United Nations Development Programme
Programul Natiunilor Unite pentru Dezvoltare

Moldova

Invitation to Bid

Ref. no. ITB 10/00177 Date: **15 June 2010**

Dear Sir/Madam,

Subject: ITB for Supply of Medical Equipment to Perinatal Centers in Tiraspol and Bender

1. We hereby solicit your bid for the supply of following goods:
LOT 1 (WHOLE LOT) COMPRISING ALL ITEMS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 (AS PER TABLE BELOW)

Pos.	ITEM	TIRASPOL Quantity	BENDER Quantity	TOTAL Quantity
1	ITEM 1. NEONATAL VENTILATOR	2	1	**3**
2	ITEM 2. COMPRESSOR FOR NEONATAL VENTILATOR	2	1	**3**
3	ITEM 3. C.P.A.P SYSTEM	1	1	**2**
4	ITEM 4. INTENSIVE CARE MONITOR	3	-	**3**
5	ITEM 5. BASIC INCUBATOR	3	2	**5**
6	ITEM 6. SYRINGE INFUSION PUMP	3	-	**3**
7	ITEM 7. PHOTOTHERAPY LAMP	1	-	**1**
8	ITEM 8. PORTABLE PULSE OXYMETER	2	1	**3**
9	ITEM 9. SUCTION UNIT	4	1	**5**
10	ITEM 10. OXYGEN HOOD	4	-	**4**
11	ITEM 11. RESUSCITATION BALOON	2	-	**2**
12	ITEM 12. LARINGOSCOPE	2	-	**2**
13	ITEM 13. CARDIOTOCOGRAPH	1	1	**2**
14	ITEM 14. ANESTHESIA MACHINE	1	-	**1**
15	ITEM 15. BLOOD GAS AND ELECTROLYTES ANALYSER	1	-	**1**
16	ITEM 16. MONITOR FOR BLOOD GAS WITH TRANSCUTANEOUS SENSOR FOR pO2, pCO2, Sat.O2	1	1	**2**
17	ITEM 17. BIOCHEMISTRY ANALYSER	1	-	**1**
18	ITEM 18. HOT AIR STERILATION	2	-	**2**

2. To enable you to submit a bid, please find enclosed:

Annex I. Instructions to Bidders
Annex II. Bid Data Sheet
Annex III. General Terms and Conditions
Annex IV. Special Conditions

Annex V.	Schedule of Requirements
Annex VI.	Technical Specifications
Annex VII.	Bid Submission Form
Annex VIII.	Price Schedule

3. Interested Bidders may obtain further information or clarifications at the following address:

Contact Person:	**Victor Munteanu, Project Officer**
Name of Office:	**Project "Support to Confidence Building Measures"**
E-Mail:	**victor.munteanu@undp.org**

UNDP Moldova will organise on its premises a pre-bidding conference on **25 June 2010** at **11:00**. Representatives of all interested applicants are invited to attend. To confirm participation, please, send a message to vladimir.nichiforov@undp.org by COB on Thursday, **24 June 2010**.

4. Bids must be delivered to UNDP Moldova office on or before **15:00** (Moldova local time) on **07 July 2010**. Late bids shall be rejected.

Bids can be submitted either in hard copy or electronically.
a) Documents/bids in hard copy need to be addressed to:
UNDP Moldova,
131, 31 August 1989 Street, MD-2012 Chisinau, Republic of Moldova
Attention: Registry Office/Procurement
b) Bids sent electronically need to be addressed to the following e-mail address:
tenders-Moldova@undp.org

5. Bids will be opened in the presence of Bidders' Representatives, who chose to attend at **131, 31 August 1989 Street, MD-2012 Chisinau, Moldova**, on **07 July 2010** at **16:00** (Moldova local time).

6. This letter is not to be construed in any way as an offer to contract with your firm.

Sincerely,

Kaarina Immonen
Resident Representative

Annex I

INSTRUCTIONS TO BIDDERS

A. Introduction

1. **General**: The Purchaser invites Sealed Bids for the supply of goods to the UN system.

2. **Eligible Bidders**: Bidders should not be associated, or have been associated in the past, directly or indirectly, with a firm or any of its affiliates which have been engaged by the Purchaser to provide consulting services for the preparation of the design specifications, and other documents to be used for the procurement of goods to be purchased under this Invitation to Bids.

3. **Cost of Bid**: The Bidder shall bear all costs associated with the preparation and submission of the Bid, and the procuring UN entity will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the solicitation.

B. Solicitation Documents

4. **Examination of Solicitation Documents**: The Bidder is expected to examine all corresponding instructions, forms, terms and specifications contained in the Solicitation Documents. Failure to comply with these documents will be at the Bidder's risk and may affect the evaluation of the Bid.

5. **Clarification of Solicitation Documents**: A prospective Bidder requiring any clarification of the Solicitation Documents may notify the procuring entity in writing. The response will be made in writing to any request for clarification of the Solicitation Documents that it receives earlier than two weeks prior to the Deadline for the Submission of Bids. Written copies of the response (including an explanation of the query but without identifying the source of inquiry) will be sent to all prospective Bidders that received the Solicitation Documents.

6. **Amendments of Solicitation Documents**: No later than two weeks prior to the Deadline for Submission of Bids, the procuring entity may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, amend the Solicitation Documents. All prospective Bidders that have received the Solicitation Documents will be notified in writing of any amendments. In order to afford prospective Bidders reasonable time in which to take the amendments into account in preparing their offers, the procuring entity may, at its discretion, extend the Deadline for the Submission of Bids.

C. Preparation of Bids

7. **Language of the Bid:** The Bid prepared by the Bidder and all correspondence and documents relating to the Bid exchanged by the Bidder and the procuring entity shall be written in the language indicated on the Bid Data Sheet.

8. Documents Comprising the Bid:

The Bid must comprise the following documents:

(a) a Bid Submission form;
(b) a Price Schedule completed in accordance with the Annexes V, VI and VIII and clause 11 of Instructions to Bidders;
(c) documentary evidence established in accordance with clause 9 of Instructions to Bidders that the Bidder is eligible to and is qualified to perform the contract if its Bid is accepted;
(d) documentary evidence established in accordance with clause 10 of Instructions to Bidders that the goods and ancillary services to be supplied by the Bidder are eligible goods and services and conform to the Bidding Documents.

9. Documents Establishing Bidder's Eligibility and Qualifications:

The Bidder shall furnish evidence of its status as qualified Supplier. The documentary evidence of the Bidder's qualifications to perform the contract if its Bid is accepted shall be established to the Purchaser's satisfaction:

(a) that, in the case of a Bidder offering to supply goods under the contract which the Bidder did not manufacture or otherwise produce, the Bidder has been duly authorized by the goods' manufacturer or producer to supply the goods in the country of final destination;
(b) that the Bidder has the financial, technical, and production capability necessary to perform the contract.

10. Documents Establishing Goods' Conformity to Bidding Documents:

The Bidder shall also furnish as part of its Bid, documents establishing the conformity to the Bidding Documents of all goods and related services which the Bidder proposes to supply under the contract.

The documentary evidence of conformity to the Bidding Documents may be in the form of literature, drawings, and data, and shall consist of:

(a) A detailed description of the essential technical and performance characteristics of the goods;
(b) A list giving full particulars, including available sources and current prices of spare parts, special tools, etc, necessary for the proper and continuing functioning of the goods for a period to be specified in the Bid Data Sheet, following commencement of the use of the goods.

11. **Bid Currencies/Bid Prices**: All prices shall be quoted in **US dollars** or any other convertible currency. The Bidder shall indicate on the appropriate Price Schedule the unit prices (where applicable) and total Bid Price of the goods it proposes to supply under the contract.

12. **Period of Validity of Bids**: Bids shall remain valid for 120 days after the date of Bid Submission prescribed by the procuring UN entity pursuant to clause 16 of Instructions to Bidders. A Bid valid for a shorter period may be rejected as non-responsive pursuant to clause 20 of Instructions to Bidders. In exceptional circumstances, the procuring UN entity may solicit the Bidder's consent to an extension of the period of validity. The request and the responses thereto shall be made in writing. Bidders granting the request will not be required nor permitted to modify their Bids.

13. **Bid Security**:

(a) The Bidder shall furnish as part of its Bid a Bid Security to the Purchaser in the amount of 2% of the Offer Value.
(b) The Bid Security is to protect the Purchaser against the risk of the Bidder's conduct which would warrant the security's forfeiture, pursuant to Clause 13(g) below.
(c) The Bid Security shall be denominated in the currency of the Purchase Order or in a freely convertible currency and shall be in one of the following forms:
    i. bank guarantee or irrevocable letter of credit, issued by a reputable bank located in the purchaser's country or abroad, and in the form provided in these Solicitation Documents, or,
    ii. cashier's cheque, or certified cheque.
(d) Any Bid not secured in accordance with Clauses 13 a) and 13 c) above will be rejected by the Purchaser as non-responsive pursuant to clause 20 of Instructions to Bidders.
(e) Unsuccessful Bidder Bid Security will be discharged or returned as promptly as possible, but not later than thirty (30) days after the expiration of the period of Bid Validity prescribed by the Purchaser pursuant to clause 12 of Instructions to Bidders.
(f) The successful Bidder's Bid Security will be discharged or returned upon the Bidder signing the Purchase Order, pursuant to clause 26 of Instructions to Bidders, and furnishing the Performance Security, pursuant to clause 27 of Instructions to Bidders.
(g) The Bid Security may be forfeited:
    1) If a Bidder withdraws its offer during the period of the Bid Validity specified by the Bidder on the Bid Submission Form, or,
    2) In the case of a successful Bidder, if the Bidder fails:
        i. to sign the Purchase Order in accordance with Clause 26 of Instructions to Bidders, or,
        ii. to furnish Performance Security in accordance with Clause 27 of Instructions to Bidders.

