







## Project Strengthening Institutional and Economic Resilience in Yemen (SIERY)

مشروع / تعزيز المرونة المؤسسية والاقتصادية في اليمن (SIERY)

# المواصفات الفنية

Technical Specifications for Equipping and furnishing the emergency department in Al-Wahat hospital in Tuban District, Lahj Governorate.

المواصفات الفنية لتوريد وتجهيز قسم الطوارئ بمستشفى الوهط في مديرية تبن - محافظة لحج









## Tables of Technical Specifications for Equipping and furnishing the emergency department in Al-Wahat hospital in Tuban District, Lahj Governorate.

NI-		لتوريد وتجهيز وتاتيت فسم الطوارئ بمستشفى الوهط في مديرية تبن	Diddona Off	NI-4-
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			
4.2	Certificate Product Needs To	Australia, Canada, Europe Union, Japan, USA And UK.		
4.2	Have Market Clearance For	Australia, Caliada, Edrope Ollioli, Japan, OSA Alid OK.		
	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		
		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 &		
,	v chillation mode	pediatric.and Neonate		
		BIPASIC, VG and Bi level ventilation modes, PC-CMV, PC-BIPAP1		
<b>7.1</b>		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:	required with an Modes.		
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:			
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		
	Graphic waveform, Trends &			
10	Loops:			
10.1	<u> </u>	Flow		
u	<u> </u>		1	









## Tables of Technical Specifications for Equipping and furnishing the emergency department in Al-Wahat hospital in Tuban District, Lahj Governorate.

		لتوريد ونجهيز ونانيت فسم الطوارئ بمستشفى الوهط في مديريه نبن		
No.	Technical Specifications	Min MOH Requirement	<b>Bidders Offer</b>	Notes
10.2		Volume		
10.3		Pressure		
11	Ventilation Display / Monitored:	Multicolor LCD / LED display		
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):	T/h.i.s.h		
12.1		Low/high pressure limit Low O <sub>2</sub>	<del> </del>	
12.2		-		
12.3		Low / high PEEP / CPAP pressure		
12.4 12.5		Low / high tidal volume  Low / high minute volume	+	
12.5	1	Low / high respiratory rate		
12.7		O <sub>2</sub> Concentration: 18-100 %		
12.7		Apnea		
12.9		All alarms audible and visible		
13	Equipment Alarms:	7 III didinis didiole did visiole		
13.1	Equipment marms.	Power failure		
13.2		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	1	
14.7		Apnea		
14.8		Continuous high pressure/occlusion		
14.9		Inverse IE ratio		
14.1	<u> </u>	High respiratory rate		
14.11	<del> </del>	High PEEP	1	
14.12	Donouting (mark - 1, mark)	Breathing circuit disconnect		
15	Reporting (vent alarms and			
15.1	patient status):	Dagwined	+	
15.1	View reports on display Save data to USB	Required		
15.2 15.3		Required Required	+	
15.5	Send data via network	required		
16	Inlet gas supply pressure (Air/O <sub>2</sub> ):	(30-80) PSI		
17	On-Board Air Compresspr Or Turbine	Please specify		
17.1	Compressor for ventilator:	Medical type, high quality and heavy duty		









## Tables of Technical Specifications for Equipping and furnishing the emergency department in Al-Wahat hospital in Tuban District, Lahj Governorate.

