

SARDAR BAHADUR AKHAN WOMEN'S UNIVERSITY QUETTA



Tender Document

For

Procurement of IT Equipment

Submission Deadline: 19th July 2012 at 10:30 AM

Tender Opening: 19th July 2012 at 11:00 AM

Sardar Bahadur Khan Women's University

Brewery Road Quetta Ph. 9213303-9213304-9213305

Equipment Specification

S #	Description	Quantity	Rates Per Unit	Total
Active Equipment				
1	<p>Computer Servers</p> <ul style="list-style-type: none"> a) Intel Xeon 4 core 2.4 GHZ x 2 (10 MB, 8 W). b) 16 GB ECC Memory extendable upto 400 + c) 300 x 2 GB Hard drive 10K RPM d) Form factor 2U e) RAID support 0/1 level f) Redundant power supply std/max) Up to two 550 W/750 W 80 g) Dual Ethernet adopter 1Gb h) Integrated management module / Management Engine i) DIMM solt 24 j) Controller type SCSI <p>It will be a solve responsibility of the vender to commission / install the servers on site.</p>	2		
2	<p>Video Conferencing Unit</p> <ul style="list-style-type: none"> a) Video Conferencing unit High Definition point to multipoint H.323 and SIP 2Mbps Video Standards H.261, H.263, H.263+, H.263++, H.264 b) Precision HD Camera c) PTZ Camera: HD Auxiliary for Video Conferencing Equipment d) VC Lights e) VC Equipment Rack Wooden f) LED 55" g) Multimedia Projector 5000 Lumens--LCD Quality with 10x10 display screen and mounting h) Gooseneck microphone i) Instructor microphone j) Wireless microphone k) Microphone mixer-peavey 20 port l) Amplifier m) Speakers n) Cabling and Connectors o) Electric work for Lights and Equipment p) Wooden Paneling and Echo Control, 	<p>1</p> <p>1</p> <p>1</p> <p>12</p> <p>1</p> <p>1</p> <p>22</p> <p>1</p> <p>2</p> <p>1</p> <p>1</p> <p>2</p> <p>1</p> <p>1</p>		

	<p>Carpeting, Curtains As per Survey</p> <p>q) Local Training 1 - Included</p> <p>r) Complete Installation 1 - Included</p>	1		
3	<p>Branded Computers core i5</p> <p>a) Processor Intel® Core™ i5-2400 (3.10 GHz, 6 MB cache, 1333FSB)</p> <p>b) Chipset Intel® Q65 / H61 Express or latest</p> <p>c) Installed Memory 2GB GB 1333 MHz DDR3 SDRAM</p> <p>d) No of Memory slots 4 DIMM</p> <p>e) Internal drive 500 GB</p> <p>f) Optical drive 16X DVD+/-RW Drive</p> <p>g) Monitor 18.5 LCD</p> <p>h) Graphics Integrated Intel HD</p> <p>i) Ports USB 2.0 , serial , PS/2 keyboard , PS/2 mouse , VGA ,microphone/headphone jack, line in , line out , RJ-45</p> <p>j) Network interface Integrated Intel Gigabit Ethernet 802.11 b/g/n wireless</p> <p>k) Audio Integrated High Definition audio</p> <p>l) Power supply 240W power supply - active PFC; 240W 90% efficient power supply - active PFC</p>	40 PC		
4	<p>Branded Computers core i3</p> <p>a) Processor Intel® Core™ i3- (3.2 GHz, 3 MB cache, 1333FSB)</p> <p>b) Chipset Intel® Q65 / H61 Express or latest</p> <p>c) Installed Memory 2GB GB 1333 MHz DDR3 SDRAM</p> <p>d) No of Memory slots 4 DIMM</p> <p>e) Internal drive 500 GB</p> <p>f) Optical drive 16X DVD+/-RW Drive</p> <p>g) Monitor 18.5 LCD</p> <p>h) Graphics Integrated Intel HD</p> <p>i) Ports USB 2.0 , serial , PS/2 keyboard , PS/2 mouse , VGA ,microphone/headphone jack, line in , line out , RJ-45</p> <p>j) Network interface Integrated</p> <p>k) 802.11 b/g/n wireless integrated /card</p> <p>l) Audio Integrated High Definition audio</p> <p>m) Power supply 240W power supply - active PFC; 240W 90% efficient power supply - active PFC</p>	40 PC		

