# **Tender Document**

# Live Broadcasting Studio Setup at CUI (Islamabad Campus)



### COMSATS University Islamabad Park Road, Islamabad

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#### 1. Tender Notice

#### COMSATS University Islamabad CUI-Proc/(TN-607/06/2025)

#### Live Broadcasting Studio Setup at CUI (Islamabad Campus)

- COMSATS University Islamabad (CUI), a Public Sector University invites Bids through e-Pak Acquisition & Disposal System (EPADS) <u>https://eprocure.gov.pk</u> on "Single-Stage Two-Envelope" method from Income Tax & GST registered Firms/Companies who are on the Active Taxpayer List (ATL) for General Sales Tax and Income Tax of FBR.
- 2. The Bid Security for the Bid is Rs.100,000/- in the form of Call Deposit/Bank Draft (refundable) drawn in favor of "COMSATS University Islamabad" (FTN/NTN: 9013701-9); scanned copy of which is required to be uploaded through EPADS and hard copy must be submitted physically along with hard-copy of sealed bidding document on the closing date & time of the tender to COMSATS University Islamabad on the address given below.
- 3. The complete Tendering process shall be carried out through EPADS.
- 4. Interested bidders are requested to register themselves on the EPADS <u>https://eprocure.gov.pk</u> and submit their tender documents on EPADS.
- 5. For registration and guidance/training on EPADS, you may contact EPADS UAN: 051-111-137-237.
- Closing date of submission is <u>June 17, 2025, by 1100 hours</u>. The technical bids shall be opened <u>half hour</u> <u>after the closing time</u> in the presence of the bidders who wish to be present, in Room No. G-6/G-8, Ground Floor, Faculty Block-I, COMSATS University Islamabad.
- 7. As per PPRA Rule 33, CUI may reject all bids or proposals at any time prior to the acceptance of a bid or proposal.

#### **Contact Person and Submission**



In-Charge Procurement COMSATS University Islamabad

2nd Floor, Faculty Block-II, Park Road, Tarlai Kalan, Islamabad, Tel:0336-5524334,051-90495242,051-9049-5154,051-9049-5122, Email: wajidkamran@comsats.edu.pk

#### 2. Key Points

#### Table # 1

S.N	Detail	Specification
1.	Validity of Bid	90 Days from the date of Closing of Bids
2.	Award of Contract / W.O	Item-wise Basis
3.	Delivery time	Within 45 Days
4.	Method	Single Stage Two Envelope
5.	Closing Date & Time	June 17, 2025, by 1100 hours
6.	Opening Date & Time	Half Hour after the Closing Time on the same day
7.	Bid Security Amount (Under Rule 25 of PPRA Rules 2004)	Rs.100,000 /- (Refundable)
8.	Delivery Location (Arrangement of Labor included in the cost)	Store Section entry through Gate 1, behind Main Library Building. The Store (Mr. Noor Wali 051-9049-6035)

#### 3. Technical Evaluation Criteria:

#### Table # 2: Mandatory Requirements:

	Detail	Criteria	Envelope
1.	Financial Bid / Quotation (Strictly as per CUI pattern) Any alteration/addition/deletion shall dis-qualify the bidder from the bidding process	Mandatory	Financial Bid
2.	Draft of Bid Security (To be Physically Submitted to Purchase Section on the Closing Date)	Mandatory	
3.	Declaration Form	Mandatory	
4.	Active Taxpayer List (ATL) of FBR Status as "Active" in I.T and Compliance Level is 100% in GST	Mandatory	Technical Bid
5.	<b>Certificate of non-blacklisting:</b> Affidavit on legal paper of appropriate value (duly attested from notary public) OR letterhead that the firm/company is neither blacklisted nor in litigation with any public sector client	Mandatory	
6.	<b>Compliance with CUI requirement/Specification</b> Blank technical sheet shall be treated as non-compliance and may result rejection of tender / bid	Mandatory	
7.	<b>Professional Experience</b> List of 5 executed/ similar contracts of over <b>Rs.1,000,000/-</b> each for Different Clients in the last 5 Year (attached proof is mandatory).	Mandatory	
8.	Submission of Tender document through EPADS as well as one hard copy (Technical Bid Envelope, Financial Bid Envelope, Bid Security as per prescribed time in the tender notice).	Mandatory	
9.	Warranty: As per manufacturer warranty.	Mandatory	
	Authorize Dealer/Reseller of the Brand being offered.		
10.	The bidder must provide valid authorized dealership/re-seller certificate of the brand.	Mandatory	

- Failing in any of the mandatory requirement shall disqualify the bidder from the bidding process.
- After evaluation of bidders in technical evaluation process, financial bids of technically qualified bidders shall be only opened later on prior notice.
- DO NOT attach any information or portfolio which is not requested. Only provide the demanded information.

#### 4. FINANCIAL PROPOSAL

(On Company's Letterhead)

Ref No:

Date:

NTN:

GST:

### Live Broadcasting Studio Setup

SN	Specification	Qty	Unit Price (GST Excl)	GST Amount (If any)	Unit Price (GST Incl)	Total Cost (GST Incl)		
	BoQs of IT Equipment Item (s):							
01	DESKTOP SYSTEM	01						
	Processor Unit							
	<ul> <li>Model: Intel Core i7, 13th Generation</li> <li>Architecture: Raptor Lake</li> <li>Cores/Threads: Minimum 12 Cores / 20 Threads</li> <li>Base Frequency: ≥ 3.4 GHz</li> <li>Max Turbo Frequency: ≥ 5.0 GHz</li> <li>Cache: Minimum 30MB Intel Smart Cache</li> <li>TDP: ≤ 125W</li> <li>Cooling: High-efficiency CPU Air Cooler with thermal paste</li> </ul>							
	Motherboard							
	<ul> <li>Brand: MSI</li> <li>Model: B760M-E or Equivalent</li> <li>Form Factor: Micro-ATX</li> <li>Chipset: Intel B760</li> <li>Memory Support: DDR4, up to 128 GB, 4 DIMM Slots</li> <li>Expansion Slots: <ul> <li>At least 1 x PCIe x16 (for GPU)</li> <li>1 x PCIe x1</li> </ul> </li> <li>Storage Interface: <ul> <li>2 x M.2 NVMe Slots</li> <li>4 x SATA III Ports</li> </ul> </li> <li>Rear I/O Ports: <ul> <li>USB 3.2 Gen 1 Type-A and Type-C</li> <li>HDMI and DisplayPort</li> </ul> </li> </ul>							
	<ul> <li>LAN (Gigabit Ethernet)</li> <li>Audio Jack (3.5mm)</li> </ul>							

•	Onboard LAN: Intel Gigabit LAN Controller		
Mer	mory (RAM)		
•	Type: DDR4		
•	Capacity: 64 GB (2 × 32 GB or 4 × 16 GB)		
•	Frequency: Minimum 3200 MHz		
•	ECC: Non-ECC Configuration: Dual Channel Support		
	Comgutation. Data chamiler capport		
Sto	rage		
•	Primary: 1 TB NVMe SSD (PCIe Gen4 x4)		
	<ul> <li>Read Speed: ≥ 5000 MB/s</li> <li>M/site Speed: ≥ 4000 MB/s</li> </ul>		
•	<ul> <li>O Write Speed: ≥ 4000 MB/s</li> <li>Secondary: 2 TB 7200 RPM SATA III HDD</li> </ul>		
	• Buffer: 256 MB Cache		
	<ul> <li>Interface: SATA 6.0 Gbps</li> </ul>		
0	unking Cond (ODU)		
Gra	phics Card (GPU)		
•	Model: NVIDIA GeForce RTX 4080 Memory: 16 GB GDDR6X		
•	Core Clock: As per reference design		
•	<b>CUDA Cores</b> : ≥ 9728		
•	Outputs: 3 × DisplayPort 1.4a, 1 × HDMI 2.1		
•	Ray Tracing & DLSS Support: Required		
Cha	assis and Cooling		
•	Casing: Mid-Tower ATX Gaming Case with		
	transparent side panel		
•	Fans: Minimum 3 x ARGB 120mm fans pre- installed		
•	Airflow Design: Front Intake, Top & Rear Exhaust		
•	Dust Filters: Top, Bottom, and Front		
0			
Con	nnectivity		
	Wireless		
•	Wireless: <ul> <li>Dual Band Wi-Fi 5 or Wi-Fi 6 (2.4GHz &amp;</li> </ul>		
	5GHz)		
	<ul> <li>Bluetooth 5.0 or higher</li> </ul>		
•	Wired: 1 x Gigabit Ethernet Port		
Dis	play Monitor		
2.0			
•	Model: Dell P2725H or Equivalent		
•	Size: 27 Inches		
•	Panel Type: IPS		
•	Resolution: 1920 × 1080 (Full HD) Refresh Rate: 100 Hz		
•	Refresh Rate: 100 Hz Response Time: 5 ms (Gray to Gray)		