Transparent   Specifications   Min. MOH. Regularement   Stiders Offers	N.T.	•	تتورید ونجهیر ونایت قسم انتواری بمستشعی انومط فی مدیریه نبل	D: 1.1 Occ	NT - 4
Water and oil Free   Low mone (= 0 did th)   Low mon	No.	Technical Specifications	Min MOH Requirement	<b>Bidders Offer</b>	Notes
17.4					
Automatic compressor backup system Afair compressor will switch on automatical when their pressure is failed					
17.6	17.4		, , , , , , , , , , , , , , , , , , ,		
17.6   Eap accessible   International Continues   International Cont	17.5				
19   Display   Led, toucheress					
18		/D1-*	·		
19   Display sizes (in):   min 15 in   Ul Years					
20		<u> </u>			
21.1   2   Years Free Maintenance.					
21.1   2 Years Free Maintenance.   21.2   Service Manual and Operation Manual [Handcopy & Softcopy]   21.3   Space Parts list with code NO   24.1   Is O2 sensor (Permanent Type)   Is Active Immidifier   24.1   Is Accessories:   Is Active Immidifier   24.2   Is Active Immidifier   24.3   2.8 Reasable patient circuit for pediatric   24.4   2.8 Reasable patient circuit for pediatric   24.4   2.8 Reasable patient circuit for pediatric   24.5   2.8 Reasable patient circuit for pediatric   24.6   Is Resuable Yes Immigrated Patient   Pediatric and Neonate   24.7   24.8   3.4 Disposable patient circuit for Pediatric and Neonate   24.8   3.4 Disposable patient circuit for pediatric   24.9   3.4 Disposable patient circuit for pediatric   24.9   3.5 Disposable patient circuit for pediatric   24.11   Neolutizer Bulled in   24.11   Neo			10 Years		
Service Manual and Operation Manual (Hardcopy & Softcopy)		Maintenance:			
24.1 Accessories:  1 k O2 sensur (Permanent Type) 24.1 Is Active Humidifier 24.1 Is Active Humidifier 24.3 Q x Resusble patient circuit for pediatric 24.4 Q x Resusble patient circuit for schools 24.5 Q x Resusble patient circuit for schools 24.6 Is Resusble patient circuit for schools 24.6 Is Resusble patient circuit for schools 24.7 Is Resusble Test lung for Adult , Pediatric and Neonate 24.7 Is Resusble Test lung for Pediatric and Neonate 24.8 A S x Disposable patient circuit for pediatric 24.9 S x Disposable patient circuit for pediatric 24.11 S x Disposable patient circuit for pediatric 24.12 All needed accessories for full pediatric & adult and Neonatal use 25 Training 26 Internal back-up battery 27 Self diagnostic error / calibration massage 28 Power supply 29 Other specification 29 Power supply 29 Other specification 30 Country of Origin: 40 Nanufacturer: 41 Manufacturer: 42 Pleas Specify Media Number of The Offered Equipment. 43 Safety Standard: 44 Safety Standard: 45 Safety Standard: 46 Safety Standard: 47 CE Mark: 48 Required Certificates 49 Pessigned: 50 Pessigned: 51 Designed: 52 Heavy daty Designed, New Model. 53 Quality: 54 Supplier: 55 Genaral Specification: 56 Flow rate L/ Min: 57 Notes than 700 montle. 58 Supplier: 59 Vacuum, nmHg: 50 Notes Shan 700 montle. 50 Notes Internal Description 50 Notes Shan 700 montle. 50 Notes Shan 700 montle. 51 Nove Supplier: 52 Notes Shan 700 montle. 53 Quality: 54 Supplier: 55 Supplier: 56 Flow rate L/ Min: 57 Notes Shan 700 montle. 58 Notes Shan 700 montle. 59 Notes Shan 700 montle. 50 Notes Shan 700 montle. 50 Notes Shan 700 montle. 51 Notes Shan 700 montle. 52 Notes Shan 700 montle. 53 Notes Shan 700 montle. 54 Notes Shan 700 montle. 55 Notes Shan 700 montle. 56 Notes Shan 700 montle. 57 Notes Shan 700 montle. 58 Notes Shan 700 montle. 59 Notes Shan 700 montle. 50 Notes Shan 700 montle. 50 Notes Shan 700 montle. 50 Notes Shan 700 montle.					
24.1   Ix O2 sensor (Permanent Type)					
1.   1.   1.   1.   1.   1.   2.   2.			Spare Parts list with code NO		
1x Active Humidifier   24.3   2x Reusable patient circuit for pediatric   24.4   2x Reusable patient circuit for pediatric   24.4   2x Reusable patient circuit for Pediatric   2x Reusable patient circuit for Noonate   2x Reusable Patient circuit for Noonate   2x Reusable Patient per Adult. Pediatric and Neonate   2x Reusable Patient per Pediatric and Neonate   2x Reusable Patient per Pediatric and Neonate   2x Reusable Patient per Pediatric Patient Patient Pediatric   2x Reusable Patient per Pediatric Patient Pediatric   2x Reusable Patient per Pediatric Pediatric   2x Reusable Patient per Pediatric Patient Pediatric   2x Reusable Patient per Pediatric   2x Reusable Patient per Pediatric Pediatric   2x Reusable Patient per Pediatric Pediatric   2x Reusable Patient per Pediatric   2x Reusable Patient   2x Reusable Pati		Accessories:			
24.3   2 x Reusable patient circuit for pediatric					
24.4   2x Reusable patient circuit for Andit   24.5   2x Reusable patient circuit for Nonate   24.6   2x Reusable patient circuit for Nonate   24.6   1x Resumble Test lung for Andit, Pediatric and Neonate   1x Resumble Test lung for Pediatric and Neonate   24.7   1x Resumble Test lung for Pediatric and Neonate   24.8   3x Disposable patient circuit for adult   24.9   3x Disposable patient circuit for adult   24.11   3x Disposable patient circuit for Rediatric   24.11   3x Disposable patient circuit for Rediatric   24.11   Nebulizer Build-in   24.11   Nebulizer Build-in   24.12   All needed accessories for full pediatric & adult and Neonatal use   24.12   All needed accessories for full pediatric & adult and Neonatal use   24.12   User Nurses Training, by Specialist from the Supplier. And Biomedical   Engineers   25   26   27   27   28   28   29   29   20   20   20   20   20   20					
24.5   2x Reusable Patient circuit for Normate   24.6   1 x Resuable Test lung for Adult, Pediatric and Normate   24.7   1 x Resuable Test lung for Pediatric and Normate   24.8   3 x Disposable patient circuit for pediatric   24.9   3 x Disposable patient circuit for pediatric   24.9   3 x Disposable patient circuit for pediatric   24.11   8			<u> </u>		
1x Resuable Test lung for Adult , Pediatric and Neonate     24.7   1 x Resuable Test lung for Adult , Pediatric and Neonate     24.8   3 x Disposable patient circuit for podiatric     24.9   3 x Disposable patient circuit for Adult     24.1   3 x Disposable patient circuit for Neonate     24.1   All needed accessories for full pediatric & adult and Neonatal use     24.1   All needed accessories for full pediatric & adult and Neonatal use     25   Training					
1 x Restable Test lung for Pediatric and Neonate					
3 x Disposable patient circuit for pediatric					
24.9   S x Disposable patient circuit for adult   3 x Disposable patient circuit for Neonate   24.11   S x Disposable patient circuit for Neonate   24.11   Nebulizer Build-in   Nebulizer Build-in					
24.11   Nebulizer Build-in					
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All needed accessories for full pediatric & adult and Neonatal use					
User /Nurses Training   User /Nurses Training, by Specialist from the Supplier. And Biomedical Engineers					
26 Internal back-up battery Operating time, hr : ≥2 27 Self diagnostic error / calibration massage 28 Power supply 100 to 240 V ~ ±10%, 50/60 Hz Single phase 29 Other specification Please Specify Other Specifications.  A-2 Item Description Mobile Electric Suction Machine 2X2 L  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 Have Market Clearance For Either:  The unit shall be safe to use both for -the operator and the patient. Class I, Protection against leakage current, protection against electric shocks: class I, Waterproofnessl.  5.1 Designed: Heavy duty Designed, New Model.  5.2 The machine shuld be of latest model and must have lattest technology  5.3 Quality: High Quality, Safety, Ease of Use the Supplier is required to be a Certified Distributor or Agent of the Company.  Not less than 700 mmHg.	24.12		1		
Included	25	Training			
28 Power supply 100 to 240 V ~ ±10%, 50/60 Hz Single phase 29 Other specification Please Specify Other Specifications.  A-2 Item Description Mobile Electric Suction Machine 2X2 L  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 Have Market Clearance For Either:  The unit shall be safe to use both for -the operator and the patient. Class I, Protection against leakage current, protection against electric shocks: class I, Waterproofnessl.  5.1 Designed: Heavy duty Designed, New Model.  5.2 The machine shuld be of latest model and must have lattest technology  5.3 Quality: High Quality, Safety, Ease of Use  the Supplier: Company.  Not less than 700 mmHg.	26	Internal back-up battery	Operating time, hr : ≥2		
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7 Vacuum, mmHg: Not less than 700 mmHg.	5.4				
8 Vacuum regulate: Manual key adjust the vacuum volume to high or low.	7	Vacuum, mmHg:	Not less than 700 mmHg.		
	8	Vacuum regulate:	Manual key adjust the vacuum volume to high or low.		









