



شركة الحوسبة الصحية

***Electronic Health Solutions***

***REQUEST FOR PROPOSAL***

***Network Systems & Devices  
Support Services  
for  
EHS Sites***

**RFP Reference Number: RFP-EHS-PROC-12-2024**

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**QF-PRO-01-04**

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## Transmittal Letter

**Date: 31-JUL-2024**

**Dear Sir / Madam,**

Electronic Health Solutions “EHS” is in the process of tendering “**RFP-EHS-PROC-12-2024**” for acquiring proposals for the provision of support services for **Network Systems & Devices Support Services for EHS Sites.**

Interested companies are encouraged to submit their technical and financial proposals as per the details provided in this RFP. EHS appreciates your timely and accurate response, meanwhile, shall you have any questions please do not hesitate to contact us.

**Procurement Department**

**Tel:** +962 6 580 0461 | Ext. 3050, 3071, 3074 & 3067

**Email:** procurement@ehs.com.jo

Yours sincerely,

Electronic Health Solution

## Confidentiality Statement

This Request for Proposal (RFP) contains information proprietary to Electronic Health Solutions, hereafter referred to as "EHS". Each recipient is entrusted to maintain its confidentiality. The information contained in this RFP is provided for the sole purpose of permitting the Bidder to respond to the RFP. This information may not be reproduced in whole or in part without the expressed written permission of EHS.

The recipient shall hereby agree to keep all the information in this RFP confidential and shall not, without prior written permission of EHS, disclose this information to any person other than the employees, agents, subcontractors, and advisors who are required in the course of their duties to execute proposal preparation activities. The recipient shall undertake the responsibility that all such persons are informed of the confidential nature of the information.

No recipient of this RFP shall, without the prior consent of EHS, make any public statements to any third parties in relation to this RFP or the subsequent short-listing of any prospective implementer or the subsequent awarding of any order. Unauthorized release of information or public statements will result in immediate disqualification.

Information provided by each Bidder will be held in confidence and will be used for the sole purpose of evaluating a potential business relationship with the respective Bidder's company. There will be no obligation to maintain the confidentiality of any information that was known to EHS, prior to the receipt of a proposal from the Bidder, or due to becoming publicly known through no fault of EHS, or if received without obligation of confidentiality from a third party owing no obligation of confidentiality to the Bidders.

# Company Abstract

## Company Profile

Electronic Health Solutions (EHS) was founded in 2009 as a non-profit company. EHS is owned by the main stakeholders in health and technology sectors in the Kingdom including Ministry of Health (MoH), Ministry of Information and Communication Technology (MoICT), Royal Medical Services (RMS), King Hussein Cancer Center, King Hussein Institute for Cancer and Biotechnology, Royal Health Awareness Society and Private Hospitals Association.

Hakeem is Jordan's National Electronic Health Records (EHR) initiative by which the healthcare sector will be computerized. The program was inceptioned in October 2009.

The company's mandate is to implement Hakeem in public hospitals, Royal Medical Services sites, Universities Hospitals and King Hussein Cancer Center, in addition to healthcare centers including comprehensive clinics and primary clinics.

## Vision, Mission, Goals, and Objectives

### Vision

Transform and sustain a continuously improving healthcare system in Jordan by leveraging information technology.

### Mission

Provide a secure and accessible platform that enables the storing and sharing of electronic patient health records at all healthcare facilities enrolled in Hakeem.

### Objectives

EHS main objectives are the following:

- 1- Improve Healthcare
- 2- Reduce the Cost of healthcare services.
- 3- Provide Data for Research and Decision Making

### Benefits

- Raising healthcare quality and outcomes by enhancing the accuracy of diagnoses, medication administration, and patient information management;
- Boosting health facilities' efficiency and workflow by saving time and reducing errors in information retrieval;
- Supporting research, scientific studies and, decision-making by supplying the necessary patient data, history and statistics;
- Reducing operating costs by optimizing resource utilization and, preventing lab test repetition.

## 1. Contact Information

Any questions regarding this RFP shall be directed to the following email address in writing:

Name:	Procurement Department
Company:	Electronic Health Solutions
Address:	King Hussein Business Park, King Abdullah the second street. 4408 Amman 11952
Telephone / Fax:	Telephone +962 (6) 5800461 EXT3050, 3071Fax +962 (6) 5800466
Email:	<a href="mailto:Procurement@ehs.com.jo">Procurement@ehs.com.jo</a>

The bidder should receive a response from the procurement department, if not please call the following number +962 79 668 1595 Or Tel: +962 6 5800461 | Ext: 3050, 3071.

For Review Only NOT For Bid

## 2. General Conditions

Upon participation, the bidder agrees to the following:

1. All costs incurred by Bidder in the preparation of this proposal shall be borne by the Bidder.
2. "EHS" will assume that all statements in writing, made by persons submitting Proposals are true, accurate, complete and, not misleading.
3. "EHS" reserves the right to cancel, at any time, this RFP partially or in its entirety. No legal liability on the part of "EHS" for payment of any kind shall arise and in no event will a cause of action lie with any bidder for the recovery of any cost incurred in connection with preparing or submitting a proposal, in response hereto all efforts initiated or undertaken by the bidder shall be done considering and accepting this fact.
4. Bidder's proposals shall be based on full compliance with the terms, conditions and, requirements of this RFP and its future clarifications and/or amendments.
5. "EHS" shall not be under any obligation to return or save either the original or any copies of any Bidder's Proposals (technical and/or financial), and all documents submitted to "EHS", whether originals or copies, shall be kept or disposed of by "EHS".
6. This Request for Proposal doesn't constitute an offer. "EHS" shall not be under obligation to enter into any agreement with any Bidder in connection with this RFP and responses received.
7. The Bidder's proposals (technical and financial) shall comply with the laws and regulations of the Hashemite Kingdom of Jordan.
8. The Bidder's proposals (technical and financial) shall be compatible with international standards and best practices.
9. As a part of the RFP response, the Bidder is requested to fill out the compliance sheet included in this RFP.
10. The bidder must include in his technical proposal a detailed Bill of Quantity "BOQ" for all proposed and priced items and services. Accordingly, this should be reflected and included in the financial offer with itemized quoted prices for all proposed items.
11. The bidder must commit to providing EHS with the same prices and terms for a period of (1) year starting from the Awarding Letter date for the purpose of Variation Orders
12. The quantities requested in this RFP are subject to increase, decrease or, cancellation as per the actual requirements in the awarding date. In case the quantities decrease the vendor is responsible to install the available materials from the EHS warehouse.

