

UNIVERSITY OF TURBAT



(TENDER DOCUMENTS)

For

**Establishment of Computer Lab for
Department of Economics & Commerce
at UoT Main Campus**

(UOT/ADV/01-2021-A)

1. **INTRODUCTION:**

- 1.11 The University of Turbat (UoT) is a public sector University of higher Education commission of Pakistan wants to purchase IT & Networking equipment for Establishing a Computer lab for the department of Economics & Commerce department main Campus.

2. **BIDDING DATA.** (Salient features of bid).

2.11	Name & address of employer	UoT
	Currency	Pak Rupees
2.12	Amount of bid security	2 % quoted amount
	Period of validity	Four months
2.13	No. of copies of bid to be submitted	One
2.14	To whom bid is to be submitted	Procurement Officer Administration Main campus adjacent to M.8 Ginnah Turbat
2.15	Deadline for submission of the bid	27 th of December 2021 3:00 PM.
2.16	Date time and venue of bid opening	Bid will be opened on 27 th of December 2021, 3:30 PM in the meeting room of UoT Admin block by tender committee.

3. **RESPONSIVENESS OF BID**

A bid to be responsive must fulfill the following conditions	
3.11	The bid is valid till the time mentioned in the bid documents.
3.12	The bid prices are firm during the currency of the contract.
3.13	Completion period is offered within the specified limits.
3.14	The bidder is eligible to bid and possesses the requisite experience, capacity & qualifications.
3.15	The bidder has submitted the requisite bid security.
3.16	The bid does not deviate from basic technical parameters/requirements.
3.17	The bid meets the general specifications of the Tender

4. **PRICE ADJUSTMENT FOR DEVIATION IN TERMS OF PAYMENT**

If a bid deviates from the terms of payment as specified in the conditions of contract and if such deviations are acceptable to the Employer, then markup earned for any earlier payments involved in the terms outlined in the bid as

compared to those stipulated in the “Conditions of Contract” shall be calculated at the prevailing Bank interest rate and shall be added to the corrected total bid price for comparison purposes only.

5. **Basic eligibility conditions**

The bidders in order to be eligible for giving quotation must meet the following basic conditions.

- i. Technically & financially capable to perform such works.
(Documentary evidence to be given)
- ii. Must be registered with GST and Income tax departments (copies of certificates to be attached)
- iii. Must agree with terms and conditions given in the bidding documents.

6. **SPECIFIC WORK DATA (BRIEF DISCRIPTION OF THE WORK)**

6.1	Name of the work/supply	Establishment of Computer Lab for the department of Economics & Commerce at UoT Main Campus
6.2	Place of supply	The items are required to be delivered at University of Turbat main Campus.
6.3	Brief Description of work	The tender involves supply and installed of Furniture & IT equipment as per technical specifications given in the tender documents

7. **Contract Data**

7.1	Employer	University of Turbat
7.2	Contract	Establishment of Computer Lab for the department of Economics & Commerce at UoT Main Campus
7.3	Date of Delivery	The supplies are required to be delivered and Installed within three months from date of order.
7.4	Employer 's Representative	Procurement Officer
7.5	Performance security	Not Applicable
7.6	Period of removing defects	The defects, if any, must be removed or item replaced within two weeks.
7.7	Insurance	Not Applicable

7.8	Deduction	Income tax & GST will be deducted from bills as per government rules. The suppliers must submit NTN No and clearly state whether they are filer or non –filer.
7.9	GST	The supplier is required to submit copy of invoice with delivery.
7.10	Arbitration	As per relevant rules

8. **General Terms and condition**

8.1 All bids must accompany bid security @ 2 % of the quoted amount without which the bid will be out rightly rejected, being non responsive.

8.2 The bids must be kept valid for at least one month.

8.3 The bidder must provide details / proof of their registration with GST and Income Tax departments.

8.4 The items must be delivered at University of Turbat Main Campus premises in safe and sound condition. The damaged items will have to be replaced as soon as possible but not later than one week without any additional cost.

