

**LOT NO 1**  
**DESKTOP PC**

S#	Item	Description	Qty	Unit Price	Total Price
	Foreign Brands:	<b>Dell, IBM, HP/Compaq, Acer, Fujitsu Siemens</b>	<b>294</b>		
	Local Brands	<b>Raffles, Inbox, CTI, Akhtar, Startec, Mango PC, Ikon</b>			
1	Processor Intel Pentium 4 processor	Pentium-4 3.0 GHz with Built-in 1 MB L2 Cache and 800 FSB or higher			
2	Mother Board	Intel Original (for Local Branded Systems) or Intel Chipset (For Foreign Branded Systems) supporting up to 800 MHz Bus Speed and DDR/DDR2 Support			
3	Memory	256-MB or higher DDR 333-Mhz or higher or DDR-2 with 533 MHz			
4	Hard Disk Drive	Min 40GB with 7200 RPM or higher			
5	CD ROM	48x or higher compatible with Windows XP and Linux			
6	Floppy Disk Drive	1.44 MB (3.5") Standard			
7	Display Card	On- Board Video Graphics display card			
8	Sound Card	On- Board Audio			
9	Network Adapter	Built-in 10/100base-T Ethernet card (Win2000, Windows XP, Red Hat Linux Supportive)			
10	Monitor (Same Brand in case of Foreign Branded)	17" Low Radiation, 1024 x 768 Resolution supportive or higher			
11	Mouse & Key Board	Standard			
12	Casing	ATX Tower having FAN with 300 Watt or higher Power Supply (38 C-Thermally Advantage Chassis) for Local Branded. For foreign branded 250 watt or higher compatible.			
13	Operating System Support	MS Windows XP Professional (licensed)			
14	I/O Interfaces and Expansion Slots	4 USB ports, One Parallel Port, min three PCI, etc.			
15	Fax Card	Internal 56 Kbps V.90/92 Compliant factory installed			
<b>Total</b>					
<b>NOTE:</b>					
1- <b>3 Years Parts and Labor warranty for all components on site by the Manufacturer</b>					
2- <b>Maximum of 48 hours down time for all components including replacement of the whole unit anywhere in the province. The hardware equipment will be installed through out the Punjab province by the selected vendor. The vendor must elaborate its capabilities for providing after sales services in all</b>					

**the districts and Tehsils of Punjab Province.**

**3- The bids will be evaluated according to the criteria mentioned in the bidding document. bidders should clearly mention Terms and Conditions of service agreements for the supplied hardware equipment after the expiry of initial warranty period**

**4- In case of International Warranties, the local authorized dealers should mention their service and warranty setup, details of qualified engineers, etc.**

**5- The hardware equipment will be the responsibility of the vendor to install on the prescribed locations given by the ITD. The locations are as follows**

**5 Computers each to all the 34 Districts of Punjab. The contact person will be EDO-IT**

**1 Computer each to all the 124 Tehsils of Punjab. The contact person will be TMO**

## LOT # 2 UPS

S#	Item	Details	QTY	Price
	<b>Brands</b>	<b>MGE , APC, RIELLO, TRIPPLITE</b>		
1	UPS 5KVA	5 KVA or Higher with dry batteries, Lien Interactive, Surge Protection, True sign Wave, 10-15 Minutes backup time with other features. Monitoring software 3 year on site parts and labour warranty.	<b>34</b>	
1	UPS 500VA	500 VA or Higher with dry batteries, Lien Interactive, Surge Protection, True sign Wave, 8-10 Minutes backup time with other features. Monitoring software 3 year on site parts and labour warranty.	<b>294</b>	
<b>NOTE:</b>				
1- <b>3 Years Parts and Labor warranty for all components on site</b>				
2- <b>Maximum of 48 hours down time for all components including replacement of the whole unit anywhere in the province. The hardware equipment will be installed through out the Punjab province by the selected vendor. The vendor must elaborate its capabilities for providing after sales services in all the districts and Tehsils of Punjab Province.</b>				
3- <b>The bids will be evaluated according to the criteria mentioned in the bidding document. The bidders should clearly mention Terms and Conditions of service agreements for the supplied hardware equipment after the expiry of initial warranty period</b>				
4- <b>In case of International Warranties, the local authorized dealers should mention their service and warranty setup, details of qualified engineers, etc.</b>				
5- <b>The hardware equipment will be installed on the prescribed locations given by the ITD. The locations are as follows 500 VA quantity (5) and 5 KVA quantities (1) UPS each to all the 34 Districts of Punjab. The contact authority will be EDO-IT 1 UPS each to all the 124 Tehsils of Punjab. The contact authority will be TMO .</b>				