### 3. Bidder Qualifications

1. Bidder should be a Company registered under the Jordanian Ministry of Industry and Trade for more than three years or represented by a company abiding by the aforementioned condition; otherwise, any international or regional bidder must present the formal documents which prove the financial capacity of the company in addition to its commercial registration documents at the country of origin
2. Bidder should have at least three references of similar projects preferably in the health care sector and to be accepted by EHS.
3. The Bidder shall have at least 2 live installations with support as of the date of submission of this bid.
4. The Bidder shall have specialized and certified engineers with relevant technical certification for at least two engineers.
5. The bidder must submit Up-To-Date official documents of registration issued from the Companies Control Department at the Jordanian Ministry of Industry and Trade.
6. The bidder shall be an authorized Top Level Partner of the mother company he represents in this bid. An up-to-date valid official letter/certificate from the mother company shall be submitted by the bidder as part of the bidder's qualification documents, to prove the level of partnership for the bidder.
7. The bidder shall have at least two high level certified engineers with solid experience in the support scope of this RFP (Juniper, Fortinet, Aruba wireless, and HP).
8. All proposed and supplied equipment\olutions\items\services must be original, brand new (not refurbished) and, licensed by the manufacture (mother company) to be supplied and installed for this project at EHS.
9. All proposed and supplied equipment / solution / items / appliances / hardware must be newly manufactured with manufacturer valid warranty and support duration for not less than (7) years from the date of delivery. This implies that supplied products must not be obsolete, phased out of production, out of sales, or out of support.
10. The bidder shall assign a dedicated (named) support engineer to manage this contract, acting as a focal point for any support request. The assigned engineer shall be approved by EHS/ components/ lots.
11. Companies may submit bids for the execution of the required services within the tender documents, either individually or in partnership with Jordanian companies, as deemed in the public interest.

يجوز التقدم لتنفيذ الخدمات المطلوبة ضمن وثائق العطاء من قبل شركة بالمشاركة أو بالائتلاف مع شركات أردنية أو بالانفراد حيثما اقتضت المصلحة العامة ذلك)

12. EHS has the right to interview bidder's support engineer as a part of the technical evaluation
13. All proposed and supplied equipment\olutions\items\services must be original, brand new (not refurbished) and, licensed by the manufacturer (mother company) to be supplied and installed for this project at EHS.



## 4. RFP Guidelines

### a. RFP Issuance & Submission

Event	Date
1. RFP distribution to vendors	31-JUL-2024
2. Questionnaire Session	N/A
3. Proposal due date Closure Date	20-AUG-2024

### b. Queries and Responses

All inquiries during the questions and answers session (Bidder Conference) if conducted must be documented., Verbal clarifications, inquiries or communication are not permitted, and only written communication is accepted.

### c. RFP Acknowledgement

1. Award of the contract resulting from this RFP will be based upon the most responsive vendor whose offer will be the most advantageous to "EHS" in terms of cost, functionality, and other factors as specified elsewhere in this RFP.
2. Vendor has a period of (5) days to acknowledge and accept the awarding letter with its terms and conditions. Delay of acceptance will yield into consideration of rejection.
3. EHS" reserves the right to:
  - a) Accept other than the lowest-priced offer.
  - b) Award a contract on the basis of initial offers received, without discussions or requests for best and final offers.
  - c) Award the RFP contract on a partial basis (i.e. not all requirements requested from a single vendor.)
  - d) Not declare the name of the winning bidder, and awarding details.

### d. Proposal Format Requirements

1. The financial and technical proposals must be submitted separately. Each proposal must be sent in a separate (PDF) electronic file (PDF). **(If the proposal file document size is bigger than 9 Megabyte (MB), you may send the document through a secured file hosting service and an internet-based computer file transfer service company such as Dropbox, WeTransfer, etc.)**
2. The proposals must be sent to the Procurement Department email namely; ([Procurement@ehs.com.jo](mailto:Procurement@ehs.com.jo)). A password divided into (3) portions and not to be less than (9) nine digits must be set on the financial offer.
3. The bidder shall propose two financial offers based on the below criteria:
  - Local support including hardware replacement for the core and access layers – one year.
  - Local support including hardware replacement for the core and access layers – three years.

4. The passwords must be sent through a text message (SMS) to relevant mobile numbers which will be cellular mobile numbers that will be provided to the bidders at a later stage.
5. Pricing must be per site with a breakdown itemized pricing for each item, component, product and services included in the submitted Financial Proposal.
6. The bidder shall submit only one financial proposal file. The financial proposal must include all of the products or solution options proposed in the Technical Proposal. The financial proposal must be in a format that is easy to read and understand and in compliance and consistent with the pricing and terms and conditions mentioned in this RFP document. The financial proposal must be in English.
7. The financial proposal must be signed by an authorized representative of the bidder.
8. If the bidder submits more than one financial proposal file, or if the financial proposal does not include all of the products or solution options proposed in the Technical Proposal, the bidder's proposal may not be considered.
9. The bidder shall assign a dedicated (named) support engineer to manage this contract, acting as a focal point for any support request. The assigned engineer shall be approved by EHS/ components/ lots.
10. The bidder must submit a cover letter in a PDF format as a separate document from the Technical and the Financial Proposal. The cover letter must include the following information:
  - The tender reference number.
  - The name of the bidder.
  - The contact information for the bidder.
  - A list of the product(s) and/or solution(s) names that are being proposed, along with the corresponding product and/or solution code.
  - A listing of the proposed product(s)\ solution(s)\service(s) along with their relevant brief description.

The aforementioned information must be filled in the following “Table Template” (ملخص للمنتجات والخدمات والحلول المعروضة) and must be consistent and in a total match with the relative names and descriptions included in the financial and technical proposals. The list of product and/or solution names must match those included in the Technical and Financial Proposal. If the bidder does not submit a cover letter, or if the list of product and/or solution names do not match those included in the Technical and Financial Proposal, the bidder's proposal may not be considered.

## Table Template (ملخص للمنتجات والخدمات والحلول المعروضة)

The following table template can be used to list the product and/or solution names that are being proposed:

Option	Product\Solution\Services Name	Product\Solution\Services Description
Option (1)	Product 1	
Option (2)	Solution 1	
Option (3)	Solution 2 & Product 2	

## 5. RFP Terms & Conditions

### a. Evaluation Criteria

1. "EHS" will evaluate each response. Responses will be evaluated on many criteria deemed to be in EHS's best interest, including but not limited to, technical offering, price, warranty, delivery duration, Bidder certification, accreditation, schedule, bidder's capabilities, compliance with bonding, and any other factors that "EHS" determine. The order of these factors does not denote relative importance.
2. "EHS" reserves the right to consider other relevant factors as it deems appropriate in order to obtain the best value.
3. This RFP does not commit "EHS" to select any firm, enter into any agreement, pay any costs incurred in preparing a response or procure or contract for any services or supplies. "EHS" reserves the right to request additional information from the bidders whose response meets "EHS" needs and business objectives without requesting such information from all respondents.

### b. Rejection of Proposals

"EHS" reserves the right to reject any or all offers and discontinue this RFP process without obligation or liability to any potential Vendor.

### c. Proposal Costs and Expenses

No legal liability on the part of "EHS" for payment of any kind shall arise and in no event will a cause of action lie with any bidder for the recovery of any cost incurred in connection with preparing or submitting a proposal. In response hereto all efforts initiated or undertaken by the bidder shall be done considering and accepting this fact.

#### d. Bid, Performance, Advance payment, and Warranty Bonds

1. Unconditional Bid Bond valid for (3) three months with an amount of (JoD 5,000.00) Five Thousand Jordanian Dinar to be renewed automatically must be submitted by every participating bidder.
2. Advance payment LG, is to be submitted against any required advanced payment.
3. Unconditional Performance Bond for (10%) of the total amount of the awarded value shall be submitted by the winning bidder and within (5) working days from the date of the award. The Performance bond must remain valid for the total duration of the service agreement.

