

البنية التحتية للمعلومات بالمؤسسة

المواصفات الفنية لتوريد وتركيب أجهزة كمبيوتر مع ملحقاتها

إدارة تكنولوجيا المعلومات

1. Desktops

1.1 Catg #1

(10)

Processor	Core i7 Intel Processor (2.50GHz,2MB cash L2,1333)
Hard Disk	500 GB SATA Hard Drive (7,200rpm)
RAM	8GB, SDRAM SDRAM FBD Memory,667MHz,ECC
DVD Room	Read DVD Drive with writing software.
Monitor	17" LCD
Graphics Card	1 GB shard from ram
K/M	A/L 101 Keyboard, Optical 2Button Mouse with scroll
Network Interface	GB Network Interface
Operating System	Original Windows 7 64bit Professional with Media

1.2 Catg #2

(15)

Processor	Core i5 Intel Processor (2.50GHz,2MB cash L2,1333)
Hard Disk	500 GB SATA Hard Drive (7,200rpm)
RAM	4GB, DDR2 SDRAM FBD Memory,667MHz,ECC
DVD Room	Read DVD Drive with writing software.
Monitor	17" LCD
Graphics Card	512 MB shard from ram
K/M	A/L 101 Keyboard, Optical 2Button Mouse with scroll
Network Interface	GB Network Interface
Operating System	Original Windows 7 64bit Professional with Media

2. Laptops

2.1 Catg #2

(4)

Processor	Intel Core i5 (2.5 GHz. Or higher) Cash memory 2 MB.
Mother Board	Intel Original 1066 FSB
Hard Disk	500 GB Capacity,SATA 7200 RPM Speed.
Memory	8 GB DD RAM
DVD Room	Read DVD Drive with writing software.
Monitor	14 " LCD
Network adapters	GB Ethernet , Bluetooth, wireless
Internal Cards	Graphics 1GMB.. Sound Card class one
Accessories	Leather Carrying Case. USB Scroll Laser mouse.
Software	Original Windows 7 64bit Professional with Media

2.2 Catg #2

(8)

Processor	Intel Core i3 (2.5 GHz. Or higher) Cash memory 2 MB.
Mother Board	Intel Original 1066 FSB
Hard Disk	250 GB Capacity,SATA 7200 RPM Speed.
Memory	4 GB DD RAM
DVD Room	Read DVD Drive with writing software.
Monitor	14 " LCD
Network adapters	GB Ethernet , Bluetooth, wireless
Internal Cards	Graphics 1GMB.. Sound Card class one
Accessories	Leather Carrying Case. USB Scroll Laser mouse.
Software	Original Windows 7 64bit Professional with Media

3. 10 KVA UPS (2)

Input/output	Input 230 V /Output 230 V for a minimum connection to three servers with dual power supplies
Specifications	Automatic Self Test, Automatic Voltage Regulation (AVR)
Run Time	Minimum 15 minutes with the ability of proper shutdown of server
Communication	RJ 45 Ethernet 100 MB
Shut down software	Centralized Software to manage all servers with client application
Compatible	MS windows 2003, 2008 Server.

4. Laser Fax Machine (2)

Print Method	Laser
Modem Speed (Kbps)	14.4
Paper Tray Capacity	Max 220 Sheets (LTR)
Out of Paper	up to 170 pages
Automatic Document Feeder	20 pages
Resolution	photo/super fine/fine/standard
Broadcasting	Yes, 3 Keys, 20-Station
One-Touch Stations	5x2
Speed Dial Stations	up to 122
Print Resolution	600 x 600 dpi

5. A3 Color Scanner (1)

<ul style="list-style-type: none"> • A3 scanning area • Up to 15 ppm duplex automatic document feeder • 600 x 1200 dpi resolution • 64-bit color • Automatic document size recognition • auto Feeder Multipurpose size up to 50 sheet • Network able out of the box & USB Connection

6. A4 Color Scanner (2)

<ul style="list-style-type: none"> • A4 scanning area • Up to 15 ppm duplex automatic document feeder • 600 x 1200 dpi resolution • 64-bit color • Automatic document size recognition • auto Feeder Multipurpose size up to 50 sheet • Network able out of the box & USB Connection

7. A4 Laser Printer (15)

Print Speed	35ppm mono A4, 18.5ppm mono
Processor Speed	Power PC 300MHz
Print Technology	Laser
Resolution	1200X1200
Paper Trays	Two Paper Trays to host up to A4 size paper
Duplex	Duplex printing
Memory	Minimum 64 MB
Connectivity	USB, Internal 10/100 Base.
Paper Input	500 Sheets

8. A0 Color Plotter PostScript (1)

Item	Specifications
Media Size	42" (A0)
Media Handling	Single sheet feed, roll feed, automatic cutter
Print Technology	Thermal Inkjet
Resolution	Minimum 1200X1200
Print Languages	Adobe PostScript3, HP-GL/2, HP RTL standards
Memory	160 MB
Connectivity	Centronics Parallel, USB, 10/100 Base-Tx internal print server.

