المواصفات الفنية الخاصة بالمناقصة

رقم المناقصة : (2014/06)

الخاصة بشراء وتوريد المجموعة الأولى :(كمبيوترات مكتبية – كمبيوترات محمولة – شاشات كمبيوتر)

المجموعة الثانية :) فاكسات – طابعات – قارئ باركود– طابعات باركود – اسكانر)

المجموعة الثالثة :) خازنات كهربائية UPS)

المؤسسة العامة للاتصالات السلكية واللاسلكية

الإدارة العامة للمشتريات والمخازن

إدارة المشتريات – قسم العقود والمناقصات
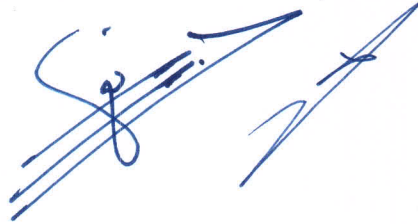
Group 1 المجموعة الأولى:

No.	Item	Qty.
1	Desktop Computer	264
2	Laptop	25
3	LCD Monitor	10

Group 2 المجموعة الثانية :

No.	Item	Qty.
1	Fax	33
2	Black& white Laser printer	112
3	Barcode Printer	24
4	Barcode Scanner	48
5	A4 Scanners	10

Estimated Price for group 3 المجموعة الثالثة:

No.	Item	Qty.
1	UPS 750 VA	180
2	UPS 2000 VA	4

Desktop Specifications:
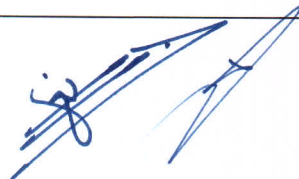
Item	Specifications
Type	Shall be Brand Name
Processor	Intel® Core™ i5 (3.x) Third Generation
Memory	4GB DDR3
Hard drives	500GB
Optical Drives	Super Multi DVD Writer
Graphics card	Integrated.
Network card	10/100/1000 NIC
Monitor	18.5"
Mouse	USB 2-Button Optical Scroll Mouse
Keyboard	USB Standard Keyboard Arabic/English
Operating System	**Windows 7 preinstalled**
Warranty	One Year

Laptop Specifications:

Item	Specifications
Type	Shall be Brand Name
Processor	Intel® Core™ i5 (3.x) Third Generation
Memory	6GB DDR3
Hard drives	750 GB SATA
Optical Drives	Super Multi DVD Writer
Graphics card	1 GB Dedicated
Network card	10/100/1000 NIC
Monitor	14"
Keyboard	Standard Keyboard Arabic/English
Operating System	**Windows 8 Original**
Bag	**Yes Required**
Warranty	One Year

LCD Monitors:

Item	Specifications
Type	LCD Brand Name
Size	18.5
Warranty	One Year

1)-FAX Specifications:

Specification	Description
Print Method (laser)	Laser
Memory	Not less than 16MB
Print Speed	At least up to 15 PPM
Paper Tray Capacity	At least 150 sheets
ADF Capacity	15 sheets
LCD Display	Yes
Fax Modem Speed	33.6 Kbps
Transmission Speed 1	Appro. 6 seconds per page
Quick Scan	Yes
Data Compression System (Coding System)	MH/MR/MMR
Out of Paper Reception 2	Yes
Print Resolution	600 x 600 dpi
Memory Copy Speed	At least 10 CPM
Resolution (Copier)	At least 200 x 300 dpi
Multi-Copy	up to 99
Power Supply	220 V

2)- Black & White Network Laser Printer:

Specification	Description
Model	Laser
Print speed	At least Up to 28 ppm
First page out (black)	Less than 8.5 sec
Monthly duty cycle	Not less than 12,000 pages
Print quality, black	Up to 1,200 x 1,200 dpi effective output
Cartridges	1 (black)
Paper tray(s), standard	1
Paper tray(s), maximum	2 (1 plus 50-sheet multipurpose input tray)
Input capacity, standard	250-sheet input tray
Emulation	PCL6/5e
Media sizes, standard	A4
Media types	Paper (bond, light, heavy, plain, recycled, rough)
Memory, standard	Not less than 16 MB
Processor speed	Not less than 260 MHz
Connectivity, standard	USB 2.0, fast Ethernet 10/100 built in.
OS Compatibility	Windows 8/7/2008/Vista/2003/XP

3)- Multifunction B&W Copier /printer / Scanner Specifications:

Item	SPECIFICATIONS
Print / Copy Speed	At least Up to 20 ppm
Warm-up Time / First Copy Time	18 seconds / 10.5 seconds
Processor	At least 400MHz
Memory	At least 64 MB
Copy feature	25-200% in 1% increments
Automatic feeder	Required 50 page Auto Reverse
Print Resolution	600 x 600 dpi / 1,200 x 1,200 dpi
Interface	Fast Ethernet 10/100BASE-TX, Hi-Speed USB 2.0
Page Description Language	PCL6
Scan Resolution	Up to 600 × 1200 dpi
Scan File Formats	PDF, Secure PDF, JPEG, TIFF, XPS
Scan Features	Color Scanning, Duplex, Scan-to-Email, Scan-to-USB, Scan-to-FTP, Scan-to-Network
Scan Drivers	TWAIN and WIA (WIA compliant w/Windows XP/Windows Vista/Windows 7)
Paper Tray	250 A4 sheets.
OPERATING SYSTEM COMPATABILITY	Windows XP Home, Windows XP Professional (x32/x64), Windows Vista, Windows 7, Windows Server 2003 (x32/x64), Windows Server 2008 (R1/R2)

