



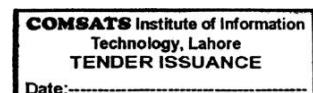
Tender Title: Multimedia Screen, Access Points, UPS, Switches and other IT Items for DAAD New Building

TERMS AND CONDITIONS

[All pages (BoQs& Terms & Conditions) are mandatory to be signed / stamped, failing which the bid may be rejected.]

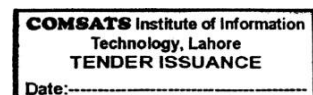
1. *Any addition, deletion or modification of any clause of the procurement terms & conditions/ BoQs of CIIT by any vendor will not be acceptable and may lead to rejection of the bid.*
2. *Only registered Suppliers, who are on Active Taxpayers List (ATL) of FBR, are eligible to participate in tender.*
3. The contract will be executed and handed over in satisfactory conditions up to the entire satisfaction of COMSATS Institute of Information Technology, Lahore Campus.
4. Documents along with Pay Order / Demand Draft amounting to **Rs. 500/-** as a tender documents fee (Non-Refundable) shall be submitted in favor of COMSATS Institute of Information Technology, Lahore to the address given below. No bid will be accepted without tender documents' fee.
5. Part / Advance payments is not allowed.
6. **The exact completion/delivery time from the date of the purchase / work order will be 07 days. The handing over / completion time for this contract is of critical importance.**
7. Your bid proposal should be inclusive of freight and all other taxes delivered at COMSATS Institute of Information Technology, Lahore Campus's premises.
8. After opening of bids, COMSATS Institute of Information Technology, Lahore Campus will examine the bids for completeness as per tender document.
9. Purchase order (s) will be awarded to the lowest or technically recommended bidder (s) on the basis of item wise / subtotal wise / grand total wise according to the nature of BoQs.
10. The bid should be submitted in a sealed envelope up to **September 20, 2017** on or before **1400hrs** and will be opened on the same date **at 1430hrs** in the presence of available bidders.
11. COMSATS Institute of Information Technology, Lahore Campus, will follow the PPRA rule of **single stage two envelope procedure**:
 - i. The bid shall comprise a single package containing **two separate envelopes**. Each envelope shall contain separately the **financial proposal** and the **technical proposal**;
 - ii. The envelopes shall be marked as **“FINANCIAL PROPOSAL”** and **“TECHNICAL PROPOSAL”** in bold and legible letters to avoid confusion;
 - iii. Initially, only the envelope marked **“TECHNICAL PROPOSAL”** shall be opened;

Signature & Stamp of Bidder



- iv. The envelope marked as **“FINANCIAL PROPOSAL”** shall be retained in the custody of the procuring agency without being opened;
 - v. The procuring agency shall evaluate the technical proposal in a manner prescribed in advance, without reference to the price and reject any proposal which does not conform to the specified requirements;
 - vi. During the technical evaluation no **amendments** in the technical proposal shall be permitted;
 - vii. The financial proposals of bids shall be opened publicly at a time, date and venue announced and communicated to the bidders in advance;
 - viii. After the evaluation and approval of the technical proposal the procuring agency, shall at a time within the bid validity period, publicly open the financial proposals of the technically accepted bids only. The financial proposal of bids found technically nonresponsive shall be returned un-opened to the respective bidders;
 - ix. and
 - x. The bid found to be the lowest evaluated bid shall be accepted.
12. The envelope should be marked as under;
- Secretary, Purchase Committee**
COMSATS Institute of Information Technology, Lahore Campus
 Defence Road, Off Raiwind Road, Lahore.
 Tel: 042-111-001-007, Ext: 875
13. The envelope shall also bear the word **“CONFIDENTIAL”** and following identification quotation of **“Multimedia Screen, Access Points, UPS, Switches and other IT Items for DAAD New Building”**.
14. The bid form (BoQs) must be duly filled in, stamped and signed by the authorized representative of the bidder.
- 15. If the vendor fails to deliver the goods / services to CIIT-Lahore in time then the penalty will be charged as under:-**
- a. 1% per day of the invoice price for 5 working days.
 - b. 2% per day of the invoice price for further 5 working days.
 - c. If the vendor fails to deliver the goods / services during the extended period then the purchase / work order may be cancelled, earnest money and payment may be forfeited.
16. If the delivered goods / services are not according to the required quality standards / specifications, the same shall be liable to be rejected after inspection. The vendor would be required to supply as per requirements mentioned in our BoQs, otherwise the purchase / work order will be cancelled after due date with confiscation of earnest money.
17. Deduction of Income Tax and any other tax will be deducted at source according to Government prevailing rules.
18. Payment will be made on submission of Invoice in the name of “COMSATS Institute of Information Technology, Lahore Campus” with a copy of delivery challan (s) after the complete order has been supplied, inspected and accepted which includes delivery / installation, and COMSATS acceptance / inspection thereof.