D. Submission of Bids

14. **Format and Signing of Bid**: The Bidder shall prepare two copies of the Bid, clearly marking each "Original Bid" and "Copy of Bid" as appropriate. In the event of any discrepancy between them, the original shall govern. The two copies of the Bid shall be typed or written in indelible ink and shall be signed by the Bidder or a person or persons duly authorized to bind the Bidder to the contract. A Bid shall contain no interlineations, erasures, or overwriting except, as necessary to correct errors made by the Bidder, in which case such corrections shall be initialed by the person or persons signing the bid.

15. **Sealing and Marking of Bids**:

15.1 The Bidder shall seal the original and each copy of the Bid in separate envelopes, duly marking the envelopes as "ORIGINAL" and "COPY". The envelopes shall then be sealed in an outer envelope.
15.2 The inner and outer envelopes shall:

(a) be addressed to the Purchaser at the address given in section I of these Solicitation Documents; and
(b) make reference to the "subject" indicated in section I of these Solicitation Documents, and a statement: "DO NOT OPEN BEFORE", to be completed with the time and the date specified in section I of these Solicitation Documents for Bid Opening pursuant to clause 16 of Instructions to Bidders.

15.3 The inner and outer envelopes shall also indicate the name and address of the Bidder to enable the Bid to be returned unopened in case it is declared "late".

15.4 If the outer envelope is not sealed and marked as required by clause 15.2 of Instructions to Bidders, the Purchaser will assume no responsibility for the Bid's misplacement or premature opening.

16. **Deadline for Submission of Bids/Late Bids**:

16.1 Bids must be delivered to the office on or before the date and time specified in section I of these Solicitation Documents.

16.2 The Purchaser may, at its discretion, extend this deadline for the submission of the bids by amending the Bidding Documents in accordance with clause 6 of Instructions to Bidders, in which case all rights and obligations of the Purchaser and Bidders previously subject to the deadline will thereafter be subject to the deadline as extended.

16 3 Any Bid received by the Purchaser after the Deadline for Submission of Bids will be rejected and returned unopened to the Bidder.

17. **Modification and Withdrawal of Bids**: The Bidder may withdraw its Bid after submission, provided that written notice of the withdrawal is received by the procuring UN entity prior to the deadline for submission. No Bid may be modified after passing of the Deadline for Submission of Bids. No Bid may be withdrawn in the interval between the Deadline for Submission of Bids and the expiration of the Period of Bid Validity.

E. Opening and Evaluation of Bids

18. **Opening of Bids**:

18.1 The Purchaser will open all Bids in the presence of Bidders' Representatives who choose to attend, at the time, on the date, and at the place specified in section I of this Solicitation Document. The Bidders' Representatives who are present shall sign a register evidencing their attendance.

18.2 The bidders' names, Bid Modifications or withdrawals, bid Prices, discounts, and the presence or absence of requisite Bid Security and such other details as the purchaser, at its discretion, may consider appropriate, will be announced at the opening. No Bid shall be rejected at Bid Opening, except for Late Bids, which shall be returned unopened to the Bidder pursuant to clause 20 of Instructions to Bidders.

18.3 Bids (and modifications sent pursuant to clause 17 of Instructions to Bidders) that are not opened and read out at Bid Opening shall not be considered further for evaluation, irrespective of the circumstances. Withdrawn Bids will be returned unopened to the Bidders.

18.4 The Purchaser will prepare minutes of the Bid Opening.

19. **Clarification of Bids**: To assist in the examination, evaluation and comparison of Bids the procuring UN entity may at its discretion ask the Bidder for clarification of its Bid. The request for clarification and the response shall be in writing and no change in price or substance of the Bid shall be sought, offered or permitted.

20. **Preliminary Examination**:

20.1 Prior to the detailed evaluation, the Purchaser will determine the substantial responsiveness of each Bid to the Invitation to Bid (ITB). A substantially responsive Bid is one which conforms to all the terms and conditions of the ITB without material deviations.

20.2 The Purchaser will examine the bids to determine whether they are complete, whether any computational errors have been made, whether the documents have been properly signed, and whether the bids are generally in order.

20.3 Arithmetical errors will be rectified on the following basis: If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected. If the Bidder does not accept the correction of errors, its Bid will be rejected. If there is a discrepancy between words and figures the amount in words will prevail.

20.4 A Bid determined as not substantially responsive will be rejected by the Purchaser and may not subsequently be made responsive by the Bidder by correction of the non-conformity.

21. **Conversion to Single Currency**: To facilitate evaluation and comparison, the Purchaser will convert all Bid Prices expressed in the amounts in various currencies in which the Bid Prices are payable to US dollars at the official UN exchange rate on the last day for Submission of Bids.

22. **Evaluation of Bids**: Determination of compliance with the Solicitation Documents is based on the content of the Bid itself without recourse to extrinsic evidence.

Evaluation Criteria	
1.1	Compliance with pricing conditions set in the ITB.
1.2	Compliance with requirements relating to technical design features or the product's ability to satisfy functional requirements.
1.3	Compliance with Special and General Conditions specified by these Solicitation Documents.
1.4	Compliance with start-up, delivery or installation deadlines set by the procuring entity.
1.5	Demonstrated ability to comply with critical provisions such as execution of the Purchase Order by honoring the tax-free status of the UN.
1.6	Demonstrated ability to honor important responsibilities and liabilities allocated to Supplier in this ITB (e.g. performance guarantees, warranties, or insurance coverage, etc).
1.7	Proof of after-sales service capacity and appropriateness of service network.

F. Award of Contract

23. **Award Criteria**: The procuring UN entity will issue the Purchase Order to the lowest priced technically qualified Bidder. The Purchaser reserves the right to accept or reject any Bid, to annul the solicitation process and reject all Bids at any time prior to award of purchase order, without thereby incurring any liability to the affected Bidder(s) or any obligation to provide information on the grounds for the purchaser's action.

24. **Purchaser's Right to Vary Requirements at Time of Award**: The Purchaser reserves the right at the time of making the award of contract to increase or decrease by up to 15 % the quantity of goods specified in the Schedule of Requirements without any change in unit price or other terms and conditions.

25. **Notification of Award**: Prior to the expiration of the period of Bid Validity, the Purchaser will send the successful Bidder the Purchase Order. The 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 effect 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.

26. **Signing of the Purchase Order**: Within 30 days of receipt of the Purchase Order the successful Bidder shall sign, date and return it to the purchaser.

27. **Performance Security**: The successful Bidder shall provide the Performance Security on the Performance Security Form provided for in these Solicitation Documents, within 30 days of receipt of the Purchase Order from the purchaser.

    Failure of the successful Bidder to comply with the requirement of clause 26 or clause 27 of Instructions to Bidders shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security, in which event the Purchaser may make the award to the next lowest evaluated Bidder or call for new Bids.

Annex II

BID DATA SHEET

The following specific data for the goods to be procured shall complement, supplement, or amend the provisions in the Instruction to Bidders. Whenever there is a conflict, the provisions herein shall prevail over those in the Instructions to Bidders.

Relevant clause(s) of Instruction to Bidders	Specific data complementing, supplementing, or amending instructions to Bidders
Language of the Bid	☒ **English** ☐ French ☐ Spanish ☐ Other:
Bid Price	The prices quoted shall be as per following INCOTERMS 2000 and place: ☐ FOB ☐ FCA ☐ CPT ☒ **DDU** Place: **Tiraspol and Bender, Republic of Moldova** International Suppliers must quote the delivery of **LOT 1 (whole lot, comprising all items)** to Tiraspol and Bedner, Moldova on DDU INCOTERMS 2000, unloaded at named local destination. Local Supplier must, in case the commodities have to be imported after receiving the Purchase Order, quote on same conditions as International Suppliers. For commodities already in the country at the time of ordering, the Local Suppliers must quote on **CPT Tiraspol and Bender (INCOTERMS 2000)**, unloaded at named local destination. The prices will include the cost of delivery, installation, hand-over in operational condition, training to medical staff on operation of the delivered equipment and the 3 year warranty. The supply will be considered and treated as "humanitarian aid" when clearing with customs office.
Documents Establishing Bidder's Eligibility & Qualifications	☒ **Required** ☐ Not required
Bid Validity Period	☒ **120 days** ☐ Other:
Bid Security	☒ **Required** ☐ Not required
Preliminary Examination – completeness of bid	☒ **Partial bids not permitted (ONE WHOLE LOT COMPRISING ALL 18 ITEMS REQUIRED)**
Purchaser's Right to Vary Requirements at Time of Award	☒ **15 percent, increase or decrease remain unchanged** ☐ Condition waived ☐ Condition applies but change limit to …… percent
Bid submission	**Bids can be submitted either in hard copy or electronically. Bids sent electronically need to be addressed to the following e-mail address: tenders-Moldova@undp.org with the same mark. Bids submitted by fax will be rejected. Late bids will not be accepted.**
Requests for additional information	Request for additional information must be received at least 2 (two) weeks before the Deadline for Submission of bids. Bidders are encouraged to raise queries as early as possible.
Compliance with any other clause required?	☐ No ☒ **Yes. Bids must provide a complete list of items in thorough compliance with each line of Technical Specifications. The bidder shall mark in the list of proposed specifications each parameter that complies with the requested specifications.**

Annex III

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 effect 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

2.1.1 UNDP shall, on fulfilment 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.

2.1.2 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.

