

المواصفات الفنية الخاصة بالمناقصة العامة

رقم المناقصة : (2013/29)

الخاصة بشراء وتوريد (كمبيوترات + طابعات + محلات

الشبكة + محلات كهربائية + UPS)

المؤسسة العامة للاتصالات السلكية واللاسلكية

الإدارة العامة للمشتريات والمخازن

إدارة المشتريات - قسم العقود والمناقصات

1- Router Specifications:

General:	
Device Type	Router
Connectivity Technology	Wired
Data Link Protocol	Ethernet, Fast Ethernet, Gigabit Ethernet
RAM	512 MB (installed)
Flash Memory	256 MB (installed)
Routing Protocol	OSPF, IS-IS, BGP, DVMRP, PIM-SM, static IP routing, IGMPv3, GRE, PIM-SSM, static IPv4 routing, static IPv6 routing, policy-based routing (PBR), MPLS
Remote Management Protocol	SNMP, RMON
Encryption Algorithm	SSL
IPv6 Support	Yes
Compliant Standards	IEEE 802.3ah, IEEE 802.1ah, IEEE 802.1ag
Status Indicators	Link activity, power
Expansion / Connectivity:	
Interfaces	2 x 10Base-T/100Base-TX/1000Base-T - RJ-45 Management : 1 x console - RJ-45 Management : 1 x console - mini-USB Type B Serial : 1 x auxiliary - RJ-45 USB : 2 x 4 PIN USB Type A
Expansion Slot(s)	<ul style="list-style-type: none">• 2 (total) / 2 (free) x Interfaces/Ports: 4 x 10/100/1000Base-T WAN 2 (total) / 1 (free) x CompactFlash Card 1 (total) / 1 (free) x ISM
Power:	
Power Supply	AC 120/230 V
Software / System Requirements:	
OS Provided	Latest Operating System.
Warranty:	Shall be One Year.

2- Desktop PC specifications:

Specification	Description
Type Processor	Brand Name Intel® Core™ i5 Third Generation
Memory	4GB DDR3
Hard drives	500GB
Optical Drives	Super Multi DVD Writer
Monitor	18.5"
Graphics card	Integrated.
Input device	USB 2-Button Optical Scroll Mouse
Keyboard	USB Standard Keyboard
Network card	10/100/1000 NIC
Operating System	Win 7 pre-installed



3- **Printers:**

Specification	Description
Model	Laser
Print speed	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 7/2008/Vista/2003/XP

4- **Rack Specifications:**

Description:	9U Wall Mounted Cabinet with 1 Fan, 19" Mountable, 6way PDU
Applications:	To mount 19" networking or Data Equipment.
Resistance:	International popular Black color and phosphate treatment for rust prevention, electrostatic powder spraying. Cable Entry: Top & Bottom
Doors:	Toughened Glass door in front, Metal Doors in the rear and side
Security Feature:	Key lock & Latches in the front and side doors
Mount Management:	19"
Fan:	High Speed Heat Dissipating Fan Powder Distribution Unit Voltage 110-240v 6way -5AMP
Frame Concept:	Perforated on top, side & bottom to reduce heat within the cabinet
Compatible Devices for Mounting:	24/48port Patch Panel, Fiber Optic Patch Panel (1U-9U), Cable Management & Network Switches.

General requirement Description

ITEMS	Comments
Equipment:	GENERAL TERMS AND CONDITIONS : <ul style="list-style-type: none">- The financial offer must be clear and in details as a unit price.- The IOS of the Routers must be last version.- All hardware warranty must be at least one year warranty.<ul style="list-style-type: none">• All hardware and accessories are original ,new ,unused , of the most recent or current models , and that they incorporate all recent improvements in design and materials.• The supplier shall not propose end-of-life ,or soon to be end-of-life products or technologies.• All software /firmware are the latest version with at least six(6) months of testing.



Quantity Table:

Item	Specification	Quantity
Router	Router	1
Switch	Switch 10/100/1000 24 port	21
PC	Brand PC	63
Printer	Network Printer	21
UTP	UTP Cat 6 Cables 305M	12
Patch Panel	24 Port Patch panel cat 6, منافذ مستقلة وقابلة للحركة	21
PDU	Power Distributed Unit	21
Rack	Brand 9 Unit Standard black Rack	21
UPS	3KVA	21
Data Socket	Data Socket Rj-45 + العلب	126
Rj 45	Rj-45 good quality	1000
Trunk	Trunk 25*40 3m	504 حبه
power sockets	AC power sockets 13A مزدوج	126
power Cable	AC power Cable 2.5m 3line (flex جيد)	1050m
Power	قاطع كهرباء رئيسي مزدوج 100A مع ستة فواطع فرعي و طابلون كهرباء	21