Signature & Stamp of Bidder



19. All prices should be quoted on F.O.R (Pak Rupees).
20. All prices should be valid for at least **60 days**. Withdrawal or any modification of the original offer within the validity period shall entitle CIIT to forfeit the earnest money in favor of the CIIT and / or put a ban on such vendor participation in CIIT tenders / works.
21. It is the sole responsibility of the agent / supplier / manufacturer to comply with the applicable laws, be national or international.
22. In case of any dispute or grievance, the matter shall be addressed as per PPRA rules.
23. The CIIT reserves the right to modify the quantities of goods / services at any time before the award of purchase / work order.
24. **05% of the total value of the Warranty Items (mentioned in BoQs) will be retained as security by COMSATS Institute of Information Technology, Lahore Campus, and will be released after Expiry of Warranty Period, which will be counted from the date of delivery / completion of work / supply.**
25. **The bidder is required to furnish in form of Bank deposit/ CDR / Pay order equivalent to 2% of the total Bid price as Earnest Money crossed in favor of “COMSATS Institute of Information Technology, Lahore Campus”. Any bid not accompanied by Earnest Money shall be rejected without any right of appeal.**
26. COMSATS Institute of Information Technology, Lahore Campus reserves the rights to accept or reject the bid if;
 - i. Received without earnest money
 - ii. Received later than the date and time fixed for tender submission
 - iii. The tender is unsigned/ unstamped
 - iv. The offer is ambiguous
 - v. The offer is conditional
 - vi. Offer is made by the unauthorized agent/ supplier of the original equipment manufacturer.
 - vii. The offer is from a firm, which is black listed by any Govt. Office.
 - viii. The offer is received by telephone/telex/fax/telegram.
 - ix. Any unsigned / ambiguous erasing, cutting / overwriting etc. is made.
27. The bidder should furnish a certificate as worded below in token of acceptance of all the terms and conditions of the tender otherwise the tender will not be considered under any circumstances.
28. The undersigned affirm that the terms and conditions as contained in this document have been read and accepted and that in the event of selection of my/our rate the agreement in the prescribed form will be entered into:

- **Company / Vendor Name:**.....
- **Postal Address:**.....
- **Tel. / Mobile:**.....**Email:**.....
- **NTN# :**.....**GST#:**.....
- **Signature:**

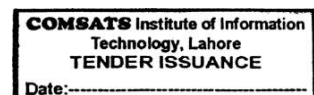
- Please also attach the Certificate supporting being Active Taxpayer as per requirement of FBR.