• Brightness: 300 nits         • Contrast Ratio: 1500:1 (Static)         • Color Gamut: 99% sRGB         • Inputs: HDMI, DisplayPort, VGA         • Certification: Eye Comfort Certified         Peripherals         • Keyboard: Wireless, full-sized, multimedia keys         • Mouse: Wireless optical mouse with DPI adjustment         Power Supply Unit (PSU)         • Capacity: Minimum 750W 80+ Gold Certified         • Modularity: Semi or Fully Modular preferred         Warranty         • Warranty: Minimum 1-Year Parts Replacement Warranty         • DESKTOP SYSTEM         01         Processor Unit         • Architecture: Alder Lake         • Cores/Threads: Minimum 12 Cores / 20 Threads         Base Clock: ≥ 36 GHz         • Turbo Boost: ≥ 5.0 GHz         • Cache: ≥ 25MB Intel Smart Cache
• Color Gamu: 99% sRGB         • Inputs: HDMI, DisplayPort, VGA         • Certification: Eye Comfort Certified         Peripherals         • Keyboard: Wireless, full-sized, multimedia keys         • Mouse: Wireless optical mouse with DPI adjustment         Power Supply Unit (PSU)         • Capacity: Minimum 750W 80+ Gold Certified         • Modularity: Semi or Fully Modular preferred         Warranty         • Warranty: Minimum 1-Year Parts Replacement         Warranty         02         Processor Unit         • Model: Intel Core i7 – 12th Generation (e.g., i7-12700K or equivalent)         • Architecture: Alder Lake         • Cores/Threads: Minimum 12 Cores / 20 Threads         Base Clock: ≥ 3.6 GHz         • Turbo Boost: ≥ 5.0 GHz         • Cache: ≥ 25MB Intel Smart Cache
• Inputs: HDMI, DisplayPort, VGA         • Certification: Eye Comfort Certified         Peripherals         • Keyboard: Wireless, full-sized, multimedia keys         • Mouse: Wireless optical mouse with DPI adjustment         Power Supply Unit (PSU)         • Capacity: Minimum 750W 80+ Gold Certified         • Modularity: Semi or Fully Modular preferred         Warranty         • Warranty: Minimum 1-Year Parts Replacement         02         Processor Unit         • Model: Intel Core i7 – 12th Generation (e.g., i7-12700K or equivalent)         • Architecture: Alder Lake         • Cores/Threads: Minimum 12 Cores / 20 Threads         Base Clock: ≥ 3.6 GHz         • Turbo Boost: ≥ 5.0 GHz         • Cache: ≥ 25MB Intel Smart Cache         • TDP: ≤ 125W
• Inputs: HDMI, DisplayPort, VGA         • Certification: Eye Comfort Certified         Peripherals         • Keyboard: Wireless, full-sized, multimedia keys         • Mouse: Wireless optical mouse with DPI adjustment         Power Supply Unit (PSU)         • Capacity: Minimum 750W 80+ Gold Certified         • Modularity: Semi or Fully Modular preferred         Warranty         • Warranty: Minimum 1-Year Parts Replacement         02         Processor Unit         • Model: Intel Core i7 – 12th Generation (e.g., i7-12700K or equivalent)         • Architecture: Alder Lake         • Cores/Threads: Minimum 12 Cores / 20 Threads         Base Clock: ≥ 3.6 GHz         • Turbo Boost: ≥ 5.0 GHz         • Cache: ≥ 25MB Intel Smart Cache         • TDP: ≤ 125W
• Certification: Eye Comfort Certified         Peripherals         • Keyboard: Wireless, full-sized, multimedia keys         • Mouse: Wireless optical mouse with DPI adjustment         Power Supply Unit (PSU)         • Capacity: Minimum 750W 80+ Gold Certified         • Modularity: Semi or Fully Modular preferred         Warranty         • Warranty: Minimum 1-Year Parts Replacement Warranty         02         Processor Unit         • Model: Intel Core i7 – 12th Generation (e.g., i7-12700K or equivalent)         • Architecture: Alder Lake         • Cores/Threads: Minimu 12 Cores / 20 Threads         • Base Clock: ≥ 3.6 GHz         • Turbo Boost: ≥ 5.0 GHz         • Cache: ≥ 25MB Intel Smart Cache         • TDP: ≤ 125W
Peripherals       Image: Second
• Keyboard: Wireless, full-sized, multimedia keys         • Mouse: Wireless optical mouse with DPI adjustment         Power Supply Unit (PSU)         • Capacity: Minimum 750W 80+ Gold Certified         • Modularity: Semi or Fully Modular preferred         Warranty         • Warranty: Minimum 1-Year Parts Replacement Warranty         02         DESKTOP SYSTEM         01         02         Processor Unit         • Architecture: Alder Lake         • Cores/Threads: Minimum 12 Cores / 20 Threads         • Base Clock: ≥ 3.6 GHz         • Turbo Boost: ≥ 5.0 GHz         • Turbo Boost: ≥ 5.0 GHz         • Turbo Boost: ≥ 5.0 GHz         • TUP: ≤ 125W
• Keyboard: Wireless, full-sized, multimedia keys         • Mouse: Wireless optical mouse with DPI adjustment         Power Supply Unit (PSU)         • Capacity: Minimum 750W 80+ Gold Certified         • Modularity: Semi or Fully Modular preferred         Warranty         • Warranty: Minimum 1-Year Parts Replacement Warranty         02         DESKTOP SYSTEM         01         02         Processor Unit         • Architecture: Alder Lake         • Cores/Threads: Minimum 12 Cores / 20 Threads         • Base Clock: ≥ 3.6 GHz         • Turbo Boost: ≥ 5.0 GHz         • Turbo Boost: ≥ 5.0 GHz         • Turbo Boost: ≥ 5.0 GHz         • TUP: ≤ 125W
• Mouse: Wireless optical mouse with DPI adjustment       Image: Adjustment         Power Supply Unit (PSU)       Image: Adjustment         • Capacity: Minimum 750W 80+ Gold Certified       Image: Adjustment         • Modularity: Semi or Fully Modular preferred       Image: Adjustment         Warranty       Image: Adjustment         • Warranty: Minimum 1-Year Parts Replacement       Image: Adjustment         02       DESKTOP SYSTEM       01         02       Processor Unit       Image: Adjustment         Image: Adjustment       Image: Adjustment       Image: Adjustment         02       Processor Unit       Image: Adjustment         Image: Adjustment       Image: Adjustment       Image: Adjustment         02       Processor Unit       Image: Adjustment         Image: Adjustment       Image: Adjustment       Image: Adjustment         Image: Adjustment       Image: Adjustment       Image: Adjustment         02       Processor Unit       Image: Adjustment       Image: Adjustment         Image: Adjustment       Image: Adjustment       Image: Adjustment       Image: Adjustment         02       Processor Unit       Image: Adjustment       Image: Adjustment       Image: Adjustment         Image: Adjustment       Image: Adjustment       Image: Adjustment </th
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<ul> <li>Capacity: Minimum 750W 80+ Gold Certified</li> <li>Modularity: Semi or Fully Modular preferred</li> <li>Warranty         <ul> <li>Warranty: Minimum 1-Year Parts Replacement Warranty</li> <li>DESKTOP SYSTEM</li> <li>DESKTOP SYSTEM</li> <li>Processor Unit</li> <li>Model: Intel Core i7 – 12th Generation (e.g., i7- 12700K or equivalent)</li> <li>Architecture: Alder Lake</li> <li>Cores/Threads: Minimum 12 Cores / 20 Threads</li> <li>Base Clock: ≥ 3.6 GHz</li> <li>Turbo Boost: ≥ 5.0 GHz</li> <li>Cache: ≥ 25MB Intel Smart Cache</li> <li>TDP: ≤ 125W</li> </ul> </li> </ul>
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Cache: ≥ 25MB Intel Smart Cache     TDP: ≤ 125W
• <b>TDP</b> : ≤ 125W
Cooler: Aftermarket CPU Cooler with heatsink and
fan
Motherboard
Brand/Model: MSI PRO B760M-E DDR4 or
Equivalent
Chipset: Intel B760
Form Factor: Micro-ATX
Memory Slots: 4 x DDR4 DIMM, up to 128 GB
Expansion Slots:
$\circ$ 1 x PCle 4.0 x16
$\circ$ 1 x PCle 3.0 x1
• <b>M.2 Slots</b> : 2 x M.2 NVMe (PCle Gen4)
SATA Ports: 4 x SATA III 6Gb/s
• USB Ports: USB 3.2 Gen 1, USB 2.0
LAN: 1 x Intel Gigabit LAN
Audio: 7.1 Channel HD Audio