4)- Barcode Solution:

- Barcode Printer:

Item	Specifications:
Print Method	Direct Thermal
Printer Type	Desktop
Interface Options	Serial, USB
Print Resolution	Not less 203 dpi
Graphic Features	Supports user-defined fonts and graphics—including custom logos
Install ribbon	Quick and easy ribbon loading
O.S Support	Windows 7,XP
Memory	Not less than 4 MB Flash; 8 MB SDRAM
Programming language:	EPL and ZPL are standard
Cutter	Reliable Built-in automatic cutter
Software	Barcode and label design/ print Software application
Power	220VAC, 50-60Hz
Warranty	One Year

-Barcode Scanner:

Item	Specifications:
Type	Handheld
Connectivity Technology	Cable
Connection	USB
Scan Type	laser
OK Notification	Beeper, LED indicator
Compliant Standards	CSA 22.2 No. 950, IEC950, EN 60950, UL 1950, ICES-003, FCC Class B certified
Decoding	Decoded
Environmental	RoHS
Included Accessories	Stand and USB cable and software drivers.

5)- Scanners:

Item	Specifications:
Type	Desktop Color Flatbed Scanner
Resolution	2400 dpi
Connection	Hi speed USB
Scan speed	At least 16 sec.
Maximum document size	A4 / Letter [216 x 297 mm
Supported Operating Systems	Windows 8 (32 and 64bit) Windows 7 (32 and 64bit) Windows Vista (32 and 64bit) Windows XP (32bit)
Warranty	One Year

General requirement Description

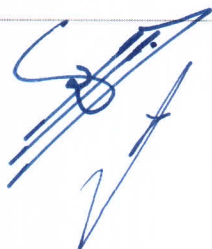| ITEMS	Comments
Equipment:	• The proposed equipment must be original and new and they are not in the out-of-sale or out-of-life phase and they must be in the market for at least the coming three years before they become out-of-sale and out of life.
Warranty	• At least one Year.

1)_UPS 750VA Specification:

Model	Parameter	PTC Specification
Capacity	VA/W	**750VA**
Input	Phase	Single
	Voltage	220VAC
	Voltage range	170-280VAC
Output	Phase	Single
	Voltage	230VAC
	Voltage regulation (battery mode)	±10%
	Frequency	50Hz
	Frequency regulation (battery mode)	± 0.1Hz
	Output waveform (battery mode)	Modified sine wave
P.F.	Power factor	(should be mentioned here by Supplier)
Battery	Charger current	(should be mentioned here by Supplier)
	No. of batteries	(should be mentioned here by Supplier)
	Capacity Ah	(should be mentioned here by Supplier)
	Overcharge protection	charger stops and fault
Transfer time	Typical	(should be mentioned here by Supplier)
Efficiency	AC to AC	>95%
	DC to AC	>80%
Indicator lamps	AC mode	(should be mentioned here by Supplier)
	Battery mode	(should be mentioned here by Supplier)
	Battery charging mode	(should be mentioned here by Supplier)
	Overload	(should be mentioned here by Supplier)
	Fault	(should be mentioned here by Supplier)
Audible alarm	Low battery at battery mode	Sounding
	Overload	Sounding
	Fault	sounding
Protection	Full protection	Deep discharge, overcharge, and overload protection
Physical	Dimension(DxWxH) mm	(should be mentioned here by Supplier)
	Net weight (Kg)	(should be mentioned here by Supplier)
Environment	Operating environment	0~40 degrees centigrade, 0~90% relative humidity (non-condensing) / 2250 a.s.l
	Noise level	Less than 50dB

2- UPS 2000VA Specification:

Model	Parameter	PTC Specification
Capacity	VA/W	**2000VA**
Input	Phase	Single
	Voltage	220VAC
	Voltage range	170-280VAC
Output	Phase	Single
	Voltage	230VAC
	Voltage regulation (battery mode)	±10%
	Frequency	50Hz
	Frequency regulation (battery mode)	± 0.1Hz
	Output waveform (battery mode)	Modified sine wave
P.F.	Power factor	(should be mentioned here by Supplier)
Battery	Charger current	(should be mentioned here by Supplier)
	No. of batteries	(should be mentioned here by Supplier)
	Capacity Ah	(should be mentioned here by Supplier)
	Overcharge protection	charger stops and fault
Transfer time	Typical	(should be mentioned here by Supplier)
Efficiency	AC to AC	>95%
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Indicator lamps	AC mode	(should be mentioned here by Supplier)
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	Battery charging mode	(should be mentioned here by Supplier)
	Overload	(should be mentioned here by Supplier)
	Fault	(should be mentioned here by Supplier)
Audible alarm	Low battery at battery mode	Sounding
	Overload	Sounding
	Fault	sounding
Protection	Full protection	Deep discharge, overcharge, and overload protection
Physical	Dimension(DxWxH) mm	(should be mentioned here by Supplier)
	Net weight (Kg)	(should be mentioned here by Supplier)
Environment	Operating environment	0~40 degrees centigrade, 0~90% relative humidity (non-condensing) / 2250 a.s.l
	Noise level	Less than 50dB

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