



REQUEST FOR QUOTATION (RFQ)

Supply of Medical Equipment to Almouali and Albu Seaf PHCCs in West Mosul	March 4, 2018
	REFERENCE: IRQ-RFQ-136/18

Dear Sir / Madam:

We kindly request you to submit your quotation regarding **Supply of Medical Equipment to Almouali and Albu Seaf PHCCs in West Mosul** as detailed in Annex 1 of this RFQ.

Documents uploaded in the system as part of your quotation must be free from any form of virus or corrupted contents, or the quotations shall be rejected.

It shall remain your responsibility to ensure that your quotation is submitted on or before the deadline indicated by UNDP in the e-Tendering system. Bids must be submitted in the online e-Tendering system in the following link:

<https://etendering.partneragencies.org>

using your username and password. If you have not registered in the system before, you can register now by logging in using the below temporary username and password and follow the registration steps as specified in the system user guide.

username: event.guest

password: why2change

Please take note of the following requirements and conditions pertaining to the supply of the abovementioned good/s:

Delivery Terms [INCOTERMS 2010] (Pls. link this to price schedule)	DAP
Exact Address/es of Delivery Location/s (identify all, if multiple)	The medical equipment should be delivered to the following PHCCs in West Mosul: 1.Almouali 2.Albu Seaf
Latest Expected Delivery Date and Time (if delivery time exceeds this, quote may be rejected by UNDP)	☒ 30 Calendar days upon issuance of Purchase Order
Preferred Currency of Quotation	☒ United States Dollars
After-sales services required	☒ Warranty for minimum period of one year on all medical equipment supplied

Deadline for the Submission of Quotation	Date and Time: As specified in the system (note that time zone indicated in the system is New York Time zone). PLEASE NOTE: - 1. Date and time visible on the main screen of event (on e-tendering portal) will be final and prevail over any other closing time indicated elsewhere, in case they are different. It is the responsibility of the bidder to make sure bids are submitted within this deadline. UNDP will not accept any bid that is not submitted directly in the system. 2. Submit your bid a day prior or well before the closing time. Do not wait until last minute. If you face any issue submitting your bid at the last minute, UNDP may not be able to assist.
All documentations, including catalogs, instructions and operating manuals, shall be in this language	☒ English
Documents to be submitted	☒ Company Profile, Brief description/background of the company; ☒ Certificate of Registration of the business, including Articles of Incorporation, or equivalent document if Bidder is not a corporation; ☒ Properly filled-in Priced BOQs as per the format provided with company stamp and signature; ☒ Duly Accomplished Form for Submission of Quotation as provided in Annex 1, and in accordance with the list of requirements; ☒ Authorized dealership certificate or letter from the main manufacturer or dealer to act on his behalf to sell and provide maintenance support for the offered equipment. ☒ List and value of similar contracts executed during the past ten years with contact details and amount; ☒ Printed brochures and product catalogs relevant to the medical equipment being procured; ☒ Statement that bidder is not listed in the removed or suspended vendor list of the UN or other such lists of other UN agencies, nor are associated with, any company or individual appearing on the 1267/1989 list of the UN Security Council.
Period of Validity of Quotes starting the Submission Date	☒ 120 calendar days In exceptional circumstances, UNDP may request the Vendor to extend the validity of the Quotation beyond what has been initially indicated in this RFQ. The Proposal shall then confirm the extension in writing, without any modification whatsoever on the Quotation.
Manner of Submitting Bid	Online bidding in E-tendering module: https://etendering.partneragencies.org
Partial Quotes	☒ Not allowed
Payment Terms	☒ 100% upon complete delivery and installation of medical equipment to Almouali and Albu Seaf PHCCs in West Mosul
Liquidated Damages	Will be imposed under the following conditions: 0.5% of contract for every day of delay, up to a maximum duration of 1 calendar month. Thereafter, the contract may be terminated.

Evaluation Criteria ¹	☒ Minimum of 2 similar supply of medical equipment implemented during the last 10 years; ☒ Compliance of Bid to the Technical Requirements and specifications of the BOQs; ☒ Warranty Coverage of minimum of one year for the offered equipment; ☒ Availability of after sale service and maintenance for the offered equipment; ☒ Compliance with the delivery terms and conditions/completion deadline set by UNDP, (30 calendar days upon issuance of Purchase Order); ☒ Full acceptance of the PO/Contract General Terms and Conditions of the contract.
UNDP will award to	☒ One supplier depending upon their relevant experience. The contract will be awarded to the lowest technically responsive and qualified offeror.
Samples	Upon UNDP may request, the supplier to provide a sample of the proposed items at no additional cost for technical evaluation OR may conduct the site visit to check the conformity of the offered specification with the required specifications. In case the offered medical equipment is not in line with the required specifications, UNDP may consider recommending the award to the 2nd technically qualified bidder/s;
Type of Contract to be Signed	Purchase Order
Conditions for Release of Payment	Written acceptance of the goods provided based on full compliance with RFQ and BOQ requirements
Annexes to this RFQ ²	☒ Form for Submission of Quotation (Annex 1); ☒ General Terms and Conditions / Special Conditions (Annex 2) Non-acceptance of the terms of the General Terms and Conditions (GTC) shall be grounds for disqualification from this procurement process. ☒ Technical Compliance sheet (Annex3);
Contact Person for Inquiries (Written inquiries only) ³	Ratan Khisha Procurement Analyst, email: ratan.khisha@undp.org Any delay in UNDP's response shall be not used as a reason for extending the deadline for submission, unless UNDP determines that such an extension is necessary and communicates a new deadline to the Proposers.

Goods offered shall be reviewed based on completeness and compliance of the quotation with the minimum specifications described above and any other annexes providing details of UNDP requirements.

The quotation that complies with all the specifications, requirements and offers the lowest price, as well as all other evaluation criteria indicated, shall be selected. Any offer that does not meet the requirements shall be rejected.

Any discrepancy between the unit price and the total price (obtained by multiplying the unit price and quantity) shall be re-computed by UNDP. The unit price shall prevail and the total price shall be corrected. If the supplier does not accept the final price based on UNDP's re-computation and correction of errors, its quotation will be rejected.