•	Video Outputs: HDMI, DisplayPort			
Men	nory (RAM)			
• • • • • •	Type: DDR4 Capacity: 32 GB (2 × 16 GB or 1 × 32 GB) Speed: Minimum 3200 MHz ECC: Non-ECC Channels: Dual Channel Supported			
Stora	age			
•	Primary Drive: 512 GB NVMe SSD (PCIe Gen4)         ○       Read Speed: ≥ 3500 MB/s         ○       Write Speed: ≥ 3000 MB/s         Secondary Drive: 1 TB HDD         ○       Speed: 7200 RPM         ○       Interface: SATA III         ○       Buffer: ≥ 64 MB			
Grap	phics Card (GPU)			
• • • •	Model: NVIDIA GeForce RTX 4060 Memory: 8 GB GDDR6 CUDA Cores: ≥ 3072 Ray Tracing: Supported DLSS: Supported Outputs: HDMI 2.1, DisplayPort 1.4a Power Requirement: As per manufacturer's recommendation			
Chas	ssis & Cooling			
• • • •	Casing: Mid-Tower ATX/µATX Compatible Fans: Minimum 3 x ARGB 120mm Fans Material: Steel with tempered glass side panel Dust Filters: Removable filters at top, front, and bottom Airflow: Optimized front-to-back cooling			
Conr	nectivity			
•	Wireless: • Wi-Fi 5 (802.11ac) or higher • Bluetooth 5.0 or higher LAN: 1 x Gigabit Ethernet Port			
Disp	lay Monitor			
• • •	Model: Dell P2725H or Equivalent Size: 27" Panel Type: IPS Aspect Ratio: 16:9			