2.1.3 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.

2.1.4 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 DDU Incoterms 2000, unless otherwise agreed upon by the Parties on the front side of this Purchase Order.

5. EXPORT LICENCES

Notwithstanding any INCOTERM 2000 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:

a) 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.
b) Refuse to accept delivery of all or part of the goods.
c) 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.

Annex IV

Special Conditions

The following Special Conditions shall complement, supplement, or amend the General Conditions. Whenever there is a conflict, the provisions herein shall prevail over those in the General Conditions.

Warranty/Guarantee	
☒ Applies ☐ Does not apply	If, within 36 months after the goods have been put into service, any defects are discovered or arise in the normal course of usage, the Supplier shall remedy the defect either by replacement or by repair.
Liquidated damages	
☒ Applies ☐ Does not apply	If the Supplier fails to supply the specified goods within the time period(s) stipulated by the purchase order, the Purchaser shall, without prejudice to its other remedies under the contract, deduct from the Purchase Order price, as liquidated damages, a sum equivalent to 0.5 percent of the delivered price of the delayed goods for each week of delay until actual delivery, up to a maximum deduction of 10 percent of the delayed goods Purchase Order price. Once the maximum is reached, the Purchaser may consider termination of the Purchase Order
Performance security	
☒ Applies ☐ Does not apply	a) Within 30 days of receipt of the Purchase Order from the purchaser, the successful Bidder shall furnish a Performance Security to the Purchaser in the amount of 10% of the Purchase Order Value. b) The Performance Security shall be valid until a date 30 days from the date of Issue of a Satisfactory Certificate of Inspection and Testing by the procuring UN entity. c) The proceeds of the Performance Security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the contract. d) The Performance Security shall be denominated in the currency of the Purchase Order and shall be in one of the following form of a bank guarantee or irrevocable letter of credit, issued by a reputable bank located in the purchaser's country or abroad in the form provided in these Solicitation Documents. e) The Security will be returned to the Supplier within 30 days of completion of the Purchase order, including any warranty obligation.
Compliance with any other condition (s) required?	
☒ Applies ☐ Does not apply The Supplier (Bidder) will deliver, install, hand-over the whole lot No. 1 of medical equipment and will provide training on the operation of the installed medical equipment to the staff of Perinatal Centers in Tiraspol and Bender.	

Annex V.

SCHEDULE OF REQUIREMENTS

Delivery period:	UNDP Moldova is looking for a maximum delivery time of **8 calendar weeks** after contract signing, **DDU Tiraspol and Bender, Republic of Moldova**.
Delivery terms:	**LOT 1 (whole lot, comprising all items), DDU Tiraspol and Bender**, Republic of Moldova (INCOTERMS 2000)
Installation:	The contractor (bidder) shall install the equipment at its place of operation.
Training:	After the installation the contractor (bidder) will organize an on-site training for medical staff on the operation of the equipment.
Warranty:	The full warranty shall include maintenance, troubleshooting and repair including provision of spare parts. The contractor (bidder) must provide evidence of local authorized technical support services availability (on the territory of the Republic of Moldova or in the immediate vicinity) for the offered equipment. In case of repair, a competent service person either from the contractor (bidder) or from the local authorized company has to show up at the location of the equipment and provide the detailed state report and troubleshooting/repair schedule within the next business day after the contractor (bidder) or contracted local authorized company was informed about the need of repair. Preference shall be given to Next Business Day Onsite services. The maximum waiting time shall not exceed 72 hours. For all items in the Technical Specifications (Annex VI), the bidders shall propose three (3) years of full warranty period to commence following acceptance of the delivered equipment by UNDP.
Supplier Qualification:	**Profile of the company**: Give a brief description of the company including copy of company registration documents **Details of years in business**: The manufacturer must document having a minimum of three years experience in the relevant line of business. **Local Dealer/Representative/Company**: The bidder should state in their bid the name of local entity for warranty/guarantee repair, maintenance, etc.
Packing:	Please refer to Annex III General Terms and Conditions (clause 6) for the minimum packing requirements.
Certificate(s) of Conformity:	Provision of copies of the documents, confirming that goods are in compliance with compulsory requirements (norms and standards) for such type of equipment - certificate(s)/record(s) of conformity, issued or acknowledged by relevant regulatory entity/body;
Payment terms:	Goods purchased will be paid through bank transfer to given account, upon delivery and submission of supply invoice within 30 days. **Please note that all UNDP purchases are customs and tax exempted.**

Annex VI.

TECHNICAL SPECIFICATIONS

ITEM 1. NEONATAL VENTILATOR

Product Name: NEONATAL VENTILATOR
Type / Model:
Manufacturer / Country:
European Mark: CE MARK

SPECIFICATIONS	yes	no	STATEMENT OF COMPLIANCE
CHARACTERISTICS			
A. Ventilator:			
Long-term conventional neonatal ventilator for intensive care for neonatal patients for NICU			
Electro-pneumatically controlled			
Built-in graphic display with backlight			
Microprocessor controlled			
Electronic blender built-in			
Dual flow system for independent setting ofin- and expiratory flow			
Low gas consumption			
Proximal flowsensor, reusable, autoclavable			
Inlet pressures from 1.5 to 6 bar			
Capable for transports with min. 2 hours autonomy			
Light weight			
Wall connector: standard connector tubing – 5 meters, standard connectors, pressure regulator			
UPS source – power failure protections			
Circuits:			
Reusable and autoclavable circuits for newborn with humidification chamber included 1 pcs.			
Single use circuits for newborn with humidification chamber included – 100 pieces			
B. Humidifier:			
Microprocessor controlled			
Heater wire for in-and expiratory limb possibility			
Humidification chambre			
Dual Servo controlled principle for temperature control			
Ventilation Modes:			
CPAP (continuous positive airway pressure) With apnea backup ventilation			
CMV/IPPV (continuous mandatory ventilation)			
PTV (patient trigger ventilation) ASSIST Mode			
SIMV (synchronized intermittent mandatory ventilation)			
Volume limit function			
Adaptive trigger system, leakage compensated			
Cycling modes:			
CPAP - backup breaths are pressure cycled time limited			
CMV- pressure cycled time limited or flow cycled pressure limited			
PTV - pressure cycled time limited			
SIMV - flow cycled pressure limited			
Preset breaths – flow cycled pressure limited, backup breaths are pressure-cycled time limited.			
PSV – pressure support ventilation			
Volume limited breaths (to avoid volutrauma)			
Adjustable parameters:			
Inspiratory Time : up to 2 s			

SPECIFICATIONS	yes	no	STATEMENT OF COMPLIANCE
Expiratory time setting up to 30 s			
Respiratory Rate			
PEEP: 0-20 mbar			
Inspiratory Pressure PIP up to 60 mbar			
Inspiratory Flow			
Expiratory Flow (Base Flow)			
Fi O_2: 21-100 Vol.% +/- 1%			
Volume limit: up to 100 ml			
Apnea backup rate			
Oxygen flush adjustable			
Monitoring and displayed parameters			
Wave graphics in real time for:			
Flow			
Volume			
Pressure			
Loops depicting:			
Pressure/volume			
Flow/pressure			
Volume/flow			
Displayed parameters:			
Exhaled Tidal volume			
Minute –volume MV			
Fi O_2			
Dynamic compliance			
C20/C			
Airway resistance			
PIP			
PEEP			
Mean Airway Pressure			
Endotracheal tube leakage			
% of MV share Patient / Ventilator			
Trigger Volume in ml			
Inspiiratory time			
Spontaneous breath rate of patient			
Ventilator rate			
Alarms			
Autosetting Mode			
Individual adjustable			
High Minute Volume alarm			
Low Minute Volume alarm			
High Respiratory Rate alarm			
Apnea alarm			
TV Limit alarm and cut-off function (to avoid volu-trauma)			
High Inspiratory Pressure alarm			
Low Inspiratory Pressure alarm			
Leak alarm			
Fixed Alarms:			
System fail			
Air supply failure			
Oxygen supply failure			
Power supply failure			
Flow sensor not connected			
Flow sensor defect			
Clean Flow sensor			
Unable to calibrate Flow sensor			
Fi O_2 to high			
Fi O_2 to low			