After UNDP, has identified the lowest price offer, UNDP reserves the right to award the contract based only on the prices of the goods in the event that the transportation cost (freight and insurance) is found to be higher than UNDP's own estimated cost if sourced from its own freight forwarder and insurance provider.

At any time during the validity of the quotation, no price variation due to escalation, inflation, fluctuation in exchange rates, or any other market factors shall be accepted by UNDP after it has received the quotation. At the time of award of Contract or Purchase Order, UNDP reserves the right to vary (increase or decrease) the quantity of services and/or goods, by up to a maximum twenty-five per cent (25%) of the total offer, without any change in the unit price or other terms and conditions.

Any Purchase Order that will be issued as a result of this RFQ shall be subject to the General Terms and Conditions attached hereto. The mere act of submission of a quotation implies that the vendor accepts without question the General Terms and Conditions of UNDP herein attached as Annex 3.

UNDP is not bound to accept any quotation, nor award a contract/Purchase Order, nor be responsible for any costs associated with a Supplier's preparation and submission of a quotation, regardless of the outcome or the manner of conducting the selection process.

Please be advised that UNDP's vendor protest procedure is intended to afford an opportunity to appeal for persons or firms not awarded a purchase order or contract in a competitive procurement process. **In the event that** you believe you have not been fairly treated, you can find detailed information about vendor protest procedures in the following link:

<http://www.undp.org/content/undp/en/home/operations/procurement/protestandsanctions/>

UNDP encourages every prospective Vendor to avoid and prevent conflicts of interest, by disclosing to UNDP if you, or any of your affiliates or personnel, were involved in the preparation of the requirements, design, specifications, cost estimates, and other information used in this RFQ.

UNDP implements a zero tolerance on fraud and other proscribed practices, and is committed to identifying and addressing all such acts and practices against UNDP, as well as third parties involved in UNDP activities. UNDP expects its suppliers to adhere to the UN Supplier Code of Conduct found in this link: http://www.un.org/depts/ptd/pdf/conduct_english.pdf

Thank you and we look forward to receiving your quotation.

Yours sincerely,



Anas Fayyad Qarman
Operations Manager



Annex 1

FORM FOR SUBMITTING SUPPLIER'S QUOTATION

(This Form must be submitted only using the Supplier's Official Letterhead/Stationery¹)

We, the undersigned, hereby accept in full the UNDP General Terms and Conditions, and hereby offer to supply the items listed below in conformity with the specification and requirements of UNDP as per RFQ Reference No. RFQ-136/18: Supply of Medical Equipment to Almouali and Albu Seaf PHCCs in West Mosul:

LOT-1 Supply of medical equipments for Al-Mouali PHCC, West Mosul					
	Item Description	Unit	Qty	Price\$	Total \$
1	ECG (electrocardiogram)	EA	1		
2	Sphygmomanometer Mercury	EA	3		
3	STETHOSCOPES	EA	3		
4	Glucometer/blood glucose meter	EA	2		
5	Otoscope and Ophthalmoscope set	EA	1		
6	Nebulizers	EA	1		
7	Sucker device	EA	1		
8	INSTRUMENT TROLLEY	EA	2		
9	Infusion stand mobile w 2 prongs	EA	2		
10	O2 flow meter & humidifier	EA	2		
11	EXAMINATION COUCH	EA	3		
12	SCREEN (PARAVAN)	EA	3		
13	Steam sterilizers autoclave	EA	1		
14	CENTRIFUGE	EA	1		
15	SPECTROPHOTOMETER- VISIBLE	EA	1		
16	Water bath	EA	1		
17	Laboratory light Microscope	EA	1		
18	Water distillation appliance	EA	1		
19	Hematocrit Centrifuge	EA	1		
20	Mixer	EA	1		
21	Elecetrecal oven up to 200 C	EA	1		
22	HAEMOGLOBIN METER	EA	1		
23	Portable Ultrasound with color doppler. With two probes (convex, liner , thermal printer , UBS).	EA	1		
24	X-Ray Film Viewer	EA	2		
25	Dental chair	EA	1		
26	Amalgamator Capsule unit	EA	1		
27	Dental x- ray film processor	EA	1		
28	Dental x-ray unit	EA	1		
29	Medical Pharmaceutical Refrigerator (530 Litter (+ 2 + 15 c))	EA	1		
30	Transportation cost for Al-Mouali PHCC	LS			
Grand Total					

¹ Official Letterhead/Stationery must indicate contact details – addresses, email, phone and fax numbers – for verification purposes

LOT-2 Supply of medical equipments for Albu Seaf PHCC, West Mosul

	Item Description	Unit	Qty	Price\$	Total \$
1	ECG (electrocardiogram)	EA	1		
2	Sphygmomanometer Mercury	EA	2		
3	STETHOSCOPES	EA	2		
4	Glucometer/blood glucose meter	EA	2		
5	Otoscope and Ophthalmoscope set	EA	1		
6	Nebulizers	EA	1		
7	Sucker device	EA	1		
8	INSTRUMENT TROLLEY	EA	2		
9	Infusion stand mobile w 2 prongs	EA	2		
10	O2 flow meter & humidifier	EA	2		
11	EXAMINATION COUCH	EA	2		
12	SCREEN (PARAVAN)	EA	2		
13	CENTRIFUGE	EA	1		
14	SPECTROPHOTOMETER- VISIBLE	EA	1		
15	Water bath	EA	1		
16	Laboratory light Microscope	EA	1		
17	Hematocrit Centrifuge	EA	1		
18	Elecetrecal oven up to 200 C	EA	1		
19	HAEMOGLOBIN METER	EA	1		
20	X-Ray Film Viewer	EA	1		
21	Medical Pharmaceutical Refrigerator (530 Litter (+ 2 + 15 c))	EA	1		
22	Transportation cost for Albu Seaf PHCC	LS			
Grand Total					

Delivery Period: 30 calendar days upon PO signature;

Agree: Yes

No

☐ Yes ☐ No

Delivery Term: DAP to Almouali and Albu Seaf PHCCs; Agree:

Yes

No

☐ Yes ☐ No

Validity of Quotation: 120 days; Agree:

Yes

No

☐ Yes ☐ No

Warranty - 1 year for all equipment and works; Agree:

Yes

No

☐ Yes ☐ No

Acceptance of Provisions of the UNDP General Terms and Conditions; Agree: Yes

No

☐ Yes ☐ No

We confirm that our company is not included in the UN 1267/1989 List or the UN Ineligibility List or in any and all of UNDP's list of suspended and removed vendors.