		1		r	
	<ul> <li>Resolution: 1920 × 1080 (FHD)</li> </ul>				
	Refresh Rate: 100 Hz				
	Response Time: 5 ms (GtG)				
	Brightness: 300 nits				
	Contrast Ratio: 1500:1				
	Color Support: 99% sRGB, 16.7M colors				
	Certifications: Eye Comfort Certified (TÜV or				
	Equivalent)				
	Peripherals				
	Keyle and Windows full lowerst with multimedia				
	• <b>Keyboard</b> : Wireless, full layout with multimedia				
	keys				
	Mouse: Wireless optical mouse with DPI selection				
	Power Supply Unit				
	Wattage: Minimum 750W				
	Certification: 80+ Gold Certified				
	<ul> <li>Type: Semi or Fully Modular preferred</li> </ul>				
	Warranty				
	<ul> <li>Warranty: 1 Year Comprehensive Parts</li> </ul>				
	Replacement Warranty.				
	DESKTOP SYSTEM	04			
	DESKTOP SYSTEM	04			
03	DESKTOP SYSTEM	04			
03		04			
03	DESKTOP SYSTEM Processor Unit	04			
03		04			
03	Processor Unit	04			
03	<ul> <li>Processor Unit</li> <li>Model: Intel Core i5 – 12th Generation (e.g., i5-</li> </ul>	04			
03	<ul> <li>Processor Unit</li> <li>Model: Intel Core i5 – 12th Generation (e.g., i5- 12400 or equivalent)</li> </ul>	04			
03	<ul> <li>Processor Unit</li> <li>Model: Intel Core i5 – 12th Generation (e.g., i5-12400 or equivalent)</li> <li>Architecture: Alder Lake</li> </ul>	04			
03	<ul> <li>Processor Unit</li> <li>Model: Intel Core i5 – 12th Generation (e.g., i5-12400 or equivalent)</li> <li>Architecture: Alder Lake</li> <li>Cores/Threads: Minimum 6 Performance Cores /</li> </ul>	04			
03	<ul> <li>Processor Unit</li> <li>Model: Intel Core i5 – 12th Generation (e.g., i5-12400 or equivalent)</li> <li>Architecture: Alder Lake</li> <li>Cores/Threads: Minimum 6 Performance Cores / 12 Threads</li> </ul>	04			
03	<ul> <li>Processor Unit</li> <li>Model: Intel Core i5 – 12th Generation (e.g., i5-12400 or equivalent)</li> <li>Architecture: Alder Lake</li> <li>Cores/Threads: Minimum 6 Performance Cores / 12 Threads</li> <li>Base Clock: ≥ 2.5 GHz</li> </ul>	04			
03	<ul> <li>Processor Unit</li> <li>Model: Intel Core i5 – 12th Generation (e.g., i5-12400 or equivalent)</li> <li>Architecture: Alder Lake</li> <li>Cores/Threads: Minimum 6 Performance Cores / 12 Threads</li> <li>Base Clock: ≥ 2.5 GHz</li> <li>Turbo Boost: ≥ 4.4 GHz</li> </ul>	04			
03	<ul> <li>Processor Unit</li> <li>Model: Intel Core i5 – 12th Generation (e.g., i5-12400 or equivalent)</li> <li>Architecture: Alder Lake</li> <li>Cores/Threads: Minimum 6 Performance Cores / 12 Threads</li> <li>Base Clock: ≥ 2.5 GHz</li> <li>Turbo Boost: ≥ 4.4 GHz</li> <li>Cache: ≥ 18MB Intel Smart Cache</li> </ul>	04			
03	<ul> <li>Processor Unit</li> <li>Model: Intel Core i5 – 12th Generation (e.g., i5-12400 or equivalent)</li> <li>Architecture: Alder Lake</li> <li>Cores/Threads: Minimum 6 Performance Cores / 12 Threads</li> <li>Base Clock: ≥ 2.5 GHz</li> <li>Turbo Boost: ≥ 4.4 GHz</li> <li>Cache: ≥ 18MB Intel Smart Cache</li> <li>TDP: ≤ 65W</li> </ul>	04			
03	<ul> <li>Processor Unit</li> <li>Model: Intel Core i5 – 12th Generation (e.g., i5-12400 or equivalent)</li> <li>Architecture: Alder Lake</li> <li>Cores/Threads: Minimum 6 Performance Cores / 12 Threads</li> <li>Base Clock: ≥ 2.5 GHz</li> <li>Turbo Boost: ≥ 4.4 GHz</li> <li>Cache: ≥ 18MB Intel Smart Cache</li> </ul>	04			
03	<ul> <li>Processor Unit</li> <li>Model: Intel Core i5 – 12th Generation (e.g., i5-12400 or equivalent)</li> <li>Architecture: Alder Lake</li> <li>Cores/Threads: Minimum 6 Performance Cores / 12 Threads</li> <li>Base Clock: ≥ 2.5 GHz</li> <li>Turbo Boost: ≥ 4.4 GHz</li> <li>Cache: ≥ 18MB Intel Smart Cache</li> <li>TDP: ≤ 65W</li> </ul>	04			
03	<ul> <li>Processor Unit</li> <li>Model: Intel Core i5 – 12th Generation (e.g., i5-12400 or equivalent)</li> <li>Architecture: Alder Lake</li> <li>Cores/Threads: Minimum 6 Performance Cores / 12 Threads</li> <li>Base Clock: ≥ 2.5 GHz</li> <li>Turbo Boost: ≥ 4.4 GHz</li> <li>Cache: ≥ 18MB Intel Smart Cache</li> <li>TDP: ≤ 65W</li> </ul>	04			
03	<ul> <li>Processor Unit</li> <li>Model: Intel Core i5 – 12th Generation (e.g., i5-12400 or equivalent)</li> <li>Architecture: Alder Lake</li> <li>Cores/Threads: Minimum 6 Performance Cores / 12 Threads</li> <li>Base Clock: ≥ 2.5 GHz</li> <li>Turbo Boost: ≥ 4.4 GHz</li> <li>Cache: ≥ 18MB Intel Smart Cache</li> <li>TDP: ≤ 65W</li> <li>Cooling: High-performance Air CPU Cooler</li> </ul>	04			
03	<ul> <li>Processor Unit</li> <li>Model: Intel Core i5 – 12th Generation (e.g., i5-12400 or equivalent)</li> <li>Architecture: Alder Lake</li> <li>Cores/Threads: Minimum 6 Performance Cores / 12 Threads</li> <li>Base Clock: ≥ 2.5 GHz</li> <li>Turbo Boost: ≥ 4.4 GHz</li> <li>Cache: ≥ 18MB Intel Smart Cache</li> <li>TDP: ≤ 65W</li> <li>Cooling: High-performance Air CPU Cooler</li> </ul>	04			
03	<ul> <li>Processor Unit</li> <li>Model: Intel Core i5 – 12th Generation (e.g., i5-12400 or equivalent)</li> <li>Architecture: Alder Lake</li> <li>Cores/Threads: Minimum 6 Performance Cores / 12 Threads</li> <li>Base Clock: ≥ 2.5 GHz</li> <li>Turbo Boost: ≥ 4.4 GHz</li> <li>Cache: ≥ 18MB Intel Smart Cache</li> <li>TDP: ≤ 65W</li> <li>Cooling: High-performance Air CPU Cooler</li> <li>Motherboard</li> <li>Brand/Model: MSI PRO B760M-E DDR4 or</li> </ul>	04			
03	<ul> <li>Processor Unit</li> <li>Model: Intel Core i5 – 12th Generation (e.g., i5-12400 or equivalent)</li> <li>Architecture: Alder Lake</li> <li>Cores/Threads: Minimum 6 Performance Cores / 12 Threads</li> <li>Base Clock: ≥ 2.5 GHz</li> <li>Turbo Boost: ≥ 4.4 GHz</li> <li>Cache: ≥ 18MB Intel Smart Cache</li> <li>TDP: ≤ 65W</li> <li>Cooling: High-performance Air CPU Cooler</li> </ul> Motherboard <ul> <li>Brand/Model: MSI PRO B760M-E DDR4 or Equivalent</li> </ul>	04			
03	<ul> <li>Processor Unit</li> <li>Model: Intel Core i5 – 12th Generation (e.g., i5-12400 or equivalent)</li> <li>Architecture: Alder Lake</li> <li>Cores/Threads: Minimum 6 Performance Cores / 12 Threads</li> <li>Base Clock: ≥ 2.5 GHz</li> <li>Turbo Boost: ≥ 4.4 GHz</li> <li>Cache: ≥ 18MB Intel Smart Cache</li> <li>TDP: ≤ 65W</li> <li>Cooling: High-performance Air CPU Cooler</li> </ul> Motherboard <ul> <li>Brand/Model: MSI PRO B760M-E DDR4 or Equivalent</li> <li>Chipset: Intel B760</li> </ul>	04			
03	<ul> <li>Processor Unit</li> <li>Model: Intel Core i5 – 12th Generation (e.g., i5-12400 or equivalent)</li> <li>Architecture: Alder Lake</li> <li>Cores/Threads: Minimum 6 Performance Cores / 12 Threads</li> <li>Base Clock: ≥ 2.5 GHz</li> <li>Turbo Boost: ≥ 4.4 GHz</li> <li>Cache: ≥ 18MB Intel Smart Cache</li> <li>TDP: ≤ 65W</li> <li>Cooling: High-performance Air CPU Cooler</li> </ul> Motherboard <ul> <li>Brand/Model: MSI PRO B760M-E DDR4 or Equivalent</li> <li>Chipset: Intel B760</li> <li>Form Factor: Micro-ATX</li> </ul>	04			
03	<ul> <li>Processor Unit</li> <li>Model: Intel Core i5 – 12th Generation (e.g., i5-12400 or equivalent)</li> <li>Architecture: Alder Lake</li> <li>Cores/Threads: Minimum 6 Performance Cores / 12 Threads</li> <li>Base Clock: ≥ 2.5 GHz</li> <li>Turbo Boost: ≥ 4.4 GHz</li> <li>Cache: ≥ 18MB Intel Smart Cache</li> <li>TDP: ≤ 65W</li> <li>Cooling: High-performance Air CPU Cooler</li> </ul> Motherboard <ul> <li>Brand/Model: MSI PRO B760M-E DDR4 or Equivalent</li> <li>Chipset: Intel B760</li> </ul>	04			
03	<ul> <li>Processor Unit</li> <li>Model: Intel Core i5 – 12th Generation (e.g., i5-12400 or equivalent)</li> <li>Architecture: Alder Lake</li> <li>Cores/Threads: Minimum 6 Performance Cores / 12 Threads</li> <li>Base Clock: ≥ 2.5 GHz</li> <li>Turbo Boost: ≥ 4.4 GHz</li> <li>Cache: ≥ 18MB Intel Smart Cache</li> <li>TDP: ≤ 65W</li> <li>Cooling: High-performance Air CPU Cooler</li> </ul> Motherboard <ul> <li>Brand/Model: MSI PRO B760M-E DDR4 or Equivalent</li> <li>Chipset: Intel B760</li> <li>Form Factor: Micro-ATX</li> </ul>	04			
03	<ul> <li>Processor Unit</li> <li>Model: Intel Core i5 – 12th Generation (e.g., i5-12400 or equivalent)</li> <li>Architecture: Alder Lake</li> <li>Cores/Threads: Minimum 6 Performance Cores / 12 Threads</li> <li>Base Clock: ≥ 2.5 GHz</li> <li>Turbo Boost: ≥ 4.4 GHz</li> <li>Cache: ≥ 18MB Intel Smart Cache</li> <li>TDP: ≤ 65W</li> <li>Cooling: High-performance Air CPU Cooler</li> </ul> Motherboard <ul> <li>Brand/Model: MSI PRO B760M-E DDR4 or Equivalent</li> <li>Chipset: Intel B760</li> <li>Form Factor: Micro-ATX</li> <li>Memory Support: 4 × DDR4 DIMM, up to 128 GB</li> <li>Expansion Slots:</li> </ul>	04			
03	<ul> <li>Processor Unit</li> <li>Model: Intel Core i5 – 12th Generation (e.g., i5-12400 or equivalent)</li> <li>Architecture: Alder Lake</li> <li>Cores/Threads: Minimum 6 Performance Cores / 12 Threads</li> <li>Base Clock: ≥ 2.5 GHz</li> <li>Turbo Boost: ≥ 4.4 GHz</li> <li>Cache: ≥ 18MB Intel Smart Cache</li> <li>TDP: ≤ 65W</li> <li>Cooling: High-performance Air CPU Cooler</li> </ul> Motherboard <ul> <li>Brand/Model: MSI PRO B760M-E DDR4 or Equivalent</li> <li>Chipset: Intel B760</li> <li>Form Factor: Micro-ATX</li> <li>Memory Support: 4 × DDR4 DIMM, up to 128 GB</li> <li>Expansion Slots:</li> </ul>	04			

