



احالة مدنية

تأسيس شبكة حاسوب لصالح محافظة نابلس

مناقصة	مناقصة/ استدراج
2017/207	الرقم
شركة البداوي	اسم الشركة
الأقل تكلفة والمستجيب جوهرياً	سبب الاحالة

Item	description	Qty	سعر الوحدة \$	الإجمالي \$	المواصفات
1	Rack servers	3	10350	31050	حسب ملحق المواصفات المرفق
2	San storage	1	17600	17600	حسب ملحق المواصفات المرفق
3	Core swithes	2	8200	16400	حسب ملحق المواصفات المرفق
4	Backup to disk	1	7000	7000	حسب ملحق المواصفات المرفق
5	Access switches24 port	5	1800	9000	حسب ملحق المواصفات المرفق
6	Access switches48 port	2	2400	4800	حسب ملحق المواصفات المرفق
7	Zero U PDU each have 4*c19	4	340	1360	حسب ملحق المواصفات المرفق
8	VM ware	1	1500	1500	حسب ملحق المواصفات المرفق
9	Win server2016	1	940	940	حسب ملحق المواصفات المرفق
10	firewall	1	15500	15500	حسب ملحق المواصفات المرفق
11	PC network installation	1	2050	2050	حسب ملحق المواصفات المرفق
12	مكيف حجم 1.5 طن مع control unit	1	600	600	حسب ملحق المواصفات المرفق
13	Network rehabilitation	1	2550	2550	حسب ملحق المواصفات المرفق
14	wirelessAPsystem	13	260	3380	حسب ملحق المواصفات المرفق
Total Price withVAT/\$					113730

عبد الرؤوف عساف / وزارة الاشغال العامة والإسكان

أحمد الاحمد / مؤسسة المواصفات والمقاييس

محمد ربيع
رئيس لجنة العطاءات المركزية

عضو

عضو

أحمد الاحمد / مؤسسة المواصفات والمقاييس

تعرض نتيجة الإحالة لمدة خمسة أيام عمل

من 19.12.2017 الى 26.12.2017



التاريخ :

الرقم :

المواصفات الفنية للأجهزة المحالة على شركة البداوي

1-Rack servers Quantity 3

Rack server	
Brand Name	DELL EMC POWEREDGE R640
Chassis Configuration	Rack Chassis with up to 8, 2.5" Hard Drives
Processor	Two Intel® Xeon® Gold 6130
Memory Capacity	4x32GB RDIMM. 2666MT/s. Dual Rank . 24 slots
HDDs	2 x 32GB internal SSD redundant
RAID Controller	PERICE H730P RAID Controller, 2GB Cache
Power Supply	Dual, Hot-plug, Redundant Power Supply
Embedded Systems Management	Dedicated 1G RJ-45 remote virtual management console
Network cards	- Broadcom 57412 2 Port 10Gb SFP+ + 5720 2 Port 1Gb Base-T, rNDC
HBA	Dual port 16GB FC HBA-Emulex LPe31002-M6-D Dual Port 16Gb Fibre Channel HBA, Low Profile
Rack Rails	Sliding Rails With Cable Management Arm
Internal Optical Drive	Internal DVD+/-RW, SATA
Support Services	3Yr Basic Warranty - Next Business Day on site from manufacture

2-San Storage - quantity 1

SAN Storage	
Brand Name	DELL PowerVault MD3820f, 16G Fibre
Number of Controller Nodes	2 x controllers fully redundant
power supplies	Redundant power supplies
Cache Memory	Each controller contains 8GB cache total 16GB cache
Connection	4 X 16GB FC Port per controller (total 8 x 16GB) with transceivers
Number of disk Drive	Up to 150 drives
Support HDDs :	SSD , SAS , Near Line
Number of installed drives :	21 X 1.8TB SAS 10K
RAID Levels	RAID 0,1,10,5,6
Management software included :	Storage Manager software
Standard features included :	Snapshot, clone , Thin Provisioning, VAAI, vCenter Plug-in, VASA, SRA, Self-Encrypting Drives
Warranty	3 Years parts and labor onsite from manufacture



التاريخ :

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3- Core Switches -Quantity 2

<i>Core Switches</i>	
Brand Name	Dell Networking N4032F switch
10Gb SFP+ Ports	fixed 10-Gbps SFP+ ports 24
10GB RJ-45 Ports	10GB RJ-45 Ports
POWER SUPPLY	Two Hot swappable redundant power
Switch Fabric Capacity (full duplex)	640Gbps
Layer	2/3-Layers and dynamic routing
Transceivers & cables	All required 10Gb transceivers or DAC cables to connect the servers
	All required 10GB transceivers or DAC cables to stack the switches
	All required 10GB transceivers to connect the floor switches
Warranty	3Yr Basic Warranty - Next Business Day on site
Unit Price	8200
Total Price	16,400