Company Stamp and Signature: _____

Official E-mails of the Company: _____

Date: _____

Annex 3

General Terms and Conditions

1. ACCEPTANCE OF THE PURCHASE ORDER

This Purchase Order may only be accepted by the Supplier's signing and returning an acknowledgement copy of it or by timely delivery of the goods in accordance with the terms of this Purchase Order, as herein specified. Acceptance of this Purchase Order shall affect a contract between the Parties under which the rights and obligations of the Parties shall be governed solely by the terms and conditions of this Purchase Order, including these General Conditions. No additional or inconsistent provisions proposed by the Supplier shall bind UNDP unless agreed to in writing by a duly authorized official of UNDP.

2. PAYMENT

- 2.1 UNDP shall, on fulfillment of the Delivery Terms, unless otherwise provided in this Purchase Order, make payment within 30 days of receipt of the Supplier's invoice for the goods and copies of the shipping documents specified in this Purchase Order.
- 2.2 Payment against the invoice referred to above will reflect any discount shown under the payment terms of this Purchase Order, provided payment is made within the period required by such payment terms.
- 2.3 Unless authorized by UNDP, the Supplier shall submit one invoice in respect of this Purchase Order, and such invoice must indicate the Purchase Order's identification number.
- 2.4 The prices shown in this Purchase Order may not be increased except by express written agreement of UNDP.

3. TAX EXEMPTION

- 3.1 Section 7 of the Convention on the Privileges and Immunities of the United Nations provides, inter alia, that the United Nations, including its subsidiary organs, is exempt from all direct taxes, except charges for utilities services, and is exempt from customs duties and charges of a similar nature in respect of articles imported or exported for its official use. In the event any governmental authority refuses to recognize UNDP's exemption from such taxes, duties or charges, the Supplier shall immediately consult with UNDP to determine a mutually acceptable procedure.
- 3.2 Accordingly, the Supplier authorizes UNDP to deduct from the Supplier's invoice any amount representing such taxes, duties or charges, unless the Supplier has consulted with UNDP before the payment thereof and UNDP has, in each instance, specifically authorized the Supplier to pay such taxes, duties or charges under protest. In that event, the Supplier shall provide UNDP with written evidence that payment of such taxes, duties or charges has been made and appropriately authorized.

4. RISK OF LOSS

Risk of loss, damage to or destruction of the goods shall be governed in accordance with Incoterms 2010, unless otherwise agreed upon by the Parties on the front side of this Purchase Order.

5. EXPORT LICENCES

Notwithstanding any INCOTERM 2010 used in this Purchase Order, the Supplier shall obtain any export licences required for the goods.

6. FITNESS OF GOODS/PACKAGING

The Supplier warrants that the goods, including packaging, conform to the specifications for the goods ordered under this Purchase Order and are fit for the purposes for which such goods are ordinarily used and for purposes expressly made known to the Supplier by UNDP, and are free from defects in workmanship and materials. The Supplier also warrants that the goods are contained or packaged adequately to protect the goods.

7. INSPECTION

- 7.1 UNDP shall have a reasonable time after delivery of the goods to inspect them and to reject and refuse acceptance of goods not conforming to this Purchase Order; payment for goods pursuant to this Purchase Order shall not be deemed an acceptance of the goods.
- 7.2 Inspection prior to shipment does not relieve the Supplier from any of its contractual obligations.

8. INTELLECTUAL PROPERTY INFRINGEMENT

The Supplier warrants that the use or supply by UNDP of the goods sold under this Purchase Order does not infringe any patent, design, trade-name or trade-mark. In addition, the Supplier shall, pursuant to this warranty, indemnify, defend and hold UNDP and the United Nations harmless from any actions or claims brought against UNDP or the United Nations pertaining to the alleged infringement of a patent, design, trade-name or trade-mark arising in connection with the goods sold under this Purchase Order.

9. RIGHTS OF UNDP

In case of failure by the Supplier to fulfil its obligations under the terms and conditions of this Purchase Order, including but not limited to failure to obtain necessary export licences, or to make delivery of all or part of the goods by the agreed delivery date or dates, UNDP may, after giving the Supplier reasonable notice to perform and without prejudice to any other rights or remedies, exercise one or more of the following rights:

- 9.1 Procure all or part of the goods from other sources, in which event UNDP may hold the Supplier responsible for any excess cost occasioned thereby.
- 9.2 Refuse to accept delivery of all or part of the goods.
- 9.3 Cancel this Purchase Order without any liability for termination charges or any other liability of any kind of UNDP.

10. LATE DELIVERY

Without limiting any other rights or obligations of the parties hereunder, if the Supplier will be unable to deliver the goods by the delivery date(s) stipulated in this Purchase Order, the Supplier shall (i) immediately consult with UNDP to determine the most expeditious means for delivering the goods and (ii) use an expedited means of delivery, at the Supplier's cost (unless the delay is due to Force Majeure), if reasonably so requested by UNDP.

11. ASSIGNMENT AND INSOLVENCY

- 11.1. The Supplier shall not, except after obtaining the written consent of UNDP, assign, transfer, pledge or make other disposition of this Purchase Order, or any part thereof, or any of the Supplier's rights or obligations under this Purchase Order.
- 11.2. Should the Supplier become insolvent or should control of the Supplier change by virtue of insolvency, UNDP may, without prejudice to any other rights or remedies, immediately terminate this Purchase Order by giving the Supplier written notice of termination.

12. USE OF UNDP OR UNITED NATIONS NAME OR EMBLEM

The Supplier shall not use the name, emblem or official seal of UNDP or the United Nations for any purpose.

13. PROHIBITION ON ADVERTISING

The Supplier shall not advertise or otherwise make public that it is furnishing goods or services to UNDP without specific permission of UNDP in each instance.