## Tables of Technical Specifications for Equipping and furnishing the emergency department in Al-Wahat hospital in Tuban District, Lahj Governorate.

		لتوريد وتجهيز وناتيت فسم الطوارئ بمستشفى الوهط في مديريه نبن	1	
No.	Technical Specifications	Min MOH Requirement	<b>Bidders Offer</b>	Notes
9	Bottles:	Two collecting jars (2) liters fitted with sterilizable rubber bung & fluid		
9	Bottles:	valve. Change-over block from jar to other		
10	Tube:	Suction tube between operation field and suction machine) reusable		
10		length 3m Material silicone, Autoclavable		
11	Castors:	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:			
14.1		2 years free maintenace.		
14.2		Service Manual and Operation Manual {Hardcopy & Softcopy}		
14.3		Application Software and Interface Connection Included.		
15	Accessories:	2 Spare bottles, 10 spare bacterial filters and 1 tube (Must be included 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.		
No.	Item Description	Patient Monitor With Holder	لة المريض مع الحامل	جهاز مراقب
No.	Technical Specifications	Min MOH Requirement	<b>Bidders Offer</b>	Notes
1	Manufacturer:	Please Specify Manufacturer Name.	Diddens Offer	110103
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:	D 1 1 100		
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 safe to use both for -the operator and the patient. Class		
5	Genaral Specification:	I, Protection against leakage current, protection against electric shocks:		
<b>5</b> 1	Dogianod	class I, Waterproofnessl.		
5.1	Designed:	Heavy duty designed, new Model.		
5.2	O a 124	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.		
		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		
7	Displayed information:	Numeric data for the measured vital parameters		
,	- when the minimum.	Vital parameters (72) hrs trends		
	Del III (Control	Vital parameters alarms audio visual		
8	Defibrillation Protection:	Available for the measured vital parameters		
9	Required vital parameters:			
9.1	ECG:	101 1 6 77		
9.1-1	Leads:	12 leads facility		
9.1-2	Values:	ECG lead waveform, label, HR gain as min.		
9.1-3	HR Range:	30-200 bpm		
9.1-4	Alarms:	Leads off, Hi + Low HR		
9.1-5	Gain:	5, 10, 20 mm/mV		
9.1-6	Preferable items:	ST, Arrhythmia, cascade ECG		
9.2	Respiration:			
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:			









## Tables of Technical Specifications for Equipping and furnishing the emergency department in Al-Wahat hospital in Tuban District, Lahj Governorate.

No.	Technical Specifications	Min MOH Requirement	<b>Bidders Offer</b>	Notes
9.3-1	Technology:	Oscillometric		
9.3-2	Values:	SYS , DIA , MEAN , P.R.		
9.3-3	Modes:	Auto, Manual		
9.3-4	<b>Cuff Pressure Range:</b>			
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		
9.5-3	Alarm:	Hi & low		
9.6	ETCO2:			
9.6-1		Should be Main Stream capnography with display of CO2 and digital 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:			
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	1	1 X NIBP reusable cuff pediatric		
12.5	1	1 X NIBP reusable cuff Infant		
12.6	1	1 X NIBP connection hoses		
12.7	_	1 X SPO2 reusable finger probe + Extension cable adult.		
12.8 12.9	-	1 X Temperature reusable sensor skin type for , pediatric and Infant 1 X EtCO2 module with all accessories. (Cable-Sensor)		
12.9	+	1 X EtCO2 module with all accessories. (Cable-Sensor)  1 X Original Holder In The Wall		
12.10	1	Operation Manual		
12.11	1	Service Manual		
12.12	<del> </del>	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 Other Specification:	Operating time, hr: ≥2  Please Specify Other Specifications		
15	Other Specification:	Please Specify Other Specifications.		









## Tables of Technical Specifications for Equipping and furnishing the emergency department in Al-Wahat hospital in Tuban District, Lahj Governorate.