BoQs of Multimedia Screen, Access Points, UPS, Switches and other IT Items for DAAD New Building

Technical Portion (Please mention the quoted model/ brand in technical portion with no mention of price otherwise the bid will be rejected)

Sr. #	No change in the BoQs (Specs & Qty.) of CIIT, as detailed below, is allowed. Any additional information may be mentioned in the blank columns (i.e. model / brand or Price). Any modification in CIIT's BoQ may lead to rejection of bid (fully or partially).		Quantity		Quoted Model Brand with meeting the all specifications
	Items Name	Detail Specifications			
1	Multimedia Screen	Multimedia Screen Size 10x8 Brand Lucky or equivalent	13	Nos.	
2	Security Surveillance Cams	IP Camera (Bullet) Model: Dahua DH-IPC-HFW5431E-Z5 or Equivalent (Compatible with current deployed NVR in CIIT, Lahore Campus) Image Sensor: 4 Megapixel Interoperability: ONVIF standard IR Distance: Distance min 90m; Image Enhancement: 3D-DNR, BLC, HLC, WDR Angle of View (Min): H: 32°, V: 18°; Accessibility: Web viewer, iPhone, Android Focus Control: Auto Frame Rate: 25/30fps at 4 MP DORI Distance (Min): Lens, Detect, Observe, Recognize, Identify, W 190m(623ft), 76m(249ft), 38m(124ft) 19m(62ft), T620m(2034ft), 248m(813ft), 124m(406ft), 62m(203ft) Intelligence IVS: Tripwire, Motion Detection Advanced Intelligent Functions: Face Detection Video Compression: H.264 Electronic Image Stabilization (EIS): Smart IR, Defog Digital Zoom: 16x Mirror: Yes; Network Ethernet: RJ-45 Protocol: UPnP; Bonjour Accessories: With all accessories. Warranty: Two-year onsite warranty. Mount Type: Board-in Type	2	Nos.	
3	Access Points with Controller Licenses	RUCKUS Zone Flex R310 or Equivalent Technology: Wireless Broad Compatibility: a/b/g/n/ac Wireless Bands: 2.4 & 5 GHz Simultaneously Transmission and Receive Power: 23 dBm for 2.4 GHz, 24 dBm for 5 GHz Data throughput: 300 Mbps (2.4GHz) and 867 Mbps (5GHz) Channelization Support: 20 MHz, 40 MHz and 80 MHz Beam Flex Technology: Beam Flex and Transmit beam forming capable. Gain up to 4dB. Antennas: Adaptive Antenna that provides up to 128 unique antennas with 64 Patterns Per Band. Ports: One 10/100/1000 Mbps Ethernet port Bssid: up to 8 per radio (16 per AP) Spatial Stream: Two Stream MIMO 2x2:2 POE: Power over Ethernet supported (802.3af) & passive POE Warranty: 3 Year onsite warranty Mounting Kit: Ruckus Mounting or Equivalent Security Cage: Cage to secure it from Stolen. (Sample can be check) Compatibility: work in standalone mode and controller based environment (Controller Ruckus SmartZone 100) Licenses: Licenses for SmartZone 100 POE: RUCKUS POE 902-0162-EU00 or Equivalent	6	Nos.	