14. CHILD LABOUR

The Supplier represents and warrants that neither it nor any of its affiliates is engaged in any practice inconsistent with the rights set forth in the Convention on the Rights of the Child, including Article 32 thereof, which, inter alia, requires that a child shall be protected from performing any work that is likely to be hazardous or to interfere with the child's education, or to be harmful to the child's health or physical, mental, spiritual, moral or social development.

Any breach of this representation and warranty shall entitle UNDP to terminate this Purchase Order immediately upon notice to the Supplier, without any liability for termination charges or any other liability of any kind of UNDP.

15. MINES

The Supplier represents and warrants that neither it nor any of its affiliates is actively and directly engaged in patent activities, development, assembly, production, trade or manufacture of mines or in such activities in respect of components primarily utilized in the manufacture of Mines. The term "Mines" means those devices defined in Article 2, Paragraphs 1, 4 and 5 of Protocol II annexed to the Convention on Prohibitions and Restrictions on the

Use of Certain Conventional Weapons Which May Be Deemed to Be Excessively Injurious or to Have Indiscriminate Effects of 1980.

Any breach of this representation and warranty shall entitle UNDP to terminate this Purchase Order immediately upon notice to the Supplier, without any liability for termination charges or any other liability of any kind of UNDP.

16. SETTLEMENT OF DISPUTES

16.1 Amicable Settlement. The Parties shall use their best efforts to settle amicably any dispute, controversy or claim arising out of, or relating to this Purchase Order or the breach, termination or invalidity thereof. Where the Parties wish to seek such an amicable settlement through conciliation, the conciliation shall take place in accordance with the UNCITRAL Conciliation Rules then obtaining, or according to such other procedure as may be agreed between the Parties.

16.2 Arbitration. Unless, any such dispute, controversy or claim between the Parties arising out of or relating to this Purchase Order or the breach, termination or invalidity thereof is settled amicably under the preceding paragraph of this Section within sixty (60) days after receipt by one Party of the other Party's request for such amicable settlement, such dispute, controversy or claim shall be referred by either Party to arbitration in accordance with the UNCITRAL Arbitration Rules then obtaining, including its provisions on applicable law. The arbitral tribunal shall have no authority to award punitive damages. The Parties shall be bound by any arbitration award rendered as a result of such arbitration as the final adjudication of any such controversy, claim or dispute.

17. PRIVILEGES AND IMMUNITIES

Nothing in or related to these General Terms and Conditions or this Purchase Order shall be deemed a waiver of any of the privileges and immunities of the United Nations, including its subsidiary organs.

18. SEXUAL EXPLOITATION:

18.1 The Contractor shall take all appropriate measures to prevent sexual exploitation or abuse of anyone by it or by any of its employees or any other persons who may be engaged by the Contractor to perform any services under the Contract. For these purposes, sexual activity with any person less than eighteen years of age, regardless of any laws relating to consent, shall constitute the sexual exploitation and abuse of such person. In addition, the Contractor shall refrain from, and shall take all appropriate measures to prohibit its employees or other persons engaged by it from, exchanging any money, goods, services, offers of employment or other things of value, for sexual favors or activities, or from engaging in any sexual activities that are exploitive or degrading to any person. The Contractor acknowledges and agrees that the provisions hereof constitute an essential term of the Contract and that any breach of this representation and warranty shall entitle UNDP to terminate the Contract immediately upon notice to the Contractor, without any liability for termination charges or any other liability of any kind.

18.2 UNDP shall not apply the foregoing standard relating to age in any case in which the Contractor's personnel or any other person who may be engaged by the Contractor to perform any services under the Contract is married to the person less than the age of eighteen years with whom sexual activity has occurred and in which such marriage is recognized as valid under the laws of the country of citizenship of such Contractor's personnel or such other person who may be engaged by the Contractor to perform any services under the Contract.

19.0 OFFICIALS NOT TO BENEFIT:

The Contractor warrants that no official of UNDP or the United Nations has received or will be offered by the Contractor any direct or indirect benefit arising from this Contract or the award thereof. The Contractor agrees that breach of this provision is a breach of an essential term of this Contract.

20. AUTHORITY TO MODIFY:

Pursuant to the Financial Regulations and Rules of UNDP, only the UNDP Authorized Official possess the authority to agree on behalf of UNDP to any modification of or change in this Agreement, to a waiver of any of its provisions or to any additional contractual relationship of any kind with the Contractor. Accordingly, no modification or change in this Contract shall be valid and enforceable against UNDP unless provided by an amendment to this Agreement signed by the Contractor and jointly by the UNDP Authorized Official.

Annex 3

UNDP Iraq requires the supply, delivery of medical equipment to the following PHCCs as per below distribution:

Medical equipment		Distribution Plan West Mosul PHCC		Total
Item		Al-Mouali	Albu Seaf	
		Qty	Qty	
1	ECG (electrocardiogram)	1	1	2
2	Sphygmomanometer Mercury	3	2	5
3	STETHOSCOPES	3	2	5
4	Glucometer/blood glucose meter	2	2	4
5	Otoscope and Ophthalmoscope set	1	1	2
6	Nebulizers	1	1	2
7	Sucker device	1	1	2
8	INSTRUMENT TROLLEY	2	2	4
9	Infusion stand mobile w 2 prongs	2	2	4
10	O2 flow meter & humidifier	2	2	4
11	EXAMINATION COUCH	3	2	5
12	SCREEN (PARAVAN)	3	2	5
13	Steam sterilizers autoclave	1	0	1
14	CENTRIFUGE	1	1	2
15	SPECTROPHOTOMETER- VISIBLE	1	1	2
16	Water bath	1	1	2
17	Laboratory light Microscope	1	1	2
18	Water destillation appliance	1	0	1
19	Hematocrit Centrifuge	1	1	2
20	Mixer	1	0	1
21	Elecetrecal oven up to 200 C	1	1	2
22	HAEMOGLOBIN METER	1	1	2
23	Portable Ultrasound with color doppler. With two probes (convex, liner , thermal printer , UBS).	1	0	1
24	X-Ray Film Viewer	2	1	3
25	Dental chair	1	0	1
26	Amalgamator Capsule unit	1	0	1
27	Dental x- ray film processor	1	0	1
28	Dental x-ray unit	1	0	1
29	Medical Pharmaceutical Refrigerator (530 Litter (+ 2 + 15 c))	1	1	2

The equipment offered should be in compliance with the specifications required (attached separately);

The contractor must catalogues and specification of the required medical equipment.

