

Re-Adv- Supply Hardware for Citizen Service Center- West Bank

MDP4C1-2.a/#03.FA

Municipality Name	#	Lot 1							
		1	2	3	4	5	6	7	8
		42U Cabinet	12U Cabinet	Server	Firewall License	Firewall	Data Switch	POE Switch	Access Point
الطيبة	1			1		1	1		1
القيبية	2			1		1	\	1	1
السواحة الشرقية	3			1	1		\	1	1
كوبر	4			1			1		
عطارة	5			1		1	1		1
بيت عور التحتا	6			1			1		
المزرعة الشرقية	7			1		1	\	1	1
الجيب	8			1		1	\	1	1
باقة الشرقية	9			1	1		\	1	1
زيتا	10			1	1		1		1
نحالين	11			1	1		\	1	1
هنداذا ويردا	12			1		1	\	1	1
بيت اول	1			1			1		
جيوس	3			1		1	1		1
كفل حارس	14			1	1		\	1	1
الزبابدة	15			1			1		
جبع	16			1			1		
ميثلون	17	1		1		1	1		1
سيلة الظهر	18		1	1		1	1		1
Quantities		1	1	19	5	9	١٩	٨	15

LOT1: Data Center Equipment

1. 42U Server Rack Cabinet (Brand Name only)

Fill Brand & Model:		Comply / Not Comply
Cabinet Size	42U Floor Mount Cabinet with 4 Casters with Fixing Option	
Fans	Top with 4pcs Cooling Fans	
Side Doors	Can be Opened by side Panels	
Front and Back Doors	Front Glass door /Back sheet steel Door with swing handle lock	
Depth	at least 100 CM	
Width	at least 60 CM	
Fans	Top with 4pcs Cooling Fans (4 units included)	
Accessories	50 x sets Cage Nuts 1 x Shelf	
PDU	1 x 6 Outlets Rack mounted PDU	
Color	Black	
Installation	Full installation included onsite.	

2. 12U Wall mounted Cabinet (Brand Name only)

Fill Brand & Model:		Comply / Not Comply
Cabinet Size	12U Network Cabinet	
Fans	at least 1 Fan included	
Side Doors	Can be Opened by side Panels	
Front and Back Doors	Front Door with handle with keys	
Depth	at least 50CM	
PDU	1 x 6 Outlets Rack mounted PDU	
Mount Type	Wall mounted	
Color	Black	
Installation	Cabinet installation included on Wall and installation of equipment.	

3. Firewall Security licenses and Support to be installed for existing FG60F for 2 years

Fill Brand & Model:		Comply / Not Comply
Description	2 years renewal license for existing FG60F Firewall license same as license that exists & already installed in the municipalities.	
License	• Application control for enhanced security • Intrusion prevention system (IPS) • Advanced antivirus (AV) protection • Web filtering and antispam capabilities	
Support & Warranty	2 Years, 24x7 Support	
Serials of Existing FG60F	Please contact targeted municipalities mentioned in the table above to follow up with Fortinet (Serials: FGT60FTK20056038, FGT60FTK20057087, FGT60FTK20059214, FGT60FTK20059262, FGT60FTK2209ETZA)	
Installation and configuration	Installation and configuration included, and DMZ setup if needed.	

4. Firewall with Security licenses and Support (Brand Name only) equivalent to FG60F

Fill Brand & Model:		Comply / Not Comply
Description	Firewall with 3 years license and support	
Interfaces	Interfaces = 10 x GE RJ45 Ports + 1 Console Port or higher	
Firewall Throughput (1518 / 512 / 64-byte UDP packets)	10/10/6 Gbps	
Concurrent Sessions	700,000 or Higher	
New Sessions/Second	35,000 or higher	
IPsec VPN throughput	6.5 Gbps or Higher	
IPS Throughput	1.4 Gbps or Higher	
SSL-VPN Throughput6	900 Mbps	
Concurrent SSL-VPN Users6 (Recommended Maximum, Tunnel Mode)	at least 200 or Higher	
License	3 Years License (IPS, Advance Malware Protection, Application Control, Web Filtering, Antispam and sandboxing license) should be included	
Support	3 Year, 24x7 Support and Warranty	
Installation and configuration	included and network cables are included, DMZ should be defined, three VPN setup for remote users (IPADUser, EngUser, adminUser)	