Signature & Stamp of Bidder



4	UPS	10 KVA UPS with Long Backup for all IT equipment except LAB Brand: APC/ Emerson/ Equivalent Output Capacity: 10KVA Output Power factor: 0.8 Nominal Output Voltage: 230V Topology: Online Waveform type: Sine Wave Built-in AVR Built-in Surge Suppression Nominal Input Voltage: 230V Input Voltage range for main operation: 170-280V Bypass: Internal Bypass (Automatic & Manual) Input Frequency: 47-63 Hz Battery Type = Maintenance free Sealed Lead Acid & Leak Proof Battery Typical Recharge time = 6-8 hours Network Management System: SNMP Card. Backup: extended backup up to 1 Hr at 90 % load 2 years' onsite warranty including batteries	1	Nos.	
5	AVR	10 KVA Stabimatic Golden Series Servo Motor Stabilizer or equivalent / AVR or equivalent Capacity 10 KVA Wide Single-Phase Input Voltage Range (110-220VAC) +/-23% High Speed Servo Motor Control System and Soft Start Ultra High Response Speed, Controlled Response from High Torque, Low Inertia High Output Accuracy Better than +/- 0 to 3% High Frequency (Approximately 98% at full Load) Negligible Wave Form Distortion Under Voltage, Over Voltage & Phase Failure Protection Phase Sequence Protection, Auto Reset System Input Voltage: Single Phase Three Wires (220V to 25%) Out Put Voltage: 220V (+/- 0 to 3%) Frequency: 50/60HZ Efficiency: Better than 90% on full load Quality Certification: CE/UL Safety Certification: ISO 9002 Certified Warranty : One year onsite warranty including all parts	1	Nos.	
6	Manageable Switch	Layer 3 Manageable switch (Used/Refurbished). Cisco WS-C3850-48 port manageable Layer three switch or equivalent. 48x1G Port Downlink 2x10G SFP+ Uplink or higher LAN based software, support for Cisco VLAN Trunking Protocol (VTP 3 and prior versions), 2x Compatible SFP+ modules. (1 = Fiber + 1= RJ45 Ethernet)	1	Nos.	
6-A	Manageable Switch	Layer 3 Manageable switch (New). Cisco WS-C3850-24 port manageable Layer three switch or equivalent. 24x1G Port Downlink 2x10G SFP+ Uplink or higher LAN based software, support for Cisco VLAN Trunking Protocol (VTP 3 and prior versions), 2x Compatible SFP+ modules. (1 = Fiber + 1= RJ45 Ethernet) Warranty: Principals Standard Warranty Shipping Documents: Attached shipping documents to verify product	1	Nos.	
7	RJ 45 Network Connectors	3M original RJ45 connectors or equivalent 1 box = 100 piece	2	Box	
8	PDU's	Rack mountable Power Distribution Unit with single button control Rack PDU 19" RM 1U Europe or equivalent, 7 Sockets w/Lighted Master Switch + Safety Cover, Europe Plug 13A/3120W or equivalent	6	Nos.	
9	Poe switch	Original TP link 16 port POE switch or equivalent	1	Nos.	

10	Cable tie	Small Cable ties	2	Pack	
11	Velcro tie	Velcro Ties (Imported) Digitus professional Velcro tap for structured cabling or equivalent	2	Roll	
12	Double tap	Original 3M Dual Lock Reclosable Fastener SJ3541 400 Black, 1 in x 15 yd. or equivalent 1 roll = 15 yd or 45 feet	1	Roll	
13	Tagging tap	Tagging Tap Ez-label Tap for KL-820 or equivalent (Yellow)	3	Tap	
14	Network Patch Cords	3 M original, or equivalent , 3 Meter network Patch card (Green Color)	150	Nos.	
15	Fiber Optic Cable	Pony Cables 6 core Single mode out door fiber optic or equivalent with complete installation 10G connectivity supported	200	Met er	
16	Fiber Optic Deployment	Splicing etc	10	Nos.	
17	Fiber patch Cord	3M Single Mode Fiber Optics Patch cord or equivalent	4	Nos.	
18	Fiber Pig Tail	Original 3M Single Mode Fiber Optics pig cord or equivalent	4	Nos.	
19	24 port ODF with Couplers	Original 3M 24 port ODF with Couplers or equivalent	1	Nos.	
20	Male Female Power connectors for Multimedia	Good Quality Backalite Male Female connectors kit complete (C13 & C14)	15	Nos.	
21	Power Shoo for Multimedia	Good Quality Backalite Male Shoo Sample during technical	15	Nos.	