SPECIFICATIONS OF REQUIRED EQUIPMENT

	Item Specifications	Specifications offered
1	ECG (electrocardiogram) Power supply voltage: - Medical Approved power supply board - 220/240 VAC , 50/60 Hz. Voltage stabilizer: - Optional, if YES (180-250 VAC to 220 /240 VAC stabilizing board or device. Rechargeable batteries: Optional, if YES (the equipment should work properly and normally with or without the batteries i.e. if the battery removed or damaged .The charging board or transformer should be responsible only for charging the batteries i.e. the equipment should work properly and normally if the charging board is damaged or removed. UPS: -Optional Display : > 12" Color LCD (Actual size" display with grid lines — waveforms on the display are the same size as waveforms on the printout). Leads: > 12 Lead Data & Memory: Data & Memory - Large memory capacity: approximately 400 patients x 10 seconds of 12 lead ECG wave and patient information. - Approximately 2,500 patient's data can be stored. - Capability of Data transfer to PC (i.e. by LAN, or wireless LAN with optional interface....etc). - ECG Data can be reviewed and managed on a Windows® PC with optional ECG Viewer software Printer: Printer Thermal or Laser with standard paper (type &size) quantity enough for at least 5000 exam , Other specifications: - On-screen comparison of average waveforms of 5 different exams. - Adult and pediatric analysis capability - Waveform preview - > 3 channel or multichannel ECG. - AC/DC and battery full operating system. - Specifying accuracy and digital filter performance. - AC filters 50HZ. - (Lead fail - high HR Beat -low battery) ,alarms: audio or lights. - Optional Filters(i.e. EMG filter)	ECG (electrocardiogram) Power supply voltage: Voltage stabilizer: Rechargeable batteries: UPS: -Optional Display: Leads: Data & Memory: Printer: Other specifications:
2	Sphygmomanometer Mercury 1.With Aluminum Cover 2.Measure scope: 0-300mmHg 3.Accuracy: +/-3mmHg 4.Sub-division: 2mmHg	Sphygmomanometer Mercury 1. 2. 3.
3	STETHOSCOPES: - Double cup, dual-use (adult and pediatric auscultation) chest piece in stainless steel or chrome plated brass. - Adult diaphragm 43-47mm; pediatric diaphragm 28-36mm. - Y tube treated rubber or PVC with 8-11mm diameter. - Arms: stainless steel, or chrome brass - Removable plastic ear-pieces. - Spare parts: includes: • Pair of comfortable firm ear piece: 1/Each • Diaphragm: 1/Each	STETHOSCOPES: - - - - Arms: - - Spare parts: includes: • • Diaphragm:

4	Glucometer/blood glucose meter Measurement range 0.6 to 33.3 mmol/L. With alarm clock function, memory for 500 tests with 7/14/30-day average function and infra-red PC data transfer capability. The cost includes 10 test strips, 2 control solutions, Multiclix single-patient lancet device, 12 lancets and storage/carrying case	Glucometer/blood glucose meter
5	Otoscope and Ophthalmoscope set GENERAL SPECIFICATIONS: - Otoscope and Ophthalmoscope Instrument Set (One set) - Storage case that holds all items - 1 or 2 handles powered by 2 alkaline AA batteries - Battery life: at least 5 hours of use on full charge or fresh batteries - Handle(s) with on/off switch - Capable of being stored continuously in ambient temperature of 0 to 50 C° and relative humidity of 15 to 90%. -Capable of operating continuously in ambient temperature of 10 to 50 C° and relative humidity of 15 to 90%. TECHNICAL SPECIFICATIONS: Ophthalmoscope: - Range of lenses not smaller than -20D to +20D with steps not greater than 1D. - Anti-reflection lens. - Magnification 12-16x - Apertures: small, large and semi-circle, fixation star. - Variable light adjustment - Light source: white LED bulb or 2.5v Xenon - Light intensity: 8,000-12,000 lux - Color temperature: Cool white in the range 3100-5500K - Dust free sealed optics and aspherical optical system - Red-free, blue, green, and polarization filters. - Scratch-resistant lens; glass (preferred) or plastic - Liquid splash resistant Otoscope: - Optical lens with adjustable magnification 2.5-3x - Color temperature range 3100-5500K - Light intensity: 8,000-12,000 lux - Variable light adjustment - Light source: white LED bulb or 2.5v Xenon - Light intensity: 8,000-12,000 lux - Specula should be reusable and cleanable - Port for an insufflation bulb - Scratch-resistant lens; glass (preferred) or plastic - Liquid splash resistant	Otoscope and Ophthalmoscope set GENERAL SPECIFICATIONS: - - TECHNICAL SPECIFICATIONS: Ophthalmoscope: - - Apertures: - - Light source: - Light intensity: - Color temperature: - Otoscope: -