•	Storage Interface: 2 × M.2 NVMe PCIe Gen4 4 × SATA III 6Gb/s USB Ports: USB 3.2 Gen 1, USB 2.0 (Rear and Front headers) LAN: 1 × Intel Gigabit LAN Integrated Audio: 7.1 Channel HD Audio Codec Video Ports: HDMI and DisplayPort			
ivien	nory (RAM)			
• • • • •	Type: DDR4 Capacity: 16 GB (2 × 8 GB or 1 × 16 GB) Speed: Minimum 3200 MHz ECC: Non-ECC Configuration: Dual Channel Support			
Stor	age			
•	Primary Storage: 512 GB NVMe SSD (PCIe         Gen4)         ○ Sequential Read: ≥ 3500 MB/s         ○ Sequential Write: ≥ 3000 MB/s         Secondary Storage: 1 TB SATA HDD         ○ Speed: 7200 RPM         ○ Interface: SATA III         ○ Cache: ≥ 64 MB			
Gra	phics Card (GPU)			
• • • • • • • •	Model: NVIDIA GeForce RTX 3050 Memory: 6 GB GDDR6 CUDA Cores: ≥ 2304 Output Ports: At least 1 × HDMI 2.1, 2 × DisplayPort 1.4a Ray Tracing: Supported DLSS: Supported Power Requirement: As per reference spec			
Cha	ssis and Cooling			
•	<b>Casing</b> : Mid-Tower ATX/µATX Compatible <b>Cooling</b> : Minimum 3 × 120mm ARGB Fans (Front, Rear, Top) <b>Build</b> : Steel construction with transparent tempered glass side panel <b>Dust Protection</b> : Removable dust filters (top, bottom, front)			
Con	nectivity			
•	Wireless Adapter: • Wi-Fi 5 (802.11ac) or higher • Bluetooth 5.0 or higher			

Ethernet: 1 × RJ-45 Gigabit LAN Port			
Monitor			
<ul> <li>Model: 21" HFD LED Monitor or Equivalent</li> <li>Panel Type: IPS or VA</li> <li>Resolution: 1920 × 1080 (Full HD)</li> <li>Refresh Rate: 60 Hz or higher</li> <li>Response Time: ≤ 5 ms (Gray to Gray)</li> <li>Inputs: HDMI / VGA</li> <li>Brightness: ≥ 250 nits</li> <li>Stand: Tilt-adjustable</li> <li>Certification: Flicker-free &amp; Low Blue Light preferred</li> </ul>			
Peripherals			
<ul> <li>Keyboard: Full-size USB or Wireless Keyboard with multimedia keys</li> <li>Mouse: Optical USB or Wireless Mouse with minimum 800 DPI</li> </ul>			
Power Supply Unit			
<ul> <li>Wattage: Minimum 600W</li> <li>Certification: 80+ Bronze or better</li> <li>Form: ATX-compatible PSU</li> </ul>			
Warranty			
Warranty: Minimum 1-Year Parts Replacement Warranty.			
QNAP NAS Server 4 Bay TS-464-8G			
04 Key Features	01		
<ul> <li>Model: TS-464-8G 4 Bay</li> <li>Intel 4-Core Processor (Burst up to 2.9GHz)</li> <li>Internal Memory: 8GB DDR4 (Expandable up to 16GB)</li> <li>Flash 4 GB (Dual Bost OS support)</li> <li>2 x USB 3.2, 2 x USB 2.0 Ports, 2 x RJ45 Giga,</li> <li>2 x M.2 NVMe Drive Slots</li> <li>1 x PCle Slot Gen 3</li> <li>Drive Compatibility <ul> <li>3.5-inch SATA hard disk drives</li> <li>2.5-inch SATA solid state drives</li> </ul> </li> </ul>			
• 2 x 6TB compatible SSDs 6Gb/s			
Lenovo 12.7" Tab P12 Tablet + Keyboard Pack and	02		

05	Plus Pen					
	Key Features					
	<ul> <li>MediaTek Dimensity 7050 8-Core Processor</li> <li>8GB of LPDDR4x RAM</li> <li>12.7" LTPS 10-Point Touch Display</li> <li>2944 x 1840 Screen Resolution</li> <li>Integrated Arm Mali-G68 Graphics</li> <li>128GB Storage</li> <li>Wi-Fi 6   Bluetooth 5.1</li> <li>USB-C 2.0   microSD Card Slot</li> <li>Includes Stylus &amp; Keyboard Set</li> <li>Android 13</li> </ul>					
		Total	Cost (li	nclusive o	f GST)	

- The bid is submitted without any conditions.
- All the terms and conditions set forth by COMSATS University Islamabad in this tender are acceptable unconditionally, including **bid validity, delivery time.**

Name of Authorized Person:

Date:

Signature

Official Company Seal:

#### 5. Technical Compliance Performa

(On Company's Letterhead)

Ref No:

Date:

NTN:

GST:

### Live Broadcasting Studio Setup

SN	Specification	Brand Name being offered	Compliance	Non- Compliance	Higher if any
	BoQs of IT Equipment Ite	em (s):	:		
	DESKTOP SYSTEM				
	Processor Unit				
	<ul> <li>Model: Intel Core i7, 13th Generation</li> <li>Architecture: Raptor Lake</li> <li>Cores/Threads: Minimum 12 Cores / 20 Threads</li> <li>Base Frequency: ≥ 3.4 GHz</li> <li>Max Turbo Frequency: ≥ 5.0 GHz</li> <li>Cache: Minimum 30MB Intel Smart Cache</li> <li>TDP: ≤ 125W</li> <li>Cooling: High-efficiency CPU Air Cooler with thermal paste</li> </ul>				
	Motherboard				
1	<ul> <li>Brand: MSI</li> <li>Model: B760M-E or Equivalent</li> <li>Form Factor: Micro-ATX</li> <li>Chipset: Intel B760</li> <li>Memory Support: DDR4, up to 128 GB, 4 DIMM Slots</li> <li>Expansion Slots: <ul> <li>At least 1 x PCle x16 (for GPU)</li> <li>1 x PCle x1</li> </ul> </li> <li>Storage Interface: <ul> <li>2 x M.2 NVMe Slots</li> <li>4 x SATA III Ports</li> </ul> </li> <li>Rear I/O Ports: <ul> <li>USB 3.2 Gen 1 Type-A and Type-C</li> <li>HDMI and DisplayPort</li> <li>LAN (Gigabit Ethernet)</li> <li>Audio Jack (3.5mm)</li> </ul> </li> </ul>				

			r	
Memo	ory (RAM)			
• (	Type: DDR4 Capacity: 64 GB (2 × 32 GB or 4 × 16 GB) Frequency: Minimum 3200 MHz ECC: Non-ECC Configuration: Dual Channel Support			
Stora	ge			
	Primary: 1 TB NVMe SSD (PCIe Gen4 x4) ○ Read Speed: ≥ 5000 MB/s ○ Write Speed: ≥ 4000 MB/s Secondary: 2 TB 7200 RPM SATA III HDD ○ Buffer: 256 MB Cache ○ Interface: SATA 6.0 Gbps			
Graph	nics Card (GPU)			
•   • ( • (	Model: NVIDIA GeForce RTX 4080 Memory: 16 GB GDDR6X Core Clock: As per reference design CUDA Cores: ≥ 9728 Outputs: 3 × DisplayPort 1.4a, 1 × HDMI 2.1 Ray Tracing & DLSS Support: Required			
Chase	sis and Cooling			
• I • I • Z	Casing: Mid-Tower ATX Gaming Case with transparent side panel Fans: Minimum 3 x ARGB 120mm fans pre- nstalled Airflow Design: Front Intake, Top & Rear Exhaust Dust Filters: Top, Bottom, and Front			
Conne	ectivity			
	<ul> <li>Wireless:</li> <li>Dual Band Wi-Fi 5 or Wi-Fi 6 (2.4GHz &amp; 5GHz)</li> <li>Bluetooth 5.0 or higher</li> <li>Wired: 1 x Gigabit Ethernet Port</li> </ul>			
Displa	ay Monitor			
• { •   •   •	Model: Dell P2725H or Equivalent Size: 27 Inches Panel Type: IPS Resolution: 1920 × 1080 (Full HD) Refresh Rate: 100 Hz Response Time: 5 ms (Gray to Gray) Brightness: 300 nits			