5	<p>Laptop core i5 Processor Type Intel® Core™ i5 Hard drive size 500GB , Installed RAM 4 GB Screen size 13.3</p> <p>Processor Processor Type Intel® Core™ i5 ivy Processor Mode 3rd Gen, cache 3MB</p> <p>Memory Number of memory slots 2, Installed RAM 4 GB , Maximum memory 8GB, Type of memory DDR3</p> <p>Storage Hard drive size 500GB Hard drive speed 5400rpm Hybrid, Optical Drive , Type of hard drive SATA Card Reader Yes</p> <p>Graphics Dedicated graphics No Graphics processor Intel® HD Graphics 4000</p> <p>Display Aspect ratio 16:9, Backlight LED, Screen size 13.3</p> <p>Connectivity Bluetooth Yes Type of blue tooth Bluetooth® Standard LAN Yes Speed 1000BASE-T/100BASETX/ 10BASE-T Wireless (802.11b/g/n)</p> <p>Connectors Headphone output Yes , Microphone input Yes , USB USB 2.0 / USB 3.0 HDMI Yes , VGA Output Yes</p> <p>Power Miscellaneous Camera 1.3 MP HD or higher</p> <p>Software Operating system DOS</p>	2 No		
6	<p>Apple MacBook Pro 13.3 Core i5 including Mac OS X 10 With standard specification</p>	2 No		
7	<p>Laser Jet Printer 2055</p>	2 No		

8	Photocopier (Canon, Konica Minolta, etc) Copy sizes Paper cassette : A3to A5 Stack bypass: A3, B4, A4, A4R, B5, B5R, A5 and A5R Copy Speed : 35 cpm Memory : 32Mb and above Zoom: 25% - 400% Multiple copies 1- 999 Power source: 220-240V 50 Hz/60 Hz (with at least two years warranty)	1 No		
7	Electrification a) Power plug flat pin Clipsal b) Cable 3/29 Pakistan Cable c) Cable 7/29 Pakistan Cable d) Main DB Box 12x18 e) Breaker single pole 10 Amp f) Breaker Double pole 32 Amp g) Main wire 7x52 h) Channel Duct 16x38 i) Channel Duct 40x40 j) Installation/labour charges per point /per running feet Note: labour charges will be made on as per actual work done basis.	90 No 1 Roll 1 Roll 4 No 12 No 6 No Per meter Per meter Per meter Per point		
8	Wireless access point Data Transfer Rate 54 Mbps Data Link Protocol Ethernet , IEEE 802.11b , IEEE 802.11g , Fast Ethernet Remote Management Protocol HTTP, SNMP, Telnet Frequency Band 2.4 GHz Compliant Standard IEEE 802.1x , IEEE 802.3af , IEEE 802.11g , IEEE 802.11b Antenna Antenna External detachable Interfaces 1 x Network - Ethernet 10Base-T/100Base-TX - RJ-45, Power Power Over Ethernet (PoE) Supported PoE Power Device Power adapter - External Software Included Drivers & Utilities	05 Nos		
9	Cisco Catalyst 2960 24 10/100 PoE + 2 1000BT +2 SFP LAN Base Image WS-C2960-48PST-L	04 Nos		
10	Cisco 1000 Base SX SFP	04 Nos		

Passive Equipment				
1	12 U front Glass door Data Cabinet wall mounted with 2 fans and power supply strip	4		
2	Fiber Optic patch cord SC-LC	8		
3	Fiber Optic cord Multi Mode SC-SC	8		
4	Gigabit Ethernet patch panel 24 port	4		
5	Cable Organizer 1U	4		
6	4-Core Fiber Optic Armored Cable (50 Micron Multimode)	250		
7	Voice Cable 20 Pair Armored Cable	400		
8	4 par UTP Gigabit Ethernet, Support emerging high bandwidth application, included the IEEE 803.3ab 1000 BASE-T TIA/EIA 1000 BASE TX	1,600		
9	Fiber Optic Patch Panel 1 9", 1U, pull-out, cable/fiber management, loaded with 24 SC modules Multimode with all accessories	2		
10	2x Gigabit Ethernet Patch Panel 24 Ports, meet or Exceeds the category 6 requirements in EIA/TIA 568B	4		
11	Cable Organizer 1U	2		
12	Gigabit Ethernet Patch Cords 1m, performance standard EIA/TIA and ISO/IEC category 6 Specification; Factory terminated	90		
13	Gigabit Ethernet Patch Cords 3m, performance standard EIA/TIA and ISO/IEC category 6 Specification; Factory terminated	90		
14	Gigabit Ethernet complete Face Plate with Information Outlet, dual Shutter, Outlet meet or Exceeds the category 6 requirement in EIA/TIA 568B	90		
15	Back boxes for information Outlet	90		
Other Accessories				
1	PVC duct mix size	200		
2	PVC Conduit Pipe 1.5"	200		
Services				
1	Fixing of duct/conduit pipe per meter	500		
2	Termination of outlet with test report per I/O	90		
3	laying 6 UTP Cable per meter	1600		
4	Optical Fiber Termination (Fusion Splicing) and testing per node	12		

