

# REQUEST FOR QUOTATION (RFQ) RFQ-YEM-0061-2016 Supply and Install Balancer Device and firewall Software

DATE: 26 September, 2016.

REFERENCE: RFQ-YEM-0061-2016

Dear Sir / Madam:

We kindly request you to submit your quotation for **Supply and Install Balancer Device and firewall Software for UNDP- Sana'a Office** as detailed in Annex 1. of this RFQ. When preparing your quotation, please be guided by the form attached hereto as Annex 1.

Quotations may be submitted on or before 06-October -2016 At 2 pm local time Sana'a, Yemen to the address below:

#### **United Nations Development Programme**

Siteen Street near to Ministry of Human Rights P.O Box 551 Sana'a, Republic of Yemen Attn. Samira Alfarah, Procurement Analyst Telephone: +967 1 448605 Fax: +967 1 448892

Offers proposal may be submitted electronically in PDF format to <a href="mailto:procurement.yemen@undp.org">procurement.yemen@undp.org</a>. The email shall be virus free. As the maximum size of email is 2MB, the offer may be divided into more than one email, if needed. They must be free from any form of virus or corrupted contents, or the quotations shall be rejected.

It shall remain your responsibility to ensure that your quotation will reach the address above on or before the deadline. Quotations that are received by UNDP after the deadline indicated above, for whatever reason, shall not be considered for evaluation. If you are submitting your quotation by email, kindly ensure that they are signed and in the .pdf format, and free from any virus or corrupted files.

Please take note of the following requirements and conditions pertaining to provision of the abovementioned services:

Delivery Terms [INCOTERMS]	X DAP
N/A	
Customs clearance, if needed, shall be done by:	X Supplier
Exact Address of Delivery Location.	X UNDP Office , Sana'a – Yemen
UNDP Preferred Freight Forwarder, if any <sup>1</sup>	X N/A
Distribution of shipping documents (if using freight forwarder)	X N/A
Latest Expected Delivery Date and Time	X 4-8 weeks
Implementation Work Plan & Duration of work	XN/A
Site visit for technical inquiries and pre-bid conference meeting	X N/A
	X United States Dollars
Preferred Currency of Quotation	X Yemeni Riyal according to UNDP exchange rate
Value Added Tax on Price Quotation	X Must be exclusive of VAT and other applicable indirect taxes
Deadline for the Submission of Quotation	X October 06,2016 at 2:00 pm
All documentations, including catalogs, instructions and operating manuals, shall be in this language	X English OR ARABIC
Documents to be submitted	X Duly Accomplished Form as provided in Annex 2, and in accordance with the list of requirements in Annex 1 or official Valid quotation as per annex 1; X Company profile (maximum 15 pages); X Quality Certificates (ISO, etc.) (if applicable); X Certificate of Exclusive Distributorship in the country (if applicable, and if Supplier is not the manufacturer); X Evidence/Certification of Environmental Sustainability ("Green"
	Standards) of the Company or the Product being supplied (if

<sup>&</sup>lt;sup>1</sup>Depends on INCO Terms. The suggestion to use a UNDP preferred courier is only for purposes of familiarity with procedures and documentary requirements applicable to the UNDP when clearing with customs.

	applicable;  X Patent Registration Certificates (if any of technologies submitted in the quotation is patented by the Supplier) If applicable;	
Period of Validity of Quotes starting the Submission Date	X 60 days In exceptional circumstances, UNDP may request the Vendor to extend the validity of the Quotation beyond what has been initially indicated in this RFQ. The Proposal shall then confirm the extension in writing, without any modification whatsoever on the Quotation.	
Partial Quotes	X Not permitted	
Payment Terms	X 100% upon the completion of work.	
Liquidated Damages	0.5% of contract for every day of delay, up to a maximum duration of two weeks. Thereafter, the contract may be terminated.	
Evaluation Criteria	X Technical responsiveness/Full compliance to requirements and lowest price. X Full acceptance of the PO /Contract General Terms and Conditions	
UNDP will award to:	X One Supplier	
Type of Contract to be Signed	X Purchase order.	
Conditions for Release of Payment	X written Acceptance of Balancer and firewall on full compliance with RFQ requirements.  X Original Invoice	
Annexes to this RFQ	X Specifications (Annex 1) X General Terms and Conditions / Special Conditions (Annex 2). Non-acceptance of the terms of the General Terms and Conditions (GTC) shall be grounds for disqualification from this procurement process.	
Contact Person for Inquiries	AbdulRaheem ALMEKHLAFI or Waleed AlKadri Abdulraheem.almekhlafi@undp.org OR waleed.alkadri@undp.org	
	Any delay in UNDP's response shall be not used as a reason for extending the deadline for submission, unless UNDP determines that such an extension is necessary and communicates a new deadline to the Proposers.	