	Contrast Ratio: 1500:1 (Static)	
	Color Gamut: 99% sRGB	
	<ul> <li>Inputs: HDMI, DisplayPort, VGA</li> </ul>	
	Certification: Eye Comfort Certified	
	Peripherals	
	• <b>Keyboard</b> : Wireless, full-sized, multimedia keys	
	<ul> <li>Mouse: Wireless optical mouse with DPI</li> </ul>	
	adjustment	
	Power Supply Unit (PSU)	
	Capacity: Minimum 750W 80+ Gold Certified	
	<ul> <li>Modularity: Semi or Fully Modular preferred</li> </ul>	
	Warranty	
	Morronty Minimum 1 Voor Darte Darlagement	
	Warranty: Minimum 1-Year Parts Replacement	
	Warranty	
	DESKTOP SYSTEM	
	Processor Unit	
	<ul> <li>Model: Intel Core i7 – 12th Generation (e.g., i7-</li> </ul>	
	12700K or equivalent)	
	Architecture: Alder Lake	
	<ul> <li>Cores/Threads: Minimum 12 Cores / 20</li> </ul>	
	Threads	
	<ul> <li>Base Clock: ≥ 3.6 GHz</li> </ul>	
	• <b>Turbo Boost</b> : ≥ 5.0 GHz	
	<ul> <li>Cache: ≥ 25MB Intel Smart Cache</li> </ul>	
	<ul> <li>TDP: ≤ 125W</li> </ul>	
	Cooler: Aftermarket CPU Cooler with heatsink	
	and fan	
2	Motherboard	
	Brand/Model: MSI PRO B760M-E DDR4 or	
	Equivalent	
	Chipset: Intel B760	
	Form Factor: Micro-ATX	
	• Memory Slots: 4 x DDR4 DIMM, up to 128 GB	
	Expansion Slots:	
	<ul> <li>1 x PCle 4.0 x16</li> </ul>	
	<ul> <li>1 x PCle 3.0 x1</li> </ul>	
	<ul> <li>M.2 Slots: 2 x M.2 NVMe (PCIe Gen4)</li> </ul>	
	SATA Ports: 4 x SATA III 6Gb/s	
	<ul> <li>USB Ports: USB 3.2 Gen 1, USB 2.0</li> </ul>	
	LAN: 1 x Intel Gigabit LAN	
	Audio: 7.1 Channel HD Audio	
		 ·

Video Outputs: HDMI, DisplayPort		
Memory (RAM)		
<ul> <li>Type: DDR4</li> <li>Capacity: 32 GB (2 × 16 GB or 1 × 32 GB)</li> <li>Speed: Minimum 3200 MHz</li> <li>ECC: Non-ECC</li> <li>Channels: Dual Channel Supported</li> </ul>		
Storage		
<ul> <li>Primary Drive: 512 GB NVMe SSD (PCIe Gen4)         <ul> <li>Read Speed: ≥ 3500 MB/s</li> <li>Write Speed: ≥ 3000 MB/s</li> </ul> </li> <li>Secondary Drive: 1 TB HDD         <ul> <li>Speed: 7200 RPM</li> <li>Interface: SATA III</li> <li>Buffer: ≥ 64 MB</li> </ul> </li> </ul>		
Graphics Card (GPU)		
<ul> <li>Model: NVIDIA GeForce RTX 4060</li> <li>Memory: 8 GB GDDR6</li> <li>CUDA Cores: ≥ 3072</li> <li>Ray Tracing: Supported</li> <li>DLSS: Supported</li> <li>Outputs: HDMI 2.1, DisplayPort 1.4a</li> <li>Power Requirement: As per manufacturer's recommendation</li> </ul>		
Chassis & Cooling		
<ul> <li>Casing: Mid-Tower ATX/µATX Compatible</li> <li>Fans: Minimum 3 x ARGB 120mm Fans</li> <li>Material: Steel with tempered glass side panel</li> <li>Dust Filters: Removable filters at top, front, and bottom</li> <li>Airflow: Optimized front-to-back cooling</li> </ul>		
Connectivity		
<ul> <li>Wireless:         <ul> <li>Wi-Fi 5 (802.11ac) or higher</li> <li>Bluetooth 5.0 or higher</li> </ul> </li> <li>LAN: 1 x Gigabit Ethernet Port</li> </ul>		
Display Monitor		
Model: Dell P2725H or Equivalent		

r	<b>C</b> : 07"
	• Size: 27"
	Panel Type: IPS
	Aspect Ratio: 16:9
	• Resolution: 1920 × 1080 (FHD)
	Refresh Rate: 100 Hz
	Response Time: 5 ms (GtG)
	Brightness: 300 nits
	Contrast Ratio: 1500:1
	Color Support: 99% sRGB, 16.7M colors
	Ports: HDMI, DisplayPort, VGA
	Certifications: Eye Comfort Certified (TÜV or
	Equivalent)
-	Peripherals
	Keyboard: Wireless, full layout with multimedia
	keys
	Mouse: Wireless optical mouse with DPI
	selection
	Power Supply Unit
	Wattage: Minimum 750W
	Certification: 80+ Gold Certified
	Type: Semi or Fully Modular preferred
	Warranty
	Warranty: 1 Year Comprehensive Parts     Replacement Warranty
L	DESKTOP SYSTEM
	Processor Unit
	Madely Intel Core iF 10th Concretion (c.r. iF
	Model: Intel Core i5 – 12th Generation (e.g., i5-
	12400 or equivalent)
	Architecture: Alder Lake
	Cores/Threads: Minimum 6 Performance Cores
	/ 12 Threads
	• Base Clock: ≥ 2.5 GHz
	• Turbo Boost: ≥ 4.4 GHz
3	Cache: ≥ 18MB Intel Smart Cache
5	• <b>TDP</b> : ≤ 65W
	Cooling: High-performance Air CPU Cooler
	Motherboard
	Rrand/Model: MSI DDO B760M E DDB4 or
	Brand/Model: MSI PRO B760M-E DDR4 or
	Equivalent
	Chipset: Intel B760
	Form Factor: Micro-ATX
1	Memory Support: 4 × DDR4 DIMM, up to 128

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	Connectivity			
	<ul> <li>Wireless Adapter:         <ul> <li>Wi-Fi 5 (802.11ac) or higher</li> <li>Bluetooth 5.0 or higher</li> </ul> </li> <li>Ethernet: 1 × RJ-45 Gigabit LAN Port</li> </ul>			
_	Monitor			
	<ul> <li>Model: 21" HFD LED Monitor or Equivalent</li> <li>Panel Type: IPS or VA</li> <li>Resolution: 1920 × 1080 (Full HD)</li> <li>Refresh Rate: 60 Hz or higher</li> <li>Response Time: ≤ 5 ms (Gray to Gray)</li> <li>Inputs: HDMI / VGA</li> <li>Brightness: ≥ 250 nits</li> <li>Stand: Tilt-adjustable</li> <li>Certification: Flicker-free &amp; Low Blue Light preferred</li> </ul>			
	Peripherals			
<ul> <li>Keyboard: Full-size USB or Wireless Keyboard with multimedia keys</li> <li>Mouse: Optical USB or Wireless Mouse with minimum 800 DPI</li> </ul>				
_	Power Supply Unit			
	<ul> <li>Wattage: Minimum 600W</li> <li>Certification: 80+ Bronze or better</li> <li>Form: ATX-compatible PSU</li> </ul>			
-	Warranty			
	Warranty: Minimum 1-Year Parts Replacement Warranty			
	QNAP NAS Server 4 Bay TS-464-8G			
	Key Features			
4	<ul> <li>Model: TS-464-8G 4 Bay</li> <li>Intel 4-Core Processor (Burst up to 2.9GHz)</li> <li>Internal Memory: 8GB DDR4 (Expandable up to 16GB)</li> <li>Flash 4 GB (Dual Bost OS support)</li> <li>2 x USB 3.2, 2 x USB 2.0 Ports, 2 x RJ45 Giga,</li> <li>2 x M.2 NVMe Drive Slots</li> <li>1 x PCIe Slot Gen 3</li> <li>Drive Compatibility</li> </ul>			

	<ul> <li>3.5-inch SATA hard disk drives</li> <li>2.5-inch SATA solid state drives</li> <li>2 x 6TB compatible SSDs 6Gb/s</li> </ul>
	Lenovo 12.7" Tab P12 Tablet + Keyboard Pack
	and Plus Pen
	Key Features
5	<ul> <li>MediaTek Dimensity 7050 8-Core Processor</li> <li>8GB of LPDDR4x RAM</li> <li>12.7" LTPS 10-Point Touch Display</li> <li>2944 x 1840 Screen Resolution</li> <li>Integrated Arm Mali-G68 Graphics</li> <li>128GB Storage</li> <li>Wi-Fi 6   Bluetooth 5.1</li> <li>USB-C 2.0   microSD Card Slot</li> <li>Includes Stylus &amp; Keyboard Set</li> <li>Android 13</li> </ul>

- The bid is submitted without any conditions.
- All the terms and conditions set forth by COMSATS University Islamabad are acceptable unconditionally, including **bid validity**, **delivery time**.
- I understand that blank technical sheet / non-mentioning of Brand and Model shall make my bid non-responsive and may result rejection of my bid.