9. Network Components

9.1 LAN Switch (3)

Speed	Unmanaged 10/100/1000 Mbps Auto sense
Ports	24 Port
Duplex	Full Duplex

9.2 Network Cabinet (2)

Size	15 U Wall Mounted
Patch Panel	24 Port Patch Panel
Accessories	Cooling Fan, One shelf, Internal Lamp, power extension to host all active components, glass door
UPS	1 KVA Rack mounted

9.3 Network & Electricity Node (20)

Type	RJ 45, Auto Shut
Patch Cord	Minimum Cat 5e
Drop Cable	Minimum 1.8 meter Cat 5e UTP cable
UTP Cable	Minimum CAT 5e UTP
Installation	Complete Installation from PC to the network cabinet including the electricity connection to the UPS

9.4 Wireless Network Access point (3)

Standards:	IEEE 802.11b, IEEE 802.11g, IEEE 802.3, IEEE802.3U, IEEE802.3af
Data Rate	For802.11g: 108, 54, 48, 36, 24, 18, 12, 9 and 6Mbps For802.11b: 11,5.5, 2, andl Mbps
Wireless Frequency Range	2.4GHz to 2.4835GHz
Antennas	Dual 5dBi Gain detachable diversity dipole antennas with reverse SMA connectors
Wireless Operating Range*	802.11g (Full Power with 5dBi gain diversity dipole antennas): Outdoor: 112 m (367 ft) @ 54Mbps

10. Finger Print

Items	Specification
Template Capacity	100,000 Templates (100,000 users)
Log Capacity	500,000 Events
Cards Supported	125 KHz Proximity Card (AC-6000RF) 13.56 MHz Smart Card (AC-6000SC)
Operation Mode	Fingerprint, Card, PIN
LCD Display	4.8 inch color touch LCD
Communications	RS-485, RS-232, Wiegand In & Out
PC Interface	TCP/IP, USB, Wireless LAN (optional)
USB memory slot	USB Host & USB Device
Lock Control	2port Control Motor Lock or 1port Control EM/Strike/Deadbolt Lock
Fingerprint Sensor	500Dpi Optical Sensor
Fake Fingerprint Detection	Paper, Film, Rubber, Silicon, etc
Digital Camera	1.3M Pixel
FRR / FAR	0.1% / 0.0001%
Supply voltage	DC 12V ~ 24V
Operation Environment	-20 ~50jÆ / Lower than 90% RH (Non-condensing)
Dimension	197.5(W) X 119.3(H) X 46.8(D) mm

11. Black Photocopier

(1)

Type	Digital Multifunction
Technology	Laser
Media Size	UP to A3 paper size
RAM	512 MB
Multiple copy	Minimum 50 Copies
Resolution	1200 X 600 as copy,2400 X 600 Print
Paper Supply	One Tray for A4 Size,One Tray A3 size
Connectivity	Internal RJ 45,USB Connection
Features	Ability to color scan, create PDF file and send to mail boxes, Automatic Document feeder

12. Software

12.1 Microsoft Product.

- Windows 2008 Server Enterprise Edition R2 (Open User).

12.2 Antivirus.

- ESET Node 32,64 Bit Antivirus Server Endpoint Protection for 150 Clients with the updates till Dec, 2014.

13. External HD : 7200 RPM , 2 TB Capacity.

General Condition:

- 1- All the above items must be Brand Name.
- 2- The warranty for all items is minimum 2 years.

Bill of Quantity

No	Item	Qty	Unit Price US\$	Total US\$	Note
1	Personal Computers				
1.1	Catg#1	10			
1.2	Catg#2	15			
2	Laptops				
1.1	Catg#1	4			
1.2	Catg#2	8			
3	UPS KVA				
	10 KVA UPS	2			
4	Laser Fax Machine	2			
5	A3 Color Scanner	1			
6	A4 Color Scanner	2			
7	A4 Laser Printer	15			
8	A0 Plotter	1			
9	Network				
9.1	LAN Switch	3			
9.2	LAN Cabinets	2			
9.3	Network & Electricity Node	20			
9.4	Wireless Access Points	3			
10	Finger print	2			
11	Black Photocopier	1			
12	Software				
12.1	Windows 2008 64bit Server Enterprise Edition R2 (Open User)	2			
12.2	ESET Node 32,64 Bit Antivirus Server Endpoint Protection for 100 Clients	1			
13	External HD	4			
Total Summary US\$					
Taxes					
Customs					
Total Summary					

The price for each items has to be filled without taxes and customs.
The taxes and customs to be filled as a total.