المواصفات الفنية الخاصة بالمناقصة العامة

رقم المناقصة : (٩١/٢٠١٠)

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

Edge Server Specification:

المواصفات المطلوبة	
General Type	Clustered/ Load Balanced ,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
Hard drives	4X146 GB 15k SATA HOT PLUG HARD DRIVE
RAID Controller	Internal RAID Controller 512 MB Support all raid technologies
Tape device	Internal Tape device
Network card	2X 10/100/1000 NIC
DVD	DVD-RW Drive Internal
Power Supply & Fan	Redundant Power Supply
	Printed Documentation
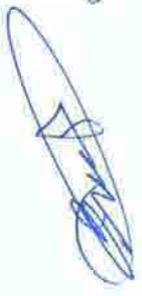
Firewall specification

المواصفات 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
Concurrent VPN tunnels: minimum 100
VPN client from Manufacturer or using Micorosft VPN client for XP , VISTA and Windows 7 (32bit & 64 bit)
Eight on-board 10/100 interfaces
Active Directory (LDAP) user authentication support.
One free module slot
Address translation: NAT/PAT
Routing: OSPF, RIP, BGP, Static, Multicast
Traffic management (QoS)
Number of configurable security zones: minimum 8
Number of 802.1q VLANs: up to 10
Scan Network traffic for viruses
WEB Filtering
Scan network traffic for Spam
Provide Intrusion prevention system
Rack mountable
Failover Support
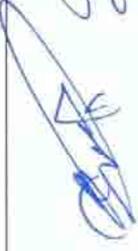
تجهيزات ومتطلبات تطوير شبكة بوابة الحكومة الإلكترونية:

Hardware & Software Requirement

Hardware Specification	QTY	Estimated Price
Firewall support IPS and Failover (with training for 3 persons Outside in Authorized center with all training materials (books ....)	2	
Firewall support Failover	2	
Layer 3 manageable Switch with 24Gb, 4 SFP ports support spanning tree ,VLAN , Qos L2 L3,	2	
24-port manageable Switch support spanning tree	2	
SPF Module single mode	4	
Rack 42U with 2 fans and PDU+ KVM switch 8 ports +keyboard mouse + LCD 17" with Accessories	1	
Server with Rack mountain kits	1	
Anti Virus license For Exchange Server 100 users	100 users	
Windows 2008 enterprise license per server	1	
Tape Drive Express (Ethernet)with accessories	1	
Training		
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	For 3 persons Outside in Authorized center with all training materials (books ....)	
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		