Name of Authorized Person:

Date:

Signature

Official Company Seal:

#### 6. General Terms & Conditions of the Tender

- i. No tender/bid shall be considered if:
  - *a)* Not uploaded through EPADS.
  - *b)* Received without required documentation or deficiency in required documentation.
  - *c*) Received without bid security.
  - *d*) In contradiction with the specification given by the CUI.
  - *e*) Received with any condition.
  - *f*) The bidder is in litigation with CUI or is blacklisted by any organization or is notified as blacklisted on PPRA website.

#### 7. Contact person and Submission of Bids:

i. Contact Person for all inquiries, clarifications and bid submission shall be:

In-Charge Procurement COMSATS University Islamabad 2nd Floor, Faculty Block-II, Park Road, Tarlai Kalan, Islamabad, Tel: 0336-5524334, 051-90495242, 051-9049-5154, 051-9049-5122 Email: wajidkamran@comsats.edu.pk

#### 8. Validity of Bids:

- i. The Bid shall remain valid as mentioned in Table 1 of the tender document.
- ii. Any bidder/firm/ company which refuses to accept the Work Order based on market price escalation shall result in forfeiting the bid security. CUI may also impose a ban from business with it for a period of 6 months.

#### 9. Price of the Bid:

- i. Prices quoted by the Bidder shall be fixed during the period of the contract and not subject to variation on any account.
- ii. Applicable Income tax and GST shall be deducted at source and as per rules. In case of exemption, please mention and attach proper documentation duly verified from the concerned tax authorities. However, CUI may accept the exemption certificate. In case of non-acceptance, CUI shall deduct all applicable taxes as per tax rate. CUI shall provide a certificate of tax deduction and the vendor may claim refunds from Tax Authorities/FBR.
- iii. In the case of tie in rates of the bidders, award of contract shall be decided through balloting in the presence of the of the bidders.
- iv. Unit price shall be taken up to 1 decimal point. The total cost shall be round-up to zero decimal.
- v. In case of any conflict in the price/cost quoted by the bidder, the unit cost (Exclusive of GST) quoted by the bidder shall be considered for calculation.
- vi. In case GST is not mentioned, the prices shall be considered as inclusive of GST.

#### **10. Bid Currencies & Bid Security:**

- i. Bid prices shall be quoted in Pak Rupees.
- ii. The currency of the bid security shall also be in Pak Rupees.
- iii. The Bidder shall furnish, as part of its bid, bid security as specified in Table 1 of the tender document. The bid security is required to protect CUI against the risk of Bidder's default which would warrant the security's forfeiture.
- The bid security shall be in favor of COMSATS University Islamabad (FTN/NTN: 9013701-9), in any of the following form:
  - a. Bank Draft
  - b. Pay Order
- v. A scanned copy of bid security is required to be uploaded through EPADS and hard copy must be submitted physically on the closing date of the tender to COMSATS University Islamabad on the address given in the tender notice.
- vi. No personal cheques shall be acceptable at any cost. Also, any previous bid security shall not be considered or carried forward.
- vii. The bid security found deficient of the required amount shall not be considered.
- viii. Unsuccessful bidders' bid security shall be released and returned promptly as the successful bidder gives consent to the work order or signs the contract agreement, whichever is applicable.
- ix. The bid security of the bidder shall be forfeited if the bidder:
  - a. Requests for withdrawal of his bid during the evaluation process.
  - b. Does not accept the correction of arithmetic errors in its bid.
- x. The bid security of the successful bidder shall be forfeited if the bidder:
  - a. Fails to accept the work order/sign the contract agreement after announced as successful Bidder.
  - b. Fails to comply with the requirement of the bid and contract.

#### **11. Clarification of Bidding Document:**

i. During evaluation of the bid(s), CUI may, at its discretion, ask the Bidder for a clarification of its bid and such information imperative for evaluation. The request for clarification and the response shall be in writing, and no change in the prices or substance of the bid shall be sought, offered, or permitted. In case the bidder fails to respond within given deadline, the bidder shall be considered as nonresponsive and shall be disqualified from the bidding process.

#### 12. Opening of Bids:

i. CUI shall open all bids through EPADS at the time, date, and place specified in tender notice, in presence of bidders' representatives who wish to attend the meeting and shall sign an attendance sheet as evidence of their presence.

#### **13.** Influencing the evaluation process:

- i. No Bidder shall contact CUI on any matter relating to evaluation of its bid, from the time of bid opening to the time evaluation report is made public. If the Bidder wishes to bring additional information or has a grievance to submit, it should do so through EPADS.
- ii. Any effort by a Bidder to influence CUI during bid evaluation may result in disqualification of the bid.

#### 14. **Qualification & Evaluation of Bids:**

- i. CUI shall determine whether the Bidder is qualified to perform the Contract satisfactorily, in accordance with the criteria & qualification specified in the tender document.
- ii. The qualification shall be based upon an examination of the documentary evidence submitted by the Bidder, as well as such other information as CUI deem necessary and appropriate.
- iii. CUI shall technically evaluate and compare the bids which have been determined to be substantially responsive, as per evaluation criteria given in the tender document.
- iv. The bidder's financial evaluation of a bid shall be based on the lowest evaluated bid inclusive of all prevailing taxes and duties.
- v. CUI shall examine the bids as whether:
  - a. They are complete in all respect;
  - b. Any computational errors have been made;
  - c. Required financial sureties have been furnished;
  - d. The documents have been properly signed.
- vi. Arithmetical errors shall be rectified on the following basis:
  - a. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price (exclusive of tax) shall prevail, and the total price shall be corrected. If the Contractor does not accept the correction of the errors, the bid shall be rejected, and the bid security shall be forfeited.
  - b. If there is a discrepancy between words and figures, the amount in words shall prevail.
- vii. CUI may waive any minor non-conformity, in a bid which does not constitute a material deviation, provided such waiver does not prejudice or affect the relative ranking of any Bidder.

- a. Explanation: A minor non-conformity is one that is merely a matter of form and not of substance. It also pertains to some immaterial deficiency in a Bid or variation of a bid from the exact requirements of the tender document that can be corrected or waived without being prejudicial to other bidders. The deficiency is immaterial when the affect on quantity, quality, or delivery is negligible when contrasted with the total cost or scope of the supplies or services being acquired. CUI shall either give the bidder an opportunity to correct any deficiency in a bid or waive the deficiency, whichever is advantageous to CUI.
- viii. Prior to the detailed evaluation, CUI shall determine the substantial responsiveness of each bid to the bidding documents. For the purposes of these clauses, a substantially responsive bid is one which conforms to all the terms and conditions of the bidding documents without material deviations.
- ix. Deficiency in bid security, Applicable Law and Taxes and Duties shall be deemed to be a material deviation. The CUI 's determination of a bid's responsiveness is to be based on the contents of the bid itself without recourse to extrinsic evidence.
- x. If a bid is not substantially responsive, it shall be rejected and may not subsequently be made responsive by the Bidder by correction of the non-conformity.

#### **15. Notification of Evaluation Reports:**

i. The evaluation report shall be notified through EPADS.