4- Backup to Disk quantity 1

<i>Backup to Disk</i>	
Brand Name	DELL PowerEdge T630 Server
CPU	1 x Intel® Xeon® E5-2620 v4
Memory	16 GB Memory for 2CPU (1 x 16GB RDIMM, 2400MT/s)
Hard drive bay	18 x 3.5" drive bays
HDD	2 x 300GB 10K HDDs + 9 x 6TB NL-SAS
Raid controller	RAID support RAID 1,0,5
Ethernet ports	Dual port 10GB SFP+ + 2 x 1GB base-T
Management	1GB dedicated management port with virtual remote ,console ,keyboard and mouse
Warranty	3 Years Next business day parts and labor onsite

5- Access Switches 24 ports- quantity 5

<i>Access Switches 24 ports</i>	
Brand Name	Dell Networking N1524P, PoE+,
Ports 1Gb	24x 1GB base-T
Ports 10GB	4 x SFP+
Transceivers	2 x 10GB transceivers SR
POE	POE+ on all ports
Switching capacity	128Gbps
Layer	Layer 3
Management	CLI, web, console
Warranty	3 years onsite labor and parts



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6- Access Switches 48 ports- Quantity 2

Access Switches 48 ports	
Brand Name	Dell Networking N1548P, PoE+
Ports 1Gb	48 x 1GB base-T
Ports 10GB	4 x SFP+
Transceivers	2 x 10GB transceivers SR
POE	POE+ on all ports
Switching capacity	176Gbps
Layer	Layer 3
Management	CLI, web, console
Warranty	3 years onsite labor and parts

7- PDU quantity :4

PDU	
Zero U PDU	Zero U PDU each have 4 x c19 + 20 x c13 compatible with existing cabinets

8- Installation and configuration and support - quantity 1

Installation and configuration and support	
VMware cluster	Install and configure VMware cluster on above servers
storage	Install and Configure the storage
Veeam Backup	Install and configure Veeam Backup (backup to disk and backup to tape)
Backup to disk	Install and configure Backup to disk
support	3 years local support on VMware and Veeam
Hands on training	Hands on training on all components (storage , VMware , Veeam, Switches , servers , backup to disk)

9- Win server-quantity 1

PDU	
Win server	Win server 2016 license + 5 CALs Government

10- Firewall quantity 1

Firewall	
Brand Name	SONICWALL NSA 4600
AV performance:	1 Gbps
IPS performances	2 Gbps
3DES/AES throughput:	3 Gbps
Nodes supported:	Unrestricted



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Interfaces	2 x 10GB SFP+ ; 4 x 1GB SFP; Min 4xGbE, 1GbE Mgmt
Subscription 3 years includes:	Gateway Anti-Virus, Anti-Spyware, Intrusion Prevention and Application Intelligence and Control Service; Content Filtering; 24x7 Support

11- FC network installation

<i>Fiber channel connection between switches</i>	
cable cores	4 cores
cable type	indoor OM3
patch panels	all required patch panels
termination	4 terminators per cable end (8 terminators per cable two ends)
caste	all required castes
patch cables	all required LC-ST cables OM3 to connect from patch panel to switches
This included two connection from each floor switch to the core switch with all necessary components	

12- control unit and all needed accessorie quantity : 1

<i>Cooling control unit</i>	
Brand Name	Control Unite
	Cooling control unit that run the two ACs frequently, everyone run for 2 hours A temperature sensor will run the two ACs if the temperature. Reaches 25c Included installation and compatible with existing ACs

13- Network and power rehabilitation

<i>Network rehabilitation</i>	
	Rehabilitation existing network cables ,patch panels , sockets ,cabinets and other electrical works

14 Wireless Quantity 13

<i>Wireless Access point</i>	
Brand Name	Aruba 103 Access Point
	Wireless APs indoor Autosense Giga Ethernet Port Base T, POE port 802.3af, Wi-Fi Standards IEEE 802.11a/b/g/n , 2.4GHz and 5GHz Dual Radio 2.4Ghz & 5GHz simultaneously 2.4GHz up to 300Mbps with at least 4dBi 5GHz up to 300Mbps with at least 4dBi Concurrent Connections up to 120 users per AP Support for up to 255 associated client devices per radio, and minimum up to 16 BSSIDs per radio Auto AP Software integrated down-tilt Omni-directional antennas for 2x2 MIMO Wireless security WPA-PSK, WPA-TKIP, WPA2 AES



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	<p>Authentication via 802.1X internal authentication database, support for external RADIUS, LDAP, and AD Wall / ceiling Mounting Kit Warranty 3 years onsite Wireless Controller (Virtual) Controller to manage Aps up to 50 APs built in authentication server transparent roaming between APs Built in Mac Authentication supports external radius / LDAP built in automatic RF management to best select available channels to avoid interference</p>
	<p>built in Next Generation Firewalling built in Wireless intrusion detection and prevention built in guest captive portal and support for external captive portal ready to manage AP's from central replicated configuration ready to monitor clustered APs and users traffic band width control per SSID or per User controller should support guest manager with sub-admin so guest manager can only create and delete guest users</p>