## Lot # 3 Printers, Scanners

S#	Item	Description	Quantity	Price
		<b>HP, Canon, Xerox, Lexmark, Epson, Samsung</b>		
1	Light Duty Laser Printer	14 PPM or Higher, 8MB RAM, with Network Option, 1200 dpi or higher, Low Ink indicator, Print cancel button, Legal, A4 size paper with other standard features of the manufacturer	192	
2	A 4/ Legal Size Scanner	Plug and Play with USB port, 1200 Dpi, Flat Bed, A4/ Legal Size, with other standard features of the manufacturer	158	

**NOTE:**

**1- 3 Years Parts and Labor warranty for all components on site**

**2- Maximum of 48 hours down time for all components including replacement of the whole unit anywhere in the province. The hardware equipment will be installed through out the Punjab province by the selected vendor. The vendor must elaborate its capabilities for providing after sales services in all the districts and Tehsils of Punjab Province.**

**3- The bids will be evaluated according to the criteria mentioned in the bidding document. The bidders should clearly mention Terms and Conditions of service agreements for the supplied hardware equipment after the expiry of initial warranty period**

**4- In case of International Warranties, the local authorized dealers should mention their service and warranty setup, details of qualified engineers, etc.**

**5- The hardware equipment will be installed on the prescribed locations given by the ITD. The locations are as follows**

**2 Printers and one Scanner each to all the 34 Districts of Punjab. The contact person will be EDO-IT**

**1 Printer and one scanner each to all the 124 Tehsils of Punjab. The contact person will be TMO**

**LOT NO 4**

**NETWORKING DCO / NAZIM OFFICES FOR 34 DISTRICTS**

**(ACTIVE EQUIPMENT) BRAND NAME : Cisco**

<b>S#</b>	<b>DESCRIPTION</b>	<b>Qty</b>	<b>Unit Price</b>	<b>Total Price</b>
1	Cisco 2600 Series IDS/Firewall enable Router, 10/100 Ethernet Router w/ Cisco IOS IP, AC Power Cord, UK, Cisco 2600 Ser IOS IP/FW/IDS, One-port Analog Modem WAN Interface Card, 1-Port DSL WAN Interface Card (dial and leased line), 32 to 96MB DRAM factory upgrade for Cisco 261x/2xXM, 16 to 32 MB Flash Factory Upgrade for the Cisco 2600XM, Device manager for routers, etc	34		
2	WS-C2950-24 port, 10/100 Catalyst Switch, Standard Image only	34		

**PASSIVE EQUIPMENT**

**BRAND NAMES FOR PASSIVE EQUIPMENT: Lucent/Avaya, Amp, Nordx, 3M**

**UTP Cable & Accessories (Passive Equipment)**

1	UTP Cat 6 Cable (Roll=1000FT)	102		
2	Face Plate Dual Insert with Single I/O & Back Box CAT 6	748		
3	Patch Panel CAT 6 24 Port	34		
4	Patch Cord 1 Meter CAT 6	748		
5	Patch Cord 3 Meter CAT 6	748		
6	Channel 16 * 25 (10FT Length)	408		
7	Channel 25 * 40 (10FT Length)	408		
8	Cabinet 42U Self Supported Double Section, for Servers and Network Equipment, with Internal power cabling, cooling fan	34		
9	UTP Cable Laying & Termination Charges , Configuration and Testing	102000		
10	Power/Electric cabling for Switches	34		
11	Installation and Configuration charges for active equipment to be installed at 34 districts of Punjab	34		
<b>Total</b>				