8.5 Retention money could be deducted @ 5% of the bill, in case part payment is allowed to the supplier.

8.6 The ordered items must be delivered & installed within three months from date of order. In case of delay beyond this period, liquidated damages could be charged @ 5% per week of the value of remaining items with a maximum of 10 %.

8.7 The Item must be exactly as per the specifications given in the Tender documents. In case of any deviation, the items will be returned back with all risk on the supplier.

8.8 The quoted rates must be inclusive of all costs including packing, Transportation, Installation, Taxes etc. No additional payment will be made on any account.

8.9 The quantities of the items can be increased or decreased for which no change in price will be allowed.

Seen & accepted
Name of the firm/
Bidder with stamps

Delay in Delivery

- In case of extension in the delivery period, the recovery shall be made on the basis of following percentages of value of goods stores / work completion which the tenderer has failed to supply / complete the work.

Conditions with Percentage

- a. Delay up to one fourth period of the prescribed delivery period. **2.5 %**
 - b. Delay exceeding one fourth but not exceeding half of the prescribed period. **5.0 %**
 - c. Delay exceeding half but not exceeding three fourth of the prescribed period. **7.5 %**
 - d. Delay exceeding three fourth of the prescribed period. **10.0 %**
- Fraction of a day in reckoning period in supplies shall be eliminated if it is less than half a day. The maximum amount of shall be 10%.
 - The security money shall be refunded immediately after expiry of warranty period provided there is no breach of contract by the supplier and provided there is no outstanding against the tenderer.

Seen & accepted
Name of the firm/
Bidder with stamps

Particular conductions of contract

1. The quantities given against each item are estimated ones and can be increased or decreased without change in rates depending upon actual requirement or space availability.
2. The items will need to be delivered & installed at the Main campus of UoT situated at Turbat.
3. Any damage or defect during transportation, loading/un loading or installation/fixing will be on supplier's account and no additional cost will be borne by UoT on this account.
4. For the branded items the firm must produce documentary evidence of the genuineness of the product.
5. Part payment may be allowed at the sole discretion of UoT; however in such event, UoT may retain a certain part of the payment.
6. The rates should be quoted for each item separately. The selection of lowest rates will be made on overall lowest basis.
7. the firm will be responsible for installation and commissioning of the items to the satisfaction of user department.
8. The items supplied will be inspected by a UoT inspection team and any defects pointed out will have to be rectified.
9. The firm will be required to provide guarantee in addition to standard guarantees by the manufacturer for one year. In case of any malfunctioning or defect during this period, the firm will be responsible to rectify the defects free of cost, the firm will also bear the transportation cost of the items which are to be sent for the rectification of defects.
10. The standard procurement rules and regulations of PPRA will be applicable.

TECHNICAL SPECIFICATIONS

S.No	Items	Specifications	Qty	Rate	Amount
1	Branded Desktop Computers Dell/HP or equivalent	10th Gen Intel® Core™ i5-10400 (6-Core, 12MB Cache, 2.9GHz to 4.3GHz), Intel UHD Graphics, 8 GB 1 x 8 GB DDR4 2933 MHz, M.2 256 GB NVMe, Class 35 SSD, Windows 10 PRO (64-bit), Intel® Wireless-AC 3165 802.11ac 1x1 + Bluetooth 4.2/5.0, Power supply 200W, Multimedia keyboard, Optical Mouse. Warranty: One Year Local Warranty other than the warranty given by the manufacturer	30		
2	Monitor Dell/HP or equivalent	24" LED/LCD, FHD IPS widescreen 1920 x 1080, PORTS: HDMI, DVI, VGA. Warranty: One Year Local Warranty other than the warranty given by the manufacturer	30		
3	Computer Table	Dimensions: 24" D x 64.8"W x 22" - 32" H 1-1/4" Thick high Pressure laminated work surface 3/8" thick bumper edge molding with rounded edges and corner for protection Solid H-frame construction 1 3/4" High 14 guage steel perimeter rails for lateral stability Wire management with rail mounted 3" D x 8" H wire Tray Cable ports in the tray for concealed wiring Each leg with 1" adjustable leveling glide for stability on uneven floor Adjustable height – 22" – 32" Handy back pack pegs built into frame 6 sided corner station available to maximize classroom space	14		