6	Nebulizers Application:used to produce medicated aerosols for inhalation by pediatric & adult patients with respiratory symptoms. Heavy duty & compatible design. Type: portable. Configuration: jet (pneumatic). Compressor pressure range (psi): (0~40). Compressor flow range (L/min): (0~14) Particle size (microns): (0.5~5). Method of nebulization: piston driven. Nebulizer capacity (ml): ≥5. Accessories: • 1 mouth piece. • 1 tube,2 tube spare (tubes should be made from flexible plastic materials and transparent and easy cleaning). • 1 T-adaptor. • 1 reservoir tube. • 1 reusable nebulizer (single patient use only). • 1 pediatric mask & 1 adult mask. • 3 filter. • Spare funnel for medical solutions. • Carrying case. • Venturimask for adult & child. • MC mask for adult & child. Input power: 220/240 VAC, 50/60 Hz single phase.Three Pin G type Plug, Voltage stabilizing and over current protection circuit. The device can be operated electrically by rechargeable battery or built in charger. UPS: smart, 1600 KVA. Environmental requirements: 3- The unit shall be capable of being stored continuously in ambient temperature of (0-60deg C) and relative humidity of (15-90%). The unit shall be capable of operating continuously in ambient temperature of (10-40 deg C) and relative humidity of (15-90%).	Nebulizers Application: Type: Configuration: Compressor pressure range (psi): Compressor flow range (L/min): Particle size (microns): Method of nebulization: Nebulizer capacity (ml): Accessories: • • • Input power: UPS: smart, 1600 KVA. Environmental requirements:
7	Sucker device Power supply : Medical Approved power supply board 220/240 VAC , 50/60 Hz Line voltage : Optional ,if YES (180-250 VAC to 220 /240 VAC stabilizing board or device Voltage stabilizer : YES (the equipment should work properly and normally with or without the batteries i.e. if the battery removed or damaged Rechargeable Batteries: The charging board or transformer should be responsible only for charging the batteries i.e. the equipment should work properly and normally if the charging board is damaged or removed UPS: suitable rating with voltage regulation and spike protection for ≥ 6 hours back up Therapy Delivery: Modes: Continuous or Intermittent Intensity Settings: Low, Medium, High Pressure Settings:-25 mmHg through -200 mmHg (-3.3 kPa to -26.6 kPa) Storage and Environmental Conditions: Storage Temperature Range: -10° C to +70° C Operational Temperature Range: +0° C to +45° C Relative Humidity Range: 10% to 85% non-condensing Barometric	Sucker device Power supply : Line voltage : Voltage stabilizer : Rechargeable Batteries: UPS: Therapy Delivery: Modes: Settings: Storage and Environmental Conditions: Operational Temperature Range: Humidity Range: Barometric Pressure Range: Canister Volume: Other specification: - V.A.C. Therapy Canisters: Accessories:

	Pressure Range: 700 hPa to 1060 hPa Canister Volume: 500 mL and 1,000 mL Other specification: - Continuous Operation - Equipment not suitable for use in the presence of a flammable anesthetic mixture with air, oxygen or nitrous oxide - Digital wound image feature allows healthcare professionals to measure and calculate wound area and volume, which helps wound progress assessment - Simple. Clinicians will appreciate new IV pole and bedside positioning capabilities and easier, single-hand canister removal - Compatible. Includes a USB port and memory card slot for convenient data download - Instant Feedback. Audio and visual cues are delivered in real-time, allowing easier location of dressing leaks V.A.C. Therapy Canisters: Charcoal filters help reduce odor Hydrophobic construction prevents leaks Available gel packs help solidify wound exudate Accessories: 500 ml, 1,000 ml InfoV.A.C. Canister with Gel and without Gel 1 canister with tubing, clamp and connector for each 500 ml capacity, 1,000 ml capacity for each Case for each V.A.C. Therapy Accessories V.A.C. Drape 1 adhesive drape (30.5 x 26 cm) V.A.C. Extra-Large Drape 1 adhesive drape (66 x 84 cm) Sensa Pad 1 SensaT.R.A.C.™ Pad with tubing, clamp and connector Y-Connector 1 Y-connector to connect two or more dressings Tubing Cap Cap to secure end of canister tubing when not in use Case for each	
8	INSTRUMENT TROLLEY GENERAL SPECIFICATIONS - Stainless steel - Heavy duty - Two roofs - Provided with trolleys	INSTRUMENT TROLLEY GENERAL SPECIFICATIONS -
9	Infusion stand mobile w 2 prongs	Infusion stand mobile w 2 prongs
10	O2 flow meter & humidifier	O2 flow meter & humidifier

11	EXAMINATION COUCH : GENERAL SPECIFICATIONS - Antibacterial and cleanable artificial leather covered, high density foam mattress with its pillow. - Backrest adjustment by mechanical system between 0-48 degrees. - Owing to foldable foot, examination couch is able to be preserved and carried with very little volumes. - Epoxy painted steel construction is resistant to corrosion. TECHNICAL SPECIFICATIONS - Width: 59 cm - Length: 189 cm - Height: 66 cm - Backrest Adjustment (max): 48° - Weight: approx. 100 kg - Volume: 0,28 m3	EXAMINATION COUCH : GENERAL SPECIFICATIONS - TECHNICAL SPECIFICATIONS -
12	SCREEN (PARAVAN) GENERAL SPECIFICATIONS - Three winged screen is adjusted by castors. - The curtain is removable, attachable and washable. - Epoxy painted steel construction is resistant to corrosion. - Screen is able to be used in narrow area, owing to foldable wings system if necessary. TECHNICAL SPECIFICATIONS - Length: 210 cm - Height: 166 cm - Weight: approx. 10,8 kg - Volume: 0,12 m3	SCREEN (PARAVAN) GENERAL SPECIFICATIONS - TECHNICAL SPECIFICATIONS -
13	Steam sterilizers autoclave Fully automatic high-speed pre & post vacuum steam sterilizers autoclave . (25)Litter - chamber is made of stainless steel 316L (conforms to the Pressure Equipment Directive (PED). Built-in dry membrane vacuum pump, Built –in steam generator , Vacuum pump for evacuation of the chamber, Water reservoirs for process and used water retention, LCD 4.5” screen , Water pump for water circulation, Condenser and collector for condensation and collection of water. Supplied with : RO Reverse-Osmosis system 100G/day , One Stainless Steel Tray Holder	Steam sterilizers autoclave

