



Shaheed Benazir Bhutto University, Shaheed Benazirabad
Knowledge - Commitment - Leadership

Director Finance

No. SBBU/DF /2017
Dated: 08 /09/ 2017

Mr. Amjad Ali Chandio,
Manager Reforms

Sindh Public Procurement Regulatory Authority
Barrack 8 Secretariat 4A
Court Road **Karachi**
Tel: 92-21-992053569

Subject: TENDER NOTICE.

It is requested to place the attached "Invitation of Tender" on your Website. The following documents are enclosed herewith;

1. Invitation of Tender
2. Notification of Procurement Committee
3. Notification of complaint Redressal Committee
4. Tender Document
5. Annual Procurement Plane

The pay order in favour of SPPRA regarding Web site hosting charges will be sent after receiving bill as per previous practice.

It is therefore requested to kindly put on the tender on website.


Director Finance

SPPRA INWARD BUREAU
NO: 8/1119
DATE: 11-09-17

NOTICE INVITING TENDER

Shaheed Benazir Bhutto University Nawabshah, Shaheed Benazirabad invites sealed tenders on local currency (Pak Rupees) & Foreign Currency, Interested Contractors / Suppliers / Companies / Firms registered with Sindh Revenue Board, Sales Tax & Income Tax departments having at least 05-year Experience in related field.

S. #	Name of Supply	Bid Security	Tender Fee Non Refundable
01	Supplying/Providing/Installation & Commissioning of IP video surveillance & Network Infrastructure with network & security Devices, Wireless Mobile Set with license, Multimedia Projectors,, Door Security Locks, ID Card Printer, 17 Computers, Employees Attendance System more than 500 users, at Shaheed Benazir Bhutto University, Shaheed Benazirabad as described in the Bid Documents.	5 %	Rs: 2,000

Tender form issued date: 13-09-2017 to 03-10-2017,

Submission, opening date & Time: 03-10-2017, Time: Submission 12:00 pm, Opening: 12:30pm

METHOD OF PROCUREMENT:

The Bidding shall be on Open competitive bidding and Procedure is **Single Stage Two Envelope procedure i.e. Technical Proposal & Financial Proposal.**

BIDDING / TENDER DOCUMENTS:

Issuance: Prescribed Tender Form alongwith Terms and Conditions can be obtained personally from the office of Director Finance , Finance Wing, Administration Block, SBBU, Shaheed Benazirabad or can also be downloaded from SBBU Website: www.sbbusba.edu.pk as well as from www.pprasindh.gov.pk on payment of prescribed tender fee or on payment of an additional amount of Rs: 200 as courier charges, those who intends to purchase tenders through courier from University through banks challan/Pay order/DD in favor of **Director Finance, Shaheed Benazir Bhutto, University, Shaheed Benazirabad,**

Note: The bidder who downloads the tender form directly from website , that the prescribed tender form fee & Application must reach to the office of undersigned before the last date of purchase.

Place of issuance, submission, inquiries & opening of tender: office of the Director Finance, Shaheed Benazir Bhutto University, Shaheed Benazirabad, Near Landhi Stop Sakrand Road Nawabshah.

EMAIL: df@sbbusba.edu.pk Telephone: 0244-9370524 Ext.105

TERMS & CONDITIONS:

1. The bidders are required to give their best & final prices without any negotiations which must be valid for 30-days after submission of bids.
2. The University Purchase Committee may cancel/delete any item or decrease or increase quantity as per need under the provision of SPPRA rules. Tenderers, who do not fulfill the Terms and Conditions, will not be entertained.
3. In case of Unscheduled Holiday, Tenders will be opened on the Next working day. The other Terms and Conditions of the Tender shall however remain unchanged.
4. The procuring Agency may reject any or all Bids subject to relevant provisions of SPPRA Rules 2010.

**DIRECTOR FINANCE
SHAHEED BENAZIR BHUTTO
UNIVERSITY, Benazirabad**



Shaheed Benazir Bhutto University, Shaheed Benazirabad,
Knowledge - Commitment - Leadership

No. SBBU/Registrar /- 945
Dated: 08 /08/ 2017

Notification

In continuation of this office notification No. SBBU/Reg/Admn/555 dated 10.04.2017, the Redressal Committee is reconstituted as under to address the grievances of Contractors as per TOR and give recommendations or otherwise for approval of the Competent Authority.

- | | |
|---|----------|
| 01. Prof. Dr. Liaquat Ali Zardari
Associate Professor, SBBU,SBA. | Convener |
| 02. Mr. Hassan Jan Chingezi
Assistant Accounts Officer
Distt: Accounts Office, SBA. | Member |
| 03. Mr. Faheem Ahmed Soomro
Executive Engineer,SBBU,SBA. | Member |

The Term of Reference.

- Maintenance of the University.

These issues with approval of the Competent Authority.


Registrar

Copy to:

01. The Secretary to Vice Chancellor, SBBU, SBA.
02. The Director Finance, SBBU,SBA.
03. The Resident Auditor, SBBU,SBA.
04. Concerned

SHAHEED BENAZIR BHUTTO UNIVERSITY
SHAHEED BENAZIRABAD

Annual Procurement Plan
(IT, Networking & Security Equipments)
Final Year 2017-18

Title of Procurement	Estimated / Actual Cost	Method	Tentative/ Actual date of NIT	Tentative/ Actual closing date of NIT	Tentative/ Actual date of award Contract	Tentative Deadline/ Actual date for Execution	Remarks
Source of Funding: Government of Sindh, HEC and University							
Procurement of Networking Lab	15.960	Single Stage Two Envelope	13-09-2017	03-10-2017	Oct 2017	Dec 2017	
Procurement of VOIP Lab	10.260	Single Stage Two Envelope	13-09-2017	03-10-2017	Oct 2017	Dec 2017	
Procurement of R & D Lab	8.160	Single Stage Single Envelope	13-09-2017	03-10-2017	Oct 2017	Dec 2017	
Procurement of Computer Lab	6.900	Single Stage Two Envelope	13-09-2017	03-10-2017	Oct 2017	Dec 2017	
Procurement of Wireless Networking for Campus	6.275	Single Stage Two Envelope	13-09-2017	03-10-2017	Oct 2017	Dec 2017	
Procurement of IP Camera Indoor and Out door	4.0 M	Single Stage Two Envelope	13-09-2017	03-10-2017	Oct 2017	Dec 2017	
Procurement of Network Storage, Firewall, fiber optic cable	4.0 M	Single Stage Two Envelope	13-09-2017	03-10-2017	Oct 2017	Dec 2017	
Procurement of ID Card System with Software	1.0 M	Single Stage Two Envelope	13-09-2017	03-10-2017	Oct 2017	Dec 2017	
Procurement of Walkie Talkie System	1.0 M	Single Stage Two Envelope	13-09-2017	03-10-2017	Oct 2017	Dec 2017	
Procurement of Multimedia Projectors	1.0 M	Single Stage Two Envelope	13-09-2017	03-10-2017	Oct 2017	Dec 2017	