SPECIFICATIONS	yes	no	STATEMENT OF COMPLIANCE
O_2 calibration failure			
Battery fault			
Battery low			
Air and O_2 input:			
Air: 1.5 to 6 bar			
O_2: 1.5 to 6 bar			
Operating Environment:			
Temperature 10 – 40^0 C			
Humidity: 0-90 % - non condensing			
Power Requirements			
Voltage: 220V, 50/60Hz.			
Battery:			
Battery charger built in			
Maximum time for full charge: 24 hours			
Charge to 80% in maximum 10 hours			
Battery life: minimum 10 years			
Battery autonomy: minimum 2 hours			
Trolley:			
5 wheel, 2 with brakes			
Bracket for humidifier			
Support for ventilator attachment			
STANDARDS			
The equipment shall have the CE Mark and shall be manufactured by ISO 9001: 2000 certified company			
WARRANTY AND SERVICE CONDITIONS			
Period: 36 months from the moment of installation			
Maximum response time at beneficiary site: 72 Hours			
INCIDENTAL SERVICES			
Training for at least 2 medical personnel on site at beneficiary location in Russian language			
Training for at least 2 technical personnel on site at beneficiary location in Russian language			
Installation			
User manual in English or translated into Russian language			

ITEM 2. COMPRESSOR FOR NEONATAL VENTILATOR

Product Name: COMPRESSOR FOR NEONATAL VENTILATOR
Type / Model:
Manufacturer / Country:
European Mark: CE MARK

SPECIFICATIONS	Yes	No	STATEMENT OF COMPLIANCE
CHARACTERISTICS			
Must be compatible with the ventilator specifications of Item I			
Stand alone medical air compressor			
Snap fit with the ventilator module to provide medical air.			
Air quality should comply with European Pharmacopoeia compressed air purity class			
Replacement of internal filters should be performed without removing the compressor			
Should provide at least 5 sets of air filters			
Power supply:			
Power Supply: 220 VAC, 50 Hz			
STANDARDS			
The equipment shall have the CE Mark and shall be manufactured by ISO 9001: 2000 certified company			
WARRANTY AND SERVICE CONDITIONS			
Period: at least 36 months			
Maximum response time: 48 hours			
INCIDENTAL SERVICES			
Training for at least 2 medical personnel on site at beneficiary location in Russian language			
Training for at least 2 medical personnel on site at beneficiary location in Russian language			
Installation			
User manual in English or translated into Russian language			

ITEM 3. C.P.A.P SYSTEM
(WITH HYDROSTATIC ADJUSTMENT OF PRESSURE)

Product Name: CPAP SYSTEM WITH HYDROSTATIC ADJUSTMENT OF PRESSURE
Type / Model:

Manufacturer / Country:
European Mark: CE MARK

SPECIFICATIONS	yes	no	STATEMENT OF COMPLIANCE
BASIC STRUCTURE			
1. Heated respiratory humidifier			
2. Humidifier pole with mobile stand and pole mount bracket			
CONSUMABLES			
Complete Single use nasal CPAP kits consisting of:			
a. Single use delivery system composed from:			
Single use patient humidifier chamber			
Single use patient single heated breathing circuits for newborns			
Single use patient pressure manifold			
Single use patient CPAP generator with pressure setting			
b. Single use patient interface composed from:			
- Nasal Tubing			
- Nasal prongs			
- Fixation bonnets			
Single use consumable starter kit consisting of:			
25 pcs. complete single use nasal CPAP kits, each kit consisting of: - delivery system – 1pc. - nasal tubing – 1 pc. - 4 different sizes of bonnets – 2 pc. each - 8 different sizes of nasal prongs – 3 pc. Each			
CHARACTERISTICS			
1. Heated respiratory humidifier characteristics			
Microprocessor controlled			
Dual servo control			
Continuous display of saturated gas temperature			
Temperature probe			
Water-out alarm			
Heated wire adaptor for single patient heated breathing circuits for newborns			
2. Single use delivery system characteristics			
Input flow range: 5- 15 liters / minute			
Humidification chamber compressible volume: min. 250 ml			
Pressure manifold with different ports:			

SPECIFICATIONS	yes	no	STATEMENT OF COMPLIANCE
-oxygen analyzer port			
- pressure port			
- inlet and outlet connectors			
CPAP generator mean pressure: 5-10 cm H_2O			
CPAP generator water container volume: 300ml-500 ml			
3. Single patient interface characteristics			
Nasal tubing with collapsible extension			
Nasal tubing flow resistance: 0,50 cm H_2O at 6 l/min - 0,55 cm H_2O at 6 l/min -			
Latex free nasal prongs with multiple sizes for perfect fit to different sizes of babies			
Comfortable fit single use nasal prongs			
Multiple sizes top opened bonnets for perfect fit to different sizes of babies			
STANDARDS			
The equipment shall have the CE Mark and shall be manufactured by ISO 9001: 2000 certified companies			
WARRANTY AND SERVICE CONDITIONS			
Period: 36 months from the moment of installation			
Maximum response time at beneficiary site: 72 Hours			
INCIDENTAL SERVICES			
Training for at least 2 medical personnel on site at beneficiary location in Russian language			
Training for at least 2 technical personnel on site at beneficiary location in Russian language			
Installation			
User manual in Enghlsh or translated into Russian language			

ITEM 4. INTENSIVE CARE MONITOR
(Heart rate, respiratory rate, saturation in oxygen of hemoglobin, non invasive blood pressure, temperature)

Product Name: INTENSIVE CARE MONITOR
Type / Model:
Manufacturer / Country:
European Mark: CE MARK

SPECIFICATIONS	yes	no	STATEMENT OF COMPLIANCE
CHARACTERISTICS			
Device used for continuous monitoring of newborne, children and adult patients. The device will monitor heart rate, respiratory rate, and saturation in oxygen of hemoglobin, blood pressure and temperature. Possibility for visualizing the parameters on screen and possibility of visualizing trends.			
Color Screen – LCD monitor			
Minimum screen resolution: 800 x 600 pixels			
Screen dimensions: Color screen with at least 300 mm diagonal			
Speed of recording: 6.25, 12.5 or 25 mm/second			
Visible in the same time on the screen: One lead ECG waveform and heart rate value, respiration waveform and respiratory rate; $Sp0_2$ waveform and value; non-invasive blood pressure values (Systolic, diastolic and mean) and temperature value			
The central Control panel will display all instructions in English or Russian language			
Measures: heart rate – beats per minute, respirations – breaths per minute, SpO_2 – percent, blood pressure – mmHg , temperature - °C			
Low weight: approximately 6 kg			
Built-in handle for transportation			
Structure			
Monitor			
Battery			
Patient cables in various lengths e.g. 3 & 8 foots or similar range.			
Cable for ECG + electrodes			
Cable for blood pressure + cuffs			
Cable for temperature + sensor			
Cable for pulse-oximeter + sensors			
Control buttons			
On/off			
Alarms – standard			
Stand-by			
Alarms			
System failure			
Battery low			
Apnea			
Bradycardia			
Tachycardia			
Low respiratory rate			
High respiratory rate			
Saturation low			
Saturation high			
Blood pressure low (systolic, diastolic, mean)			
Blood pressure high (systolic, diastolic, mean)			
Temperature low			
Temperature high			
All alarms mentioned above are adjustable by the clinician at the bedside			
All alarms are audio and visual alarms			

The alarm tones can be regulated (high to low tonality to alarm off at least)			
Heart rate and EGK			
One derivation visible all the time on the screen			
There could be two channels visible optional			
Limits: low limit at least 20 beats per minute, high limit at least 300 beats per minute			
Derivations: I, II, III, aVL, aVR, aVF. Optional: V1, V2, V3, V4, V5, V6			
Possibility to adjust the amplitude of the signal			
Possibility to choose the lead to be displayed			
Cable with 3 wires: I, II, III, aVL, aVR, aVF			
Cable with 10 wires: I, II, III, aVL, aVR, aVF. Optional: V1, V2, V3, V4, V5, V6			
Respiratory rate			
Respiratory rate			
Limits: low limit at least 0 breaths per minute, high limit at least 150 breaths per minute			
Oxygen saturation of hemoglobin			
O_2 saturation low limit at least 30%, high limit at least 100 %			
O_2 saturation low limit at least 30%, high limit at least 100 %			
Pulse rate: low limit at least 30 bpm (beats per minute) to high limit at least 250 bpm			
Adjustable averaging time			
Signal quality meter on screen			
Blood pressure			
Oscilometry measurement			
Measures and displays systolic and diastolic blood pressures			
Automatically adjustable intervals of approximately 1 min – 8hours			
Discriminates between pressure signals and patient movement			
Display current and previous pressure values (systolic, diastolic)			
Automatically zeroes prior to each reading			
Blood pressure cable and cuffs for all age (mentioned above)			
Temperature			
Measurement: low limit at least 28°C, high limit at least 42°C			
Cable for temperature monitoring to be connected with probe and temperature probe or probe incorporated in the cable assembly			
Mandatory rectal and skin probe			
Accessories			
Extra battery – 1 piece			
ECG cables with 3 leads – 2 pieces			
Cuff set reusable, all dimensions newborn/pediatric – 1set			
SpO_2 (multisensor) sensor pediatric/adult with cable with approximately 5 foots – 2 pcs			
SpO_2 sensor newborn with cable with approximately 8 foots (consumables for 500 tests)			
ECG electrodes newborn – 600 pcs			
ECG electrodes adult – 100 pcs			
Blood pressure cable 3 ft – 2 pcs			
Temperature cable 3ft – 2 pcs			
Temperature probe covers – 1000 pcs			
Blood pressure cuffs Sizes: 1,2, 3, 4, 5 - 6 pcs each			
Power requirements: 220 VAC, 50 Hz			
Autonomy with battery at least 2 hours			
Automatically display of battery status fuel gage while operating on battery power			
Automatic internal recharge when the monitor is plugged into an AC power supply.			
Low battery audio and visual alarm			
Capable of recording all numeric and waveform information displayed on the screen for min 24 hours.			