14	CENTRIFUGE SPECIFICATION • Spins 3ml-15ml test tubes at 5000 rpm • Minimum 16 tubes • Easy cleanout bowl • 0 - 5000 RPM • Digital programmable control and readout • Variable speed and time settings • Lid safety lock • high g-forces for fast separation • Rubber feet to prevent slipping • Impact-resistant lid • Zero-rpm interlocking lid • Wide mouth for easy clean-up • Metal rotor and tube shields • Brushless motor • Angled and (swinging)tube holder as alternative • Fast breaking • Programmable time and speed • Rubber feet to prevent slipping • POWER REQUIRMENTS :220v ,50 Hz	CENTRIFUGE SPECIFICATION •
15	SPECTROPHOTOMETER- VISIBLE ; SPECIFICATIONS Purpose: used in the quantitative determination of solution Heavy duty and compatible design -Micro processor based, grating type double or single beam Spectrophotometer with built in data logging in. -The unit should have self diagnostics compartment with built-in 16 mm test-tube holder and can accept round and square tubes . Wavelength Range: 400 - 800 nm Spectral Bandwidth: 5nm Wavelength Accuracy: ± 2 nm Lamp type: Quartz halogen or tungsten lamp. Wavelength resolution: 0.1 nm Photometric Range :Absorbance (-2.5 to 2.5)Abs & %transmittance 1 to 200%T Photometric linearity: <1% for A< 2.000 in the range 340 to 900nm Photometric Accuracy (in the range 200 to 1000nm): 0.003 A for A <0.600,0.5% of the reading for 0.600 <A< 2.000 Automatic cell reorganization facility Methods and profiles: ≥ 100 user defined methods, 20 Profiles each for kinetics and spectra Detector: Silicon photodiode Output :LCD display with capability to interface with any PC. Power line : 220-240VAC,50-60Hz The unit shall be capable of being stored continuously in ambient temperature of 0-60deg C and relative humidity of 15-90% The unit shall be capable of operating in ambient temperature of 10-40 deg C and relative humidity of 80% Interfaces: dual USB connection, 1 RS232 for Data transfer to PC and Printer and data transfer from PC -self test and auto calibration modes	SPECTROPHOTOMETER- VISIBLE ; SPECIFICATIONS Purpose: Wavelength Range: Spectral Bandwidth: Wavelength Accuracy: Lamp type: Wavelength resolution: Photometric Range : Photometric linearity: Photometric Accuracy (in the range 200 to 1000nm): Methods and profiles: Detector: Output : Power line :

16	Water bath specifications - Applications: sample thawing, bacteriological examinations, warming reagents, coliform determinations and microbiological assays -Heavy duty and compatible design -Material: seamless stainless steel -External: stainless steel, powder coated -Temperature range: 1°C above ambient to 100°C -On off switch and display by thermometer graded for temperature -Accuracy: 0.2°C -Temperature preset buttons -Circulation Pump to mix water -Microprocessor controlled - Heater: 1000- 1400 watts -Safety Device for overheating protection -Bath Volume: 20 liters -With stainless steel gabled cover -The exterior should remain cool, glass wool insulator -Alarm indicator for overheat limits, low water cutoff - Power Requirements 220-240 V, 50/60 Hz)	Water bath specifications - Applications: -Material: -External: -Temperature range: - -Accuracy: - - Heater: - -Bath Volume: -
17	Laboratory light Microscope Supply and Install binocular microscope with ball-bearing 5 position objective revolver,the low position coaxial coarse and fine focusing system head ,binocular eyepiece,WF10x objectives 4x 10x 40x 100x oil,mechanical stage withceramic-coatedstage surface and specimen holder and selectable stage driveright or left,<Objectives Magnification:Tension adjustment : Coaxial Achromatic, plan achromatic, phase contrast, condenser for bright field dark field and phase contrast ph 1,2,3 ,N.A. 1.25 illuminator : 6 V, 30 W halogen lamp (light blue without heat) with replace- able socket, external power supply .	Laboratory light Microscope Magnification: Tension adjustment :
18	Water distillation appliance Water distillation4Lts/hr distillation speed , made of stainless steel and two stainless steel (tanks and condencer)	Water distillation appliance
19	Hematocrit Centrifuge Hematocrit centrifuge PCV centrifuge) for 24 capillary , digital control regulated speed 12000 rpm max. with fixed setting , 230V/50Hz ,24 (75 mm capillary) ,0 to ≥60 with increment ≤ 1min ,BRUSHLESS motor ,LID INTERLOCK, :Automatic breaking , air vent on the cover, LED display and a keyboard, tachometer to indicate the speed in rpm should be available , inner safety lids that fit over the rotor or tube covers that contain the sample material should be available, Gaskets with high quality material for tight seal, Bowl drains, the centrifuge should allow calibration by phototachometer manner with lid closed, should use at least an 8 cm rotor radius, a 50 µL sample, and a 75 mm capillary tube, inner protective cover over the rotor assembly. The cost includes providing reagents for 10,000 tests	Hematocrit Centrifuge
20	Mixer –rotating wave shaker to be used with bottles or closed containers. 5 rollers gives 4 usable places. 25 rpm shaking speed	Mixer –

21	Electretrecal oven up to 200 C Temperature range: 50°C ~ 300°C Temperature control: Thermostatically controlled Inside material: Double /Triple walled Construction inner chamber made of Stainless steel with supports on the three sides for two steel shelves Outside material : Mild steel sheet painted/powder coated Insulated stainless steel door with locking and rear zinc plated steel Capacity : > 50 ltr. Safety Alarm : Yes (Audible and visual) - Optional automatically shut down protection circuit Air circulating fan Yes Digital timer Yes Power supply 220/240 VAC, 50/60 Hz Over current & over heated protection circuit Three Pin UK type Plug Voltage corrector/stabilizer circuit of (Input 160-260 V and output 220-240 V and 50 Hz) Other specification on/off rocker switch with indicator Adjustable wire mesh nickel plated trays/aluminum trays Digital indicator cum controller The gap between the two walls filled with glass wool insulation Easy-to-clean interior Forced air circulation by quiet air turbine/Fan to ensure uniform temperature Fitted with load indicator and safety thermostat take over indicator lamp. LCD/LED Indicator Output available for data acquisition The unit shall be capable of being stored continuously in ambient temperature of 0 ~ 70° C and relative humidity of 15-90% The unit shall be capable of operating continuously in ambient temperature of 0 ~ 50° C and relative humidity of 15-90%	Electretrecal oven up to 200 C Temperature range: Temperature control: Inside material: Outside material : Capacity : Safety Alarm : Air circulating fan Digital timer Power supply Over current & over heated protection circuit: Other specification
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22	HAEMOGLOBIN METER SPECIFICATIONS PURPOSE: For haemoglobin estimation Heavy duty and compatible design Light source: LED, adjusted to specified wavelength, bandwidth: $\pm 2\text{nm}$ Detector: Silicone photodiode other should be specified Measuring: Transmission/Absorption Photometric accuracy: ± 0.002 Cuvette types: should accept different type of cuvettes Data: 1000 or more determinations including date and time Display: hemoglobin level in g/dl or g/l, date and time Measuring range: 0 - 30g/dl Hb Dilution ratio: should be stated Light source : Bright Intensity LED, or better Sample volume: minimum sample volume should be stated Calibration: yes Quality control: yes, with control cuvette Sample material : Venous ,arterial or capillary Ambient temperature : 0-50 C for working ,0-70 C for storage Open system : Yes Power supply: 220V,50Hz Sample compartment: should be prepared for the use with cuvettes, integrated cover for the protection of the sample compartment against ambient light and dirt	HAEMOGLOBIN METER SPECIFICATIONS PURPOSE: Light source: Detector: Measuring: Photometric accuracy: Cuvette types: Display: Dilution ratio: Light source : Sample volume: Calibration: Quality control: Sample material : Ambient temperature : Open system : Power supply: Sample compartment:
23	Portable Ultrasound with color doppler. With two probes (convex, liner , thermal printer , UBS).	Portable Ultrasound with color doppler. With two probes (convex, liner , thermal printer , UBS).