Director Finance
SBBU- SBA

SHAHEED BENAZIR BHUTTO UNIVERSITY

NAWABSHAH/SHAHEED BENAZIRABAD, SINDH, PAKISTAN

TN-01

Phone & Fax: 0244-9370521,
Web: www.sbbusba.edu.pk

Exchange: 0244-9370524-, Ext:105
Email: df@sbbusba.edu.pk

TENDER ENQUIRY NO. SBBU/DF/

Dated:

FTN No: 9030405-5



TENDER FORM FINANCIAL PROPOSAL

**Supplying/Providing/Installation & Commissioning of IT, Networking,
Security, surveillance system and other equipments**

**DATE OF SUBMISSION & OPENING
03-10-2017**

TIME OF RECEIVING TENDER 12:00P.M
TIME OF OPENING TENDER 12:30 P.M
TENDER FEE Rs. 2,000/- (Non-Refundable)

I N D E X

Sr. No	Title	Page No
01	Tender Notice	TN-01 2
02	Receipt of Tender	RT- 3
03	Tender Form (BOQ)	04
	Financial Proposal	FP-01-03 4-18
04	Bid Declaration Form (Mandatory)	BDF-01 19
05	Terms & Conditions	TC-01 20
06	General Conditions of the Contract	GCC-01-02 21
	CLAUSE: 1. INSTRUCTIONS TO THE BIDDERS	GCC-01 21
	CLAUSE: 2. SPECIAL CONDITIONS:	GCC-01 21
	CLAUSE: 3. PURCHASER'S RIGHT TO VARY QUANTITIES.	GCC-01 21
	CLAUSE: 4. PURCHASERS RIGHT TO ACCEPT ANY BID AND TO REJECT ANY OR ALL BIDS:	GCC-01 21
	CLAUSE 5. ELIGIBLE BIDDERS	GCC-01 22
	CLAUSE: 6. CRITERIA FOR EVALUATION OF BIDS.	GCC-02 22
	CLAUSE: 7. NOTIFICATION OF AWARD	GCC-02 22
	CLAUSE: 8. AWARD OF CONTRACT & CONTRACT AGREEMENT.	GCC-02 22
	CLAUSE: 9. PAYMENTS.	GCC-02 22
	CLAUSE 10. PERFORMANCE SECURITY:	GCC-02 22
	CLAUSE: 11. REDUCED RATES.	GCC-02 22
	CLAUSE: 12. REFUND OF SECURITY DEPOSIT / PERFORMANCE SECURITY.	GCC-02 22
	CLAUSE: 13. UNDERTAKING:	GCC-02 23
	Bid Evolution	BE-01 24



RT-01

Supplying/Providing/Installation & Commissioning of IP video surveillance & Network Infrastructure with network & security Devices, Wireless Mobile Set with license, Multimedia Projectors,, Door Security Locks, ID Card Printer, 17 Computers, Employees Attendance System more than 500 users,at Shaheed Benazir Bhutto University, Shaheed Benazirabad

RECEIPT

Received amounting of Rs. 2,000/- (Rupees One Thousand only) vide receipt No. _____, Dated: _____ from M/s. _____ Regarding Tender Form fee (nonrefundable) for Supplying/Providing/Installation & Commissioning of Networking, security , IT and Others equipments.

**ACCOUNT OFFICER /
ASSISTANT ACCOUNT OFFICER**
Shaheed Benazir Bhutto University
Nawabshah, SBA.

Tender Form (BOQ)

Supplying/Providing/Installation & Commissioning of IP video surveillance & Network Infrastructure with network & security Devices, Wireless Mobile Set with license, Multimedia Projectors,, Door Security Locks, ID Card Printer, I7 Computers, Employees Attendance System more than 500 users, at Shaheed Benazir Bhutto University, Shaheed Benazirabad

PROVIDE THE RATE OF EACH ITEM. ALL RATES MUST BE QUOTED IN PAKISTANI RUPEES.& Foreign Currency

Sr.		Qty	Brand Name	Unit Price Excluding GST	Total Price Excluding GST	GST Applicable Exempted	Price including GST/ Exempted (if exempted attach SRO)	Total Price in Words	Foreign Rate With tax	Foreign Rate without tax	Total
	Networking Lab:										
01	Cisco Router or equivalent Total onboard WAN or LAN 10/100/1000 ports RJ-45-based ports, SFP-based ports Default flash memory 8 GB Throughput IPv4, IPv6, static routes, Routing Information Protocol Versions 1 and 2 (RIP and RIPv2), Open Shortest Path First (OSPF), Enhanced Interior Gateway Routing Protocol (EIGRP), Border Gateway Protocol (BGP), BGP Router	10									
02	Alcatel Router or equivalent Leveraging and a comprehensive suite of IP/MPLS routing capabilities, the has the flexibility to be deployed in a wide range of applications:	5									
03	Juniper Router or equivalent 8/10/100 Ethernet LAN ports, or 16/10/100 Ethernet LAN ports Factory option of 16 PoE ports; PoE+ 803.3at, backwards compatible with 802.3af Support for T1/E1, serial, ADSL2/2+, VDSL, G.SHDSL, DOCSIS3, and Ethernet SFP Content Security Accelerator hardware for faster performance of IPS 512 MB RAM default, optional factory 1 GB DRAM, 1 GB flash default	5									
04	CISCO Switch or equivalent 4 Port GE SFP IP Base Dual redundant, modular power supplies and three modular fans providing redundancy 92 Gbps on 24-port Gigabit Ethernet model Stacking bandwidth 480 Gbps VLAN IDs 4,000 Number of access points per switch/stack 100 Number of wireless clients per switch/stack 2000	3									
05	Cat 6 Cable	5000ft									