No.	Technical Specifications	سورید ونجهیر ونانیت هم انطواری بمسسی انوامط فی مدیرید نبن  Min MOH Requirement	<b>Bidders Offer</b>	Notes
1100	Item Description	Operating Table "Major"	ه عملیات کبری	
No			Bidders Offer	Notes
No.	Technical Specifications  Manufacturer:	Min MOH Requirement	bluders Offer	Notes
$\frac{1}{2}$	Model Number:	Please Specify Manufacturer Name.  Please Specify Model Number of The Offered Equipment.		
$\frac{2}{3}$	Country Of origin:	Please Specify Woder Number of The Offered Equipment.  Please Specify Country of Origin of The Offered Equipment.		
4	Safety Standard:	Trease 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 continuous		
	Certificate Product Needs To			
4.2	<b>Have Market Clearance For</b>	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 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		
0	Table Desitions	Articulated: ≥220		
8	Table Positions:	Specify Specify		
9	Degrees From Horizontal: Trendelenburg:	≥35		
10	Reverse Trendelenburg:	≥30 ≥30		
	Lateral tilt:	≥25		
11	Vertical range, cm:	60-100 height-adjustable		
12	Table Section:	≥5		
12	<b>Number of Core Sections:</b>	≥3		
13	Degrees from Horizontal:	Specify		
14	Back Section:	70 to 30		
15	Foot/leg Section:	20 to 90		
	Head Section:	45to85		
16	Controls:	Hand or foot and Remote Control		
17	Siderail:	Including.		
10	C-arm accessible:	Including.		
18	Base attachment:	Including.		
19	Column Housing: Conductive Casters:	Including. Including.		
20	Caster Lock:	Including.		
21	Life Span for Machine:	7 Years		
21.1	Maintenance:			
21.2		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		
23.4	<u> </u>	Body Support 1 piece		
23.5	<u> </u>	IV rod, 1 set, adjustable height with clamp		
23.6		Shoulder rest / support with pad, 2 pieces		
23.7	<u> </u>	Head Plate 1 piece		









## Tables of Technical Specifications for Equipping and furnishing the emergency department in Al-Wahat hospital in Tuban District, Lahj Governorate.

No.	<b>Technical Specifications</b>	Min MOH Requirement	<b>Bidders Offer</b>	Notes
23.8	Technical Specifications	Chest & waist support	Didders Offer	110103
24	Maintenance:	2 years free maintenance.		
25	Other Specification:	Please Specify Other Specifications.		
25	Item Description	Defibrillator With ECG Monitor	سدمات کهربائیة	2 1102
No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
1	Manufacturer:	Please Specify Manufacturer Name.	Didders Offer	Notes
2	Model Number:	Please Specify Model Number of The Offered Equipment.		
3		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		
4.2	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	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 & 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		
8.3.1		I, II, III		
8.4 8.5	1 mV Cal. Signal:  Heart Rate Range:	Included  30-250bpm with audio and visual alarm with selected High and Low		
		limits 5 10 20 mm/mV		
8.6 8.7	ECG Gain: Heart Beat Indicator:	5 , 10 , 20 mm/mV Audio and visual		
9	Recorder:	Audio and visual		
9.1		Built in thermal head printer		
9.1	Type: Speed:	Adjustment 5 - 25 mm/sec.		
9.3	Modes:	Auto & Manual		
10	Life Span for Machine:	10 Years		
11	Maintenance:	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		
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		









## Tables of Technical Specifications for Equipping and furnishing the emergency department in Al-Wahat hospital in Tuban District, Lahj Governorate.

		لتوريد وتجهيز وتاثيث قسم الطوارئ بمستشفى الوهط في مديرية تبن		
No.	<b>Technical Specifications</b>	Min MOH Requirement	<b>Bidders Offer</b>	Notes
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 ~ ±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.		
	Item Description	Oxygen Concentrator	ليد أوكسجين طبي	حماز ته
No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes 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	FDA Certificate Or CE Mark:	Required certificates		
	If The Machine Have CE			
4.2	<b>Certificate Product Needs To</b>	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		
		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		accurate flow setting.		
7	Safety Alarms:	Audible and visual		
7.1		Power Failure.		
7.2		Restricted Flow.		
7.3		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		
11.1		Fixed humidifer Port and Recess shall prevent bottle and connector breakage		
12	Life Span for Machine:	10 Years		
13	Maintenance:			
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	1	Set of Filters		
15	Maintenance:			
15.1		2 years free maintenace,		
10.1	1	<u> -                                    </u>		









## Tables of Technical Specifications for Equipping and furnishing the emergency department in Al-Wahat hospital in Tuban District, Lahj Governorate.

No.	Technical Specifications	Min MOH Requirement	<b>Bidders Offer</b>	Notes
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.		
I	Item Description	Ultrasonic Nebulizer Portable	فير الرذاذ محمول	جهاز تب
No.	Technical Specifications	Min MOH Requirement	<b>Bidders Offer</b>	Notes
1	Manufacturer :	Please Specify Manufacturer Name.		
2	Model Number:	Please Specify Model Number of The Offered Equipment.		
3	Country Of origin:	Please Specify Country of Origin of The Offered Equipment.		
4	Safety Standard:			
4.1	FDA Certificate Or CE Mark:	Required Certificates		
	If The Machine Have CE			
	<b>Certificate Product Needs To</b>			
4.2	<b>Have Market Clearance For</b>	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		
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		Crystal operating frequency: 1.7 Mhz		
7	Alarms:			
7.1		Door open.		
7.2		Occlusion.		
7.3		Low voltage.		
8	Type:	Portable		
9	Operating pressure	0-1.0 bar.		
10	Noise level:	Please specify.		
11	Max. Pressure:	Please specify.		
12	Spare Parts:	Recommended spare parts list with price and validity must be provided along with the offer (Mandatory).		
13	Life Span for Machine:	10 Years		
14	Training:	Users /Nurses and Biomedical Engineers Training, by Specialist from 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.		
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.		









## Tables of Technical Specifications for Equipping and furnishing the emergency department in Al-Wahat hospital in Tuban District, Lahj Governorate.