5	Excavation and backfilling of normal/hard soil (Per Meter) including provision of sand and bricks	300		
6	Laying of Optical Fiber Cable per meter	200		
7	AC's Haier, SG AC 2 Ton Revisable with Installation ducting and cabling	3 Nos		

TERMS AND CONDITION

1. Sealed Bids are invited by the undersigned on behalf of SBK Women's University; Quetta from eligible GST registered bidders for Extension of University Network. The scope of the work includes the supply and installation of equipment as per given above detail.
2. Any prospective bidder can procure the Tender Document from the Purchase Office, SBK Women's University, and Quetta. Tender Document is available on all working days from 6th July,2012 to 18th July ,2012 for a fee of Rs. 500/- (by demand draft) in favor of **Registrar, SBK Women's University, Quetta(non- refundable).**
3. Bidders need to submit Technical and financial bid in separated envelops
4. The bids (i) Technical Bid (ii) Financial Bid) must be delivered in the office of SBK Women's University, Quetta before 10:30 AM on 19 July 2012.
5. Technical Bid shall be opened on 19 July 2012 at 11:00 AM in the Committee Room, Administration Department of SBK Women's University, Quetta, in the Presence of bidders, who may choose to attend.
6. Financial bid for eligible bidder will be opened within 10 days of tender opening..
7. A final decision (including placement of orders and signing of contract) on the bids will

be taken within 20 days.

- 8.** Notwithstanding anything else contained to the opposing in this Tender Document, SBK Women's University, Quetta reserves the right to cancel/withdraw/ modify fully or partially the 'Invitation for Bids' or to reject one or more of the bids without assigning any reason and shall bear no liability whatsoever consequent upon such a decision.
- 9.** 2% percent bid/ earnest money should be deposited on the total cost of the quoted amount with the tender / quotation from in the shape of pay order / demand draft in the name of the Registrar, Sardar Bahadur Khan women University Quetta.
- 10.** Conditional tender / quotation will not be accepted and the competent authority reserves the right to accept or reject all or any of tender /quotation without assigning any reason thereof.
- 11.** Price will be quoted including General Sale Tax.
- 12.** 3.5% income tax on every payment will be deducted from the bill.
- 13.** Tender /quotation without earnest money will not be entertained.
- 14.** The tendered that will withdraw or modify his tender, his earnest money shall be forfeited to the Sardar Bahadur Khan Women University, Quetta.
- 15.** No escalation of rates will be allowed under any circumstances.
- 16.** The work /supply will be executed according to the specifications mentioned in the tender document. Purchase committee will inspect all the supply items, work and supplier will have to pick the sub-standard or below specification items within two days of objection while no payment will be made to the supplier for rejected items and supplier for all kind of liquidated damage.
- 17.** Supplier will be responsible for the handling or transportation charges for all required items.

18. No advance payments will be made for supply.
19. No objection will be accepted if the University authority makes any increase or decrease in supply order.
20. Catalogs, brochures or any printed material included about manufacturer, Name of dealers and specification for required items must be provided.
21. Delivery period for required items will be mentioned with the tender/quotations.
22. Necessary warrantee is a must and to be submitted along with each item of tender.
23. After the acceptance of tender / quotation the party is required to execute agreement on judicial stamp paper worth Rs.0.25% of the total amount of bid.
24. The company should be in Video conference business at least for 8-10 year and must have provided similar products and services to various Educational institutions.
25. The Company should have deployed at least 5 Video conferencing Equipment installed at Educational sector e.g. HEC/Public and Private Universities. Vendor should provide Evidence/PO of above.
26. The Company should have experience of providing and deploying servers in public and private sector. Vendor should provide evidence / PO of above.
27. The Vendor should Provide Complete Client List of all Customers with Equipment Details.
28. The Brand's Principle/Manufacturer should provide 8 x5 NBD (Next Business Day) Replacement /Warranties locally