#### e. Penalties

In the event that the "Winning Bidder" fails to meet the agreed-upon deadlines specified in the Service Level Agreement (SLA) outlined in the RFP document, the "Winning Bidder" shall be liable for Penalties as stipulated in the SLA. The total cumulative value of the Penalties shall not exceed 10% of the total value of the "Awarding". The damages resulting from the delay shall be estimated by "EHS" based on the reports generated by the electronic fault tracking system and in accordance with the provisions set forth in the SLA.

#### f. Payment Terms

- 1- Fees for the "Support and Maintenance Services" specified in the tender document shall be paid in deferred quarterly installments over the contract period. Payments shall be made within (30) days of receiving the invoice issued by the successful bidder in accordance with the proper procedures and upon approval by "EHS" and receiving the necessary technical fulfillment report for the invoiced quarter.
- 2- Payment currency shall be in Jordanian Dinar (USD and Euro exchange rate will be calculated at the currencies exchange rate issued by Central Bank of Jordan at the payment date).

#### g. Service Term

- Electronic Health Solutions (EHS) is seeking proposals for Network Device Support Services for a term of either **one year** or **three years**. Bidders must submit pricing for both options in their financial proposal.
- The evaluation committee will consider the proposed pricing and service levels for both term options. Weighting will be applied to the cost proposals, with a more favorable evaluation given to competitive pricing for each term length.
- EHS reserves the right to select the proposal that offers the most favorable combination of service levels, pricing, and experience, regardless of the chosen service term (one or three years).

#### h. Offer Expiry Date

The validity of the Proposal shall be no less than (90) days unless clearly mentioned differently.

The prices must remain fixed and valid for (90) days from the date of the invitation for bid closing date and shall be clearly stated in the technical and commercial bids.

### 6. Financial Compliance Sheet

#	Description	Comply (Yes/No)	Reference in the proposal
1	The bidder shall comply with all points included in the general conditions section		
2	The bidder shall comply with all points included in the bidder qualifications section		
3	The bidder shall comply with all points included in the RFP guideline section		
4	The bidder shall comply with all points included in the RFP terms and conditions section		

## 7. Objectives

Electronic Health Solutions (EHS) is in the process of selecting a highly competent vendor to provide comprehensive Network Device Support for its various sites. The scope of support encompasses a range of critical network devices, including firewalls, switches, and wireless solutions from multiple industry-leading vendors such as Juniper, HP, and Fortinet.

The participating bidders in response to this RFP are invited to submit their proposals tailored to their specific service offerings. Bidders may offer support services for a single vendor or multiple vendors.

## 8. Technical Terms and Conditions

### 1. **Proposal Submission by Lots:**

- Bidders are allowed to submit support service proposals on a lot basis, where each lot includes different network vendors for the requested sites.

### 2. **Single or Combined Vendor Support:**

- Bidders' proposals may include support services for devices from a single network vendor or multiple vendors combined, based on their competencies and service offerings.

### 3. **Financial Offers:**

- Bidders shall propose two financial offers based on the following criteria: a. Local support, including hardware replacement for the core and access layers, for one year. b. Local support, including hardware replacement for the core and access layers, for three years.

### 4. **Technical Evaluation Criteria:**

- EHS will give preference to combined proposals that cover all items under this RFP, with a 20% advantage in the technical evaluation.

### 5. **Modification Rights:**

- EHS reserves the right to increase or decrease the items under the support agreement at the time of agreement renewal.

### 6. **Professional Certification Requirements:**

- The bidder shall have at least two professionally certified engineers with solid experience in the support scope of this RFP (Juniper, Fortinet, Aruba Wireless, and HP) that matches the bidder's service offering.

### 7. **Dedicated Support Engineer:**

- The bidder shall assign a dedicated (named) support engineer to manage this contract, acting as a focal point for any support request. The assigned engineer shall be approved by EHS.
- EHS has the right to interview the bidder's support engineer as part of the technical evaluation.

## 9. Support Service SLA requirements

The selected bidders shall adhere to the below SLA requirements during the execution of the support agreement

### 9.1 SLA Severity Levels

Insuring and maintaining full, safe and enhanced performance for all network devices and related network items, along with all required support and prevention procedures with the following targets:

#### a) Severity level 1

Response time: Within 30 minutes

Arrival on site: Within 90 minutes

#### b) Severity level 2

Response time: Within 1 Hour

Arrival on site: Within 2.5 Hours

#### c) Severity level 3

Response time: Within 8 Hours

Arrival on site: Within 8 Hours

Resolution time: Guaranteed network recovery & repair within 24 Hours.

#### d) Severity level 4

Response time: Within 12 Hours

Arrival on site: Within 12 Hours

Resolution time: Guaranteed network recovery & repair within 48 Hours.

- For northern sites, one hour will be added to the arrival on site time.
- For southern sites, 3 hours will be added to the arrival on site time.
- Severity level will be determined by EHS upon opening each individual support case.
- Throughout the execution of the SLA, vendors should not rely on system redundancy as a permanent resolution.

#### SLA Definitions:

- **Severity Level 1:** Site is down or there is a critical impact to End User's business operation.
- **Severity Level 2:** Operation is severely degraded or significant aspects of End User's business operation are negatively impacted by unacceptable Network or Environment performance.
- **Severity Level 3:** Operational performance of the Network or Environment is impaired, although most business operations remain functional.
- **Severity Level 4:** Product Enhancement request or information is required on product capabilities, installation, or configuration. There is little or no impact to End User's business operation
- **Response time:** is the time it takes to send back an acknowledgement of an issue and commence the process of developing a resolution.
- **Resolution time:** is the time needed to solve an open case.

#### 9.2 Terms and Penalties

Additional hours exceeding the allowable downtime will be subject to penalty. The minimum accepted system availability is 99.9% yearly uptime. The allowable downtime shall be divided equally into two portions (every six months). Under all circumstances, the "resolution time" must not exceed 24 hours for severity level 3 and 48 hours for severity level 4. In addition the "response time" and the "arrival on site time" must be met with each Severity Level.

The vendor will be subject to penalty if he does not meet the "response time", "arrival on site" and "resolution time". The following table shows all the penalties under this SLA contract.

Penalty condition	Penalty amount per hour JoD			
	Severity 1	Severity 2	Severity 3	Severity 4
Failed to achieve 99.9% availability target for 6 months (4H:22M:58S)	400	300	0	0
Failed to achieve "response time"	400	300	100	50
Failed to achieve "arrival on site time"	400	300	100	50
Failed to achieve "resolution time"	0	0	100	50

- The Vendor's response will be measured and monitored using EHS's Service Management tool.



9.3

Participating bidder should submit a preventive maintenance program as well as a schedule for the network components mentioned in [Annex3](#) that shall occur once every year.

9.4 The bidder must provide the support methodology and escalation matrix including contact details.

9.5 Bidders should provide [Local support] for all network components in the core and access Layer – please refer to (Annex 3) for the list of core and access Layer components. The hardware replacement shall be provided by the bidder.

9.6 The winning bidder is responsible for maintaining spare parts to meet the “availability” and “resolution time” targets at no additional cost on EHS.

9.7 The winning bidder is responsible to supply and deliver permanent hardware replacement items for the Core and Access Layers at no additional cost. Permanent hardware replacement must be supplied on site within:

- a. Three business days for the Core Layer. The Core Layer network components are found in [Annex3](#).
- b. 25 business days for the Access Layer. The Access Layer network components are found in [Annex3](#).