STANDARDS			
The equipment shall have the CE Mark and be manufactured by ISO 9001: 2000 certified companies			
WARRANTY AND SERVICE CONDITIONS			
Period: at least 36 months			
Maximum response time: 72 hours			
INCIDENTAL SERVICES			
Installation and commissioning			
Training for at least 2 medical personnel on site at beneficiary location in Russian language			
Training for at least 2 technical personnel on site at beneficiary location in Russian language			
User manual in English or translated into Russian language			

ITEM 5. BASIC INCUBATOR

Product Name: BASIC INCUBATOR
Type / Model:
Manufacturer / Country:
European Mark: CE MARK

SPECIFICATIONS	yes	no	STATEMENT OF COMPLIANCE
BASIC STRUCTURE			
Basic Incubator consisting of:			
Incubator hood			
Temperature controller			
Standard humidity module			
Mobile stand			
ACCESSORIES:			
Front storage drawers			
Mattress			
Rails for accessories			
Patient skin probe			
CHARACTERISTICS			
1. Incubator hood and mattress			
Double wall and other parts of incubator easily removable for cleaning			
At least two opposite doors for quick access			
Small range temperature drop with door down			
Front door access			
One iris port on each lateral side, two irises on front and back or doors for access			
Hood can be raised separately from front door			
Mattress with minimum surface of 2,000 cm2			
Tilting of the mattress			
Tubing access – minimum 4			
2. Temperature controller			
Microprocessor controlled			
Automatic test on start-up			
Heat up time to 39°C to be 30 minute or less			
Removable control unit for easy service			
Air flow pattern directed from front to rear of incubator across entire width			
Centralized display for patient, air temperatures control with alarms			
display for function settings, parameters and trending, easy to operate and clean			
Accurate air temperature control using two air probes			
Air temperature range between: 20 and 39°C			

SPECIFICATIONS	yes	no	STATEMENT OF COMPLIANCE
Baby temperature control using reusable skin probe			
Baby skin temperature range between: 35 and 37°C			
Keypad lock function for protection			
Override function at air temperature over 38°C			
3. Standard humidity module			
Internal reservoir included			
Front mounted for easy accessibility			
All humidifier parts can be completely removed for filling and cleaning			
Humidity range up to 70% RH			
4. Mobile stand			
Stand on four anti-static wheels, from which two locking			
Height variable 90-110cm or more			
Two front drawers			
5. Alarms			
audio alarms			
Baby set temperature: + / - 1 ° C			
High/Low air temperature: +3 / -1 ° C or better			
Baby skin temperature probe fail			
Air temperature probe fail			
Power fail			
Air flow fail			
System fail			
6. Accessories included			
Front drawers – 2 pieces			
Mattress – 1piece			
Rails for accessories – 2 pieces			
Patient skin probe reusable –2 pcs			
7. Physical properties			
Power requirements: 220/240 V, 50-60 Hz			
Ambient operating temperature: minimum 20- 30° C			
Ambient humidity: 0 – 90 %RH			
STANDARDS			
The equipment shall have the CE Mark and be manufactured by ISO 9001: 2000 certified companies			
WARRANTY AND SERVICE CONDITIONS			
Period: 36 months from the moment of installation			
Maximum response time at beneficiary site: 72 Hours			
INCIDENTAL SERVICES			
Training for at least 2 medical personnel on site at beneficiary location in Russian language			
Training for at least 2 technical personnel on site at beneficiary location in Russian language			
Installation and commissioning			
User manual in English or translated into Russian language			

ITEM 6. SYRINGE INFUSION PUMP

Product Name: SYRINGE INFUSION PUMP
Type / Model:
Manufacturer / Country:
European Mark: CE MARK

SPECIFICATIONS	yes	no	STAMENT OF COMPLIANCE
TECHNICAL CHARACTERISTICS			
Syringe type infusion pump for constant drug administration			
Flow rate: min range 0.1 ml – 999 ml/h (max 0.1 ml increments)			
Possibility of changing the flow rate whilst infusing			
Syringe loading sensor. The equipment will include KVO function			
High accuracy over the entire delivery range min +/-5%			
Accept syringe from 50/60 ml, 30/35 or 20 ml,10 ml or 5ml			
Set-up fast and simple			
Bolus mode programmable			
Antibolus system			
Warns of pressure variation when there is a risk of occlusion or a possible leak in the infusion line			
Occlusion in preselected mode: three pre-selectable pressure alarm limits (oclusion)			
Infusion continuity protection			
Automatic internal battery operation during patient transfer AC power failure			
Infusion data memorisation (flow rate, bolus rate,volume, volume limit, KVO rate)			
Event logging			
Electronic pressure management			
Infusion alarm:			
Prealarm end of infusion			
Prealarm volume limit			
Occlusion alarm			
Alarm for the end of infusion			
Alarm for volume limit			
Technical alarms:			
Disengaged driving mechanism alarm			
Low battery prealarm			
Discharged battery alarm			
Battery capacity display			
Unconfirmed programming			
Main malfunction alarms			
Syringe position control			
Syringe barrel clasp check			
Plunger head detection			
Occlusion pressure			
Locking syringe			
Fixing accessory			
Power 220 V AC / 50 Hz			
Battery life: min 3h/charge			
CONSUMABLES			
200 connectors from the syringe to the patient for each syringe infusion pump			
STANDARDS			
The equipment shall have CE Mark and be manufactured by ISO 9001: 2000 certified companies			
WARRANTY AND SERVICE CONDITIONS			

SPECIFICATIONS	yes	no	STAMENT OF COMPLIANCE
Period: at least 36 months			
Maximum response time: 48 hours			
RELATED OR OTHER SERVICES			
Equipment assembly and installation on site			
Training for medical personnel: at least 2 persons at the end user location in Russian language			
Training for technical personnel: at least 2 persons at the end user location in Russian language			
User manuals in English or translated into Russian			

ITEM 7. PHOTOTHERAPY LAMP

Product Name: STANDARD PHOTOTHERAPY LAMP ON MOBILE STAND
Type / Model:
Manufacturer / Country:
European Mark: CE MARK

SPECIFICATIONS	yes	no	Statement of compliance
BASIC STRUCTURE			
Phototherapy Unit			
Mobile Stand			
CONSUMABLES			
Blue / white light fluorescent tube			
CHARACTERISTICS			
1. Phototherapy Unit			
- composed of minimum 4 fluorescent tubes with white or blue color			
- therapeutically wave length: 420-480 nm			
- tube average life time: minimum 1.500 hours			
- indications when and what tubes need changing			
- light intensity: minimum 40 µW/cm2/nm at a distance of 40 cm from the lamp			
Supplimentary 1 set with white or blue color – reserve			
2. Mobile Stand			
- height adjustable between: minimum 45 -150 cm.			
- on 3-4 castors with locks			
STANDARDS			
The equipment shall have the CE Mark andl be manufactured by ISO 9001: 2000 certified companies			
WARRANTY AND SERVICE CONDITIONS			
Period : 36 months from the moment of installation			
Maximum response time at beneficiary site: 72 Hours			
INCIDENTAL SERVICES			
Training for at least 2 medical personnel on site at beneficiary location in Russian language			
Training for at least 2 technical personnel on site at beneficiary location in Russian language			
Installation			
User manual in English or translated into Russian language			

ITEM 8. PORTABLE PULSE OXYMETER

Product Name: PORTABLE PULSE OXYMETER MONITOR
Type / Model:
Manufacturer / Country:
European Mark: CE MARK

SPECIFICATIONS	yes	no	STATEMENT OF COMPLIANCE
BASIC STRUCTURE			
Monitor for SpO2 and pulse rate			
Portable pulse-oxymeter			
Universal connection for sensors			
ACCESSORIES / CONSUMABLE			
-Interconnection cable 1 pcs			
-1 SpO2 sensor reusable for adults (finger)			
- 1 SpO2 sensor reusable for neonates			
- 30 single patient use SpO2 sensors for neonates lower than 2 Kg.			
- 50 single patient use SpO2 sensors for neonates between 3 and 7 Kg.			
CHARACTERISTICS			
Monitor			
Removable handheld display for SpO2 and pulse rate ensures continuous monitoring during transport			
Oximetry technology clinically proven to work under motion and poor perfusion conditions			
Patients perfusion level display			
Sensor signal quality indicator to ensure best sensor position placement			
Full patient alarms including high and low saturation and pulse rate			
Downloadable 72 hour memory at 2 seconds resolution with the ability to review trend data on screen			
Fast time to initial reading after sensor placement			
Probe off detection system to alert user of probe displacement			
High sensitivity mode for improved performance on poorly perfused patients			
LCD waveform display			
User selectable averaging time			
SpO2 range: 1÷100%			
Pulse rate: approximately 0 ÷300 bpm			
Perfusion (optional): 0.02% ÷ 10%			
Saturation accuracy in motion for neonates: ± 3 digits			
8 hour battery life for the portable display			
Configurable display, including big numbers option			
On screen alarm values			
Alimentation with power cord for 220 V			
2. Sensors			
Availability of complete range of adhesive and reusable			