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

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

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

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

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

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

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

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

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

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

Thank you and we look forward to receiving your quotation.

Sincerely yours,

Mahamed Hassan/DCD

Sep 26, 2016.

**Balancer Devise and Firewall software Specification** 

Balancer Devise and Firewa	III software Specification		
Name	Specs Required		
Conditions	* Installation should be included.  * 3 years any time support with framework and other software updates.  * 3 years warranty.  * Backup devices standby in case of failure.  * Delivery time 4- 8weeks.		
Interfaces			
GbE Ports (18 Ports)	2xRJ45 Intel 82576 (rear), 16x RJ45 Intel 82580EB (front)		
SFP (Mini GBIC) Ports	4x SFP Intel 82576EB (front)		
Redundant - HDD (Raid)	Yes		
IPMI - Remote management	Yes		
Screen	Monitoring screen to view ports status and errors		
System Performance*			
Firewall throughput (Mbps)	10,000		
VPN IPSec throughput (Mbps)	2,500		
UTM throughput (Mbps)	1,500		
IDS/IPS throughput (Mbps)	2,500		
Concurrent sessions	2,500,000		
New sessions pr. Second	30,000		
Power			
Redundant - Power supply with two fans for each power port	+		
Input Voltage (V)	AC 100-240		
Consumption (W) - full load	135		
Environmental			
Operating Temperature (°C)	10~40		
Storage Temperature (°C)	-40 ~ 65		
Relative Humidity (Non condensing)	10~85%		
Hardware Certification	CE : European Conformity FCC : Federal Communications Commission		
Feature Specifications:	Bandwidth Management and load balancer, Data Protection, Email Protection, Endpoint Security, Stopping Malware, Administration of Rights & Access Control, Secure Connection via VPN, Secure Internet Use, Ergonomic Graphic User Interface		



MANAGEMENT  Ergonomic Graphic User Interface	* Role based Firewall Administration  * SSH-CLI  * Desktop configuration saved / restored separately from backup  * Object oriented Firewall configuration  * Direct Client Update function  * ISO 9241 compliant  * Immediate visual feedback for each setting  * Self-explanatory functions  * Overview of all active services  * Overview of the whole network  * Layer and zoom function
LAN / WAN-SUPPORT	* Ethernet 10/100 MBits/s  * Gigabit  * SFP Fibre optics support  * MTU changeable (Ethernet/DSL)  * PPP-PAP, PPP-CHAP authentication  * Inactivity timeout / Forced disconnect time  * xDSL  * Multi WAN support  * WAN failover  * Loadbalancing  * Time controlled internet connections  * Manual and automatic DNS assignment  * Multiple dynDNS support  * Source based routing  * Routing protocols RIP, OSPF  * DHCP  * DMZ
VLAN	* 4094 VLAN per interface * 802.1q ethernet header tagging * Combinable with bridging
Bridge-mode	* OSI-Layer 2 firewall function  * Spanning tree (bride-ID, port-cost)  * Unlimited interfaces per bridge  * Combinable with VPN-SSL
USER AUTHENTICATION  UNIFIED THREAT MANAGEMENT	* Active Directory / OpenLDAP support * Local User database * Web-interface authentication * Windows-client authentication * Single sign on with Kerberos * Single- and Multi login * Web Landing page