5. Data Switch (Brand Name only) equivalent to FS124F

Fill Brand & Model:		Comply / Not Comply
Switch Ports	24x GE RJ45 and 4x 10GE SFP+	
RJ-45 Serial Console Port	1	
Form	1 RU Rack Mount	
Switching Capacity	128 Gbps or Higher	
PoE Ports	0	
PoE Power Budget	0	
Packets per Second	190 Mpps or higher	
Accessories	20-meter Patched Cord QTY=1 5-meter Patched Cord QTY=1 Installation and configuration included, and network cables included.	
RAM	At least 512 MB DDR3	
Warranty	Limited lifetime Warranty	

6. POE Switch (Brand Name only) equivalent to Fortigate FS-124F-POE.

Fill Brand & Model:		Comply / Not Comply
Switch Ports	24x GE RJ45 10/100/1000 to provide 185 Watt and 4x SFP+ Ports	
RJ-45 Serial Console Port	1	
Form	Rack mounted Switch	
Switching Capacity	128 Gbps or Higher	
PoE Ports	At least 12	
PoE Power Budget	185 Watt	
Packets per Second	190 Mpps or higher	
Accessories	20-meter Patched Cord QTY=1 5-meter Patched Cord QTY=1 Installation and configuration included, and network cables included.	
RAM	At least 512 MB DDR3	
Warranty	Limited lifetime Warranty	

7. Rack Mounted Server (Brand Name only)

Fill Brand & Model:		Comply / Not Comply
Form Factor	Rack mounted with rails kits	
Processor	2 x Intel® Xeon® Silver 4514Y 2G, 16C, 30M Cache	
RAM	128 GB (4x32GB) DDR5-5600	
Boot Storage	2 x 480GB SSD RAID1 3yr Warranty	
Data Storage	3 X 960GB SSD RAID5 3yr Warranty	
Cage	At least 8 Bay	
Network Adaptor	4 x port 10/100/1000 Gb ethernet Adaptor	
Power Supply and Cooling	Dual, Hot-plug, Redundant Power Supply. hot-plug redundant cooling fan	
RAID Controller	At least supports RAID 0/1/5	
Server Operating System	Pre-installed Window Server 2022 Genuine license with at least two Hyper-V virtual machine (licensed).	
Warranty (Parts/Onsite/Labor)	At least 3/3/3 Years	
Installation and Configuration	The vendor should perform the following: 1- Install Server at municipalities existing cabinet, Configure disks and RAID 2- Install Antivirus on server and VMs. 3- 10 Meters Patched cord x 2 connect the server on LAN/WAN 4- Define of the 2 VM in DMZ, Launch website of IIS over real IP	

8. Enterprise Access Point (Same Firewall Brand Name) equivalent to FortiAP 231G

Fill Brand & Model:		Comply / Not Comply
Type	Indoor ceiling mounted Wi-Fi access point (same brand of Firewall)	
Number of Radios	3 + 1 BLE	
Power over Ethernet (PoE)	1 x 802.3at PoE default	
Mount Kit	Installation on the False Ceiling	
Radio Frequency band	At least 5 GHz, 2.4 GHz	
Client Capacity per radio	Up to 512 Client per radio or higher	
Interfaces	1 x 10/100/1000 Base-T RJ45 , 1x Type 3.0 USB , 1x RS-232 RJ45 Serial Port	
Accessories	DC Power Adaptor, Patch Cord 0.5 Meter	
Installation	Installation and Configuration included	
Warranty	limited Lifetime Warranty	