SPECIFICATIONS	yes	no	STATEMENT OF COMPLIANCE
sensors for all patient weights			
Sensors with recessed photodetector to reduce ambient light and electromagnetic interference			
Extended adhesive sensor life by use of rejuvenatable adhesive			
Low weight adhesive sensors, <5gms			
Single patient use with proven clinical lifetime of minimum 8 days			
Adhesive sensors manufactured from durable, moisture resistant material			
STANDARDS			
The equipment shall be have the CE Mark and shall be manufactured by ISO 9001:2000 certified companies			
WARRANTY AND SERVICE CONDITIONS			
Period: 36 months from the moment of installation of the equipment			
Maximum response time at beneficiary site: 72 Hours			
INCIDENTAL SERVICES			
Training for at least 2 medical personnel on site at beneficiary location in Russian language			
Training for at least 2 technical personnel on site at in beneficiary location in Russian language			
Installation and commissioning			
User manual in English or translated into Russian language			

ITEM 9. SUCTION UNIT

Product Name: SUCTION UNIT FOR NEWBORNS
Type / Model:
Manufacturer / Country:
European Mark: CE MARK

SPECIFICATIONS	yes	no	STATEMENT OF COMPLIANCE
CHARACTERISTICS			
Portable suction unit			
Suitable for newborns			
Vacuum range: between around -20 and -300 mmHg, adjustable from a button			
Vacuum indicator			
Fast aspiration: at around 10-30 lpm flow			
Sealed water resistant unit			
Control panel tilted for easy viewing of the controls			
Main body made of durable and resistant material			
LED indication for bad battery			
Indication for battery charge status			
Remote internal AC charger for battery			
Charging circuit capable of running on low battery			
Power supply: 220VAC, 50Hz			
Rechargeable battery:			
12 volt DC rechargeable battery			
Battery: rechargeable			
Long operating time at full vacuum (uninterrupted min 40 - 60min)			
Low charge time: max 6-8 hours			
Fast charging: runs at least 1 hour after it is charged for 2 hours only			
Accessories and consumables:			
Reusable collecting container: min 1500 ml, .			
Disposable hydrophobic bacteria filters – 3pcs.			
2 autoclavable silicon suction tubes,			
Carrying case with shoulder strap and handle – 1pc.			
Universal rail holder – 1 pc.			
STANDARDS			
The equipment shall have the CE Mark and shall be manufactured by ISO 9001: 2000 certified companies			
WARRANTY AND SERVICE CONDITIONS			
Period: 36 months from the moment of installation of the equipment			
Battery warranty : at least 6 months			
Maximum response time : 72 hours			
INCIDENTAL SERVICES			
Installation and comissioning			
Training for medical personnel :at least 2 persons at the end user location in Russian language			
Training for technical personnel :at least 2 persons at the end user location in Russian language			
User manuals in English or translated into Russian language			

ITEM 10. OXYGEN HOOD

Product Name: OXYGEN HOOD
Type / Model:
Manufacturer / Country:
European Mark: CE MARK

SPECIFICATIONS	yes	no	STATEMENT OF COMPLIANCE
BASIC STRUCTURE			
Transparent oxygen hood for neonates with head / waist aperture			
2 (two) sliding doors			
Silicone flap in the head / waist aperture			
CHARACTERISTICS			
Suitable for neonates ,premature and full term baby			
Fits into all incubators and open care beds / tables			
Allows consistent and even oxygen flow to the baby			
Manufactured from food-grade polycarbonate			
Easy access on each side for I.V. lines, oxygen analyzers or ECG wires			
Big clear sliding doors			
Raked head aperture			
Soft material in the aperture for maintaining oxygen and humidity			
Interior gas deflection system for preventing baby's cooling			
Possibility to measure the interior temperature			
STANDARDS			
The equipment shall have the CE Mark and shall be manufactured by ISO 9001: 2000 certified companies			
WARRANTY AND SERVICE CONDITIONS			
Period : 36 months from the moment of installation			
Maximum response time at beneficiary site 72 hours			
INCIDENTAL SERVICES			
Training for at least 2 medical personnel on site at beneficiary location in Russian language			
Training for at least 2 technical personnel on site at beneficiary location in Russian language			
Installation			
User manual in English or translated into Russian language.			

ITEM 11. RESUSCITATION BALOON WITH MASKS

Product name: RESUSCITATION BALOON WITH MASKS
Type / Model:
Manufacturer / Country:
European Mark: CE MARK

SPECIFICATIONS			
TECHNICAL CHARACTERISTICS	**yes**	**No**	**STATEMENT OF COMPLIANCE**
Silicone resuscitation baloons for providing fast, simple, and effective ventilation to non-breathing patients, self inflating bags			
System assists the rescuer through :			
Pop-off pressure release valve which opens at pressures more than 20-40 cm H2O			
Pressure manometer			
Valve system respond to the rescuer and the patient			
Visual alert of the pressure applied or for incorrect operation			
Audible overpressure alert			
Autoclavable			
Oxygen reservoir system for each of the resuscitators			
Inspiratory resistance: 3-3.5 cm H_2O			
Bag volume : between 500 ÷750 ml			
Expiratory resistance: 2-2.5 cm H_2O			
Dead space: max 8 ml			
Reservoir volume: 500÷750 ML			
Manual flow rate: min 35-45 l/min			
Demand flow rate: min 0-150 l/min			
Input pressure: 50 PSI			
Pressure relief valve: 40 cm H_2O			
Patient connection: 15mm (newborns) and 22 mm			
Low weight (for easy operation)			
Operating temperature range: min. -10°C to 50°C			
Storage temperature range: min. -40°C to +60°C			
Accessories :			
Newborn use masks – 12pcs, small, intermediate and large sizes			
STANDARDS			
The equipment shall have the CE Mark and be manufactured by ISO 9001: 2000 certified companies			
WARRANTY AND SERVICE CONDITIONS			
Period: 36 months from the moment of installation			
Maximum response time : 48 hours			
INCIDENTAL SERVICES			
Installation			
Training for medical personnel :at least 2 persons at the end user location in Russian language			
Training for technical personnel :at least 2 persons at the end user location in Russian language			
User manuals in English or translated into Russian language			

ITEM 12. LARINGOSCOPE WITH VARIOUS SIZE FOR NEWBORN

Product Name: LARINGOSCOPE WITH BLADES FOR NEW-BORN
Type / Model:
Manufacturer / Country:
European Mark: CE MARK

SPECIFICATIONS	yes	no	STATEMENT OF COMPLIANCE
TECHNICAL CHARACTERISTICS			
Fiber optic laringoscope			
Consists of :			
Laringoscop handle			
Fiber optic and/or bulb laryngoscope stright blades – 3pcs – Miller 00,0 and 1			
rechargeable battery			
Knurled finish for sure grip			
Blade with fiber optic for cool light			
Halogen or xenon light for true tissue color			
Long lasting illumination			
Removable fiber optic light pipe for instant replacement			
Fiber optic resistant about 1000 cycles of sterilizations			
Blades :			
Straight laryngoscope blade Miller type, size 0, 00 and 1			
Fully autoclavable			
One piece stainless steel			
Wireless blades eliminate electrical contact			
Charger for battery: 220VAC, 50 Hz			
STANDARDS			
The equipment shall be have the CE Mark and will be manufactured by ISO 9001: 2000 certified companies			
WARRANTY AND SERVICE CONDITIONS			
Period : 36 months from the moment of installation			
Maximum response time : 48 hours			
INCIDENTAL SERVICES			
Installation			
Training for medical personnel :at least 2 persons at the end user location in Russian language			
Training for technical personnel :at least 2 persons at the end user location in Russian language			
User manuals in English or translated into Russian language			

ITEM 13. CARDIOTOCOGRAPH

Product Name: Cardiotocograph
Type / Model:
Manufacturer / Country:
European Mark: CE MARK

SPECIFICATION	yes	no	STATEMENT OF COMPLIANCE
BASIC STRUCTURE			
Fetal monitor for prenatal, labor and delivery monitoring			
Built-in thermal recorder and printer			
Accessories as described			
CHARACTERISTICS			
Dual Ultrasound Twins available for reliable non-stress testing and routine labor monitoring			
Color display and keyboard or similar for entry of patient name and ID with numerical presentation of FHR and UA			
Tachycardia and bradycardia alarm management			
Water-proof ultrasonic transducers			
Backup memory			
Fetal Heart Rate Monitoring			
Ultrasonic measurement for fetal hear rate (FHR) with pulse Doppler technology			
Audible alarm and visual messages based on physiological alarms			
Transmitter frequency minimum 1 MHz			
Maximum constant intensity: < 15mW/cm2			
Heart rate fetal counting range between approximately 60-200 BPM			
Automatic detection of fetal movement			
Uterine Activity			
Uterine activity (UA) measurement with toco-transducer			
Measurement range between: 0-100 relative units			
Manual or auto zero adjust			
Accessories included			
FHR transducers- 2 pieces, with connection devices			
TOCO transducer- 1 piece, with connection devices			
Fetal monitor paper- minimum 6,000 sheets			
Table top or roll stand support for monitor and transducers- 1 piece			
Technical Data			
Power requirements: 230V, 50Hz			
Weight: maximum 10 Kg			
The equipment shall have the CE Mark and actured by ISO 9001: 2000 certified companies			
WARRANTY AND SERVICE CONDITIONS			
Period: at least 36 months			
Maximum response time at beneficiary site: 48 hours			
INCIDENTAL SERVICES			
Training for at least 2 medical personnel on site at beneficiary location in Russian language			
Training for at least 2 technical personnel on site at beneficiary location in Russian language			
Installations			
User manual translated in English or translated into Russian language			

ITEM 14. ANESTHESIA MACHINE

Product Name: ANESTHESIA MACHINE
Type / Model:
Manufacturer / Country:
European Mark: CE MARK

SPECIFICATIONS	yes	no	STATEMENT OF COMPLIANCE
CHARACTERISTICS			
Compact mobile inhalation anesthesia machine with integrated ventilator and monitoring for pressure, volume and oxygen; Anesthesia system suitable for low flow or high flow anesthesia with rebreathing or non rebreathing systems optimized for infant to adult ventilation			
General requirements identify requested functions :			
Basic unit including support for medical gas supply from central pipeline system, NIST connectors for O2, N_2O and air, for 1x O_2 cylinder			
Support for breathing systems including hoses and absorber (min 1,5 L)			
Precise vaporizing system for one vaporizer with interlock system			
Monitoring and measurement of ventilation parameter and gas parameter			
Bronchus aspirator			
Trolley with antistatic casters- two locking , drawers unit and writing tray			
Equipped with all necessary accessories – minimum the following : pressure reducers, connecting hoses, reusable breathing hoses for adults, vaporizer, sensors, filters, bronchus aspirator etc, ready to work			
Auto self check by start routine			
Activated automatically out of sleep mode by switching on the ventilator or fresh gas flows			
Power supply : 220VAC, 50Hz			
Battery back up for min 45 minutes			
Tehnical requirements :			
Basic machine with integrated electrically driven, electronically controlled anesthetic ventilator without gas consumption to drive the ventilator			
Height adjustable support arm for semiclosed breathing systems usable on both sides of the anesthesia machine			
Possibility for vertical mounting rails on both sides of the machine for additional monitoring accessories			
Basic machine with vapor plug – in system for one vaporizer			
Writing tray surface			
Connectors for central gas supply (NIST) and gas supply connectors with non return valves integrated			
Gas supply from central pipeline system at pressure range from 2.8 bar up to 6 bar for following 02,Air and optional N20			
Possibility to upgrade the anesthesia machine with anesthetic gas scavenging system			
Requirements for gas dosage unit including safety devices :			
Gas dosage for O2 and Air and optional N2O			
Fresh gas flow range : O2 : min 0 – 15 l Air : min 0 – 15 l N2O : min 0 – 15 l			
Ventilator just allows ventilation using room air in case of an absence of fresh gasX			
Linear control valve to regulate the O2 concentration			

SPECIFICATIONS	yes	no	STATEMENT OF COMPLIANCE
Automatic audio oxygen failure alarm for min 5 sec duration			
Fresh gas adjustments with mechanical – pneumatic settings			
Electronic measurements of each gas of fresh gas flow and visualized by digital system			
Data transfer for the adjusted fresh gas flow for each gas			
Emergency oxygen flush 50 l/min by min 3.5 bar bypassing the vaporizers			
Mechanical back up flow tube for total flow			
Requirements for the breathing system :			
Compact version, usable on both sides of the anesthesia machine			
Reusable breathing hoses for adults			
Soda lime absorber with capacity of min 1.5 L			
Visible inspiratory and expiratory valve			
Adapters for measuring the airway pressures integrated			
Sensor for measuring the volume integrated			
Breathing system, sterilizable			
Parking position for Y piece			
Possibility for gas scavenging			
Support for monitoring sensors of O2 concentration, expiratory volume ,airway pressure and gas sampling			
Requirements for the ventilator:			
Electronically controlled, electrically driven ventilator with no consumption of gas			
Suitable for infants to adults without changing of any ventilator parts			
Possibility of spontaneous, manual, automatic and pressure controlled ventilation			
Time controlled and volume constant			
Tidal volumes :20 – minimum 1000ml			
PEEP : 0 – 20 mbar			
Frequency : 4 – 60 bpm			
I : E ratio 4 : 1 to 1 : 4			
Requirements for vaporizer :			
Plug in system, self closing by removing the vaporizer			
Can be transported in filled conditions and can be stored and transported in any position			
Vaporizer temperature compensated			
Requirements for bronchus aspirator :			
Bronchus aspirator with integrated ejector			
Adjustable vacuum min 0 to 0.9 bar			
Portable suction unit min 1 liter			
Requirements for airway monitoring :			
Continuous measuring of pressure, volume, oxygen concentration and frequency			
Monitoring is integrated within breathing system and the mentioned values are displayed on the same user interface			
Monitoring is available during manual ventilation and spontaneous breathing			
Monitoring part must be able to show the pressure waveform			
Tidal volume .20 – 1200 ml			
Minute volume : 0 – 100 l/ min			
Airway pressure numeric : 5 – 75 mbar			
Insp. Pressure – peak 15 – 70 mbar			
P mean : .15 – 70 mbar			
PEEP : .0 – 20 mbar			
Frequency : .4 – 60 bpm			
Concentration insp. O2 : min 20 – 100 vol %			
Curve display			

SPECIFICATIONS	yes	no	STATEMENT OF COMPLIANCE
Screen pages			
Graphical and numeric displays configurable			
Requirements for adjustable high/low limits with audio and visual alarms :			
Minute volume			
Airway pressure incl. Stenosis and disconnection			
Insp. O2 concentration			
Audio power supply fail warning			
Timeout of audio alarms possible			
Special sensor fail warnings for flow sensor; pressure sensor and oxygen sensor			
STANDARDS			
The equipment shall have the CE Mark and shall be manufactured by ISO 9001: 2000 certified company			
WARRANTY AND SERVICE CONDITIONS			
Period : at least 36 months			
Maximum response time : 48 hours			
INCIDENTAL SERVICES			
Installation			
Training for medical personnel :at least 2 persons at the end user location in Russian language			
Training for technical personnel :at least 2 persons at the end user location in Russian language			
User manuals in English or translated into Russian language			

ITEM 15. BLOOD GAS AND ELECTROLYTES ANALYSER

Product Name: Blood gas and electrolytes analyzer
Type / Model:
Manufacturer / Country:
European Mark: CE MARK

Description	Yes	No	Statement of compliance
TECHNICAL CHARACTERISTICS			
Automated analyzer			
Built-in PC functionality, full colour display			
Built in or external printer			
Barcode reader for reagents and other consumables, patient ID and quality control data			
Compact design analyzer			
Automatic aspiration from syringe or capillary			
Sample size – max 150 ul			
Easy-to follow computer assisted guidance for operator			
Can manage patient ID and Quality control data			
Sample type: whole blood, serum, plasma			
All parameters must be measured from a single sample			
Analysis time: max 150 sec.			
Automatic calibration, programmable 1 and 2 point calibration			
Data storage: minimum 1000 data			
Ambient temperature: 18 - 30 °C			
Power: 220 VAC; 50 Hz			
Uninterrupted Power Supply (UPS) for backup			
Reagents and waste level detection by software			
Save mode			
Easy - to - do maintenance			
Measurable parameters (approximate measurable ranges)			
ph 6.5 - 7.8			
pCO2 10 - I50 mmHg			
pO2 10 - 700 mm Hg			
Na+ 100 - 200 mmol/l			
K+ I -10 mmol/l			
Cl- 50 - 140mmol/l			
Ca++ 0.5 - 5 mmol/l			
Gluc 20 - 500 mg/dl or better			
Lac 0.5 - 30 mmol/1			
tHb 5 - 25 g/dL and/or Hct 15-60%			
ctHb mmol/l 0.5 – 16.5			
sO2 0 – 100%			
Calculated parameters: (approximate calculated ranges)			
HCO3 0 - 100mmo!/L			
BE-30 - 30 mmol/L			
tCO2 0 - 100mmol/L			
pH(T) 6.5 - 7.8			
RI 0-10			
O2SAT 15-100%			
Connection to PC			
QC manager			
Self diagnosis system			
No maintenance electrodes			
Consumables			
The offer should include consumables fluids, gases and			

electrodes , maintenance free, for 200 samples/month for a period of 24 months. The delivery of all consumables should be done periodically at request within the validity period of time.			
STANDARDS			
The equipment shall have the CE Mark and will be manufactured by ISO 9001: 2008 certified companies			
WARRANTY AND SERVICE CONDITIONS			
Period: 36 months from the moment of installation			
Maximum response time: 48 hours			
INCIDENTAL SERVICES			
Installation and commissioning			
Training for medical personnel: at least 2 persons at end user location in Russian language			
Training for technical personnel: at least 2 persons at end user location in Russian language			
User manuals in English or translated into Russian language			

ITEM 16. MONITOR FOR BLOOD GAS WITH TRANSCUTANEOUS SENSOR (pO2,pCO2,SpO2)

Product Name: Monitor for blood gas with transcutaneous sensor (pO2,pCO2,SpO2)
Type / Model:

Manufacturer / Country:
European Mark: CE MARK

SPECIFICATIONS	Yes	No	Statement of compliance
CHARACTERISTICS			
Transcutaneous monitoring system pO2, Pco2, SpO2, which offers information about the ventilation and oxygenation level of the patient			
Measured parameters: - tcpO2 : 0-800 mmHg - tcpCO2: 5-100 mmHg - SpO2: 70-100% - pulse: 20-250 bpm - the heating power of the sensor: 10-650 mW			
Display color touch-screen of min 5 inches, minimum resolution 640 x 480			
Graphical, valor, charts form, curves viewing			
Automatic calibration			
Up to 48h registration of the measured data with an interval of max 4 seconds			
The possibility of viewing the curves on screen			
Audible alarm if the normal limits have been passed			
Reduced weight, flexible handle and incorporated battery are aspects which make from this monitor an ideal instrument for monitoring the patient status in any place, being portable			
Is using electrodes to determine the measured parameters			
SpO2 measuring by using a Nellcor sensors or similar			
Measuring stability for minimizing the false alarms			
The parameters can be measured together or separate so as to exist the possibility of measuring SpO2 even when the other electrodes (tcpO2, tcpCo2) are calibrated			
Can be use for adults, children and new – born too			
Starting time: max 2 minutes			
The possibility of transmitting the patient's data to the printer or PC			
Operating conditions: temperature 15 - 20°C			
Weight (including the battery): max 5 kg			
STANDARDS			
The equipment shall have the CE Mark and shall be manufactured by ISO 9001: 2000 certified company			
WARRANTY AND SERVICE CONDITIONS			
Warranty 36 months from installation and putting into service			
Maximum response time at beneficiary site: 72 Hours			
INCIDENTAL SERVICES			
Transportation up to the beneficiary Installation and putting into service			
Training for at least 2 tehnical personnel el on site at beneficiary location in Russian language			
Training for at least 2 medical personnel on site at beneficiary location in Russian language			
User manual in English or translated into Russian language			

ITEM 17. AUTOMATIC BIOCHEMISTRY ANALYZER

Product Name: AUTOMATIC BIOCHEMISTRY ANALYZER
Type / Model:
Manufacturer / Country:
European Mark: CE MARK

SPECIFICATIONS	YES	NO	Statement of Compliance
CHARACTERISTICS			
Automatic biochemistry analyzer for determinations of substances, enzymes, specific proteins, electrolytes from serum, urine, L and hemolytic			
Configured complete with computer and monitor incorporated screen – touch			
Separated arms for samples and reagents			
The sample needle is provided with level sensor, clot and shock sensor, and the reagent needle is provided with level sensor and is preheate			
Does not depend of water station; water consumption < 2,1 l/h			
Optical system: - tungsten halogen lamp 12 V 20 W - 8 wavelengths selectable from 340 – 700 nm;			
Analysis methods: colourimetry, turbidimetry, potentiometry: direct from serum and plasma and indirect from urina, kinetic, end – point mono- and bireagent mono- and dichromatic, two – points, with sample blank and reagent blank, tests calculation from other measured tests.			
Calibration methods: factor, slope average, linear regression, linear interpolation, LOGIT/LOG4, LOGIT/LOG5, exponential with 5 to 8 standards with the possibility of serial or direct dilutions.			
Possibility of continuous loading			
Possibility of programming the samples in STAT mode (emergency) with prior access and immediate execution			
Sample volume: 2-45 µL			
Reagent volume: 20-350 µL			
Reaction sample: 120-450 µL			
Loading capacity: **Samples: min** 10 (+1) positions for samples (which can be primary tubes, pediatric cups or tubes for samples), with separate positions for calibrators and control serums; **Reagents: min** 10 positions for min 10 parameters (single or dual)			
Refrigeration unit for samples and reagents			
The reagents management: tests indicator, automatic checking of the reagents level			
Automatic identification of the samples by integrated bar code			
Reaction system: - Capacity: min 2 racks of 80 cuvettes of single use - Automatic loading			
Provided with waste container for cuvettes and contaminated fluids			
Dilution factor: from 1 at 3062			
Mixing system provided with rotary paddle which ensure o good homogenization during mixing; 6 mixing speed steps			
Bidirectional transmission, possibility of the data storage in archive and the possibility of its depletion through USB port			
Consumables			
. The offer should include reactive and consumables for a period of 12 months for -150 samples/month/ for the following analysis: Total bilirubin, Direct bilirubin, Calcium, Glucoze, Creatinine, Total protein, Ureea, CRP -100 sample /months / for the following analysis ALT,AST,GGT,LDH,			

SPECIFICATIONS	YES	NO	Statement of Compliance
--50 sample /months / for the following analysis Cholesterol, HDL Direct, LDH Direct, Trigliceride, Iron The delivery of all consumables should be done periodically at request within the validity period of time.			
The equipment shall have the CE Mark and shall be manufactured by ISO 9001: 2000 certified company			
WARRANTY AND SERVICE CONDITIONS			
Warranty term: minimum 36 months from installation and putting into service, certified by certificate of acceptance			
INCIDENTAL SERVICES			
Transportation up to the beneficiary			
Installation and putting into service			
Training for at least 2 medical personnel on site at beneficiary location in Russian language			
Training for at least 2 technical personnel on site at beneficiary location in Russian language			
User manual in English or translated into Russian language			

ITEM 18. HOT AIR STERILIZIATION

Product Name: Hot air sterilization
Type / Model:
Manufacturer / Country:
European Mark: CE MARK

SPECIFICATIONS	yes	no	STATEMENT OF COMPLIANCE
TECHNICAL CHARACTERISTICS			
Hot air sterilizer with chamber volume: min 50 liters			
Chamber made from stainless steel			
Door with lateral opening with handling for safety against the accidental opening			
Selected programs for sterilization, heating or drying of materials			
Min 3 working programs			
Ventilation air system in spiral way to assure the temperature in chamber			
Control panel and LED display			
Display of temperature and time			
Indication of the already done and curent sterilization phase			
RS 232 – interface for printer or PC – communication			
Acoustic alarm for over take of programed temperature or other error			
Precise control of the sterilization cycle parameters with microprocessor			
Delayed heating start and stop function			
Temperature sensor			
Chrome plated trays – 2 pcs.			
Working temperature: at least from 10^0C above ambient to 250^0C			
Time required to reach 250^0C: max 60 min			
Weight: max 75 kg			
Power :			
Maxim power consumption: 1.5 kW			
Power supply: 220 VAC, 50 Hz			
STANDARDS			
The equipment shall have the CE Mark and shall be manufactured by ISO 9001: 2000 certified companies			
WARRANTY AND SERVICE CONDITIONS			
Period : at least 36 months			
Maximum response time : 48 hours			
INCIDENTAL SERVICES			
Installation			
Training for medical personnel: at least 2 persons at the end user location in Russian language			
Training for technical personnel: at least 2 persons at the end user location in Russian language			
User manuals in English or translated into Russian			

Annex VII.

BID SUBMISSION FORM

To: **UNDP Moldova,**
131, 31 August 1989 Street, MD-2012 Chisinau, Republic of Moldova
Attention: Registry Office/Procurement

Dear Sir / Madam,

Having examined the Bidding Documents, the receipt of which is hereby duly acknowledged, we, the undersigned, offer to supply and deliver [*description of goods]* in conformity with the said bidding documents for the sum of [*total bid amount in words and figures]* as may be ascertained in accordance with the Price Schedule attached herewith and made part of this Bid.

We undertake, if our Bid is accepted, to deliver the goods in accordance with the delivery schedule specified in the Schedule of Requirements.

We agree to abide by this Bid for a period of [number] days from the date fixed for opening of Bids in the Invitation to Bid, and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

We understand that you are not bound to accept any Bid you may receive.

Dated this . . . . .day of . . . . .[*year*].

. . . .

Signature [*in the capacity of*]

Duly authorised to sign the Bid for and on behalf of . . . .

Annex VIII.

PRICE SCHEDULE

1. The Price Schedule must provide a detailed cost breakdown for each item.

2. Technical descriptions for each proposed item must provide sufficient detail to allow the Purchaser to determine compliance of Bid with specifications as per Schedule of Requirements and Technical Specifications of this ITB.

3. Estimated weight/volume of the consignment must be part of the documentation submitted.

4. All prices/rates quoted must be exclusive of all taxes, since the United Nations, including its subsidiary organs, is exempt from taxes.

5. The format shown on the following pages should be used in preparing the Price Schedule. The format uses a specific structure which may or may not be applicable but are indicated to serve as examples.

6. In addition to the hard copy, if possible please provide also the information on CD-ROM disc.

Name of Bidder:……..

Item	Description	Unit	Unit Price *	Quantity Required	Total Price per item
GRAND TOTAL					

- *Unit price should be based on Incoterms used i.e. FOB/FCA/C&P/C&F/DU as the case may be.
- Note: In case of discrepancy between unit price and total, the unit price shall prevail.

Signature of Bidder ……..