No.	<b>Technical Specifications</b>	Min MOH Requirement	<b>Bidders Offer</b>	Notes
I	Item Description	Minor Instrument Set (Large)	بات جراحية صغرى	طقم عمليا
No.	Technical Specifications	Min MOH Requirement	<b>Bidders Offer</b>	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:			
4.1	FDA Certificate Or CE Mark	Required certificates		
	If The Machine Have CE			
4.2	<b>Certificate Product Needs To</b>			
4.2	<b>Have Market Clearance For</b>	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	<b>Each Set Contents of :</b>			
7.1		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 7.24		1 X Scissors Mayo's CO Flat 200mm S/S 1 X Scissors Dissecting Mayo's Straight 200 mm	+ -	
7.24		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	+	
7.20		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	+ +	
7.33		2 X Forceps Tissue Babcock (bj) 200mm	+ +	
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	<b>Estimated life-Span of the Item:</b>	At Least 10 Years	1	
9	Warranty:	Minimum of 1 Year.	1	
10	Other Specification:	Please Specify Other Specifications.	1	
<u> </u>				









## Tables of Technical Specifications for Equipping and furnishing the emergency department in Al-Wahat hospital in Tuban District, Lahj Governorate.

No.	Technical Specifications	سورید و بجهیر و دانیت هسم الطواری بمستسلی الو مط فی مدیریه بین  Min MOH Requirement	<b>Bidders Offer</b>	Notes
140.				
	Item Description	Suture Instruments and Dressing Set	يد وخياطة جراحي	
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:	Harmadata Darianad Nam Madal		
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		Company.		
7	Each Set Contents of:			
7.1	Lucii Set Contents VI.	1 X Tray Instrument with Lid 225X 125 X 50 mm Deep		
7.1		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.		
I	Item Description	Mobile X-Ray System 100 - 200 mA	معة سينية متحرك	جهاز ألث
No.	Technical Specifications	Min MOH Requirement	<b>Bidders Offer</b>	Notes
1	Manufacturer:	Please Specify Manufacturer Name.	Didders Offer	Notes
2	Model Number:	Please Specify Model Number of The Offered Equipment.		
3	Country Of origin:	Please Specify Country of Origin of The Offered Equipment.		
4	Safety Standard:	rease specify country of origin of the officied Equipment.		
4.1	FDA Certificate Or CE Mark:	Required Certificates		
7.1	If The Machine Have CE	and communication		
	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		
5.4	Supplier	The Supplier is Required to be a Certified Distributor or Agent of the		
J	"FF	Company.		
		Mobile X-Ray Systems Are Often Used to Perform Chest Radiography to Patients Who Cannot be Moved to the Radiology Department. As		
II	1			
6	Genaral Specification:	Such, a Mobile X-Ray Equipment is Designed with Such Unique		
6	Genaral Specification:	Such, a Mobile X-Ray Equipment is Designed with Such Unique Characteristics to be Able to be Moved Within Limited Spaces Like in		
6	Genaral Specification:			
7	Genaral Specification:  Type Of Power Source:	Characteristics to be Able to be Moved Within Limited Spaces Like in		









## Tables of Technical Specifications for Equipping and furnishing the emergency department in Al-Wahat hospital in Tuban District, Lahj Governorate.

No.	Technical Specifications	سورید و جهیر و دانیت هم انطواری بمسسی انواط هی مدیریه دین Min MOH Requirement	<b>Bidders Offer</b>	Notes
		Included	Didders Offer	Notes
7.1	AC Line:	Required		
7.3	Battery: Battery Type:	Lead Acid Or Equivalent		
7.4	Energy Capacity:	5-8 KW		
7.4	Charging Time, Full Charge,	J-6 KW		
7.5	Hr:	Less Than 4 Hrs.		
	Can Also Make Exposures			
7.6	Using AC Line:	Included		
8	Line-Voltage Compensator :	Included		
8.1	X-Ray Tube Anode:	Rotating		
8.2	Heat Capacity, KHU:	200-300 KHU.		
8.3	Cooling, KHU/Min:	10-15 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 Better.		
9	X-Ray Generator:			
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 :	45 cm.		
10.2	Vertical, cm :	130 mm.		
	Rotation:			
10.4	Z-Axis:	±90°		
10.5	X-Axis:	±90°		
11	Number Of 35 x 43 cm	(5-10)		
12	Cassettes Stored:	0-3		
13	Speed, Mph: 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		
	Size of Built-In Display			
15	Monitor:	17-22" Touchscreen.		
4.5	Number of Images per Battery	A. 7 100		
16	Charge:	At Least 100.		
17	Time to Display Image, Sec:	Less Than 5 Sec		
10	Patient - Centering / Collimator	Paguirad		
18	Light:	Required		
19	Collimator Light:	LED Type		
20	DICOM:			
21	DICOM Encryption Supported.	Included.		
22	Maintenance:			
22.1		Preferred Less Maintenance Needed. 2 Years Free Maintenace,		
		Including PM Kit.  Service Manual Operation Manual (Hardcopy & Softcopy)		
22.2 22.3		Service Manual Operation Manual {Hardcopy & Softcopy}  Application Software and Interface Connection Included.		
22.4		Spare Parts List With code No.		
22.4		Including Maintenance and calibration Tools.		
23	Life Span for Machine:	At Least 10 Years.		
23	Die Span for Machine.	Training (2) Doctors to Operate and use the Device, and Training (1)		
24	Training:	Medical Device Engineers to Maintain and Calibrate the Device (Full		
	0	Training Program)		
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## Tables of Technical Specifications for Equipping and furnishing the emergency department in Al-Wahat hospital in Tuban District, Lahj Governorate.