	CAT 6 Cable UTP 24 AWG 3M, Schneider, AMP, Dlink or equivalent Providing/fixing/ installation/ putting in operation/commissioning Duct Patti 16*25mm									
06	UPS 10 KV Online UP 10 KVA 400v 3phase Online Double Conversion Power Factor SNMP	1								
07	Racks 42U rack 600x1000 perforated 2Fix, 1Slide, 4F	5								
08	Patch panel 48 Port 3M, Schneider, AMP, Dlink or equivalent	2								
09	Computer Desktop Core i7 Processor: Intel Core i7-2600 Processor, 3.4GHz, 8M Cache all accessories	30								
	LAN Equipment									
10	PDU 12Way all usage PDU	2								
11	Patch cord Patch cord Cat 6 3 meter	30								
	VOIP Lab:									
12	Router or equivalent Total onboard WAN or LAN 10/100/1000 ports RJ-45-based ports, SFP-based ports Default flash memory 8 GB Throughput IPv4, IPv6, static routes, Routing Information Protocol Versions 1 and 2 (RIP and RIPv2), Open Shortest Path First (OSPF), Enhanced Interior Gateway Routing Protocol (EIGRP), Border Gateway Protocol (BGP), BGP Router	2								
13	Alcatel Router or equivalent Leveraging and a comprehensive suite of IP/MPLS routing capabilities, the has the flexibility to be deployed in a wide range of applications:	1								
14	Juniper Router or equivalent 8/10/100 Ethernet LAN ports, or 16/10/100 Ethernet LAN ports Factory option of 16 PoE ports; PoE+ 803.3at, backwards compatible with 802.3af Support for T1/E1, serial, ADSL2/2+, VDSL, G.SHDSL, DOCSIS3, and Ethernet SFP Content Security Accelerator hardware for faster performance of IPS 512 MB RAM default, optional factory 1 GB DRAM, 1 GB flash default	1								

15	CISCO Switch 4 Port GE SFP IP Base Dual redundant, modular power supplies and three modular fans providing redundancy 92 Gbps on 24-port Gigabit Ethernet model Stacking bandwidth 480 Gbps VLAN IDs 4,000 Number of access points per switch/stack 100 Number of wireless clients per switch/stack 2000	3									
16	Cat 6 Cable CAT 6 Cable UTP 24 AWG 3M, Schneider, AMP, Dlink or equivalent Providing/fixing/ installation/ putting in operation/commissioning Duct Patti 16*25mm	5000ft									
17	UPS 15 KV Online UP 10 KVA 400v 3phase Online Double Conversion Power Factor SNMP	1									
18	Racks 42U rack 600x1000 perforated 2Fix, 1Slide, 4F	5									
19	IP Phone Cisco Unified IP Phone 7941G he phone identifies incoming messages and categorizes them for users on the screen. This feature allows users to quickly and effectively return calls using direct dial-back capability. The corporate directory integrates with the Lightweight Directory Access Protocol Version 3 (LDAP3) standard directory.	5									
20	Patch panel 48 Port 3M, Schneider, AMP, Dlink or equivalent	2									
21	Computer Desktop Core i7 Processor: Intel Core i7-2600 Processor, 3.4GHz, 8M Cache all accessories	30									
LAN Equipment											
22	PDU 12Way all usage PDU	2									
23	Patch cord Patch cord Cat 6 3 meter	30									
R & D Lab											
24	Desktop Machines Processor: Intel Core i7-2600 Processor, 3.4GHz, 8M Cache all accessories	50									
25	4 Port GE SFP IP Base Dual redundant, modular power	1									

	supplies and three modular fans providing redundancy 92 Gbps on 48-port Gigabit Ethernet model Stacking bandwidth 480 Gbps VLAN IDs 4,000 Number of access points per switch/stack 100 Number of wireless clients per switch/stack 2000									
26	Server Machine Rackmount Server Machines: Dual Intel Xeon Processor (4 core), 32GB RAM, 300GBx6 SAS HDDs, DVD-RW, RAID-5, 1Gbx2 NIC, Dual Power Supply	1								
27	UPS 15 KV UP 15 KVA 400v 3phase Online Double Conversion Power Factor SNMP	1								
28	Cat 6 Cable CAT 6 Cable UTP 24 AWG 3M, Schneider, AMP, Dlink or equivalent Providing/fixing/ installation/ putting in operation/commissioning Duct Patti 16*25mm	5000ft								
29	PDU 12Way all usage PDU	2								
30	Patch cord Patch cord Cat 6 3 meter	30								
31	Multimedia-2500-3000 3000Lumens, With USP Support, 5000 to 6000 Hours, 10000 Contrast	5								
32	Rack Rack u 27	1								
	Computer Lab:									
33	Desktop MachinesProcessor: Intel Core i7-2600 Processor, 3.4GHz, 8M Cache all accessories	50								
34	4 Port GE SFP IP Base Dual redundant, modular power supplies and three modular fans providing redundancy 92 Gbps on 48-port Gigabit Ethernet model Stacking bandwidth 480 Gbps VLAN IDs 4,000 Number of access points per switch/stack 100 Number of wireless clients per switch/stack 2000	1								
35	Server Machine Rackmount Server Machines: Dual Intel Xeon Processor (4 core), 32GB	1								