Note:

- **Bidders are required to provide samples of Sr. # 7, 8, 11, 12, 14, 15, 17, 18 along with technical bid.**
- **Authorization letter of Distribution / Dealership is also required for Item # 2, 3, 4, 5, 6, 6-A, 7, 14, 15, 17, 18.**
- **Samples should be proper tagged / signed / stamped.**

Financial Portion (Price and Brand/Model to be mention only in Financial Proposal in a separate sealed envelope)

No change in the BoQs (Specs & Qty.) of CIIT, as detailed below, is allowed. Any additional information may be mentioned in the blank columns (i.e. model / brand or Price). Any modification in CIIT's BoQ may lead to rejection of bid (fully or partially).					Rates to be quoted inclusive of all (applicable) taxes		
Sr. #	Items Name	with Specifications	Quantity		Quoted Model / Brand	Unit Price (Rs.)	Total Amount (Rs.)
1	Multimedia Screen	Multimedia Screen Size 10x8 Brand Lucky or equivalent	13	Nos.			
2	Security Surveillance Cams	IP Camera (Bullet) Model: Dahua DH-IPC-HFW5431E-Z5 or Equivalent (Compatible with current deployed NVR in CIIT, Lahore Campus)	2	Nos.			

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		<p>Image Sensor:4 Megapixel Interoperability: ONVIF standard IR Distance: Distance min 90m; Image Enhancement:3D-DNR, BLC, HLC, WDR Angle of View(Min): H: 32°, V:18°; Accessibility: Web viewer, iPhone, Android Focus Control: Auto Frame Rate: 25/30fps at 4 MP DORI Distance(Min): Lens, Detect, Observe, Recognize, Identify, W 190m(623ft), 76m(249ft), 38m(124ft) 19m(62ft), T620m(2034ft),248m(813ft),124m(406ft),62m(203ft) Intelligence IVS: Tripwire, Motion Detection Advanced Intelligent Functions: Face Detection Video Compression: H.264 Electronic Image Stabilization (EIS): Smart IR, Defog Digital Zoom: 16x Mirror: Yes; Network Ethernet: RJ-45 Protocol: UPnP; Bonjour Accessories: With all accessories. Warranty: Two-year onsite warranty. Mount Type: Board-in Type</p>				
3	Access Points with Controller Licenses	<p>RUCKUS Zone Flex R310 or Equivalent Technology: Wireless Broad Compatibility: a/b/g/n/ac Wireless Bands: 2.4 & 5 GHz Simultaneously Transmission and Receive Power: 23 dBm for 2.4 GHz, 24 dBm for 5 GHz Data throughput: 300 Mbps (2.4GHz) and 867 Mbps (5GHz) Channelization Support: 20 MHz, 40 MHz and 80 MHz Beam Flex Technology: Beam Flex and Transmit beam forming capable. Gain up to 4dB. Antennas: Adaptive Antenna that provides up to 128 unique antennas with 64 Patterns Per Band. Ports: One 10/100/1000 Mbps Ethernet port Bssid: up to 8 per radio (16 per AP) Spatial Stream: Two Stream MIMO 2x2:2 POE: Power over Ethernet supported (802.3af) & passive POE Warranty: 3 Year onsite warranty Mounting Kit: Ruckus Mounting or Equivalent Security Cage: Cage to secure it from Stolen. (Sample can be check) Compatibility: work in standalone mode and controller based environment (Controller Ruckus SmartZone 100) Licenses: Licenses for SmartZone 100 POE: RUCKUS POE 902-0162-EU00 or Equivalent</p>	6	Nos.		
4	UPS	<p>10 KVA UPS with Long Backup for all IT equipment except LAB Brand: APC/ Emerson/ Equivalent Output Capacity: 10KVA Output Power factor: 0.8 Nominal Output Voltage: 230V Topology: Online Waveform type: Sine Wave Built-in AVR Built-in Surge Suppression Nominal Input Voltage: 230V Input Voltage range for main operation: 170-280V Bypass: Internal Bypass (Automatic & Manual) Input Frequency: 47-63 Hz</p>	1	Nos.		