**NOTE:**

- 1- **For Networking LOT only Cisco Partners (premier or above) for Pakistan are eligible for participate.**
- 2- **1 Year Parts and Labor warranty for Cisco routers for all components on site**
- 3- **Maximum of 48 hours down time for all components including replacement of the whole unit anywhere in the province. The vendor must elaborate its capabilities for providing after sales services in all the districts and Tehsils of Punjab Province.**
- 4- **The bids will be evaluated according to the criteria mentioned in the bidding document. The bidders should clearly mention Terms and Conditions of service agreements for the supplied hardware equipment after the expiry of initial warranty period**
- 5- **In case of International Warranties, the local authorized dealers should mention their service and warranty setup, details of qualified engineers, network design training plan as mentioned in the evaluation criteria .**
- 6- **The networking equipment must be fully laid down by the selected vendor firm on the prescribed locations given by the ITD. The executive District Officer (IT) at each District will be contact person for laying of LAN, surveys/measurements, etc. or any other information required for the successful completion of the project.**
- 7- **The contracted firm shall carry out all the required/recommended/standard tests for passive and active equipment and will provide certification from the original manufacturer.**
- 7- **The selected vendor shall be responsible to provide the original import documents of the**

imported goods along with the verification letter of the serial/tag numbers of the supplied equipment from the principal manufacturer.

<b>LOT NO 5</b>					
<b>Item#1 Server (Medium Range)</b>					
<b>TO BE INSTALLED AT 34 DISTRICT NAZIM/DCO OFFICES</b>					
	<b>FOREIGN BRANDS</b>	<b>IBM, Compaq/HP, Dell, Acer, Fujitsu Siemens</b>			
			<b>Qty</b>	<b>U/Price</b>	<b>T/Price</b>
<b>S#</b>	<b>Item</b>	<b>Description</b>	<b>34</b>		
<b>1</b>	Processor	<b>2 x Intel Xeon 3.0GHz with built-in 1MB L2 Cache</b>			
<b>2</b>	Mother Board	Server Board Server Chipset with DUAL Processor Scalability (Upgradeability)			
<b>3</b>	ECC Memory	1GB ECC PC-2700 DDR Memory, 333-MHz BUS expandable to 12GB Support			
<b>4</b>	Hard Disk Drive	<b>5 x 73GB</b> SCSI Ultra320 Disk Drives with 10,000rpm or Higher, Hot Swappable			
<b>5</b>	Drive Controllers	Integrated Ultra320 Dual Channel SCSI			
<b>6</b>	I/O Expansion Interfaces	4 x 64-bit PCI based slots with 2 hot-pluggable slots			
<b>7</b>	RAID Controller	Dual Channel, Ultra320 SCSI RAID controller for RAID 1 and 5 with 128MB Cache.			
<b>8</b>	CD ROM Drive	Standard			
<b>9</b>	DAT Drive	DDS-5 Internal 36/72 GB			
<b>10</b>	Floppy Drive	Standard 1.44 MB (3.5")			

11	Display Card	Video Graphics display with 8 MB RAM or higher (NT & Win 2000, Red Hat Linux Supportive)			
12	Network Adapter	Built-in Dual Gigabit Ethernet (NT & Win2000, 2003, Red Hat Linux Supportive) with Wake on LAN (WOL) support			
13	Monitor	17" Low Radiation, 1024 x 768 Resolution supportive			
14	I/O Ports	2 USB, One Parallel, One Serial			
15	Mouse & Key Board	PS/2 Keyboard and Mouse			
16	Casing	Server Tower Casing having Redundant Power Supply			
17	Power Supply	Hot-Swap Redundant (2) Power Supplies Vendor Standards			
18	Operating System	Ms Windows 2003 Standard Edition with 5 CAL			
19	System Management, recovery configuration Software	Management capabilities should include Capacity Management, Remote Management, Web Management, Configuration Management, Event Scheduling, Alert Management, RAID Management, Software Inventory, Failure analysis software for processors, disks, memory, voltage, power supplies, fans etc.			