	RAM, 300GBx6 SAS HDDs, DVD-RW, RAID-5, 1Gbx2 NIC, Dual Power Supply									
36	UPS 15 KV UP 15 KVA 400v 3phase Online Double Conversion Power Factor SNMP	1								
37	Cat 6 Cable CAT 6 Cable UTP 24 AWG 3M, Schneider, AMP, Dlink or equivalent Providing/fixing/ installation/ putting in operation/commissioning Duct Patti 16*25mm	50000Ft								
38	PDU 12Way all usage PDU	2								
39	Patch cord Patch cord Cat 6 3 meter	30								
40	Multimedia-2500-3000 3000Lumens, With USP Support, 5000 to 6000 Hours, 10000 Contrast	5								
41	Rack Rack u 27	1								
	Wireless Networking of Campus									
42	Wireless Lan Controller Proactively identifies and mitigates signal interference for better performance • Provides both real-time and historical information about RF interference affecting network performance across controllers, through systemwide integration with CleanAir technology Versatile controller with support for centralized, distributed, and mesh deployments to be used at different places in the network, offering maximum flexibility for medium-sized campus, enterprise, and branch networks Centralized control, management, and client troubleshooting • Seamless client access in the event of a WAN link failure (local data switching) Optimized to enable 802.11ac Wave 2 next- generation networks, supporting: • 20-Gbps throughput	1								

	<ul style="list-style-type: none"> • 1500 access points • 20,000 clients • 100 access point License <p>Wireless protocol IEEE 802.11a, 802.11b, 802.11g, 802.11d, WMM/802.11e, 802.11h, 802.11n, 802.11k, 802.11r, 802.11u, 802.11w, 802.11ac Wave1 and Wave2</p>									
43	<p>Access Point Indoor Cisco Aironet 3700 Series The industry's first wireless access point with integrated 802.11ac Wave 1 radio can support a 4x4 MIMO with three spatial streams Dual-band 2.4/5 GHz integrated radios address the growing needs of BYOD and bandwidth demands Modular design supports Cisco Wireless Security, Cisco 3G Small Cells and future 802.11ac Wave 2 radio Updated ClientLink 3.0 boosts performance for all clients, including 802.11ac Cisco CleanAir technology provides proactive interference protection</p>	50								
44	<p>Access Point Outdoor Cisco Aironet 1570 Series New High Density Experience (HDX) technology helps optimize performance First 802.11ac outdoor access point supports 4x4 MIMO and three spatial streams Deployment options include access, mesh, Ethernet, fiber, and cable backhaul Cisco CleanAir technology proactively protects against interference High-bandwidth video surveillance helps with cost-effective deployments</p>	10								
45	<p>User Management Software Authentication authorization Accountably</p>	1								
46	<p>Layer 2 Switch 08 Ports Cisco layer 2</p>	10								
47	<p>Cisco Layer 2 Layer 2 Switch 24 Ports</p>	5								

48	Cisco Layer 3 Layer 3 Switch 24 Ports	3																		
49	Server Room Service Data center Flooring, Data center Wall glass	AS per actual																		
50	DATA & ELECTRICAL CABLE RACEWAY SYSTEM	100 Ft																		
51	Supply of Metal Steel perforated cable tray with top cover	100 Ft																		
52	Electrical Items Main Panel (Data Center DB): MCCB 125A TP Input & UPS Output Critical DB	1																		
53	UPS for Access Points / Switch 03 KVA	3																		
54	Earthing / Grounding Copper Rod 3/4" x 10' Solid Copper Rod 3/4" x 10' Solid	5																		
55	FIRE SUPPRESSION SYSTEM FM-200 SOLUTION	1																		
56	Providing/fixing/ installation/ putting in operation/commissioning 24 core fiber optic Armored Single Mode 3M, Schneider, AMP, Dlink or equivalent Civil Work for Outdoor Fiber Optic Cable (Digging, Burying, Refilling) Digging 3ft deep P Pipe laying with Fiber Optic Cable, Warning Tape Hand Holes at every 250 meters Standard Route Locators	5000ft																		
57	Copper Cable (15000 feet) Copper Cable	15000ft																		
58	Pole for Out Door 25 feet height with umbrella	5																		

GRAND TOTAL RUPEES:-

The delivery schedule is within 60-90 days after the award of contract.
It is of utmost importance that bids should be submitted very carefully

Package - 2

SECTION-1: (VIDEO SURVEILLANCE & Network Infrastructure)

Sr.		Qty	Brand Name	Unit Price Excluding GST	Total Price Excluding GST	GST Applicable Exempted	Price Including GST/ Exempted (If exempted attach SRO)	Total Price in Words	Foreign Rate With tax	Foreign Rate without tax	Total
01	Providing/fixing/ installation/ putting in operation/commissioning NVR Brand: Indigovision/Pelco/Cisco/equivalent Specification: see Annexure B	01 Nos									
04	IP Camera (Bullet shaped) Providing/fixing/ installation/ putting in operation/commissioning Brand: Indigovision/Pelco/Cisco/equivalent Specification: see Annexure B	50 Nos									
05	PTZ Domo Type Cameras Providing/fixing/ installation/ putting in operation/commissioning Brand: Indigovision/Pelco/Cisco/equivalent Specification: see Annexure B	7									
Network											
06	Core Switchor equivalent 10 Gigabit Ethernet and FCoE features and virtual machine awareness features that allow IT departments Switches are designed just like the servers they support. Simplifies management of multiple traffic flows over a single network link Enables consistent management of quality of service (QoS) at the network level by providing consistent scheduling of different traffic types (IP, storage, etc.) 1RU, 24x10G SFP+, 24pxUP SFP+, 6x40G QSFP+ Series LAN Base License FCoE NPV features supported • Static Routes • RIPv2 • OSPFv2 and OSPFv3	1 Nos									
07	Layer 2 Switch or equivalent The switch should be fully managed Layer 2 switch with line rate forwarding performance Should have 24 x 100/1000 Mbps PoE+ ports Should have 24 SFP+ Ports	5 Nos									