		Add-on options include: CPU holders with lock grill, monitor mounts, power sockets, keyboard trays and casters			
4	Computer Table	<p>Dimensions: 24" D x 30"W x 22" - 32" H</p> <p>1-1/4" Thick high Pressure laminated work surface</p> <p>3/8" thick bumper edge molding with rounded edges and corner for protection</p> <p>Solid H-frame construction</p> <p>1 3/4" High 14 guage steel perimeter rails for lateral stability</p> <p>Wire management with rail mounted 3" D x 8" H wire Tray</p> <p>Cable ports in the tray for concealed wiring</p> <p>Each leg with 1" adjustable leveling glide for stability on uneven floor</p> <p>Adjustable height – 22" – 32"</p> <p>Handy back pack pegs built into frame</p> <p>6 sided corner station available to maximize classroom space</p> <p>Add-on options include: CPU holders with lock grill, monitor mounts, power sockets, keyboard trays and casters</p>	2		
5	Computer Chair	<p>Revolving Chairs - Adjustable lumbar support and instant seat height adjustment.</p> <p>Heavy duty plastic 5- prong base</p> <p>Height/width adjustable arms with soft, durable urethane pads. Dimensions: 30-1/4"Wx28-3/4"Dx42" to 44-1/2"H.</p>	30		
6	Networking Switch 48 Port	<p>USW-Pro-48 Gen-2</p> <p>Dimensions 442.4 x 285.4 x 43.7 mm (17.42 x 11.24 x 1.72") Weight With Brackets 4.00 kg (8.82 lb) 4.09 kg (9.02 lb) Interfaces</p> <p>Networking Management (48) 10/100/1000 RJ45 Ports (4) 1/10G SFP+ Ethernet Ports</p> <p>Ethernet In-Band Total Non-Blocking Throughput 88 Gbps Switching Capacity 176 Gbps Forwarding Rate 130.944 Mpps Power</p>	01		

		Method Universal Input USP RPS DC Input 100-240VAC, 50/60 Hz 11.5VDC, 5.22A Power Supply AC/DC, Internal, 60W Voltage Range 100 to 240VAC Max Power Consumption 60W LEDs RJ45 Data Ports SFP+ Data Ports Speed/Link/Activity Link/Activity ESD/EMP Protection Air: ± 16 kV, Contact: ± 12 kV Shock and Vibration ETSI300-019-1.4 Standard Operating Temperature -5 to 45° C (23 to 113° F) Operating Humidity 10 - 90% Noncondensing Certifications CE, FCC, IC			
7	Communication Rack 4U	Color: Black Height: 4U Size: 22.25 x 19 x 10.5 inches Type: Wall Mount	01		
8	Rack Cooling Fan	Rated Voltage: 220V AC Frequency: 50 – 60HZ Compatibility: Fit in 4U Rack	02		
9	Power Distribution Unit	Model: PDU-8P Number of Output Units: 08 Standard Length: 2 meter Current Rating: 10A/2500W Rated Voltage: 220V Rated Frequency: 50 – 60 Hz Housing material: Aluminum Profiles.	01		
10	Networking	Networking of 30 computers Wallmounting the racks Lan connectivity via IO Sockets. Must use cable tray for cable management. The networking and power cabling be complete in all aspects. Power cables, IO Sockets, Network cables must be from a renowned brand.	1 Job		

