

المواصفات الفنية الخاصة بالمناقصة العامة

رقم المناقصة : (٢٠١١/٤٥)

الخاصة بشراء وتوريد سرفرات وملحقاتها لمشروع مركز

تشغيل الشبكة مع التدريب

المؤسسة العامة للاتصالات السلكية واللاسلكية

الإدارة العامة للمشتريات والمخازن

إدارة المشتريات - قسم العقود والمناقصات

تجهيزات ومتطلبات لمشروع مركز تشغيل الشبكة

Hardware & Software Requirement

Hardware Specification	QTY
Firewall Provided with IPS module and Failover license	2
Firewall provided with Failover license	2
24Gb ports Layer 2/3 manageable Switch + 4 SFP ports	2
24Gb-ports L2 manageable Switch	2
SFP Transceivers single mode LX LH 1000Base	4
LC-FC single mode 20-meter Fiber optical Cable	2
Rack 42U with Accessories (2 fans, 3 PDU, keyboard, mouse...)	1
Rack mountable KVM switch 8 ports	1
Server	1
Anti Virus license For Exchange Server 100 users	100 users
Windows 2008 enterprise license per server	1
TRAINING	
Training in security For provided (Firewall , IPS, switch) and Router	
Windows 2008 server application infrastructure configuration 70-643	
SQL Server 2008 Designing, Optimizing and Maintaining a Database Server Infrastructure	
SQL Server 2008 Designing Database Solutions and Data Access	
SQL Server 2008 Business Intelligence Development and Maintenance	
ADO.NET	
ASP.NET Advanced web application development	
DotNetNuke Module Development	
DotNetNuke Skinning	
DotNetNuke Portal Administration and Configuration	
DotNetNuke Content Administration	
For 3 persons Outside in Authorized center with all training materials (books)	







Firewall Provided with IPS module and Failover license

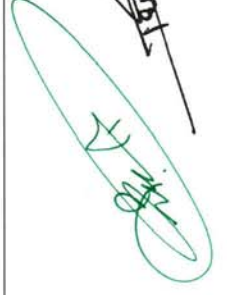
نات المظنوية	
Modular, purpose-built security appliance that delivers performance, security, routing, and LAN/WAN connectivity	
Firewall performance: minimum 450 Mbps	
IPSec VPN performance (3DES+SHA-1): 300 Mbps	
Memory: minimum 512 MB	
Concurrent sessions: 10,000	
SSL VPN license for : 25 users	
IPSec VPN Peers : 100	
Four on-board 10/100/1000 interfaces and one 10/100 interface for Management	
Address translation: NAT/PAT	
Routing: OSPF, RIP, Static Route	
Number of 802.1q VLANs: up to 10	
Rack mountable	
Failover provided license : Active/Active , Active/ Standby	
Latest version of Firewall operating system	
CPU : 2.0 GHz Intel Xeon	
RAM : 4.0 GB	
Latest Intrusion Prevention System Software	
IPS (Intrusion Prevention System)Module Specification (Which will be installed in the Firewall)	






Firewall provided with Failover license

بيانات المطلوبة	
	Modular, purpose-built security appliance that delivers performance, security, routing, and LAN/WAN connectivity
	Firewall performance: minimum 450 Mbps
	IPSec VPN performance (3DES+SHA-1): 300 Mbps
	Memory: minimum 512 MB
	Concurrent sessions: 10,000
Firewall Specification	Four on-board 10/100/1000 interfaces and one 10/100 interface for Management (Security Context or Virtualization) license : 4
	Address translation: NAT/PAT
	Routing: OSPF, RIP, Static Route
	Number of 802.1q VLANs: up to 10
	Rack mountable
	Failover provided license : Active/Active , Active/ Standby
	Latest version of Firewall operating system
	Integrated LAN Ports Four 10/100/1000BASE-T
4-GE module specification (Which will be installed in the Firewall)	Integrated SFP Ports Four (Gigabit Ethernet Optical SFP 1000BASE-SX or LX/LH transceiver supported)







Server Specification:

	المواصفات المطلوبة
General Type	2CPU,2X GB Ethernet, Rack mount
Processor	2X Quad Core Intel® Xeon® CPU 3.0GHZ - 8 MB cache Up to two sockets and two cores per socket (Rack mount)
Memory	32 GB 16X2GB 667 MHz
Display	LCD 17
Hard drives	4X146 GB 15k SATA HOT PLUG HARD DRIVE
RAID Controller	Internal RAID Controller 512 MB Support all raid technologies
Network card	2X 10/100/1000 NIC
DVD	DVD-RW Drive Internal
Power Supply & Fan	Redundant Power Supply
	Printed Documentation

Note :-

The bidder should provide the following

- Unit price of all components.
- Assemble Rack.

(Handwritten signatures and stamps)