	<p>for uplink Switching Bandwidth of at least 100Gbps Forwarding Bandwidth of at least 50 Gbps Should be stackable with a dedicated stacking module, Uplinks should not be used for stacking Should support 8 switches in a stack The switch should at least support the below standards: a. IEEE 802.1D Spanning Tree Protocol b. IEEE 802.1p CoS Prioritization c. IEEE 802.1Q VLAN d. IEEE 802.1s e. IEEE 802.1w f. IEEE 802.1x g. IEEE 802.1AB (LLDP) h. IEEE 802.3ad i. IEEE 802.3af j. IEEE 802.3ah k. RMON I and II standards l. SNMPv1, SNMPv2c, and SNMPv3 The switch should support Link Aggregation Control Protocol (LACP) for creating Ethernet channeling with devices that conform to IEEE 802.3ad Should support VLAN Trunking Protocol (VTP) for dynamic VLANs and dynamic trunk configuration across all switches Should have Remote Switch Port Analyzer (RSPAN) to allow administrators to remotely monitor ports in a Layer 2 switch network from any other switch in the same network</p>									
08	<p>Layer 2 Switch or equivalent The switch should be fully managed Layer 2 switch with line rate forwarding performance Should have 8 100/1000 Mbps PoE ports Should have 2 x 1G SFP Ports for uplink The switch should at least support the below standards: a. IEEE 802.1D Spanning Tree Protocol b. IEEE 802.1p CoS Prioritization c. IEEE 802.1Q VLAN d. IEEE 802.1s e. IEEE 802.1w</p>	No s 10								

	<p>f. IEEE 802.1x g. IEEE 802.1AB (LLDP) h. IEEE 802.3ad i. IEEE 802.3af j. IEEE 802.3ah k. RYON I and II standards l. SNMPv1, SNMPv2c, and SNMPv3</p>								
09	<p>10 x 4 Outdoor industrial grade Switch 8 x port Ethernet Switch PoE/PoE+ 2 x GE SFP Uplink Built for harsh environment and temperature range (-40 to 70 C) Power over Ethernet (PoE) Web GUI interface for Easy Management The switch should at least support the below standards</p> <ul style="list-style-type: none"> • IEEE 802.1D MAC bridges, STP • IEEE 802.1p Layer 2 COS prioritization • IEEE 802.1q VLAN • IEEE 802.1s Multiple Spanning Trees • IEEE 802.1w Rapid Spanning Tree • IEEE 802.1AB LLDP • IEEE 802.3ad Link Aggregation (LACP) • IEEE 802.3af Power over Ethernet provides up to 15.4W DC power to each end device • IEEE 802.3at Power over Ethernet provides up to 25.5W DC power to each end device 	05							
10	SFP	40							
11	<p>Storage 40TB or equivalent 3.5 inch Storage Controller Unit 4TB 7200 rpm 1 Gb SAS NL 3.5 Inch HDD Rack Mount Bracket 10TB iSCSI - FCoE 2 Port Host Interface Card</p>	2							
12	<p>Server Machine or equivalent Rack mount Server Machines: Dual Intel Xeon Processor (4 core), 32GB RAID 3TBx6 SAS HDDs, Dual PSU, RAID 5, 1Gbx2 NIC, Dual Power Supply</p>	2							
13	<p>Polysyncar Security</p>	10							
14	<p>Cisco ASA or equivalent Firewall Edition: includes firewall services, 750 IPsec VPN peers, 2 SSL VPN peers, 8 copper Gigabit Ethernet data ports, 1 copper</p>	1							

	Control Ethernet management port, I AC power supply, 3DES/SAES encryption, SSD 128GB																			
15	SIEM and Log Management solution - User Management, Event Correlation, Reporting, Netflow, Full Packet Capture, File Integrity Monitoring, -Event Management	1																		
	Fiber & Passive work																			
16	Providing/fixing/ installation/ putting in operation/commissioning 24 core fiber optic Armored Single Mode 3M, Schneider, AMP, Dlink or equivalent Cable Work for Outdoor Fiber Optic Cable (Digging, Burying, Re-laying) Digging 3ft deep PE Pipe laying with Fiber Optic Cable Warning Tape Height Cables at every 250meters Standard Route Locators	500 0 met ers																		
17	Fiber Optical Enclosure	30																		
18	Rack connector 3M, Schneider, AMP, Dlink or equivalent	30 Bo x																		
19	Under cable - Cat 6, 3M, Schneider, AMP, Dlink	50 00 0 FT																		
20	Cable work	2 No s																		
21	Cable work	2 No s																		
22	Fiber patch cord (5m) LC to LC 3M, Schneider, AMP, or equivalent	10 0 No s																		
23	Cable work not loaded	10 No s																		
24	Cable work not loaded	10 No s																		
25	Rack 15U Providing, fixing, installation 16 U Providing each with adjustable rails and removable/lockable side panels with fans	7N o																		
26	Providing/fixing/ installation/ putting in operation/commissioning Safety Batteries 300 300 Switches	05 No s																		
27	Providing/fixing/ installation/	20																		

	putting in operation/commissioning Power cable 3/29 Brand: Pakistan cables/Equivalent	00 M										
28	Providing/fixing/ installation/ putting in operation/commissioning Power Socket with back box	50										
29	Providing/fixing/ installation/ putting in operation/commissioning PPR Pipe 1" inch with accessories Brand: Master/Equivalent	As per actual										
30	Civil Work for Outdoor Power Cable Branded Cable (Digging, Backfilling, Filling) Digging 3ft deep PVC Pipe laying with STP Cat6 Cable Sand Fills, Warning Tape Standard Route Locators	As per actual										
31	Providing/fixing/ installation/ putting in operation/commissioning Brand: Adams/Equivalent	As per actual Ft										
32	Providing/fixing/ installation/ putting in operation/commissioning Flexible Pipe	As per actual Ft										
	Hardware System with software Complete solution											
33	High Definition Dual Side RFID & NFC Card Printer equipped with Re-Transfer Technology with single side Over-Lamination feature, as per following specs; a) Thermal Dye Sublimation Printing Process. b) Required Over Edge to Edge Printing. c) Each 4 +1 Printing should be done in more or less 1 minute. d) Printer must have capable to bear load of 20 cards in 1 go. e) Must have supported resolution of 300 dpi. 2) Standard WACK Ribbon to produce for 200 prints with 4 +1 & 250 Prints with 4 +1 Printing Scenario. 3) Standard Clear Re-Transfer											

