180 degree	
11	Carrying capacity, each shelf:	25-30 kg.	
12	g cupucity, then show.	Shall be Dust & Rust proofed	
13	Items Supplied With:	1	
13.1	The second secon	1 x Complete Set of Tools Required for Assembly	
13.2		1 x Set of 5 Shelves	
13.3		1 x Set of 2 Keys, Unique Per Cabinet	
13.3	<u> </u>	11 A DOI OI 2 INCYS, OTHQUE I OI CAUTHET	









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
14	Estimated Life-Span of the Item:	At Least 7 Years		
15	Wannanty	Minimum of 1 Year.		
16	Warranty: Other Specification:	Please Specify Other Specification		
			St. a. T. At at a	Ž
GWQ-78	Item Description	Mayo Table Stainless Steel	مناولة متحرك	عربه
	Qty			
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		
	If The Machine Have CE			
4.2	Certificate Product Needs To	Australia, Canada, Europe Union, Japan, USA and UK		
4.2	Have Market Clearance For	Australia, Caliada, Edrope Olifoli, Japan, OSA and OK		
	Either:			
5	Genaral Specification:	The Unit Shall Be Safe to Use		
5.1	Designed:	Heavy Duty Designed, New Model.		
5.2		The Item Must have lattest Version		
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	Material of Construction:	Stainless Steel 304 or better.		
7	Shelves:	One Bin.		
8	Dimensions:			
8.1		Depth = 45 Cm Approx.		
8.2		Width = 60 Cm Approx.		
8.3		Height = 80 Cm Approx.		
9		Trolley for Instruments.		
10	Castors:	Mobile on 4 antistatic castors, 2 of which shall have foot brakes		
11		The unit shall be height adjustable with rebatted edges		
12		Equipped with stainless steel bin (At least 15L Capacity) and Bowls' rack		
13	Accessories & Options:	Please Specify		
14	Estimated life-Span of the Item:	At Least 7 Years		
15	Warranty:	Minimum of 1 Year.		
16	Other Specification:	Please Specify Other Specification		
GWQ-79	Item Description	Stand Drip IV	مغذية متحرك	حامل
	Qty	1		
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		
	If The Machine Have CE			
12	Certificate Product Needs To	Australia Canada Europa Union Israe IICA and IIV		
4.2	Have Market Clearance For	Australia, Canada, Europe Union, Japan, USA and UK		
	Either:			
5	Genaral Specification:	The Unit Shall be Safe to Use		
5.1	Designed:	Heavy Duty Designed, New Model.		
5.2		The Item Must have Lattest Version		
5.3	Quality:	High Quality,		









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
	•	The Supplier is Required to be a Certified Distributor or Agent of The	Didders Offer	Notes
5.4	Supplier:	Company.		
6	Type:	Drip Stand or Rod for I.V. Procedures		
7	Construction:	Rod made of chrome-plated steel tubing, Adjustable heightonstructed from heavy duty section steel tube		
8		Shall be mobile on very stable stand with 5 castors, 5 stars-shaped. Castors shall be orientable and shall have a smooth running		
9		Rod equipped with 4 hooks configuration.		
10	Estimated life-Span of the Item:	At Least 7 Years		
11	Warranty:	Minimum of 1 Year.		
12	Other Specification:	Please Specify Other Specifications.		
GWQ-80	Item Description	Waste Bin Paddle Action S/S with Removable	مهملات إستيل	سلة
	0.1	Basket 10 L		_
	Qty	3		
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		
	If The Machine Have CE			
4.2	Certificate Product Needs To	Australia Canada EII Ianan IISA and IIV		
4.2	Have Market Clearance For Either:	Australia, Canada, EU, Japan, USA and UK		
5	Genaral Specification:	The Unit Shall be Safe to Use		
5.1	Designed:	Heavy Duty Designed, New Model.		
5.2	Designed.	The Item Must Have Lattest Version		
5.3	Quality:	High Quality,		
5.4	Supplier:	the Supplier is Required to be a Certified Distributor or Agent of the		
6		Company. Waste Bin Padel Action S/S with removeable S/S Basket		
7	Material of Construction:	Stainlees Steel		
8	Capacity:	10 L		
9	Estimated life-Span of the Item:	At Least 7 Years		
10	Warranty:	Minimum of 1 Year.		
11	Other Specification:	Please specify other specification		
11	Other Specification.	I lease specify other specification		أسطمانة
GWQ-81	Item Description	Cylinder Nitrous Oxide 40L with Regulator	غاز النيتروز مع ظم والمرطب	المنطورات
	Qty	2		
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:	1		
4.1	FDA Certificate Or CE Mark	Required Certificates		
	If The Machine Have CE			
	Certificate Product Needs To			
4.2	Have Market Clearance For	Australia, Canada, EU, Japan, USA and UK		
	Either:			
5	Genaral Specification:	The Unit Shall be Safe to Use		
5.1	Designed:	Heavy Duty Designed, New Model.		
5.2	Dongieu.	The Item Must Have Lattest Version		
5.3	Quality:	High Quality,		
J.J	Zuanty.	Inign Yuanty,		l









مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

Tables of Technical Specifications for Tables of Technical Specifications for equipping, and furnishing an obstetric emergency department in Al-Ara hospital -Al Madaribah, Al Ara District, Lahj Governorate.

No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
5.4	Supplier:	the Supplier is Required to be a Certified Distributor or Agent of the		
3.4		Company.		
6	Type:	Cylinder Nitrous Oxide <u>Filled</u> .40L (60m3)		
7	Medical Oxygen Cylinder:			
7.1		Nitrous Oxide spindle key for bull nose, Spare spindle key for pin index		
7.2	Pressure:	Working pressure 150Bar/200Bar		
7.3	Capasity:	40 liters (Bull Nose British standard).		
7.4	Material:	Special Steel (Anti Rust). Blue Color.		
8	Oxygen Trolley on castor:			
8.1	Quality:	High quality.		
8.2	Material:	Special Steel.		
8.3	Load:	(40-50 kgs cylinder).		
9	Oxygen Regulator and Humidifier:			
9.1		From 0.15 L/min to 15 L/min.		
9.1	Flow Range: Maximum possible flow:	35 L/mn above range.		
9.2	Input pressure:	Not less than 3.5 bar +/- 0,7		
9.4	Suitable for all types of fitting:	Wall outlet, trolley.		
9.5	Suitable for all types of fitting.	Autoclavable, unbreakable		
9.6		Clear vision of bubbles		
9.7	Humidification at 4 L/mn - 20° C:	~3 ml/h		
9.8	Humidification at 12 L/mn - 20° C:	~9 ml/h		
9.9	Capacity:	100 ml (distilled water)		
9.1	Porosity of diffuser:	No more than 70 microns		
9.11		Humidifier, Autoclavable, for multipurpose uses in Medical and Surgical Sections. Shall have the capability to be associated with Flowmeters (N2O) or O2, O2 Reserve Cylinders and O2 Generators		
9.12		Fixation to flowmeters or any compatible devices shall be easy and fast (1/4 twist shall be acceptable)		
10	Oxygen masks (for child.&adult) & connections :	, , , , , , , , , , , , , , , , , , ,		
10.1	Quality:	High quality.		
10.2	Material:	Silicone and Rubber.		
11	Accessories:			
11.1		3 X Face Mask diffrent Size for adult. Resuable Type		
11.2		3 X Face Mask diffrent Size for children. Type		
11.3		1 X Tubing.		
11.4		1 X Nitrous Oxide Trolley		
12	Estimated life-Span of the Item:	At Least 10 Years		
13	Warranty:	Minimum of 1 Year.		
14	Other Specification:	Please Specify Other Specification.		