Web-filter	* URL-Filter with safe search enforcement * Content Filter * Block rules up to user-level * Black-/ White lists * Import / Export of URL lists * File Extension blocking * Category based website-blocking * Self definable categories * Scan technology with online-database * Intransparent HTTP-proxy support
Application Control	* Layer 7 Packet filter (DPI)     * Filter Applications instead of ports     * Detection & Control of Skype, Bittorrent     and others as well as Web 2.0 Applications like Facebook
Antivirus	* Kaspersky Anti-Virus Engine * Complete Protection from all malware * HTTP, HTTPS * FTP, POP3, SMTP * Exceptions definable * Manual and automatic updates
Antispam	* Scan-level adjustable  * Real-time Spam Detection  * GlobalView Cloud using Recurrent Pattern Detection (RPD)  * Mail Filter  * Black- / White lists  * Automatically reject/delete emails  * AD Email address import
Intrusion Prevention	* Individual custom rules  * Security-level adjustable  * Rule groups selectable  * Exceptions definable  * Scanning of all interfaces  * DoS, portscan protection  * Malicious network packet protection
Proxies	* HTTP (transparent or intransparent)  * HTTPS  * support for Radius server, AD server, local user database  * FTP, POP3, SMTP, SIP  * Time-controlled
TRAFFIC SHAPING / QOS	* Multiple Internet connections separately shapeable  * All services separately shapeable  * Maximum and guaranteed bandwidth adjustable  * QoS with TOS-flags support  * QoS inside VPN connection support



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LOGS, REPORTS, STATISTICS	<ul> <li>Email Reporting</li> <li>Logging to multiple syslog-servers</li> <li>Logs in admin-client (with filter)</li> <li>Export to CSV-files</li> <li>IP and IP-group statistics</li> <li>Separate services</li> <li>Single user / groups</li> <li>TOP-lists (Surfcontrol)</li> <li>IDS- / Traffic-statistics</li> <li>Application Control traffic statistics</li> <li>Antivirus- / Antispam-statistics</li> <li>Defence statistics</li> </ul>			
VPN	* VPN wizard  * Certificate wizard  * Site-to-Site  * Client-to-Site (Road Warrior)  * PPTP  * Export to One-Click-Connection			
X.509 certificates	* CRL * OCSP * Multi CA support * Multi Host-cert support			
IPSec	* Tunnel mode  * IKEv1, IKEv2  * PSK / Certificates  * DPD (Dead Peer Detection)  * NAT-T  * XAUTH, L2TP			
SSL	* Routing mode VPN * Bridge mode VPN * TCP/UDP * Specify WINS- and DNS-Servers			
COMMAND CENTER	* Monitor & Active Configuration of 500+ firewalls  * Central Configuration and Monitoring of VPN  Connections  * Single and group backup  * Plan automatic backup in groups  * Single and group update & licensing  * Create configuration templates and apply on multiple firewalls  * Certificate Authority  * Certificate based 4096 bit encrypted connections to the firewalls  * Display settings of all firewalls  * Role based User Management			
HIGH AVAILABILITY	* Active-passive HA * State synchronization * Single and Multiple dedicated links support * Stateful Failover			



BACKUP & RECOVERY	Restore backup on installation     Automatic and time based backups     Automatic upload of backups on FTP- or SCP-Server
	* USB Drive recovery option
MONITORING	System Info (CPU, HDD, RAM)     network (interfaces, routing, Traffic, errors)     Processes     VPN     user Authentication
SNMP	* SNMPv2c * SNMP-traps * HA



# • FORM FOR SUBMITTING SUPPLIER'S QUOTATION

•	We, the undersigned, hereby accept in full the UNDP General Terms and Conditions, and hereby
	offer to supply the items listed below in conformity with the specification and requirements of
	UNDP as per RFQ Reference No:

# • TABLE 1: Offer to Supply Goods Compliant with Technical Specifications and Requirements

Item No.	Description/Specification of Goods	Quantity	Latest Delivery Date	Unit Price	Total Price per Item
	Total Prices of Goods <sup>2</sup>	· · · · · · · · · · · · · · · · · · ·			
	Add : Cost of Transportation				
	Add : Cost of Insurance				
	Add: Other Charges (pls. specify)				
	Total Final and All-Inclusive Price Quota	ition			

• TABLE 2: Offer to Comply with Other Conditions and Related Requirements

Other Information pertaining to our	Your Responses			
Quotation are as follows :	Yes, we will comply	No, we cannot comply	If you cannot comply, pls. indicate counter proposal	
Delivery Lead Time				
Estimated weight/volume/dimension of the Consignment:				
Country/ies Of Origin:				

- All other information that we have not provided automatically implies our full compliance with the requirements, terms and conditions of the RFQ.
- [Name and Signature of the Supplier's Authorized Person]
- [Designation]
- [Date]

 $<sup>^{2}</sup>$  Pricing of goods should be consistent with the INCO Terms indicated in the RFQ

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

#### 3. TAX EXEMPTION

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

#### 4. RISK OF LOSS

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

#### 5. EXPORT LICENCES

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

#### 6. FITNESS OF GOODS/PACKAGING

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

#### 7. INSPECTION

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

#### 8. INTELLECTUAL PROPERTY INFRINGEMENT

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

#### 9. RIGHTS OF UNDP

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

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

#### 10. LATE DELIVERY

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

#### 11. ASSIGNMENT AND INSOLVENCY

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

## 12. USE OF UNDP OR UNITED NATIONS NAME OR EMBLEM

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

# 13. PROHIBITION ON ADVERTISING

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

#### 14. CHILD LABOUR

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

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

#### 15. MINES

The Supplier represents and warrants that neither it nor any of its affiliates is actively and directly engaged in patent activities, development, assembly, production, trade or manufacture of mines or in such activities in respect of components primarily utilized in the manufacture of Mines. The term "Mines" means those devices defined in Article 2, Paragraphs 1, 4 and 5 of Protocol II annexed to the Convention on Prohibitions and Restrictions on the Use of Certain Conventional Weapons Which May Be Deemed to Be Excessively Injurious or to Have Indiscriminate Effects of 1980.

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

#### 16. SETTLEMENT OF DISPUTES

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

# 17. PRIVILEGES AND IMMUNITIES

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

### 18. SEXUAL EXPLOITATION:

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

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

#### 19.0 OFFICIALS NOT TO BENEFIT:

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

#### 20. AUTHORITY TO MODIFY:

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

# Annex 1

**Balancer Devise and Firewall software Specification** 

Balancer Devise and Firewa	ii soπware Specification	
Name	Specs Required	
Conditions	* Installation should be included.  * 3 years any time support with framework and other software updates.  * 3 years warranty.  * Backup devices standby in case of failure.  * Delivery time 4- 8weeks.	
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SFP (Mini GBIC) Ports	4x SFP Intel 82576EB (front)	
Redundant - HDD (Raid)	Yes	
IPMI - Remote management	Yes	
Screen	Monitoring screen to view ports status and errors	
System Performance*		
Firewall throughput (Mbps)	10,000	
VPN IPSec throughput (Mbps)	2,500	
UTM throughput (Mbps)	1,500	
IDS/IPS throughput (Mbps)	2,500	
Concurrent sessions	2,500,000	
New sessions pr. Second	30,000	
Power		
Redundant - Power supply with two fans for each power port	+	
Input Voltage (V)	AC 100-240	
Consumption (W) - full load	135	
Environmental		
Operating Temperature (°C)	10 ~ 40	
Storage Temperature (°C)	-40 ~ 65	
Relative Humidity (Non condensing)	10 ~ 85%	
Hardware Certification	CE : European Conformity FCC : Federal Communications Commission	
Feature Specifications:	Bandwidth Management and load balancer, Data Protection, Email Protection, Endpoint Security, Stopping Malware, Administration of Rights & Access Control, Secure Connection via VPN, Secure Internet Use, Ergonomic Graphic User Interface	