**NOTE:**

**1- 3 Years Parts and Labor warranty for all components on site by the Manufacturer**

**2- The bids will be evaluated according to the criteria mentioned in the bidding document.**

**3- Maximum of 48 hours down time for all components including replacement of the whole unit anywhere in the province.**

**4- The bidders should clearly mention Terms and Conditions of service agreements for the supplied hardware equipment after the expiry of initial warranty period**

**5- In case of International Warranties, the local authorized dealers should mention their service and warranty setup, details of qualified engineers, etc.**

**6- The Server equipment must be fully laid down by the selected vendor firm on the prescribed locations given by the ITD. The contact person for laying of LAN at each district will be EDO (IT).**

**7- The vendor is responsible for the installation of Configuration Management Software, Server Operating System and provide training for the efficient configuration and management of the system.**

**LOT NO 5**

**Item#2 Server (Entry Level)**

**TWO EACH TO BE INSTALLED AT 34 DISTRICT NAZIM / DCO OFFICES**

	<b>FOREIGN BRANDS</b>	<b>IBM, Compaq/HP, Dell Acer, Fujitsu Siemens</b>			
			<b>Qty</b>	<b>U/Price</b>	<b>T/Price</b>
<b>S#</b>	<b>Item</b>	<b>Description</b>	<b>68</b>		
1	Processor	Intel Xeon 1 x 3.06 GHz with built-in 1MB L2 cache		Note:	In Description Processor 512 KB L2 Cache is Typo Error. Required is 1 MB L2 Cache.
2	Mother Board	Server Board Server Chipset with DUAL Processor Scalability (Upgradeability)			
3	ECC Memory	512 MB ECC PC2700 DDRAM, 333 MHz bus expandable to 12 GB			
4	Hard Disk Drive	73 GB x 2 SCSI Ultra320 Disk Drives with 10,000 or Higher, Hot Swappable			
5	Drive Controllers	Integrated Ultra320 SCSI Dual Channel Built in RAID1 Support			
6	I/O Expansion Interfaces	4 PCI slots with 64 bit with 2 PCI-X slot Hot-Pluggable			
7	RAID Controller	Dual Channel, Ultra320 SCSI RAID controller for RAID 1 and 5 with 128MB Cache.			
8	Combo Drive with CD, CD RW, DVD	Standard			
9	Floppy Drive	Standard 1.44 MB (3.5")			
10	Display Card	Video Graphics display with 8 MB RAM or higher (NT & Win 2000, 2003, Red Hat Linux Supportive)			
12	Network Adapter	Built-in Gigabit Ethernet card (NT & Win2000, 2003, Red Hat Linux Supportive) wit Wake on LAN (WOL) support			
13	Monitor	17" Low Radiation, 1024 x 768 Resolution supportive			
14	I/O Ports	2 USB, One Parallel, One Serial, etc.			
15	Mouse & Key Board	PS/2 Keyboard and Mouse			
16	Casing	Server Tower Casing having Redundant Power Supply Support			
17	Power Supply	Hot-Swap (1) Power Supply Vendor Standards			
18	Operating System	Ms Windows 2003 Standard Edition with 5 CAL			
19	Management software	Such as Remote System Management, Capacity Management, Management thru Web, Configuration Management, Event			

		Scheduling, Alert Management, RAID Management, Software Inventory, Failure analysis software for processors, disks, memory, Voltage Regulator Module, Fans, etc.			
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**NOTE:**

**1- 3 Years Parts and Labor warranty for all components on site by the Manufacturer**

**2- The bids will be evaluated according to the criteria mentioned in the bidding document.**

**3- Maximum of 48 hours down time for all components including replacement of the whole unit anywhere in the province.**

**4- The bidders should clearly mention Terms and Conditions of service agreements for the supplied hardware equipment after the expiry of initial warranty period**

**5- In case of International Warranties, the local authorized dealers should mention their service and warranty setup, details of qualified engineers, etc.**

**6- The Server equipment must be fully laid down by the selected vendor firm on the prescribed locations given by the ITD. The contact person for laying of LAN at each district will be EDO (IT).**

**7- The vendor is responsible for the installation of Configuration Management Software, Server Operating System and provide training for the efficient configuration and management of the system.**

## Lot # 6 Software (Licenses)

S#	Item	Description	Quantity	Price
1	MS Exchange Server 2003	MS Windows Exchange Server Standard Edition (5 Cal) with media kit	34	
2	Norton Anti Virus 2004	Norton Anti Virus 2004 Server Edition or latest with 10 users license.	34	
3	Microsoft Press books	i) Microsoft Press or Microsoft recommended book for MS Windows 2003 (for System Administration) ii) Microsoft Press or Microsoft recommended book for MS Exchange 2003 (for deployment and administration)	34 each	

**NOTE:**

1- **The Bidder must be an authorized partner/reseller of Microsoft in Pakistan.**