24	X-Ray Film Viewer Type: Optional (Single, Double, Triple, Quadruple) 1. Light adjustable 2. Energy saving control 3. Lower power consumption 4. Elegant frame and compatible design 5. Self-induction medical film viewer 6. Adopt LED backlight and high frequency inverted technology, no flash or fake film. 7. Exquisite profile, 45mm thickness, hangs to the wall or lay on the table, save space. 8. Anti-ultraviolet ray, never fade in color, light is tender and protective to eyes. 9. $\geq 10,000$ lux luminosity, $\geq 90\%$ uniformity, shows the film crystal clear. 10. With ≥ 10 digital grades to adjust brightness (300-4500cd/m²) or more. 11. Adopt rare earth Al alloy, transmutation-resistant, high weather ability. 12. Be suit for clinic to observe CT, MRI, X-Ray film or for photographers. 13. Each section works independently, adjustable brightness. 14. Use CE approved adaptor. 15. Types: 1 section, 2 sections, 3 sections, 4 sections 16. Visual sizes (cm): $\geq [30 \times 40$ for Single, 60×40 for Double, 90×40 for Triple, Optional (120×40 or 60×80) for Quadruple] 17. Frame sizes (mm): $\geq [500 \times 530$ for Single, 850×530 for Double, 1200×530 for Triple, (1570×530 or 850×1060) for Quadruple] 18. Heavy duty. Application: It is suit for clinic to observe (CT Scanner, MRI, X-Ray) film. *Power supply : - Medical Approved power supply boards Line voltage : - 220/240 VAC , 50/60 Hz single phase, Three pin type plugs Voltage stabilizer : YES (170-260 VAC to 220 /240 VAC stabilizing boards or Devices	X-Ray Film Viewer Type: 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. Types: 16. Visual sizes (cm): 17. Frame sizes (mm): 18. Application: *Power supply : - Line voltage : - Voltage stabilizer :
25	Dental chair (computerized system) or (pneumatic) with : dental chair, treatment unit, water unit with (Vacuum system) dry (suction dry line have a container and connect to the main drain of the chair suction dry line connect to out door, automatic separator , assistant unit and instrument tray) contains: Distilled water container ,Two (solid Titanium body) air turbines with adapters with fiber optic light ,push button ,Micromotor with (Titanium angle & straight hand piece) with fiber optic light ,push button , Ultrasound scalar with fiber optic light , Two triple syringe, Light cure & projector unit LED with sensor switch , Suction with metal cabinet. unit complete (Durr Dent or Cattani) and saliva ejector Instrument tray with arm., Dentist chair & assistant chair. All air, water, suction, drain piping and fitting , connection , filtering , main water , special filter, all wiring and connection electrical , rotor Turbine (10) ,angle head complete with rotor & shaft (10) , extra LED light for projector (2 psc) & LED light cure (2 psc), with all accessories Sirona c8 or Belmont Clestall / Adec or Planmeca or equivalent specifications Oilless compressor (Durr Dent ,jun- air, or Cattani) Air Drier system. with Compressor metal cabinet	Dental chair (computerized system) or (pneumatic) with :

26	Amalgamator Capsule unit , protection cover , Electronically controlled display , permanent memory , compact design Degussa ,W&H ,or equivalent specifications	Amalgamator Capsule unit
27	Dental x- ray film processor can be used in manual mode for quick chair -side developpeing , full automatic on and off operation , holds up to 3 film holders at one time, auto "power- on, power -down'drier fan>	Dental x- ray film processor
28	Dental x-ray unit Classification: Electromedical, Class I, Type B Power supply: 220V±10%,50Hz ,1kVA Tube voltage: 60KVp Tube current: 8mA Focus size: 1.5mm Total filtration: 2.5mmAL Exposure time: 0.2 to 4 sec Leak radiation: Outside one meters≤0.002mGy/h (National standard: 0.25 mGy/h) Total weight: 35kg	Dental x-ray unit Classification: Power supply: Tube voltage: Tube current: Focus size: Total filtration: Exposure time: Leak radiation: (National standard: Total weight:
29	Medical Pharmaceutical Refrigerator (530 Litter (+ 2 + 15 c)) Specifications: Stainless steel internal fitting with open wire shelves and mix-up possibility shelves -drawers LED internal lighting forced -air refrigeration automatic defrost with evaporation of condensate water Micro-processor operation Digital display Temprature indication F/C TFT grafical color display Back up battery with automatic recharge-Capactive buttons- Programmable keyboard locking protection ON/OFF switch password protection -Chart of temp.trend on display Alarms: Programmable high/low temperature- Programmable door ajar Power failure -Anti freezing evaporator - Sensor failure- Condenser failure-Battery discharge Defrost time out- Programmable acoustic internal ventilation adjustment-Automatic defrost-manual defrost-Manual defrost activation facilities Defrost interval -Alarm log memory-Door opening log memory-50 days-Pt 1000 sensor Temprature calibration facilities USB port	Medical Pharmaceutical Refrigerator (530 Litter (+ 2 + 15 c)) Specifications: