

Invitation to Bid

Ref. no. ITB 10/00161

Date: 13 May 2010

**Subject: ItB for Integrated Solution for Server Cluster and Storage /Parliament Project/
UNDP Moldova**

Dear Sir/Madam,


1. We hereby solicit your bid for the supply of **Servers, Storage System and Supporting Hardware and Software** as per the Schedule of Requirements (Annex V) and Technical Specifications (Annex VI).
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: Sergiu Galitchi, Project Officer
Name of Project: "Support to Parliamentary Development in Moldova"
E-Mail: sergiu.galitchi@undp.org

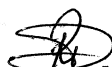
UNDP Moldova will organise on its premises a pre-bidding conference on **25 May 2010 at 10:00**. Representatives of all interested applicants are invited to attend. To confirm participation, please, send a message to sergiu.galitchi@undp.org by COB on **24 May 2010**.
4. Bids must be delivered to UNDP Moldova office on or before **11:00 (Moldova local time)** on **14 June 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 **14 June 2010 at 12:00 (Moldova local time)**.
6. This letter is not to be construed in any way as an offer to contract with your firm.

Sincerely,



Matilda Dimovska
Deputy Resident Representative



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 10 days 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 10 days 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 authorised 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 – NOT REQUIRED

- (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 authorised 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: "ITB for Integrated Solution for Server Cluster and Storage /Parliament Project/ UNDP Moldova", and a statement: "DO NOT OPEN BEFORE 12:00 hours on 14 June 2010".

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.	Compliance with pricing conditions set in the ITB.
2.	Compliance of offered equipment with the technical specifications.
3.	Proof that offered goods are in compliance with compulsory requirements (norms and standards) for such type of equipment.
4.	Compliance with Special and General Conditions specified by these Solicitation Documents.
5.	Compliance with start-up, delivery or installation deadlines set by the procuring entity. (delivery time not to exceed 6 calendar weeks)
6.	Demonstrated ability to comply with critical provisions such as execution of the Purchase Order by honouring the tax-free status of the UN.
7.	Demonstrated ability to honour important responsibilities and liabilities allocated to Supplier in this ITB regarding warranty, post-warranty and/or after-sales service conditions (including the service network).
8.	Proof of a local after-sales service capacity and appropriateness of service network.
9.	Proof of previous experience with projects of similar nature.

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.

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	<input checked="" type="checkbox"/> English <input type="checkbox"/> French <input type="checkbox"/> Spanish <input type="checkbox"/> Other:
Bid Price	The prices quoted shall be as per following INCOTERMS 2000 and place: <input type="checkbox"/> FOB <input type="checkbox"/> FCA <input type="checkbox"/> CPT <input checked="" type="checkbox"/> DDU Place: Chisinau, Republic of Moldova
Documents Establishing Bidder's Eligibility & Qualifications	<input checked="" type="checkbox"/> Required <input type="checkbox"/> Not required
Bid Validity Period	<input checked="" type="checkbox"/> 120 days <input type="checkbox"/> Other:
Bid Security	<input type="checkbox"/> Required <input checked="" type="checkbox"/> Not required
Preliminary Examination – completeness of bid	<input type="checkbox"/> Partial bids permitted <input checked="" type="checkbox"/> Partial bids not permitted
Purchaser's Right to Vary Requirements at Time of Award	<input checked="" type="checkbox"/> 15 percent, increase or decrease remain unchanged <input type="checkbox"/> Condition waived <input type="checkbox"/> 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 10 (ten) working days before the Deadline for Submission of bids. Bidders are encouraged to raise queries as early as possible.

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.

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	
<input checked="" type="checkbox"/> Applies <input type="checkbox"/> Does not apply	If, within 12 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. (Please, see Schedule of Requirements, Annex V, for exceptions)
Liquidated damages	
<input checked="" type="checkbox"/> Applies <input type="checkbox"/> 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	
<input type="checkbox"/> Applies <input checked="" type="checkbox"/> 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?	
<input checked="" type="checkbox"/> Applies (See Annex V Schedule of Requirements) <input type="checkbox"/> Does not apply	

SCHEDULE OF REQUIREMENTS

Scope: UNDP Moldova is inviting bids for the supply of an **Integrated Solution for Server Cluster and Storage (one single LOT, consisting of twelve items)**, as per Technical Specifications presented in Annex VI. Unless indicated otherwise, all parameters in the Technical Specifications indicate the minimum requirements. Offered equipment that does not comply with the minimum requirements shall be disqualified.

Delivery period: UNDP Moldova is looking for a maximum delivery (including installation and commissioning) time of *6 calendar weeks* after contract signing.

Delivery terms: DDU Chisinau, Moldova (INCOTERMS 2000)

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 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.

Warranty period for items III, VI, VII, X and XI, listed in Annex VI Technical Specifications, shall be minimum 12 months and for items I, II, IV, V, VIII and IX – 36 months, respectively.

After-sales service: Proposed solution shall have official manufacturers' warranty for all Hardware and Software components with an authorized local service centre.

Execution capacity: The Bidder should propose all Hardware and Software features and services necessary for the successful start-up of the system on-site. System shall be assembled, OS installed and a test system start-up performed on-site by the Offeror.

Supplier Qualifications:

Profile of the company: offerors shall give a brief description of the company including copy of company registration documents;

Details of years in business: a minimum of three years experience in supply of equipment is required;

Local Dealer/Representative/Company: offerors shall provide the name of the entity in Chisinau, Moldova for installation and system start-up services, warranty/guarantee repair, maintenance, etc;

Financial capacity of company: Offerors shall provide copy of the company's financial balance sheet for the last fiscal year, in order to prove its financial health and provide reasonable assurance whether it can pay off its financial obligations. Based on provided documents, the quick ratio (ratio between the company's liquid assets and its current liabilities) shall be calculated in order to evaluate the financial health of the Offeror. A quick ratio lower than 1 shall be grounds to disqualify the Offeror.

Packaging: Please refer to Annex III General Terms and Conditions (clause 6) for the minimum packaging 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.

Reselling of goods: Bidders shall confirm their authorization to resell proposed products.

Payment terms: Goods purchased will be paid through bank transfer to given account, within 30 days upon delivery and submission of supply invoice.

Please, note that all UNDP purchases are customs duties and tax exempted.

TECHNICAL SPECIFICATIONS

A. General Hardware (HW) and Software (SW) Requirements for server cluster and storage:

New HW infrastructure solution should have the following architecture:

- Standard and upgradeable – easy to add and expand new processing, storage, I/O, etc. capacities
- High-available and redundant for the major components; cluster-ready
- Support multi-platform solutions based on Windows, Linux
- Support open industry standards for connectivity (8/4Gbps Fibre Channel, Gigabit and 10Gbps Ethernet)
- Support for virtualization solutions from Microsoft and VMWare.

Electric Current Characteristics:

Nominal Voltage, V: 220

Frequency, Hz: 50

Plug: type F ("Schuko")

B. Specific HW and SW Requirements

ITEM #	ITEM DESCRIPTION	REQUIRED SPECIFICATION	QTY
I	MAIN SERVER		2
	Form Factor:	Rack mount; 4U; Sliding rails and cable management arm	
	CPU:	Four similar to Intel Xeon Six-Core Processor E7540 2.GHz	
	RAM:	32GB (8x4GB) PC3-8500 DDR3 1066MHz RDIMM RAM; Advanced ECC; 64 memory slots max.	
	HDD:	Two 146GB 2.5"Hot-Swap 10K 6Gbps SAS; Eight disk bays	
	Internal RAID:	RAID 0, 1	
	PCI Slots	Four available PCI Express slots, incl. one x16	
	Ports:	At least one front and one internal USB ports	
	Host Bus Adapters:	Two 8Gbps Single-Port FC HBA Adapters	
	LAN:	Four Gigabit Ethernet ports; load balancing and failover	
	Optical drive:	DVD-RW	
	Systems Management:	Full Remote Management (graphical console over LAN) Integrated Systems Management Processor; Systems Management SW included	
	High Availability Features:	Redundant hot-swap power supplies, fans Predicted Failure Analysis for critical components: HDD, power supplies, fans, memory, processor)	
	Security:	Trusted Platform Module (TPM) 1.2 Chip	
Supported OS:	Windows, Linux, VMware		
Warranty :	Three years onsite		
II	STORAGE SYSTEM		1
	Form-factor:	Rack-mountable	
	Controller Type:	Dual-active Hot-Swap RAID controllers	
	Cache	2GB; battery-backed; data dedicated	
	RAID Levels Supported	0, 1, 10, 3, 5, 6	
	Host Interface:	Four 8Gbps FC	
	Max. Capacity:	At least 100 HDDs	
	Drives installed:	Six 2TB 7.2K SATA hot-swap disks in RAID-6 Nine 450GB 4Gbps 15K FC hot-swap disks in RAID-5 plus one hot-spare disk	
	Availability Features	Switched backplane architecture Load balancing and Path failover feature to be included Redundant Power Supplies Cache destaging to flash drive	
	Partitioning	Min 4 storage partitions installed	
	Advanced Copy Features	Support for optional synchronous and asynchronous remote copy and instant local copy	
	OS Support	Support for Windows Server to be included; optional support for Linux, VMware, UNIX	
	Storage Management	Storage Management SW to be included	
	Warranty:	Three years onsite	

ITEM #	ITEM DESCRIPTION	REQUIRED SPECIFICATION	QTY
III.	SAN SWITCHES		2
	Form Factor:	Rack mount	
	Total number of ports:	Twenty four	
	Enabled ports:	Eight ports; Eight 8Gbps SFPs; Support for 4Gbps speed	
	Management:	Web management tools	
	FC Cables:	Eight 5m LC-LC FC cables	
	Warranty:	One year onsite	
IV.	BACKUP SERVER		1
	Form Factor:	Rack mount; 1U; Sliding rails and cable management arm	
	CPU:	One similar to Intel Xeon Quad-Core Processor E5506 2.13GHz, expandable to two processors	
	RAM:	12GB (3x4GB) DDR3 1333MHz RDIMM RAM; Advanced ECC; Eighteen memory slots max.	
	HDD:	Two 300GB 2.5"Hot-Swap 10K 6Gbps SAS; Eight disk bays	
	Internal RAID:	RAID 0, 1	
	PCI Slots	One available PCI Express slot	
	Ports:	At least one front and one internal USB ports	
	Host Bus Adapters:	8Gbps Dual-Port FC HBA Adapter	
	LAN:	Two independent Gigabit Ethernet ports with load balancing and failover	
	Optical drive:	DVD-RW	
	Systems Management:	Full Remote Management (graphical console over LAN) Integrated Systems Management Processor; Systems Management SW included	
	High Availability Features	Redundant hot-swap power supplies, fans Predicted Failure Analysis for critical components: HDD, power supplies, fans, memory, processor)	
	Security:	Trusted Platform Module (TPM) 1.2 Chip	
Supported OS:	Windows, Linux, VMware		
	Warranty :	Three years onsite	
V.	BACKUP DEVICE		1
	Form Factor:	Rack mount	
	Device Type:	LTO Tape Library	
	Host Interface:	8Gbps Fibre Channel	
	Number of Drives:	Two LTO-5	
	Max. Number of Tape Drives:	Four	
	Max. Tape Cartridge Capacity:	Forty eight	
	High Availability Features	Path failover	
	Encryption	Support for optional transparent LTO encryption	
	Power Supplies	Dual redundant	
	Media:	Twenty five LTO-5 data cartridges, labeled; Two cleaning cartridges	
	OS Support	Native device driver support for Windows Server, Red Hat Linux and UNIX	
	Storage Management	Bar-code reader Web-based remote management	
		Warranty:	Three years on-site
VI.	BACKUP SW		1
	Architecture:	To run on a backup server (Item IV), operating system: Windows 2008 Server Standard Backup device: LTO Library (Item V) Backup source systems: 8 Virtual (MS Hyper-V) Windows 2008 Servers Enterprise 2x SQL Servers, 1x Exchange Server, 1x Sharepoint Services running on two physical servers (Item I);	
	Functionality:	Backup and recovery management Disk-to-tape, disk-to-disk, disk-to-disk-to-tape backups	

ITEM #	ITEM DESCRIPTION	REQUIRED SPECIFICATION	QTY
		Integration with MS SQL Server, Exchange Server and Sharepoint Services for online backup Support for incremental backups Policies-based archiving Data retention tools Optional automatic tools for planning the disaster recovery	
	Security:	Online data encryption between client and Server Integration with LTO tape built-in encryption Data shredding functionality	
	SW Maintenance:	One year	
VII.	ETHERNET SWITCHES		2
	Form Factor:	Rack mount	
	Powers Supplies	Dual redundant	
	Ports:	Forty eight Ethernet 1Gb RJ45 ports, including 4 dual-purpose (RJ45 or SFP), optional two 10Gb Ethernet ports	
	Switch fabric:	136Gbps	
	Forward rate:	101Mpps	
	Management:	Web Management GUI; CLI, SNMP up to v3; RMON	
	Functionality:	IEEE 802.1d (STP), 802.1w (RSTP), 802.1s (MSTP) Single Spanning Tree Protocol (SSTP), PVST/PVST+, and Topology Groups IEEE 802.1q (VLAN tagging) IEEE 802.1p (Class of Service Prioritization) IEEE 802.1ad (Link Aggregation Control Protocol) IEEE 802.1x (Port Security) IGMPv1/v2/v3, PIM-SM & MLDv1/v2 snooping Policy controlled MAC-based VLANs MAC Learning Disable Port-based Access Control Lists BPDU Guard, Root Guard MAC-Layer Filtering Port Mirroring Uni-Directional Link Detection (UDLD) Auto MDI/MDIX Dynamic Voice VLAN Assignment Jumbo Frames up to 10,240 bytes IGMP Snooping Port Loop Detection Routed Interfaces IPv4 Static Routes DHCP and Bootp Relay QoS Queue Management using Weighted Round Robin (WRR), Strict Priority (SP) Inbound rate limiting per port ACL-based inbound rate limiting and traffic policies Outbound rate limiting per port and per queue Broadcast, multicast and unknown unicast rate limiting	
	Optional features:	Support for optional Class 3 (15.4W) Power over Ethernet (PoE) for 48 ports, Upgradable to RIP v1/v2, OSPF v2,	
	Warranty:	One year onsite	
VIII.	RACK INFRASTRUCTURE		1
	Rack:	Industry standard (EIA 310) 19" 42U Rack; Depth min. 1000mm; Perforated front and rear doors Min. 6 side compartments; Room for cable management	
	Console:	1U 17" TFT Rack Console; Keyboard with pointing device	
	Console Switch:	8 host ports; 8 sets of cables	
	PDU:	Two PDUs: input C19, output 7x C13 each	

ITEM #	ITEM DESCRIPTION	REQUIRED SPECIFICATION	QTY
	Warranty:	Three years onsite	
IX.	UPS		2
	Form Factor:	Rack mount	
	Capacity:	4500W/5000VA	
	Functionality:	Hot-swappable batteries; Support for optional additional batteries; Ethernet network management card; Temperature sensor	
	Management SW:	To be included	
	Power outlets:	Two C19, eight C13	
	Warranty:	Three years onsite	
X.	INTRUSION PREVENTION SYSTEM		1
	Form Factor:	Rack mount	
	Number of ports:	6 x 1Gb Ethernet	
	High Availability:	Yes! Two appliance should be included	
	Features:	IPS Stateful firewall, Ipsec and WEB VPN, Antivirus, spyware detection Antispam filtering Web content filtering	
	Performance:	Max. Firewall + IPS throughput – 450Mbps	
	Warranty:	One year hardware, software and signature updates	
XI.	ENDPOINT SECURITY SOLUTION		1
	<i>Clients number</i>	300	
	Features:	Intruder Prevention, Personal firewall, Antivirus, spyware detection, Application control, Automatic updates, Centralized Management System Support for Windows XP, Vista, Windows 7	
	Warranty:	One year software and signature updates	
XII.	SOFTWARE LICENSES		
		Microsoft Windows Server Enterprise 2008 R2 Eng., Open License, with media-kit	2
		Microsoft Windows Server Standard 2008 R2 Eng., Open License, with media-kit	1
		Microsoft Windows Server CAL 2008, Open License	295
		Microsoft SQL Server Standard Eng., License+Software Assurance Pk, 1 Processor (per CPU license), Open License, with media-kit	2
		Microsoft Exchange Server 2010 Standard, Open License, with media-kit	1
		Microsoft Exchange 2010 Standard CAL	295

BID/PROPOSAL 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 "Integrated Solution for Server Cluster and Storage /Parliament Project/ UNDP Moldova" 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 120 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 thisday of[year].

.....
Signature

.....
[in the capacity of]

Duly authorised to sign the Bid for and on behalf of

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. All prices quoted shall be in US Dollars and shall be exclusive of all direct taxes, since the United Nations, including its subsidiary organs, is exempt from taxes. Other currencies shall be converted into USD at the UN Operational exchange rate on the day of competition deadline.
4. 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.

Name of Bidder

ITEM #	ITEM DESCRIPTION	REQUIRED SPECIFICATION	UNIT PRICE *	QUANTITY REQUIRED	TOTAL PRICE PER ITEM
I	MAIN SERVER			2	
	Form Factor:	Rack mount; 4U; Sliding rails and cable management arm	OFFERED SPECIFICATION		
	CPU:	Four Intel Xeon Six-Core Processor E7540 2.GHz	<i>Please, include detailed specification of offered equipment here.</i>		
	RAM:	32GB (8x4GB) PC3-8500 DDR3 1066MHz RDIMM RAM; Advanced ECC; 64 memory slots max.			
	HDD:	Two 146GB 2.5"Hot-Swap 10K 6Gbps SAS; Eight disk bays			
	Internal RAID:	RAID 0, 1			
	PCI Slots	Four available PCI Express slots, incl. one x16			
	Ports:	At least one front and one internal USB ports			
	Host Bus Adapters:	Two 8Gbps Single-Port FC HBA Adapters			
	LAN:	Four Gigabit Ethernet ports; load balancing and failover			
	Optical drive:	DVD-RW			
	Systems Management:	Full Remote Management (graphical console over LAN) Integrated Systems Management Processor; Systems Management SW included			

ITEM #	ITEM DESCRIPTION	REQUIRED SPECIFICATION	UNIT PRICE *	QUANTITY REQUIRED	TOTAL PRICE PER ITEM
	High Availability Features:	Redundant hot-swap power supplies, fans Predicted Failure Analysis for critical components: HDD, power supplies, fans, memory, processor)			
	Security:	Trusted Platform Module (TPM) 1.2 Chip			
	Supported OS:	Windows, Linux, VMware			
	Warranty :	Three years onsite			
Total Price, Item I					
II	STORAGE SYSTEM			1	
	Form-factor:	Rack-mountable	OFFERED SPECIFICATION <i>Please, include detailed specification of offered equipment here.</i>		
	Controller Type:	Dual-active Hot-Swap RAID controllers			
	Cache	2GB; battery-backed; data dedicated			
	RAID Levels Supported	0, 1, 10, 3, 5, 6			
	Host Interface:	Four 8Gbps FC			
	Max. Capacity:	At least 100 HDDs			
	Drives installed:	Six 2TB 7.2K SATA hot-swap disks in RAID-6 Nine 450GB 4Gbps 15K FC hot-swap disks in RAID-5 plus one hot-spare disk			
	Availability Features	Switched backplane architecture Load balancing and Path failover feature to be included Redundant Power Supplies Cache destaging to flash drive			
	Partitioning	Min 4 storage partitions installed			
	Advanced Copy Features	Support for optional synchronous and asynchronous remote copy and instant local copy			
	OS Support	Support for Windows Server to be included; optional support for Linux, VMware, UNIX			
Storage Management	Storage Management SW to be included				
Warranty:	Three years onsite				
Total Price, Item II					
III.	SAN SWITCHES			2	
	Form Factor:	Rack mount	OFFERED SPECIFICATION <i>Please, include detailed specification of offered equipment here.</i>		
	Total number of ports:	Twenty four			
	Enabled ports:	Eight ports; Eight 8Gbps SFPs; Support for 4Gbps speed			
Management:	Web management tools				

ITEM #	ITEM DESCRIPTION	REQUIRED SPECIFICATION	UNIT PRICE *	QUANTITY REQUIRED	TOTAL PRICE PER ITEM
	FC Cables:	Eight 5m LC-LC FC cables			
	Warranty:	One year onsite			
Total Price, Item III					
IV.	BACKUP SERVER			1	
	Form Factor:	Rack mount; 1U; Sliding rails and cable management arm	OFFERED SPECIFICATION		
	CPU:	One Intel Xeon Quad-Core Processor E5506 2.13GHz, expandable to two processors	<i>Please, include detailed specification of offered equipment here.</i>		
	RAM:	12GB (3x4GB) DDR3 1333MHz RDIMM RAM; Advanced ECC; Eighteen memory slots max.			
	HDD:	Two 300GB 2.5"Hot-Swap 10K 6Gbps SAS; Eight disk bays			
	Internal RAID:	RAID 0, 1			
	PCI Slots	One available PCI Express slot			
	Ports:	At least one front and one internal USB ports			
	Host Bus Adapters:	8Gbps Dual-Port FC HBA Adapter			
	LAN:	Two independent Gigabit Ethernet ports with load balancing and failover			
	Optical drive:	DVD-RW			
	Systems Management:	Full Remote Management (graphical console over LAN) Integrated Systems Management Processor; Systems Management SW included			
	High Availability Features:	Redundant hot-swap power supplies, fans Predicted Failure Analysis for critical components: HDD, power supplies, fans, memory, processor)			
	Security:	Trusted Platform Module (TPM) 1.2 Chip			
	Supported OS:	Windows, Linux, VMware			
	Warranty :	Three years onsite			
Total Price, Item IV					
V.	BACKUP DEVICE			1	
	Form Factor:	Rack mount	OFFERED SPECIFICATION		
	Device Type:	LTO Tape Library	<i>Please, include detailed specification of offered equipment here.</i>		
	Host Interface:	8Gbps Fibre Channel			
	Number of Drives:	Two LTO-5			
	Max. Number of Tape	Four			

ITEM #	ITEM DESCRIPTION	REQUIRED SPECIFICATION	UNIT PRICE *	QUANTITY REQUIRED	TOTAL PRICE PER ITEM
	Drives:				
	Max. Tape Cartridge Capacity:	Forty eight			
	High Availability Features:	Path failover			
	Encryption	Support for optional transparent LTO encryption			
	Power Supplies	Dual redundant			
	Media:	Twenty five LTO-5 data cartridges, labeled; Two cleaning cartridges			
	OS Support	Native device driver support for Windows Server, Red Hat Linux and UNIX			
	Storage Management	Bar-code reader Web-based remote management			
	Warranty:	Three years on-site			
Total Price, Item V					
VI.	BACKUP SW			1	
	Architecture:	To run on a backup server (Item IV), operating system: Windows 2008 Server Standard Backup device: LTO Library (Item V) Backup source systems: 8 Virtual (MS Hyper-V) Windows 2008 Servers Enterprise 2x SQL Servers, 1x Exchange Server, 1x Sharepoint Services running on two physical servers (Item I);	OFFERED SPECIFICATION		
	Functionality:	Backup and recovery management Disk-to-tape, disk-to-disk, disk-to-disk-to-tape backups Integration with MS SQL Server, Exchange Server and Sharepoint Services for online backup Support for incremental backups Policies-based archiving Data retention tools Optional automatic tools for planning the disaster recovery	<i>Please, include detailed specification of offered equipment here.</i>		
	Security:	Online data encryption between client and Server Integration with LTO tape built-in encryption Data shredding functionality			

ITEM #	ITEM DESCRIPTION	REQUIRED SPECIFICATION	UNIT PRICE *	QUANTITY REQUIRED	TOTAL PRICE PER ITEM
	SW Maintenance:	One year			
Total Price, Item VI					
VII.	ETHERNET SWITCHES			2	
	Form Factor:	Rack mount	OFFERED SPECIFICATION		
	Powers Supplies	Dual redundant	<i>Please, include detailed specification of offered equipment here.</i>		
	Ports:	Forty eight Ethernet 1Gb R45 ports, including 4 dual-purpose (RJ45 or SFP), optional two 10Gb Ethernet ports			
	Switch fabric:	136Gbps			
	Forward rate:	101Mpps			
	Management:	Web Management GUI; CLI, SNMP up to v3; RMON			
	Functionality:	IEEE 802.1d (STP), 802.1w (RSTP), 802.1s (MSTP) Single Spanning Tree Protocol (SSTP), PVST/PVST+, and Topology Groups IEEE 802.1q (VLAN tagging) IEEE 802.1p (Class of Service Prioritization) IEEE 802.1ad (Link Aggregation Control Protocol) IEEE 802.1x (Port Security) IGMPv1/v2/v3, PIM-SM & MLDv1/v2 snooping Policy controlled MAC-based VLANs MAC Learning Disable Port-based Access Control Lists BPDU Guard, Root Guard MAC-Layer Filtering Port Mirroring Uni-Directional Link Detection (UDLD) Auto MDI/MDIX Dynamic Voice VLAN Assignment Jumbo Frames up to 10,240 bytes IGMP Snooping Port Loop Detection Routed Interfaces IPv4 Static Routes DHCP and Bootp Relay QoS Queue Management using Weighted Round Robin (WRR), Strict Priority (SP) Inbound rate limiting per port			

ITEM #	ITEM DESCRIPTION	REQUIRED SPECIFICATION	UNIT PRICE *	QUANTITY REQUIRED	TOTAL PRICE PER ITEM
		ACL-based inbound rate limiting and traffic policies Outbound rate limiting per port and per queue Broadcast, multicast and unknown unicast rate limiting			
	Optional features:	Support for optional Class 3 (15.4W) Power over Ethernet (PoE) for 48 ports, Upgradable to RIP v1/v2, OSPF v2,			
	Warranty:	One year onsite			
Total Price, Item VII					
VIII.	RACK INFRASTRUCTURE			1	
	Rack:	Industry standard (EIA 310) 19" 42U Rack; Depth min. 1000mm; Perforated front and rear doors Min. 6 side compartments; Room for cable management	OFFERED SPECIFICATION		
	Console:	1U 17" TFT Rack Console; Keyboard with pointing device	<i>Please, include detailed specification of offered equipment here.</i>		
	Console Switch:	8 host ports; 8 sets of cables			
	PDU:	Two PDUs: input C19, output 7x C13 each			
	Warranty:	Three years onsite			
Total Price, Item VIII					
IX.	UPS			2	
	Form Factor:	Rack mount	OFFERED SPECIFICATION		
	Capacity:	4500W/5000VA	<i>Please, include detailed specification of offered equipment here.</i>		
	Functionality:	Hot-swappable batteries; Support for optional additional batteries; Ethernet network management card; Temperature sensor			
	Management SW:	To be included			
	Power outlets:	Two C19, eight C13			
	Warranty:	Three years onsite			
Total Price, Item IX					
X.	INTRUSION PREVENTION SYSTEM			1	
	Form Factor:	Rack mount	OFFERED SPECIFICATION		

ITEM #	ITEM DESCRIPTION	REQUIRED SPECIFICATION	UNIT PRICE *	QUANTITY REQUIRED	TOTAL PRICE PER ITEM
	Number of ports:	6 x 1Gb Ethernet	<i>Please, include detailed specification of offered equipment here.</i>		
	High Availability:	Yes! Two appliance should be included			
	Features:	IPS Stateful firewall, Ipsec and WEB VPN, Antivirus, spyware detection Antispam filtering Web content filtering			
	Performance:	Max. Firewall + IPS throughput – 450Mbps			
	Warranty:	One year hardware, software and signature updates			
Total Price, Item X					
XI.	ENDPOINT SECURITY SOLUTION			1	
	<i>Clients number</i>	300	OFFERED SPECIFICATION		
	Features:	Intruder Prevention, Personal firewall, Antivirus, spyware detection, Application control, Automatic updates, Centralized Management System Support for Windows XP, Vista, Windows 7	<i>Please, include detailed specification of offered equipment here.</i>		
	Warranty:	One year software and signature updates			
Total Price Item XI					
XII.	SOFTWARE LICENSES				
		Microsoft Windows Server Enterprise 2008 R2 Eng., Open License, with media-kit		2	
		Microsoft Windows Server Standard 2008 R2 Eng., Open License, with media-kit		1	
		Microsoft Windows Server CAL 2008, Open License		295	
		Microsoft SQL Server Standard Eng., License+ Software Assurance Pk, 1 Processor (per CPU license), Open License, with media-kit		2	
		Microsoft Exchange Server 2010 Standard, Open License, with media-kit		1	
		Microsoft Exchange 2010 Standard CAL		295	

ITEM #	ITEM DESCRIPTION	REQUIRED SPECIFICATION	UNIT PRICE *	QUANTITY REQUIRED	TOTAL PRICE PER ITEM
<i>Total Price, Item XII</i>					
GRAND TOTAL					

- *Unit price should be based on Incoterms used i.e. **DDU Chisinau, Moldova**
- Note: In case of discrepancy between unit price and total, the unit price shall prevail.

Signature of Bidder