No.	Technical Specifications	الوريد و بجهير و الديث قسم الطواري بمسسعى الو مط في مديريه بين الساء Min MOH Requirement	<b>Bidders Offer</b>	Notes
	Self Diagnostic Error /			2 (0000
25	Calibration Massage:	Included		
26	Power Supply:	100-240 V, 50/60 Hz Electriv Saftey Class I.		
27	Other Specification:	Please Specify Other Specification		
I	Item Description	A Laboratory Benchtop	مختبر مع الأدراج	بنشات ه
No.	Technical Specifications	Min MOH Requirement	<b>Bidders Offer</b>	Notes
1	Manufacturer:	Please Specify Manufacturer Name.		
2	Model Number:	Please Specify Model Number of The Offered Equipment.		
3	Country Of Origin:	Please Specify Country of Origin of The Offered Equipment.		
4	Safety Standard:			
5	Designed:	Heavy Duty Designed.		
5.1	Quality:	High Quality.		
6		a Lab Bench, is a Work Table that Provides the Space and Surface to 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		
	Item Description	Window Curtain	ىتائر نوافذ	4
No.	Technical Specifications	Min MOH Requirement	<b>Bidders Offer</b>	Notes
1	Manufacturer :	Please Specify Manufacturer Name.		
2	Model Number:	Please Specify Model Number of The Offered Equipment.		
3	Country Of origin:	Please Specify Country of Origin of The Offered Equipment.		
4	Design & Quality:	Heavy Duty, High Quality		
5	Genaral Specification:			
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 clean.		
5.6		Provide an aesthetic view.		
5.7	Dimensions	200 L X 150 H cm		
6	Life Span For Item:	10 Years		
7	Warranty:	Minimum of 1 Year.		
8	Other Specification:	Please specify other specification	, st	
	Item Description	Digital Glucometer	قياس سكر الدم	جهاز
No.	<b>Technical Specifications</b>	Min MOH Requirement	<b>Bidders Offer</b>	Notes
1	Manufacturer:	Please Specify Manufacturer Name.		
2	Model Number:	Please Specify Model Number of The Offered Equipment.		
3	Country Of Origin:	Please Specify Country of Origin of The Offered Equipment.		
4	Safety Standard:	Paguired Cartificates		
4.1	FDA Certificate Or CE Mark: 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	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		Digital Glucometer.		
7	Technical Specifications:			
7.1		Sample Volume One Drop		
7.2		Test Time Less than 10 seconds		
7.3		With Memory		









## Tables of Technical Specifications for Equipping and furnishing the emergency department in Al-Wahat hospital in Tuban District, Lahj Governorate.

		لتوريد وتجهيز وتاثيث قسم الطوارئ بمستشفى الوهط في مديرية تبن		
No.	Technical Specifications	Min MOH Requirement	<b>Bidders Offer</b>	Notes
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		
7.8	Display:	LCD Display		
7.9		Battery Operated		
8	Accessories:			
8.1		500 X Glucose Strips		
8.2		1 X Carry Bag.		
8.3	7.0.0	2 X battery (Spare part)		
9	Life Span for Machine:	10 Years		
10	Warranty:	Minimum of 2 Years.		
11	Other Specification:	Please Specify Other Specifications.		
I	<b>Item Description</b>	Disinfection Ultraviolet Lamp With Infrared Sensor	م هواء مع متحسس بة تحت الحمراء	لمبه تعقييا بالأشع
No.	Technical Specifications	Min MOH Requirement	<b>Bidders Offer</b>	Notes
1	Manufacturer :	Please Specify Manufacturer Name.		
2	Model Number:	Please Specify Model Number of The Offered Equipment.		
3	Country Of origin:	Please Specify Country of Origin of The Offered Equipment.		
4	Safety Standard:			
4.1	FDA Certificate Or CE Mark	Required certificates		
	If The Machine Have CE			
4.2	Certificate Product Needs To	Australia, Canada, Europe Union , Japan, USA and UK		
7.2	<b>Have Market Clearance For</b>	Australia, Callada, Europe Ollion, Japan, OSA and OK		
	Either:			
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		
5	<u> </u>	company.		
5.1	Type:	Bacterial Lamp for Air Sterilization		
		UVC shall be emitted thru vacuum ionizing tube (Weak permeation).		
5.2		Useful power shall be at least 45% of nominal power (30W)		
	T :Ga4:	Lifetime shall be at least 7500 Hrs. Radiation shall be witnessed by		
6	Lifetime:	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	Down grants.	100 to 240 V ~ ±10%, 50 Hz (power cable Compatible with the		
10	Power supply:	Hospital electric outlet, plug ), Electrical Safety class 1, with indicators for power		
	Estimated life-Span of the	*		
11	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.		
	Item Description	Oxygen Cylinder 40L With Oxygen Regulator, Humidifier and Trolley	كسجين ٤٠ لتر مع المرطب والترولي	
No.	Technical Specifications	Min MOH Requirement	Bidders Offer	Notes
1	Manufacturer:	Please Specify Manufacturer Name.	Diddel 5 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:	2 - 2-2-2 Speed of Country of Origin of The Office Equipment.		
	parcy standard.	<u> </u>	I	









## Tables of Technical Specifications for Equipping and furnishing the emergency department in Al-Wahat hospital in Tuban District, Lahj Governorate.

No.	Technical Specifications	سورید و بجهیر و تابیت قسم الطواری بمستسفی الو مط فی مدیریه بین  Min MOH Requirement	<b>Bidders Offer</b>	Notes
4.1	CE Mark	Required Certificates	Didders Offer	Hotes
4.1	If The Machine Have CE	Inequired 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	Designed.	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:	Oxygen cylinder Empty.40L (60m3)		
7	Medical Oxygen Cylinder:			
7 1		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		Clear vision of bubbles		
9.7	Humidification at 4 L/mn - 20°	~3 ml/h		
<b>70</b>	C:			
9.8	Humidification at 12 L/mn - 20°	~9 ml/h		
	<u>C:</u>			
9.9	Capacity:	100 ml (distilled water)		
9.1	Porosity of diffuser:	No more than 70 microns		
Λ 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		
<u> </u>	1	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	<b>Estimated life-Span of the Item:</b>	At Least 10 Years		
13	Warranty:	Minimum 1 Year.		
14	Other Specification:	Please Specify Other Specification		
	Item Description	Infrared Medical Thermometer	ب بالإشعة تحت الحمراء	ترمومتر طب
No.	Technical Specifications	Min MOH Requirement	<b>Bidders Offer</b>	Notes
1	Manufacturer :	Please Specify Manufacturer Name.		
2	Model Number:	Please Specify Model Number of The Offered Equipment.		
		1 artissy section of the offered Equipment.	<u> </u>	









## Tables of Technical Specifications for Equipping and furnishing the emergency department in Al-Wahat hospital in Tuban District, Lahj Governorate.