	<p>File to produce 1500 prints with Single Side & 750 Prints for Dual Side Card Printing Scenario.</p> <p>4 Thermal Transfer Over-Lamination Roll for 500 Patches for 1 side lamination onto the Card.</p> <p>5 Printer Recommended cleaning kit.</p> <p>6 Blank RFID Proximity supports 125khz reading frequency.</p> <p>7 High quality surface Simple PVC Cards.</p> <p>8 Comprehensive card printing software:</p> <ul style="list-style-type: none"> - Must have facility to connect live with ODBC like oracle 10 g , SQL Server, My SQL, MS Access and Excel Sheet - Must have live picture cropping facility - Must have live picture snapping facility, like NAIKA - Must have 1D, 2D and Data matrix Barcode creating facility. - Software Must have physical license Dongle. ONLINE activation keys will not be acceptable 													
35	Walkie talkie	01												
	<p>BASE STATION MOTOROLA SPECIFICATION MODEL: DM-1600 ANALOG RADIO F-22 ANTENNA POWER SUPPLY GRV-12 0 LOW LOSS CABLE (80 FEET)</p> <p>REPEATER STATION FOR MOTOROLA RADIOS</p>	20 Ha nds et												

	<p>Filter to produce 1500 prints with Single Side & 750 Prints for Dual Side Card Printing Scenario.</p> <p>4 Thermal Transfer Over-Lamination Roll for 500 Patches for 1 side Lamination onto the Card.</p> <p>5 Printer Recommended cleaning kit.</p> <p>6 Blank RFID Proximity supports 125Khz reading frequency.</p> <p>7 High quality surface Simple PVC Cards.</p> <p>8 Comprehensive card printing software :</p> <ul style="list-style-type: none"> - Must have facility to connect live with ODBC like oracle 10 g , SQL Server, My SQL, MS Access and Excel Sheet - Must have live picture cropping facility - Must have live picture snapping facility , like NADRA - Must have 1D, 2D and Data matrix Barcode creating facility. - Software Must have physical license Dongle . ONLINE activation keys will not be acceptable 													
35	Walkie talkie	01												
	<p>BASE STATION MOTOROLA SPECIFICATION MODEL: DM-1000 ANALOG RADIO F-22 ANTENNA POWER SUPPLY GRV-12 10 LOW LOSS CABLE(100 FEET)</p> <p>REPEATER STATION FOR MOTOROLA RADIOS</p>	20 Ha nds et												

	<p>MODEL: SLE-5000 BUILD IN POWER SUPPLY F-22 ANTENNA LOW LOSS CABLE (200 FEET)</p> <p>HAND HELD RADIO MOTOROLA MODEL: DP-1400 ANALOG RADIO TOWER FEE RADIO COMMUNICATION, HIGH SPEED GI PIPE (FOR SECTION) COMPLETE INSTALLATION.</p> <p>AND COMPLETE ASSISTANCE FOR FREQUENCY FROM PTA (LICENSE FOR RADIO COMMUNICATION)</p>								
36	<p>Multi-Function Projector with cable 5000 Lumens Portable</p> <ul style="list-style-type: none"> • Size of and bright enough to be carried and used across several rooms • High contrast, bright image • 3000 Lumens brightness and equally high • 2000000 Pixels and Colour Light • On-board connectivity and networking • High speed 10/100 Ethernet; optional 10/100/1000 via QR connector • Projector navigation • Remote control with optical keystone correction and digital zoom for fine-tuning • 3 Year Total Cost of Ownership (TCO) Guarantee: AM rate furnished for maintenance and consumables up to 70% Equivalent 	30							

GRAND TOTAL RUPEES:-

The delivery of the goods is within 60-90 days after the award of contract.
 It is of the utmost importance that bids should be submitted very carefully

Contractor
 Sign with stamp

BID DECLARATION FORM

BDF-01

(Mandatory Filled and Attached with Financial Proposal)

SUPPLY OF Networking, IT, Security and Others equipments OF SBBU FOR THE YEAR 2017-2018

1. Name of Interested Firm: _____
2. CNIC#: _____
(Please attach Copy of CNIC)
3. NTN #: _____
(Please attach Copy of NTN Certificate)
4. GST#: _____
(Please attach Copy of GST Certificate)
5. SRB #: _____
(Please attach Copy of SRB Certificate)
6. Total Bid Amount Rs: _____
In words: _____
- Earnest Money @ 5 % of Bid Amount Rs: _____ DD/PO#: _____
In words: _____
- Bank: _____
7. Contact Person: _____
8. Postal Address: _____

9. Email Address: _____
10. Telephone: FPC#: _____ Cell Phone: _____
(Compulsory)

Declaration: I certify that, to the best of my knowledge and belief, all of the information on and attached is true, correct, complete and made in good faith. I understand that false or fraudulent information on or attached to this form may be grounds for not entertaining my bid, or for cancellation after bid acceptance, and may be punishable by fine or imprisonment according to law of Pakistan. I understand that any information I voluntarily provide on or attached to this bid may be investigated. Moreover, I hereby declare the all the terms and conditions of the bidding document are accepted.

Contractor
Sign with stamp

TERMS & CONDITIONS

Supplying/Providing/Installation & Commissioning of IP video surveillance & Network Infrastructure with network & security Devices, Wireless Mobile Set with license, Multimedia Projectors, Door Security Locks, ID Card Printer, I7 Computers, Employees Attendance System more than 500 users, at Shaheed Benazir Bhutto University, Shaheed Benazirabad as described in the BOQ Documents.

All interested vendors/ suppliers are requested to read following terms & conditions carefully for strict compliance:

1. Supplier will have to provide **call deposit @ 5% of bid amount** in the favor of the **DIRECTOR FINANCE, SHAHEED BENAZIR BHUTTO UNIVERSITY, Shaheed Benazirabad**, in case of failure the tender document will not be entertained
2. Tender is called on **Rate Contract & Item(s) Rate Basis**.
3. **After completion of all formalities the successful bidder will be bound to accept supply order throughout the year i.e 2017-18.**
4. Quantity at any time can be increased / decreased or any item can be deleted
5. The supplier will have to produce evidence in respect of their registration with Income Tax, Sales Tax & Sindh Excise and Board department.
6. Joint inspection will be carried out by the consignee & representative of Bidder with technical assistance of a concerned specialist/end user.
7. The Bidder will surprise a single stage two envelope procedure. The envelope marked as "FINANCIAL PROPOSAL" & "TECHNICAL PROPOSAL" and mentioned clearly address of the Bidder / Supplier
8. In case of default on the part of Supplier to Supply as per specification or within the stipulated time with or without extension, penalty of 3% of the supply order per month or part thereof up to maximum of 10% will be imposed on the supplier.
9. The successful Bidder will be bound to carry out job according to specification provided in the BOQ with or without extension given in the supply order, failing which his earnest money shall be forfeited.
10. The successful Bidder has to furnish such undertaking in writing on the stamp paper of Rs: 100/-
11. The price to be given inclusive of GST, Income Tax & any other government duty.
12. In case of delay in payment of duty & other applicable taxes and duties at the government prescribed rate, same to be paid from the bill.
13. The supplier who is/are exempted from GST, the rates for the same must be quoted accordingly, still to be 100% the cost of all those item(s) excluding G.S.T at the time of payment, no claim for refund to be paid.
14. Only those offers shall be accepted which are written / quoted given BOQ of the University.
15. All suppliers who have been blacklisted by any Government Department, their bids shall not be accepted.
16. Supplier's eligibility as per SPPRA rules. In case of non-production of eligibility tender for same to be rejected.
17. Cash tender will not be accepted.
18. Payment to be made on availability of funds, if delayed due to any reason; no extra interest / mark-up to be paid / paid.
19. Refund of earnest money shall be returned back to dealers / suppliers at their own cost.
20. An earnest money of 10 % of security deposit / performance security shall be called from the successful bidder before issuance of supply orders as per clause 12 of GCC of this bidding document.
21. Earnest money of successful bidder shall be refunded after one week of tender opening on receipt of a copy of the bill letter pad.
22. Goods to be taken at the office of the Purchase Officer, vender(s) who has / have qualified for bid / item at the rate of 10% of the item(s) before issuance of supply order.
23. Payment of supply order shall be issued after evaluation of sample of the item(s) by the Commissioning Committee to the lowest evaluated bid under "SPPRA Rule 49. Award of Contract".
24. The supplier to provide warranty duration of at least one year in their quotations/bids.
25. The work to be completed within at least 90 days from the date of Tender opening

Supply/Procurement/Installation & Commissioning of IP video surveillance & Network Infrastructure & Network & security Devices, Wireless Mobile Set with license, Multimedia Projector, Fire Security Lacks, ID Card Printer, I7 Computers, Employees Attendance System more than 1000 users, Shaheed Benazir Bhutto University, Shaheed Benazirabad

CLAUSE 1.1. INSTRUCTIONS TO THE BIDDERS:

- 1) The tenders shall be submitted with all documents and drawing literature and catalog (in equipment) in sealed envelopes, when opening was/ran, the envelop must contain tender inquiry No. on the top. The name of manufacturer/supplier should be affixed on the face of envelopes at the left side.
- 2) Tenders must be filled in with Blue or Black ink in the column provided / provided in BOQ documents duly signed.
- 3) The tenders must be free from erasing, cutting and over writing. In case of erasing, cutting and over writing, authorized person should initial it.
- 4) The rates of each item should be written in figure as well as in words. Arithmetical errors will be rectified on the basis if there is discrepancy between the unit price and the total price is obtained by multiplying the unit price and the quantity. The unit price shall prevail and the total price shall be corrected. In case of discrepancy the price in words will be considered as authenticated and final.
- 5) Conditions of sale will be ignored and will not be considered/entertained/accepted.
- 6) Original payment receipt of tender fee or in shape of Pay order / DD original as tender form fee in favour of Director General Shaheed Benazir Bhutto University Shaheed Benazirabad must be enclosed with the tender form.
- 7) The tenders must be free from all taxes, Income & Sales Tax etc. payable to Federal & Provincial Govt or Local Government. All taxes on this account shall be entertained.
- 8) The bidder must have the General sales tax (GST) Registration Certificate of the firm failing which the offer will be ignored. If the firm is exempted from GST either documentary evidence or certificate from competent authority shall be attached with the offer.
- 9) The bidder must have the valid professional Tax (Excise & Taxation) Certificate
- 10) List of all projects undertaken in the past (05) years.

CLAUSE 1.2. DELIVERY:

- 1) Storage and delivery period: The tenders may, however, give their short guaranteed delivery period by which the supply of goods should be made. No extension will be granted / accorded for the supply of initial quantity.
- 2) Tenders must indicate in their bids - make country of origin and furnish detailed technical description literature / catalogues of the items.
- 3) The bidder must indicate unit and final price both in figures & words on "Free Delivery basis to Consignee end."
- 4) Tenders must attach certificate letter that the supplied items are the original / brand new product / latest model non-refurbished.
- 5) No bidder shall authorize their distributor/agent/any firm or person to quote the same item, which the manufacturer has already offered in any tender. Failing those offers of both the manufacturer as well as other bidder shall be entertained.
- 6) Tenders must mention the number of users of the quoted item(s), availability of workshop & trend + qualified person at the place of supply.
- 7) Tenders must attach tender document furnish purchase receipts for each alternate offer in case they want to give alternate offer for any items. All the bids with alternate offer without separate purchase receipt (original) shall be ignored. Also, choice to select/ignore any their alternate offer shall rest with the purchaser.
- 8) The bidder must pay the cost difference if the same goods is/was supplied at lower rates to any other Government or Armed Forces in the province or outside in the same fiscal year.
- 9) The bidder must be bound to supply the awarded items mentioned dated supply orders on the date of supply.
- 10) When the goods are supplied, the bidder shall ask for a warranty from the supplier for replacement or repair of the procured good falling within the warranty period.
- 11) The bidder must provide warranty duration of at least one year in their quotations/bids.

CLAUSE 1.3. RIGHT OF PURCHASER TO VARY QUANTITIES.

The purchaser reserves the right to increase/decrease or delete the quantities of any items at the time of award. The purchaser also reserves the right to enhance the quantities of goods/service originally specified in the Schedule of items. The purchaser shall not be bound to accept any change in unit price or other terms and conditions of goods at any time during the contract.