11	Power Distribution Unit 8 port	Standard	1		
12	Main Switch/Circuit Breaker	Standard			
13	Projector with Screen	Brand: EPSON or equivalent 3LCD Technology, RGB liquid crystal shutter, LCD Panel 0.55 inch with C2 Fine, 3,600 Lumens, Resolution XGA, 1024 x 768, 4:3, Contrast Ratio: 16,000 : 1, Lamp: UHE, 210 W, 6,000 h durability, 12,000 h durability (economy mode), Keystone Correction: Auto vertical: ± 30 °, Manual horizontal ± 30 °, Throw Ratio: 1.48 - 1.77:1, Zoom: Manual 1.2x, USB Display Function: 2 in 1: Image / Mouse, Interfaces: USB 2.0 Type A, USB 2.0 Type B, VGA in, HDMI in, Cinch audio in, Wireless LAN IEEE 802.11b/g/n (optional), Built-in speaker, Weight: 2.5 kg, Split-Screen-Function, Power consumption Eclipse Projection Screens 8x6 ft - Motorized Equipped with Fixed bracket for easy ceiling or wall mounting, Extremely quiet synchronous electric motor, Operate with control pad or IR Remote control, Easy to adjust electric up/down stop limits			
14	CCTV Camera	CCTV IP Camera: Brand Dahua or Equivalent Model: IPC HD Resolution: 4 MP Shape: Dom Type Lens: 2.7 to 13.55 MM Varifocal Field View: 106° Wide Dianamic Range(WDR): 120°			

		IR Infrared: 50 meter night vision Video Compression: H265+ IP: 67 Intelligent Video: Abandon/Missing, Face detection 1-year Warranty			
15	Carpet Tiles	Required Size: 730 Sq/feet Classification for Use: Commercial- Heavy Use Fiber Type: Polyester - Applied Pattern Total Thickness: 4.5 – 8mm Standard Backing: Polyester Felt Cushion	730 sq/feet		
16	WiFi Device	Dimensions 196.7 x 196.7 x 35 mm (7.74 x 7.74 x 1.38") Weight With Mounting Kits 350 g (12.4 oz) 450 g (15.9 oz) Networking Interface (2) 10/100/1000 Ethernet Ports Port (1) USB 2.0 Port Buttons Reset Power Method Passive Power over Ethernet (48V), 802.3af/802.3at Supported (Supported Voltage Range: 44 to 57VDC) Power Supply UniFi Switch (PoE) Power Save Supported Maximum Power Consumption 9W Maximum TX Power 2.4 GHz 5 GHz 22 dBm 22 dBm Antennas (3) Dual-Band Antennas, 2.4 GHz: 3 dBi, 5 GHz: 3 dBi Wi-Fi Standards 802.11 a/b/g/n/r/k/v/ac Wireless Security WEP, WPA-PSK, WPA-Enterprise (WPA/WPA2, TKIP/AES) BSSID Up to 8 per Radio Mounting Wall/Ceiling (Kits Included) Operating Temperature -10 to 70° C (14 to 158° F) Operating Humidity 5 to 95% Noncondensing Certifications CE, FCC, IC Advanced Traffic Management VLAN 802.1Q Advanced QoS Per-User Rate Limiting Guest Traffic Isolation Supported WMM Voice, Video, Best Effort, and Background Concurrent Clients 250+	01		

		Supported Data Rates (Mbps) Standard Data Rates 802.11ac 6.5 Mbps to 1300 Mbps			
17	Air Conditions	Brand: Kenwood or Equivalent Cooling power in Tons: 1.5 Type: Wall Mounted Air flow: 4D Air Flow Remote Control: Yes Noice Level: Low Weight: 60 KG Display: Led Display Heat & Cool 3 years compressor & 1 year Parts & Service Warranty (2-for new lab, 2-for current lab 1-for server room)	2		
18	Roller Blinds	Roller Binds made of thick fabric with imported roller mechanism. Size 7''x3''	6		
	Total				