		لتوريد وتجهيز وتاتيت فسم الطوارئ بمستشفى الوهط في مديريه تبن	D' 11 066	BT (
No.	Technical Specifications	Min MOH Requirement	<b>Bidders Offer</b>	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			
4.2	<b>Certificate Product Needs To</b>	Australia, Canada, Europe Union, Japan, USA and UK		
4.2	Have Market Clearance For	Australia, Callada, Europe Ollioli, Japan, OSA and OK		
	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		
3.2		Company.		
6	Type of Thermometer:	Non Contact Infrared Thermometer		
7	Temperature Display Unit:	Degree Celsius & Degree Fahrenheit		
8	Display:	LCD Or LED		
9		Interchangeable Celsius & Fahrenheit modes.		
10		Low battery indicator.		
11		Auto power on.		
12		Trigger/Button for operation.		
13		Auto power off when not in use.		
14		Display of previous reading on screen with current reading.		
15		Sound indication when the thermometer is ready to take or show the		
		temperature.		
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 / WiFI /		
		RS 232.		
22		Limit value for the adjustable alarm as programmable		
23	Accessories:			
23.1		1 X Plastic Case.		
23.2		1 X Spare Part Battery.		
23.3		Supplied With Complet Accessories.		
24	Power Supply:	Rechargeable Battery		
25	Life Span for Item:	7 Years		
26	Warranty:	Minimum 1 Year.		
27	Other Specification:	Please Specify Other Specification		
	Item Description	Operation Light (Ceiling) LED	عمليات سقفية	لمبة
No.	Technical Specifications	Min MOH Requirement	<b>Bidders Offer</b>	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:	r lease specify Country of Origin of The Official Equipment.		
4.1	FDA Certificate Or CE Mark:	Required certificates		
4.1		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		
	l <del>-</del>	I Haavy Duty Designed New Model	I	
5.1	Designed:	Heavy Duty Designed, New Model.		
	Designed:	The Machine Should be of Latest Model and Must Have Lattest		
5.1 5.2		The Machine Should be of Latest Model and Must Have Lattest Technology		
5.1	Designed: Quality:	The Machine Should be of Latest Model and Must Have Lattest Technology High Quality,Safety, Ease of Use		
5.1 5.2		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		
5.1 5.2 5.3	Quality:	The Machine Should be of Latest Model and Must Have Lattest Technology High Quality,Safety, Ease of Use		









## Tables of Technical Specifications for Equipping and furnishing the emergency department in Al-Wahat hospital in Tuban District, Lahj Governorate.

No.	Technical Specifications	Min MOH Requirement	<b>Bidders Offer</b>	Notes
7	Number of Lightheads:	2		
8	<b>Number of Bulbs or Elements:</b>	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:	≥ 70 cm		
17	Illumination level, maximum	140.000 -160.000 Lux at 1.0m		
17	lux at 1 m:	140.000 -160.000 Lux at 1.0m		
18	Mounting:	Ceiling		
19	Controls:	Required		
19.1	Dimmer:	With Dimmer		
19.2	Focus:	Adjustable		
19.3	Field size:	Adjustable		
19.4	Alarms:	main lides failure indicator		
20	On Sterile Handle:	On sterile handle sterilizable.		
21	Rotation:	360		
22	Vertical adjustment range, cm:	≥80		
23	Maximum irradiance at 1 m, 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		









## Tables of Technical Specifications for Equipping and furnishing the emergency department in Al-Wahat hospital in Tuban District, Lahj Governorate.

No.	Technical Specifications	Min MOH Requirement	<b>Bidders Offer</b>	Notes
			یاس نسبة تشیع	جهاز ق
1	Item Description	Hand Held Pulse Oximeter	یاس نسبة تشبع ن بالدم نوع محمول	الأوكسجير
No.	Technical Specifications	Min MOH Requirement	<b>Bidders Offer</b>	Notes
1	Manufacturer :	Please Specify Manufacturer Name.		
2	Model Number:	Please Specify Model Number of The Offered Equipment.		
3	Country Of origin:	Please Specify Country of Origin of The Offered Equipment.		
4	Safety Standard:			
4.1	FDA Certificate Or CE Mark:	Required Certificates		
	If The Machine Have CE			
4.2	Certificate Product Needs To	Australia, Canada, Europe Union, Japan, USA and UK.		
	Have Market Clearance For	Transition, California, Establish California, Californ		
	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:	Hand Held Type		
7	SpO2 Range, %:	70-100.		
7.1	Accuracy, %:	±3%.		
8	Pulse Rate bpm:	30-240.		
8.1	Accuracy:	±5%.		
9	Perfusion Index and/or Signal	Required, continuous monitors; preferred, spot check monitors.		
10	Strength Indicator.			
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  Preferred		
12 12.1	Alarm Override: Reactivation method:	Automatic or manual		
12.1	Volume Control:	Required		
13	Self -Test Mode:	Required		
14	Sensor Types:	Required		
14.1	Sensor Types.	Reusable Type		
14.1	Patient range:	Adult, pediatric, infant, neonate		
14.3	Cable length, m (ft):	1.5 or More		
15	Battery:	12.5 5. 3.20.5		
15.1	Type:	Rechargeable lithium-ion / or better.		
15.2	Life, hr:	6- 12 Hr		
15.3	Recharge time, hr:	≤3.		
16	Life Span for Machine:	10 Years		
17	Maintenance:			
17.1		2 Years Free Maintenance.		
17.2		Service Manual and Operation Manual {Hardcopy & Softcopy}		
17.3		Spare Parts list with code NO		
18	Required accessories:			
18.1		1 X SpO2 Adult Resuable Sensor		
18.2		1 X SpO2 Pediatric Resuable Sensor		
18.3		1 X Charger		
18.4		1 X Carying Bag		
19	Power Supply:	100 to 240 V $\sim \pm 10\%$ , 50/60 Hz.		
20	Battery:	Rechargeable battery with built in charger with indicators for charging and low battery		