The above-mentioned delivery days will be calculated from the incident initiation time. Any delay exceeding the allowable permanent hardware replacement time as stated in ‘a’ and ‘b’ will be subject to penalty of 400 JoD per day for the Core Layer and a penalty of 200 JoD per day for the Access Layer.

9.8 The winning bidder will provide workshops and/or on-site training if necessary or if requested by EHS.

9.9 The winning bidder will provide the network diagnoses and problem resolution for the network Infrastructure as well as assess any requirements for the network changes and future infrastructure capacity building.

9.10 The winning bidder will support, configure and resolve problems related to all network infrastructure products whenever needed and/or if requested by EHS.

9.11 The winning bidder will commit to providing quality assurance for any major configuration changes whenever requested by EHS. Any network change must be done within the EHS change management process.

9.12 The vendor is responsible for the review of the network configuration and setup at the beginning of the SLA support contract, develop all the required corrective plans, update the network low level design document and all network documentation required in order to insure the alignment of the network with the network best practices.

9.13 The vendor is responsible for the following support service compliance points:

- a. IOS updates for ALL network devices and systems.
- b. Application patches and new releases.
- c. In addition, the vendor shall provide all related support and required preventive maintenance consultation.

## 10. Annex 2 Technical compliance sheet

- The bidder shall confirm all points in the below compliance sheet and mention the reference for each point in the proposal.
- Failing to comply with any of the below items will result in proposal disqualification.

No	Description	Comply (YES/NO)	Reference in the proposal
1	The bidder must comply with all terms and conditions that mentioned in the RFP.		
2	Bidders are allowed to submit support service proposals on a lot basis, where each lot includes different network vendors for the requested sites		
3	Bidders must propose two financial offers based on the following criteria: a. Local support, including hardware replacement for the core and access layers, for one year. b. Local support, including hardware replacement for the core and access layers, for three years.		
4	Bidders' proposals may include support services for devices from a single network vendor or multiple vendors combined, based on their competencies and service offerings		
5	EHS will give preference to combined proposals that cover all items under this RFP, with a 20% advantage in the technical evaluation		
6	EHS reserves the right to increase or decrease the items under the support agreement at the time of agreement renewal		
	The bidder shall have at least two professionally certified engineers with solid experience in the support scope of this RFP (Juniper, Fortinet, Aruba Wireless, and HP) that matches the bidder's service offering		

7	The bidder shall assign a dedicated (named) support engineer to manage this contract, acting as a focal point for any support request. The assigned engineer shall be approved by EHS		
8	EHS has the right to interview bidder's support engineer as a part of the technical evaluation.		
9	The bidder must comply with all terms that mentioned in the SLA part in the RFP.		

## 11. List of network devices, along with their corresponding site locations

### Annex (3) Lot (1) Juniper

#### a) Core Layer Network Devices:

##### 1) EHS data center:

#	Product Number	Serial Number
1	Juniper MX104 Router	B0868
2	Juniper MX104 Router	B0862

##### 2) Prince Hamzeh Hospital Data Center:

#	Product Number	Serial Number
1	Juniper MX104 Router	B1135
2	Juniper MX104 Router	B1124

3) Queen Aliah Military Hospital, Amman:

#	Product Number	Quantity
1	Juniper Core ex8208	2
2	Juniper SRX550	2

4) Princess Raya Hospital, Irbid:

#	Product Number	Quantity
1	Juniper SRX345	2

5) Zarqa hospital's outpatient Building, Zarqa:

#	Product Number	Quantity
1	Juniper SRX340	1
2	Juniper ex3300-48p	3

6) Al Hussein Hospital – Salt:

#	Product Number	Quantity
1	Juniper ex9214	2

7) Maan Governmental Hospital Site, Maan:

#	Product Number	Serial Number
1	Juniper SRX550	AL2413AK0009
2	Juniper SRX550	AL2413AK0012

8) Queen Rania Governmental Hospital, Wadi Mousa:

#	Product Number	Serial Number
1	Juniper SRX550	AL3814AK0119
2	Juniper SRX550	AL3514AK0107

9) Mafrq Gyna/Pediatric Hospital, Mafrq:

#	Product Number	Serial Number
1	Juniper SRX550	AL2313AK0078
2	Juniper SRX550	AL1713AA0058

10) Mafrq Governmental Hospital, Mafrq:

#	Product Number	Serial Number
1	Juniper SRX550	AL2313AK0081
2	Juniper SRX550	AL2413AK0011

11) Al Ramtha Governmental Hospital, Ramtha:

#	Product Number	Serial Number
1	Juniper SRX550	AL2413AK0005
2	Juniper SRX550	AL4014AK0013

12) YGH- Yarmouk Hospital, Irbid

#	Product Number	Quantity	Serial Number
1	Juniper FW SRX240H2	2	BU2215AK0270
			BU2215AK0353
2	Juniper Core EX4550-32F	2	LX0215175204
			LX0215205563

13) JGH – Jarash Governmental Hospital, Jarash

#	Product Number	Quantity	Serial Number
1	Juniper FW SRX240H2	2	BU2215AK0381
			BU2215AK0386
2	Juniper Core EX4550	2	LX0215205485
			LX0215175212

14) PFGH – Prince Faisal Governmental Hospital, Zarqa

#	Product Number	Quantity	Serial Number
1	Juniper FW SRX240H2	2	BU2215AK0401 BU2215AK0388
2	Juniper Core EX4550	2	LX0215205553 LX0215205569

15) NGH – Al Nadeem Governmental Hospital, Madaba

#	Product Number	Quantity	Serial Number
1	Juniper FW SRX240H2	2	BU2215AK0306 BU2215AK0345
2	Juniper Core EX4550	2	LX0215205479 LX0215205524

16) PHUH – Prince Hussein Hospital, Balqa

#	Product Number	Quantity	Serial Number
1	Juniper FW SRX240H2	2	AG2112AA0021 AG2012AA0021

17) NZH – New Zarqa Hospital, Zarqa

#	Product Description	Quantity	Serial Number
1	Fortinet Firewall FG-1000C	2	FGT1KC3914800859 FGT1KC3914800090
2	Juniper WLC2800	2	LG3414110386
3	Juniper EX8216-BASE-AC	2	CY3913510001 CY3913500002
4	Juniper EX8200-8XS	12	BB1613081322 BB1613141844 BB1613081293 BB1613141816 BB1613091473 BB1613141814 BB1613141823 BB1613091491 BB1613091494 BB3913450053 BB3914050022 BB1613091482
5	Juniper EX8200-48T	4	BD3914020042 BD3913410031 BD3914020002 BD3914020091

6	Juniper EX8200-2XS-40T	1	GL1712460751
7	Juniper EX8200-PWR-AC3K	4	CC1111521442 CC2912440401 CC2912450497 CC1111240968
8	Juniper EX-XRE200-AC	2	262112013000005 262032012000027

18) PBH and PRH – Princess Badiah and princess Rahmah Hospitals, Irbid.