CLAUSE 1.4. RIGHT OF PURCHASER TO ACCEPT ANY BID AND TO REJECT ANY OR ALL BIDS:

The purchaser reserves the right to accept or reject any bid in accordance with the provision provided in the tender document and the bidding process and rejects all bids at any time prior to contract award without any obligation to the affected bidder or bidders, on the grounds for the Purchaser's action.

CLAUSE 2.1.1

This invitation for bids is open to all suppliers within Pakistan
Bidders should be under a declaration of ineligibility for corrupt and fraudulent practices issued by any
Government of Federal Government, provincial government or a public sector organization.

Bidders should have operational office(s) in Pakistan and possess financial sustainability to meet timely
supply of goods.

GCC-02

CLAUSE 2.2.1
A. QUALIFICATION CRITERIA OF BIDDERS

1. Registration with the Registrar General Department
2. Registration with the Registrar of Companies
3. Required financial statements / IFCs security are attached.
4. Prices and other conditions provided in the tender documents
5. Bid is signed, sealed and stamped by the authorized person of the firm along with Authorization letter.
6. Past performance of supplier (at least five-year experience)
7. Turnover of Company in Millions (200M / Per Year at least five-year)

Note: All the criteria shall be answered on "Yes" or "No" basis on format of SPPRA.

B. CRITERIA OF TECHNICAL QUALITY

1. As per the technical specification of tender
2. Quality of workmanship

CLAUSE 2.3.1
CONDITIONS OF AWARD OF CONTRACT

- 1) Prior to the award of the contract, the Purchase Committee will notify the successful bidder in writing and the bidder shall confirm the offer by letter, to confirm in writing that the bid has been accepted.
- 2) The successful bidder shall participate the formation of the contract.
- 3) Amount of security deposit (S.P.P.R.A.) security deposit in the form of pay order / demand draft shall be called from successful bidder upon the acceptance of award.

CLAUSE 2.4.1
PROCEDURE OF AWARD

In case of any dispute or delay in awarding the contract, the Purchase committee will issue the supply orders to successful Bidder within the stipulated time frame.

CLAUSE 2.5.1
PAYMENT

The Contractor shall submit bill of material of procuring agency shall pass/certify the amount to be paid to the supplier, which he can use for the purchase of material for the project, subject to deduction of security deposit, advance payment if any made to the contractor. Advance payment shall be regarded as payments by way of advance against the final bill. The contractor shall submit bills for supply actually done and completed, and shall not preclude the completion of the project. The contractor shall submit final bill and rectification of defects and unsatisfactory items of works pointed out by the competent authority within the stipulated liability period.

Advance payment of 10% of the cost of equipment shall be paid after successful delivery of equipment at University designating the site of installation.

Balance of 90% of the cost of equipment shall be payable to the Contractor upon successful installation, proper integration and commissioning of all equipment as per requirement of at University designating the site of installation.

Final bill shall be submitted by the supplier within one month of the date fixed for the completion of the work otherwise the contractor shall be liable for the payment of the total amount payable for the supply shall be final and binding on all parties.

CLAUSE 2.6.1
SECURITY DEPOSIT / PERFORMANCE SECURITY SPPRA RULE-39.

10% of the cost of supply order shall be called from successful bidder in the form of security deposit in the form of pay order / demand draft shall be called from successful bidder upon the acceptance of award which will be refunded on satisfactory completion of the job, subject to the conditions of the contract of this bidding document.

CLAUSE 2.7.1
ACCEPTANCE OF SUPPLIES

If the supplies are not accepted as so completed, the competent authority may make payment for the supplies at reduced rates as he may consider reasonable in the preparation of final or on running bills submitted by the contractor in writing.

CLAUSE 2.8.1
REFUND OF SECURITY DEPOSIT / PERFORMANCE SECURITY SPPRA RULE-39.

The contractor shall be eligible for the refund of the supplies (a supplies should be considered as complete for the purpose of refund) within the stipulated time period from the last date on which its final supplies and installation has been made by a competent authority. If the stipulated time period has also passed and the competent authority has certified that all defects and unsatisfactory items of works pointed out by the end of this period have been corrected, the security deposit lodged by a contractor (in the form of bills submitted in installments from his bills) shall be refunded to him after the expiry of 90 days from the date on which all supplies are completed.

CLAUSE 13. UNIFORMITY:

- I/We accept whether our tender accepted for total, partial or enhanced quantity for all or any single item. I/We do agree to supply and accept the said item at the rates for the supply of contracted quantity within the stipulated period as per in the contract.
- I/We understand and confirm the refund of cost difference if the same goods is/was supplied at lower rates to any other Govt/Service Institution, Armed Forces, in the province in the same fiscal year.
- I/We understand that, if any of the information submitted in accordance to this tender enquiry found incorrect, our tender shall be cancelled at any stage on our cost and risk.

Signature
of the tenderer

DIRECTOR FINANCE
SHANWAZ BENAZIR BHUTTO UNIVERSITY, Benazirabad

Bid Evaluation

BOQ for Network/Infrastructure/Surveillance Component

Technical Evaluation Criteria for Network/Infrastructure Equipment/Surveillance

Company will be assessed through Technical Evaluation Criteria.

Sr. #	Description	Marks of Eligibility	Marks Obtained
1	MAF Required from the OEM (Manufacturer Authorization Form) for this RFP (The MAF is required for Network, Surveillance & Information Security Equipment)	10	
2	Product Country of Origin USA/European (Network & Surveillance). Please provide letter of origin from the principle.	15	
3	Manufacturer must have local presence in Pakistan and have local sales office (Network)	10	
4	Company must be ISO 9001 Certified	5	
5	Company must have minimum 3 similar projects in Network, Surveillance and Information Security (Please attach 3 copies) preferable in education sector.	15	
1	Company must have experience to install more than 500 cameras	5	
2	Company must have a cloud-based solution	10	
3	Company must have installed more than 200 Mor above in last three years	15	
4	Company must be registered with Sales Tax, Income Tax departments and share certificate of the NTN must be registered with the name of the individual.	5	
5	Company must be registered with the NTN	5	
6	Company must have offices in Pakistan. (provide contact address)	5	

Note: Please provide supporting evidence in support of your claims in technical proposal. Minimum Qualification is 80 out of 100.

(2) Financial Evaluation Criteria Weightage 30%