## Tables of Technical Specifications for Equipping and furnishing the emergency department in Al-Wahat hospital in Tuban District, Lahj Governorate.

No.	Technical Specifications	Min MOH Requirement	<b>Bidders Offer</b>	Notes
21	Other Specification:	Please Specify Other Specification	Diddens Offer	11000
21	Other Specification:	Trease specify Other specification	در حة الحرارة نه	احمات قداس
	Item Description	Thermometer Digital	درجة الحرارة نوع الكتروني	بهار شام
No.	Technical Specifications	Min MOH Requirement	<b>Bidders Offer</b>	Notes
1	Manufacturer :	Please Specify Manufacturer Name.		
2	Model Number:	Please Specify Model Number of The Offered Equipment.		
3	Country Of Origin:	Please Specify Country of Origin of The Offered Equipment.		
4	Safety Standard:			
4.1	CE Mark:	Required Certificates.		
4.2	If The Machine Have CE Certificate Product Needs To Have Market Clearance For Either:	Australia, Canada, Europe Union, Japan, USA and UK		
5	Designed:	Heavy duty Designed, New Model.		
5.1	Quality:	High Quality.		
5.2	Supplier:	The Supplier is Required to be a Certified Distributor or Agent of The Company.		
6	Power Type:	DC Complete.		
7	Quality:	Heavy Duty and High Quality		
8		For Oral, Underarm, or Rectal use		
9	Operation Details:	Press ON/OFF button to activate. The unit would beep and display.		
10	Display:	This LCD display test will go on for around 2 seconds		
11	Low Temperature Display:	Temperature < 32°C Display L°C.		
12	High Temperature Display:	Temperature > 43°C Display H°C.		
13	Accuracy:	35°C 39°C ±0.1°C.		
14	Display Resolution:	0.1°C.		
15	Normal Beep Sound:	10 long beep sounds in 10 seconds.		
16	Fever Beep Sound:	(>37.8°C): 30 short beep sounds in 10 seconds.		
17	Auto Power Off:	8 minute ±2 minute		
18	Battery:	AG3 or LR41		
19	Life Of Battery:	2 years or 2500 times.at least		
20	Accessories:			
20.1		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		
	Item Description	Split Unit Air Conditioner 2 Ton	وييف قدرة ٢ طن	جهاز تك
No.	Technical Specifications	Min MOH Requirement	<b>Bidders Offer</b>	Notes
1	Manufacturer :	Please Specify Manufacturer Name.		
2	Model Number:	Please Specify Model Number of The Offered Equipment.		
3	Country Of Origin:	Please Specify Country of Origin of The Offered Equipment.		
4	Safety Standard:			
4.1	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	Prostraina, Canada, Europe Omon, 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,		
6	Cooling Capacity:	5 kW (2 TR)		
7	Star rating :	3		
8	Max. Ambient temp:	45 °C.		









## Tables of Technical Specifications for Equipping and furnishing the emergency department in Al-Wahat hospital in Tuban District, Lahj Governorate.

		لتوريد وبجهير وبانيت فسم الطوارئ بمستشقى الوهط في مديريه ببن	D111 000	27
No.	Technical Specifications	Min MOH Requirement	<b>Bidders Offer</b>	Notes
9	<b>Energy efficient ratio (EER):</b>	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	<b>Body surface finish:</b>	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 standard.		
20	<b>Estimated life-Span of the Item:</b>	At Least 10 Years		
21	Warranty:	Minimum 1 Year.		
22	Other Specification:	Please Specify Other Specification		
	Item Description	Hygrometer Digital	اس نسبة الرطوبة	حماز قر
NI	· ·			
No.	<b>Technical Specifications</b>	Min MOH Requirement	<b>Bidders Offer</b>	Notes
1	Manufacturer :	Please Specify Manufacturer Name.		
2	Model Number:	Please Specify Model Number of The Offered Equipment.		
3	Country Of origin:	Please Specify Country of Origin of The Offered Equipment.		
4	Safety Standard:			
4.1	FDA Certificate Or CE Mark:	Required Certificates		
	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.		
5.2	Designed	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		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:	1		
14.1	Measurement Ranges:	0 to 100% r.h , -30 to 100°C		
14.2	Resolution:	0.01% r.h , 0.01°C		
14.2	Accuracy:	±2.0% r.h. at 25°C, ±0.5°C at 25°C		
14.4		LCD Type		
14.4	Display:	9V Battery (PP3) Or Equivalent		
	Battery:	About 10 Sec Or Better.		
14.6	Response Time % r.h:	About 10 Sec Of Detter.		
15	Accessories:	1 V Committee Cons		
15.1	<u> </u>	1 X Carrying Case		
15.2		1 X Spare Part Battery.		
16	<b>Estimated life-Span of the Item:</b>	At Least 7 Years		
17	Warranty:	Minimum of 1 Year.		
18	Other Specification:	Please Specify Other Specification		