#	Product Description	QTY
1	Juniper SRX550	2

19) Dr Jamil Al Totanji Hospital, Amman

#	Product Number	Serial Number
1	Juniper SRX345	CZ2717AF0678
2	Juniper SRX345	CZ2717AF0958
3	Juniper EX4550	LX0214318649
4	Juniper EX4550	LX0214115485

20) Prince Hashem Military Hospital (PHZH), Zarqa

#	Product Number	Serial Number
1	Juniper FW SRX240H2	BU2915AK0144
2	Juniper FW SRX240H2	BU2815AK0638
3	Juniper Core EX4550-32F	LX0215286268
4	Juniper Core EX4550-32f	LX0215286283

21) Prince Ali Military Hospital (PAMH), Karak:

#	Product Number	Serial Number
1	Juniper SRX345	CZ2717AF0676
2	Juniper SRX345	CZ2717AF0670



22) King Hussein Military Hospital (KHHM) and Royal Jordanian Rehabilitation Center (RJRC), Amman.

#	Product Number	Serial Number	location
1	Juniper FW srx650	AJ3814AK0049	RJRC – RMS DC
2	Juniper FW srx650	AJ3914AK0051	RJRC - RMS DC
3	Juniper Core EX4550-32F-AFO + EX 4550 8-port 100M/1G/10G BaseT Expansion Module	LX0216200209	KHHM – IT Dept.
4	Juniper Core EX4550-32F-AFO + EX 4550 8-port 100M/1G/10G BaseT Expansion Module	LX0216220026	KHHM – IT dept.
5	Juniper Core EX4550-32F-AFO + EX 4550 8-port 100M/1G/10G BaseT Expansion Module	LX0216220022	Specialty clinics
6	Juniper Core EX4550-32F-AFO + EX 4550 8-port 100M/1G/10G BaseT Expansion Module	LX0216220043	Specialty clinics
7	Juniper Core EX4550-32F-AFO + EX 4550 8-port 100M/1G/10G BaseT Expansion Module	LX0216220024	EHS Core switch
8	Juniper Core EX4550-32F-AFO + EX 4550 8-port 100M/1G/10G BaseT Expansion Module	LX0216220002	EHS Core switch

23) PHMH - Prince Hashem Military Hospital – Aqaba

#	Product Number	Serial Number
1	Juniper SRX550	AL2313AK0075
2	Juniper SRX550	AL2313AK0063

24) KTMH – King Talal Military Hospital - Mafraq

#	Product Number	Serial Number
1	Juniper srx240h2	BU3515AK0871
2	Juniper srx240h2	BU3915AK1303

**b) Access layer network devices:**

1) Queen Aliah Military Hospital, Amman:

#	Product Number	Quantity
1	Juniper ex3400-48p	7
2	Juniper ex4300-24t	1
3	Juniper ex4300-48t	22
4	Juniper ex4300-24p	6
6	Juniper ex2200-24p-4g	22

2) Al Ramtha Comprehensive Clinic, Ramtha:

#	Product Number	Qty
1	Juniper SRX240h2	1

3) Rehab Comprehensive Clinic, Mafraq:

#	Product Number	Qty
1	Juniper SRX240h2	1

4) Mafraq Comprehensive Clinic, Mafraq:

#	Product Number	Qty
1	Juniper SRX240h2	1

5) Al-Mansoura Comprehensive Clinic, Mafraq:

#	Product Number	Qty
1	Juniper SRX240h2	1

6) Aqaba Comprehensive Clinic, Aqaba:

#	Product Number	Serial Number
1	Juniper SRX240h2	1

7) Yarmouk Hospital (YGH), Irbid

#	Product Number	Qty
1	Juniper EX3300-24p	2
2	Juniper EX2200-C-12T	1
3	Juniper EX3300-48p	7

8) JGH – Jarash Governmental Hospital, Jarash

#	Product Number	Qty
1	Juniper EX2200-C-12T	1
2	Juniper EX3300-48p	9
3	Juniper EX3300-24p	2

9) PFGH – Prince Faisal Governmental Hospital, Zarqa

#	Product Number	Qty
1	Juniper EX2200-C-12T	1
2	Juniper EX3300-48p	9
3	Juniper EX3300-24p	8

10) NGH – Al Nadeem Governmental Hospital, Madaba

#	Product Number	Qty
1	Juniper EX2200-C-12T	1
2	Juniper EX3300-48p	5
3	Juniper EX3300-24p	3

11) ZNH – New Zarqa Hospital, Zarqa

#	Product Description	Qty
1	Juniper EX4200-48PX	57
2	Juniper EX4200-24PX	3

12) NGCC– Al Nadeem Outpatient Clinics, Nadeem

#	Product Number	Qty
1	EX3300 24-Port POE+	4
2	EX3300 48-Port POE+	2

13) WHCC– Women Health Care Center, Tafieleh

#	Product Number	Qty
1	Juniper EX3300 48-Port	2
2	Juniper EX3300 24-Port	1
3	Juniper SRX220H2	1

14) ABC – Ain Albasha Compressive Clinics, Balqa

#	Product Description	QTY
1	Juniper EX3300-48P	1
2	Juniper SRX220H	1

15) LUCC – Lubida Comprehensive Clinic, Amman

#	Product Number	QTY
1	Juniper EX3300-48p	2
2	Juniper SRX220H2	1

16) FACC– Al Farouq Comprehensive Clinic, Irbid

#	Product Number	QTY
1	Juniper EX3300-48p	1
2	Juniper EX3300-24p	1
3	Juniper FW SRX240H2	1

17) YUCC– Yarmouk University Comprehensive Clinic, Irbid

#	Product Number	QTY
1	Juniper EX3300-48p	1
2	Juniper EX3300-24p	1
3	Juniper FW SRX240H2	1

18) RJCC– Al Razi Comprehensive Clinic, Jarash

#	Product Number	QTY
1	Juniper EX3300-48p	1
2	Juniper EX3300-24p	1
3	Juniper FW SRX240H2	1

19) JACC– Jarash Comprehensive Clinic, Jarash

#	Product Number	QTY
1	Juniper EX3300-48p	2
2	Juniper FW SRX240H2	1

20) LBCC– Lob Comprehensive Clinic, Madaba

#	Product Number	QTY
1	Juniper EX3300-48p	1
2	Juniper EX3300-24p	1
3	Juniper FW SRX220H2	1

21) NMCC– North Madaba Comprehensive Clinic - Madaba

#	Product Number	QTY
1	Juniper EX3300-48p	1
2	Juniper EX3300-24p	1
3	Juniper FW SRX220H2	1

22) PHCC– Prince Hamzeh Comprehensive Clinic - Zarqa

#	Product Number	QTY
1	Juniper EX3300-48p	2
2	Juniper FW SRX220H2	1

23) HHCC– Al Hashemieh Comprehensive Clinic - Zarqa

#	Product Number	QTY
1	Juniper EX3300-48p	1
2	Juniper EX3300-24p	1
3	Juniper FW SRX220H2	1

24) BICC– Biereen Comprehensive Clinic - Zarqa

#	Product Number	QTY
1	Juniper FW SRX220H2	1

25) EMCC– East Madaba Comprehensive Clinic - Madaba

#	Product Number	QTY
1	Juniper EX3300-48p	1
2	Juniper EX3300-24p	1
3	Juniper FW SRX220H2	1

26) WDCC– Wadi Alhajar Comprehensive Clinic - Zarqa

#	Product Number	QTY
1	Juniper EX3300-48p	1
2	Juniper FW SRX220H2	1

27) Dr Jamil Al Totanji Hospital, Amman

#	Product Number	Serial Number
1	Juniper EX3300-48P	16
2	Juniper EX3300-24P	6

28) Prince Hashem Military Hospital (PHZH), Zarqa

#	Product Number	Qty
1	Juniper EX3300-24p	7
2	Juniper EX3300-48p	11
3	Juniper EX2200-C-12T	1

29) King Hussein Military Hospital, Amman

#	Product Number	Qty
1	Juniper EX3300-24p	20
3	Juniper EX3300-48p	42

30) Lasik Center, King Hussein Medical Center, Amman

#	Product Number	Qty
1	Juniper EX3300-48p	1

31) Nuclear Medicine Center, King Hussein Medical Center, Amman

#	Product Number	Qty
1	Juniper EX3300-48p	2

32) KHMH – King Hussein Military Hospital, Outpatient Building, Amman

#	Product Number	Qty
1	Juniper EX3300-48p	3

33) QAHI - Queen Alia heart Institute Amman

#	Product Number	Qty
1	Juniper ex3300-24p	1

34) Al Karak Comprehensive Clinic, Karak

#	Product Number	Qty
1	Juniper SRX210h	1

35) Prince Talal Comprehensive Clinic, Karak

#	Product Number	Qty
1	Juniper srx240h2	1

36) Al Qatraneh Comprehensive Clinic, Karak

#	Product Number	Qty
1	SRX220h2	1

37) Basma Comprehensive Clinic, Amman

#	Product Number	Qty
1	Juniper EX2300-48P	3
2	Juniper SRX340	1

38) Wadi Al Seer Comprehensive Clinic, Amman

#	Product Number	Qty
1	Juniper SRX210HE2	1

39) Al Khaldieh Comprehensive Clinic, Mafraq

#	Product Number	Qty
1	SRX240H2	1

40) Balamaa Comprehensive Clinic, Mafraq

#	Product Number	Qty
1	SRX240H2	1



41) Al Mshirfeh Comprehensive Clinic, Zarqa

#	Product Number	Qty
1	SRX240H2	1

42) Hey Al Rashid Comprehensive Clinic, Zarqa

#	Product Number	Serial Number
1	SRX210HE	1

43) Al Hussein Hospital – Salt

#	Product Number	Quantity
1	Juniper ex3400-48p	50

44) Comprehensive clinics:

#	Product Number	Site Name	Quantity
1	Juniper SRX340	Marka Military Comprehensive Center -amman	1
2	Juniper ex2300-48p	Marka Military Comprehensive Center -Amman	1
3	juniper SRX340	AlBaqee comprehensive center - Balqa	1
4	Juniper SRX340	Abu Nsair comprehensive center - Amman	1
5	Juniper SRX340	Jufeh comprehensive center - Amman	1
6	Juniper SRX340	Khriebet Al Souq comprehensive center - Amman	1
7	Juniper SRX340	Naour comprehensive center - Amman	1
8	Juniper SRX340	Sahab comprehensive center - Amman	1
9	Juniper SRX340	Swaileh comprehensive center - Amman	1
10	Juniper SRX340	Qwaismeh comprehensive center - Amman	1
11	Juniper EX3300-48P	Qwaismeh comprehensive center - Amman	3
12	Juniper SRX340	Ajloun comprehensive clinic	1

13	Juniper ex3300-48p	Ajloun comprehensive clinic	2
14	Juniper SRX340	Tabarbour comprehensive clinic - Amman	1
15	Juniper EX3300-48P	Tabarbour comprehensive clinic - Amman	5
16	Juniper ex2300-24p	Maan comprehensive center	3
17	Juniper SRX340	Maan comprehensive center	1
18	Juniper ex2300-48p	Bseira comprehensive center - Tafieleh	1
19	Juniper SRX340	Bseira comprehensive center - Tafieleh	1
20	Juniper ex2300-24p	Bseira comprehensive center - Tafieleh	1
21	SRX340	Tafieleh comprehensive center	1
22	Juniper ex2300-48p	Tafieleh comprehensive center	1
23	Juniper ex2300-24p	Tafieleh comprehensive center	4
24	Juniper SRX340	Petra comprehensive center – Wadi Musa	1
25	Juniper ex2300-48p	Petra comprehensive center – Wadi Musa	1
26	Juniper srx240h2	Central Laboratory – Jabal Al Hussein	1
27	Juniper ex3300-48p	Central Laboratory – Jabal Al Hussein	1
28	Juniper ex3300-24p	Central Laboratory – Jabal Al Hussein	1
29	Juniper srx345	Central Laboratory – Amman Down Town	1
30	Juniper ex3300-48p	Central Laboratory – Amman Down Town	1
31	Juniper ex3300-24p	Central Laboratory – Amman Down Town	1

## Appendix (3)

### Lot (2)

### HP

#### c) Core Layer Network Devices:

25) EHS data center:

#	Product Number	Serial Number
1	Aruba WLC 7210	BA0007687
2	Aruba WLC 7210	BA0007802
3	Aruba WLC 7210	BA0007045
4	Aruba WLC 7210	BA0007769
5	Aruba WLC 7010	CG0006047

26) Queen Aliah Military Hospital, Amman:

#	Product Number	Quantity
1	Aruba WLC 7205	3

27) Princess Raya Hospital, Irbid:

#	Product Number	Quantity
2	Aruba 3810M-16SFP+-2-slot JL075A	1
3	Aruba 3810M 4SFP+ JL083A Module	2
4	HP 5406Rzl2 J9850A	2
5	HP J9993A 8p 1G/10GbE SFP+	4
6	HP J9995A 8p 1/2.5/5/XGT PoE+	2
7	HP J9827A Management Module 5400Rzl2	2
8	Aruba WLC 7030	2

28) Maan Governmental Hospital Site, Maan:

#	Product Number	Serial Number
1	HP 5406 zI	SG46DXT1DY
2	HP 5406 zI	SG46DXT1GG
3	Aruba WLC 7210	BA0007709
4	Aruba WLC 7210	BA0008113

29) Queen Rania Governmental Hospital, Wadi Mousa:

#	Product Number	Serial Number
1	HP 5406 zI	SG46DXT1G9
2	HP 5406 zI	SG46DXT1GC
3	Aruba WLC 7030	CR0001568
4	Aruba WLC 7030	CR0001504

30) Mafrq Gyna/Pediatric Hospital, Mafrq:

#	Product Number	Serial Number
1	HP 5406 zI	SG46DXT1BT
2	HP 5406 zI	SG46DXT1GD
3	Aruba WLC 7030	CR0001581
4	Aruba WLC 7030	CR0001547

31) Mafrq Governmental Hospital, Mafrq:

#	Product Number	Serial Number
1	HP 5406 zI	SG46DXT1G8
2	HP 5406 zI	SG46DXT1FY
3	Aruba WLC 7210	BA0007706

32) Al Ramtha Governmental Hospital, Ramtha:

#	Product Number	Serial Number
1	HP 5406 zI	SG46DXT1FQ
2	HP 5406 zI	SG46DXT1FR
3	Aruba WLC 7210	BA0007242
4	Aruba WLC 7210	BA0007460

33) YGH- Yarmouk Hospital, Irbid

#	Product Number	Quantity	Serial Number
1	Aruba7030 WLC	2	CR0005215
			CR0004565

34) JGH – Jarash Governmental Hospital, Jarash

#	Product Number	Quantity	Serial Number
1	Aruba7205 WLC	2	CS0001830
			CS0001810

35) PFGH – Prince Faisal Governmental Hospital, Zarqa

#	Product Number	Quantity	Serial Number
1	Aruba7205 WLC	2	CS0001839
			CS0001824

36) NGH – Al Nadeem Governmental Hospital, Madaba

#	Product Number	Quantity	Serial Number
1	Aruba7030 WLC	2	CR0004551
			CR0004521

37) PHUH – Prince Hussein Hospital, Balqa

#	Product Number	Quantity	Serial Number
1	HP MSM765 WLC	2	SG121GG04B
			SG053GG00Y

38) PBH and PRH – Princess Badiah and princess Rahmah Hospitals, Irbid.