#### **16. Corrupt or Fraudulent Practices & Blacklisting:**

- i. The bidders shall be required to observe the highest standard of ethics during the procurement and execution of contracts. For the purpose of this provision, the terms set forth below are defined as under:
  - a. "Corrupt practice" means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution.
  - b. "Fraudulent practice" means a misrepresentation of facts to influence a procurement process or the execution of a contract to the detriment of CUI;
  - c. "Collusive practice" is an arrangement among bidders (prior to or after bid submission) designed to establish bid prices at artificial, non-competitive levels for any wrongful gains, and to deprive CUI of the benefits of free and open competition.
- ii. CUI shall have the right to reject a proposal for award if it determines that the bidder had been engaged in corrupt or fraudulent practices in the past with any organization.
- iii. Any bidder/firm/company which is blacklisted by any organization and/or notified as blacklisted by PPRA shall be considered disqualified from the bidding process unless and until it is de-notified on PPRA website.

iv. If it at any time, CUI determines that the firm has engaged in corrupt, fraudulent, or collusive practices in competing for, or in executing the contract, it shall sanction/ban a bidder/firm/company, in accordance with prevailing Blacklisting procedures under Federal Public Procurement Rules.

#### 17. Right to Accept or Reject Bids:

i. Under PPRA Rule 33(1), CUI may reject bids or proposals at any time prior to the acceptance of a bid or proposal, without incurring any liability to the bidder(s).

#### **18. Award of Contract:**

- iii. After scrutiny of all bidding documents, the final evaluation report shall be uploaded to EPADS, and the work order/purchase order shall be issued on the basis of most advantageous bid as mentioned in **Table 1** of the tender document.
- ii. The successful bidder shall immediately sign a contract agreement / give consent to the Work Order/Purchase Order. The bidder shall bear all the stamp duties and expenses for the purpose of contract agreement/Work Order/Purchase Order, if any.

#### **19. Notification of Award:**

- i. The notification of award shall constitute the formation of the Agreement/Work Order/Purchase Order.
- Upon the successful bidder's signing the contract agreement/acceptance/consent to the Work Order/Purchase Order, CUI will promptly notify the unsuccessful bidder(s) and will release its bids security.
- iii. **Q**uantity may increase/Decrease as per CUI requirements subject of availability of funds.

#### 20. Delivery Information for deliverable items:

- i. The supply shall be made to CUI as mentioned in **Table 1** of the tender document.
- ii. In case of delay in delivery and installation the vendor may submit a written request for extension in delivery time, giving valid justification with proof.
- iii. CUI may extend the delivery time and installation according to the reason of delay with the condition of deductions in percentage (0% to 10%) from the total bill as penalty. The decision shall be communicated to the vendor for extension along with [percentage of deduction, if any]. In case of non-responsiveness/non-acceptance by the vendor, the work order shall automatically be cancelled, the bid security shall be forfeited. CUI may also impose a ban from business with it for a period of six months.
- iv. Vender may ensure the delivered equipment shall be brand new including all necessary accessories, otherwise delivery shall not be accept.

- v. CUI may reject the request for extension, in which case, the work order shall be cancelled, the bid security shall be forfeited. CUI may also impose a ban from business with CUI for a period of six months.
- vi. The bills along with delivery challan (duly signed by authorized official of CUI) shall be submitted to the Procurement Office for further necessary payment process. Any deficiency in bill/supporting documentation shall be removed by the vendor.
- vii. Any defective item(s) shall be replaced by the vendor during the warranty period, free of cost, within one-week is time. In case of failure to supply the specific item, CUI shall purchase the item on risk and cost of the supplier, to be deducted from the bidder's bid security or performance guarantee.
- viii. Payment shall be made as per actual quantity delivered & accepted to CUI.
- ix. Samples are mandatory where specifically demanded and bid without samples shall be considered non-responsive. No sample(s) shall be accepted after the closing date of the tender. Sample(s) other than the demanded item(s) shall not be considered.
- x. After technical evaluation of bids, sample(s) provided by bidders may be picked up from the procurement section within 30 days from the date of technical bid evaluation announcement. Failure on the part of the bidder(s) to collect his samples within the stipulated time shall allow CUI to dispose-off the samples.
- xi. In cases lowest evaluated bidder refuses or fails to supply the item(s)/execute the work within the deadline(s), the Work Order may be offered to the next lowest bidder provided that the difference between the 1st lowest bidder and 2nd lowest bidder (2nd-1st) is less than or equal to the earnest money (General Economic Principle). Same principle for 3rd, 4th lowest bidders and so on.

#### 21. For Services Information:

- i. All services payment shall be released on the completion of the particular service with the provision of evidence/ completion document that the awarded work has been performed successfully.
- ii. Services should be provided with in the defined timeline given in the tender document or as per the project needs.

#### 22. Legal Document

i. The Tender document and Contract agreement/Work Order/Purchase Order altogether shall have legal binding on all bidders.

#### 23. Declaration Form

#### (THIS FORM IS TO BE PROVIDED WITH THE BID)

All the terms & conditions have been carefully read and understood and are hereby unconditionally accepted and it is declared that:

- a) I understand that by inserting any condition in my bid consciously or unconsciously shall automatically disqualify me from the bidding process.
- **b)** By altering/adding/deleting any point, clause, condition in the documents provided shall automatically disqualify me from the bidding process.
- c) All the information furnished by me here-in is correct.
- d) I have no objection if enquiries are made about the work listed by me/us in the accompanying sheets /annexure.
- e) I agree that the decision of CUI in selection shall be final and binding to me.
- f) I have read the instructions appended to the proforma and I understand that if any false information in the document is noticed at a later stage, CUI is at liberty to act in a manner in accordance with the applicable rules and terms & conditions of the tender, which may include Penalty AND/OR forfeiting of bid security AND/OR blacklisting for future tendering with CUI AND/OR bar from business with CUI for a period of six months.

Tender Title	
Name of Firm/ Company	
Year of Establishment in this business	
Name of Authorized agent	
Office Address	
GST No.	
NTN.	
Valid Cell No.	
Valid E-mail (For all official correspondence)	
Signature & Stamp (Authorized Representative)	

#### 1. Tender Notice

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#### COMSATS University Islamabad CUI-Proc/(TN-607/06/2025)

## Live Broadcasting Studio Setup at CUI (Islamabad Campus)

- 1. COMSATS University Islamabad (CUI), a Public Sector University invites Bids through e-Pak Acquisition & Disposal System (EPADS) https://eprocure.gov.pk on "Single-Stage Two-Envelope" method from Income Tax & GST registered Firms/Companies who are on the Active Taxpayer List (ATL) for General Sales Tax and Income Tax of FBR.
- 2. The Bid Security for the Bid is Rs.100,000/- in the form of Call Deposit/Bank Draft (refundable) drawn in favor of "COMSATS University Islamabad" (FTN/NTN: 9013701-9); scanned copy of which is required to be uploaded through EPADS and hard copy must be submitted physically along with hard-copy of sealed bidding document on the closing date & time of the tender to
- COMSATS University Islamabad on the address given below.
- 3. The complete Tendering process shall be carried out through EPADS.
- 4. Interested bidders are requested to register themselves on the EPADS <u>https://eprocure.gov.pk</u> and submit their tender documents on EPADS. 5. For registration and guidance/training on EPADS, you may contact EPADS UAN: 051-111-137-
- 6. Closing date of submission is <u>June 17, 2025, by 1100 hours</u>. The technical bids shall be opened half hour after the closing time in the presence of the bidders who wish to be present, in Room No. G-6/G-8, Ground Floor, Faculty Block-I, COMSATS University Islamabad.
- 7. As per PPRA Rule 33, CUI may reject all bids or proposals at any time prior to the acceptance of a bid or proposal.

#### **Contact Person and Submission**



In-Charge Procurement COMSATS University Islamabad 2nd Floor, Faculty Block-II, Park Road, Tarlai Kalan, Islamabad, Tel:0336-5524334,051-90495242,051-9049-5154,051-9049-5122, Email: wajidkamran@comsats.edu.pk

Signature & Seal of the Bidder

**CS** CamScanner