		Battery Type = Maintenance free Sealed Lead Acid & Leak Proof Battery Typical Recharge time = 6-8 hours Network Management System: SNMP Card. Backup: extended backup up to 1 Hr at 90 % load 2 years' onsite warranty including batteries				
5	AVR	10 KVA Stabimatic Golden Series Servo Motor Stabilizer or equivalent / AVR or equivalent Capacity 10 KVA Wide Single-Phase Input Voltage Range (110-220VAC) +/-23% High Speed Servo Motor Control System and Soft Start Ultra High Response Speed, Controlled Response from High Torque, Low Inertia High Output Accuracy Better than +/- 0 to 3% High Frequency (Approximately 98% at full Load) Negligible Wave Form Distortion Under Voltage, Over Voltage & Phase Failure Protection Phase Sequence Protection, Auto Reset System Input Voltage: Single Phase Three Wires (220V to 25%) Out Put Voltage: 220V (+/- 0 to 3%) Frequency: 50/60HZ Efficiency: Better than 90% on full load Quality Certification: CE/UL Safety Certification: ISO 9002 Certified Warranty : One year onsite warranty including all parts	1	Nos.		
6	Manageable Switch	Layer 3 Manageable switch (Used/Refurbished). Cisco WS-C3850-48 port manageable Layer three switch or equivalent. 48x1G Port Downlink 2x10G SFP+ Uplink or higher LAN based software, support for Cisco VLAN Trunking Protocol (VTP 3 and prior versions), 2x Compatible SFP+ modules. (1 = Fiber + 1= RJ45 Ethernet)	1	Nos.		
6-A	Manageable Switch	Layer 3 Manageable switch (New). Cisco WS-C3850-24 port manageable Layer three switch or equivalent. 24x1G Port Downlink 2x10G SFP+ Uplink or higher LAN based software, support for Cisco VLAN Trunking Protocol (VTP 3 and prior versions), 2x Compatible SFP+ modules. (1 = Fiber + 1= RJ45 Ethernet) Warranty: Principals Standard Warranty Shipping Documents: Attached shipping documents to verify product	1	Nos.		
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10	Cable tie	Small Cable ties	2	Pack		
11	Velcro tie	Velcro Ties (Imported), Digitus professional Velcro or equivalent tap for structured cabling	2	Roll		

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12	Double tap	Original 3M Dual Lock Reclosable Fastener SJ3541 400 Black, 1 in x 15 yd. or equivalent 1 roll = 15 yd or 45 feet	1	Roll			
13	Tagging tap	Tagging Tap Ez-label Tap for KL-820 or equivalent (Yellow)	3	Tap			
14	Network Patch Cords	3 M original, or equivalent , 3 Meter network Patch card (Green Color)	150	Nos.			
15	Fiber Optic Cable	Pony Cables 6 core Single mode out door fiber optic or equivalent with complete installation 10G connectivity supported	200	Meter			
16	Fiber Optic Deployment	Splicing etc	10	Nos.			
17	Fiber patch Cord	3M Single Mode Fiber Optics Patch cord or equivalent	4	Nos.			
18	Fiber Pig Tail	Original 3M Single Mode Fiber Optics pig cord or equivalent	4	Nos.			
19	24 port ODF with Couplers	Original 3M 24 port ODF with Couplers or equivalent	1	Nos.			
20	Male Female Power connectors for Multimedia	Good Quality Backalite Male Female connectors kit complete (C13 & C14)	15	Nos.			
21	Power Shoo for Multimedia	Good Quality Backalite Male Shoo Sample during technical	15	No's			

Special Terms and conditions:

- 1. Purchase / Work order will be awarded on Item Wise basis.**
- 2. Please submit the technical and financial bid (s) on CIIT-Lahore prescribed BoQs and clearly mention the quoted model brands and also attach the terms and conditions (signed, stamped) with both bids, otherwise your bid (s) may be rejected**
- 3. Kindly attach the tender fee with Technical Bid and Bid money / CDR with Financial Bid.**
- 4. Multiple rates of an item may also lead to the rejection of bid / item.**

Signature & Stamp of Bidder