#	Product Description	QTY
1	HP Switch 5406Rzl2 (J9850A)	2

39) Al-Karak Governmental Hospital, Karak:

#	Product Number	Serial Number
1	HP 5400Rzl2	SG76H6K1GW
2	HP 5400Rzl2	SG76H6K1GR
3	Aruba7205	CS0007870
4	Aruba7205	CS0007883

40) Dr Jamil Al Totanji Hospital, Amman

#	Product Number	Serial Number
1	Aruba7030	CR0012015
2	Aruba7030	CR0011958

41) Princess Salma Governmental Hospital, Madaba:

#	Product Number	Serial Number
1	HP 5400Rzl2	SG76H6K1H5
2	HP 5400Rzl2	SG76H6K1GS
3	Aruba7030	CR0011823
4	Aruba7030	CR0011987

42) South Shouneh Governmental Hospital, Balqa:

#	Product Number	Serial Number
1	HP 5406Rzl2	SG76H6K1GT
2	HP 5406Rzl2	SG76H6K1FW
3	Aruba7030	CR0011863
4	Aruba7030	CR0011888

43) Prince Hashem Military Hospital (PHZH), Zarqa

#	Product Number	Serial Number
1	Aruba WLC 7205	CS0001661
2	Aruba WLC 7205	CS0001815

44) Prince Ali Military Hospital (PAMH), Karak:

#	Product Number	Serial Number
1	Aruba 5400R ZL2	SG76H6K1FS
2	Aruba 5400R ZL2	SG76H6K1CR
3	Aruba WLC 7205	CS0007886
4	Aruba WLC 7205	CS0007861

45) Farah (RJRC), Amman

#	Product Number	Serial Number
1	HP 5406zl	SG46DXT1F2

46) QAHI - Queen Alia heart Institute, Amman

#	Product Number	Serial Number
1	HP 5406zl	SG46DXT1BS

47) PILC - Princess Iman laboratory Center, Amman

#	Product Number	Serial Number
1	HP 5406zl	SG46DXT1FK

#### d) Access layer network devices:

45) North Hashmi Comprehensive Clinic, Amman:

#	Product Number	QTY
1	HP MSR30-20	1

46) Maan Governmental Hospital Site, Amman:

#	Product Number	Qty
1	HP A5120-48G-PoE+	9
2	HP A5120-24G-PoE+	3

47) Queen Rania Governmental Hospital, Wadi Mousa:

#	Product Number	QTY
1	HP A5120-48G-PoE+	5
2	HP A5120-24G-PoE+	3

48) Mafrq Gyna/Pediatric Hospital, Mafrq:

#	Product Number	QTY
1	HP A5120-48G-PoE+	5
2	HP A5120-24G-PoE+	1

49) Mafrq Governmental Hospital, Mafrq:

#	Product Number	QTY
1	HP A5120-48G-PoE+	10
2	HP A5120-24G-PoE+	4

50) Al Ramtha Governmental Hospital, Ramtha:

#	Product Number	QTY
1	HP A5120-48G-PoE+	10
2	HP A5120-24G-PoE+	4

51) Al Ramtha Comprehensive Clinic, Ramtha:

#	Product Number	Qty
1	HP A5120-48G-PoE+	2
2	Aruba WLC 7005	1

52) Rehab Comprehensive Clinic, Mafrq:

#	Product Number	Qty
1	HP A5120-48G-PoE+	1
2	HP A5120-24G-PoE+	1
3	Aruba WLC 7005	1



53) Mafrq Comprehensive Clinic, Mafrq:

#	Product Number	Qty
1	HP A5120-48G-PoE+	2
2	Aruba WLC 7005	1

54) Al-Mansoura Comprehensive Clinic, Mafrq:

#	Product Number	Qty
1	HP A5120-48G-PoE+	1
2	HP A5120-24G-PoE+	1
3	Aruba WLC 7005	1

55) Aqaba Comprehensive Clinic, Aqaba:

#	Product Number	Serial Number
1	HP A5120-48G-PoE+	3
2	Aruba WLC 7005	1

56) PHUH – Prince Hussein Hospital, Balqa

#	Product Number	
1	HP 5120-48G-PoE+	12
2	HP 5120-24G-PoE+	1

57) NGCC– Al Nadeem Outpatient Clinics, Nadeem

#	Product Number	Qty
1	Aruba 7005 WLC	1

58) WHCC– Women Health Care Center, Tafieleh

#	Product Number	Qty
31	Aruba 7005 WLC	1

59) ABC – Ain Albasha Compressive Clinics, Balqa

#	Product Description	QTY
1	HP A5500-48G-PoE+	1
2	HP 5130-24G-PoE+-4SFP+	1
3	HP A5500-24G-4SFP	1

60) PBH and PRH – Princess Badiah and princess Rahmah Hospitals, Irbid.

#	Product Description	QTY
1	HP Switch 5406Rzl2 (J9850A)	2
2	Aruba 2930F-24G	2
3	Aruba 2930F-28G	1
4	Aruba 2930F-48G	15
5	Aruba WLC 7205	2

61) LUCC – Lubida Comprehensive Clinic, Amman

#	Product Number	QTY
1	Aruba7010 WLC	1

62) FACC– Al Farouq Comprehensive Clinic, Irbid

#	Product Number	QTY
1	Aruba7005 WLC	1

63) YUCC– Yarmouk University Comprehensive Clinic, Irbid

#	Product Number	QTY
1	Aruba7005 WLC	1

64) RJCC– Al Razi Comprehensive Clinic, Jarash

#	Product Number	QTY
1	Aruba7005 WLC	1

65) JACC– Jarash Comprehensive Clinic, Jarash

#	Product Number	QTY
1	Aruba7005 WLC	1

66) LBCC– Lob Comprehensive Clinic, Madaba

#	Product Number	QTY
1	Aruba7005 WLC	1

67) NMCC– North Madaba Comprehensive Clinic - Madaba

#	Product Number	QTY
1	Aruba7005 WLC	1

68) PHCC– Prince Hamzeh Comprehensive Clinic - Zarqa

#	Product Number	QTY
1	Aruba7005 WLC	1

69) HHCC– Al Hashemieh Comprehensive Clinic - Zarqa

#	Product Number	QTY
1	Aruba7005 WLC	1

70) BICC– Biereen Comprehensive Clinic - Zarqa

#	Product Number	QTY
1	HP A5120-24G-PoE+	3
2	Aruba7005 WLC	1

71) EMCC– East Madaba Comprehensive Clinic - Madaba

#	Product Number	QTY
1	Aruba7005 WLC	1

72) WDCC– Wadi Alhajar Comprehensive Clinic - Zarqa

#	Product Number	QTY
1	Aruba7005 WLC	1

73) Al Karak Governmental Hospital Site, Karak:

#	Product Number	Qty
1	HP 5130 24G PoE+	4
2	HP 5130 48G PoE+	10
3	HP 5406Rzl2	1

74) Princess Salma Governmental Hospital, Madaba:

#	Product Number	Serial Number
1	HP 5130 48G PoE+	3
2	HP 5130 24G PoE+	4
3	HP 5406Rzl2	1

75) South Shouneh Governmental Hospital, Balqa:

#	Product Number	Serial Number
1	HP 5130 48G PoE+	4
2	HP 5130 24G PoE+	4
3	HP 5406Rzl2	1

76) Prince Ali Military Hospital (PAMH), Karak:

#	Product Number	Qty
1	HP 5130-48G-PoE+	8
2	HP 5130-24G-PoE+	6

77) Farah (RJRC), Amman

#	Product Number	Qty
1	HP A5120-48G-PoE+	7
2	HP A5120-24G-PoE+	2

78) QAHI - Queen Alia heart Institute Amman

#	Product Number	Qty
1	HP A5120-48G-PoE+	7
2	HP A5120-48G-PoE+	4

79) PILC - Princes Iman laboratory Center, Amman

#	Product Number	Qty
1	HP A5120-48G-PoE+	3
2	HP 5130-48G-PoE+	3

80) PHMH - Prince Hashem Military Hospital - Aqaba

#	Product Number	Qty
1	HP A5120-48G-PoE+	3
2	HP A5120-24G-PoE+	4

81) Aay Comprehensive Clinic, Karak

#	Product Number	Qty
1	HP 5130-48G-PoE	1
2	HP 5130-24G-PoE	1

82) Al Karak Comprehensive Clinic, Karak

#	Product Number	Qty
1	HP 5130-48G-PoE	2
2	HP 5130-24G-PoE	1

83) Prince Talal Comprehensive Clinic, Karak

#	Product Number	Qty
1	HP 5130-48G-PoE+	1

84) Al Mazaar Comprehensive Clinic, Karak

#	Product Number	Qty
1	HP 5130-48G-PoE	1
2	HP 5130-24G-PoE	1

85) Al Qatraneh Comprehensive Clinic, Karak

#	Product Number	Qty
1	HP 5130-48G-PoE	1
2	HP 5130-24G-PoE	1

86) Al Rabbeh Comprehensive Clinic, Karak

#	Product Number	Qty
1	HP 5130-48G-PoE	1
2	HP 5130-24G-PoE	2

87) Al Moqableen Comprehensive Clinic, Amman

#	Product Number	Qty
1	HP 5130-48G-PoE	2

88) Jubiha Comprehensive Clinic, Amman

#	Product Number	Qty
1	HP 5130-48G-PoE	2

89) Wadi Al Seer Comprehensive Clinic, Amman

#	Product Number	Qty
1	HP 5130-48G-PoE	3
2	HP 5130 24G PoE	1

90) Al Khaldieh Comprehensive Clinic, Mafrq

#	Product Number	Qty
1	HP 5130-48G-PoE	1
2	HP 5130-24G-PoE	1

91) Balamaa Comprehensive Clinic, Mafrq

#	Product Number	Qty
1	HP 5130-48G-PoE	1
2	HP 5130-24G-PoE	2

92) Mansheyeh Bani Hasan Comprehensive Clinic, Mafrq

#	Product Number	Qty
1	HP 5130-48G-PoE	1
2	HP 5130-24G-PoE	1

93) Al Mshirfeh Comprehensive Clinic, Zarqa

#	Product Number	Qty
1	HP 5130-48G-PoE	1
2	HP 5130-24G-PoE	1

94) Hey Al Rashid Comprehensive Clinic, Zarqa

#	Product Number	Serial Number
1	HP 5130-48G-PoE	2

95) Queen Rania Pediatric Hospital, Wadi Musa:

#	Product Number	Qty
1	HP 5130-48G-PoE	5
1	HP 5130-24G-PoE	5

96) Princess Raya Hospital, Irbid:

#	Product Number	Quantity
1	Aruba 2930F 48G PoE+ JL558A	5

97) Comprehensive clinics:

#	Product Number	Site Name	Quantity
4	Aruba JL255A 2930F-24G-PoE+	AlBaqee comprehensive center - Balqa	1
5	Aruba 2930F 48G PoE+ JL558A	AlBaqee comprehensive center - Balqa	1
7	Aruba JL558A 2930F-48G-740W- PoE+	Abu Nsair comprehensive center - Amman	2
9	Aruba JL255A 2930F-24G-PoE+	Jufeh comprehensive center - Amman	1
10	Aruba 2930F 48G PoE+ JL558A	Jufeh comprehensive center - Amman	1
12	Aruba JL255A 2930F-24G-PoE+	Khriebet Al Souq comprehensive center - Amman	1
13	Aruba 2930F 48G PoE+ JL558A	Khriebet Al Souq comprehensive center - Amman	2
14	Aruba 2930F 48G PoE+ JL558A	Naour comprehensive center - Amman	2
16	Aruba 2930F 48G PoE+ JL558A	Sahab comprehensive center - Amman	2
18	Aruba JL255A 2930F-24G-PoE+	Swaileh comprehensive center - Amman	1



19	Aruba 2930F 48G PoE+ JL558A	Swaileh comprehensive center - Amman	1
23	Aruba 2930F-48G-740W-PoE+	Qwaismeh comprehensive center - Amman	1

## Annex (3)

### Lot (3)

### Fortinet

#### e) Core Layer Network Devices:

48) Al Hussein Hospital – Salt:

#	Product Number	Quantity
1	FortiGate 600E	2

49) NZH – New Zarqa Hospital, Zarqa

#	Product Description	Serial Number
1	Fortinet Firewall FG-1000C	FGT1KC3914800859 FGT1KC3914800090

50) Al-Karak Governmental Hospital, Karak:

#	Product Number	Serial Number
1	FortiGate 100E	FG100E4Q17005480
2	FortiGate 100E	FG100E4Q17005078

51) Princess Salma Governmental Hospital, Madaba:

#	Product Number	Serial Number
1	FortiGate 100E	FG100E4Q17005068
2	FortiGate 100E	FG100E4Q17004874

52) South Shouneh Governmental Hospital, Balqa:

#	Product Number	Serial Number
1	FortiGate 100E	FG100E4Q17004901
2	FortiGate 100E	FG100E4Q17005252

**f) Access layer network devices:**

98) Aay Comprehensive Clinic, Karak

#	Product Number	Qty
1	FortiWiFi 50E	1

99) Al Mazaar Comprehensive Clinic, Karak

#	Product Number	Qty
1	FortiWiFi 60E	1

100) Al Rabbeh Comprehensive Clinic, Karak

#	Product Number	Qty
1	FortiWiFi 50E	1

101) Al Moqableen Comprehensive Clinic, Amman

#	Product Number	Qty
1	FortiWiFi 81F	1

102) Jubiha Comprehensive Clinic, Amman

#	Product Number	Qty
1	FortiWiFi 50E	1

103) Mansheyeh Bani Hasan Comprehensive Clinic, Mafrq

#	Product Number	Qty
1	FortiWiFi 50E	1

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