

UNIVERSITY OF TURBAT



(TENDER DOCUMENTS)

For

Supply & Installation of Equipment for

CCTV System

at

University of Turbat

Panjgur Campus

1. **INTRODUCTION:**

- 1.11 The University of Turbat (UoT) public sector University of higher Education commission of Pakistan wants to supply & Installation of equipment for security system at UoT Panjgur 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	Two month
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	4 th March 2022 03:00 PM.
2.16	Date time and venue of bid opening	Bid will be opened on 4 th March 2022 03:30 PM in the meeting room admin block main campus

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	Supply & Installation of CCTV system at UoT Panjgur Campus
6.2	Place of supply	The items are required to be delivered at Security Section University of Turbat.
6.3	Brief Description of work	The tender involves supply & Installation of equipment at Security room as per technical specifications and quantities given in the tender documents

7. **Contract Data**

7.1	Employer	University of Turbat
7.2	Contract	Supply & Installation of CCTV system at UoT Panjgur Campus
7.3	Date of Delivery	The supplies are required to be delivered within one month 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 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 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 will be deducted @ 5% of the bill, in case part payment is allowed to the supplier.
- 8.6 The ordered items must be delivered within one month from date of order. In case of delay beyond this period, liquidated damages will 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

Particular conduction 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 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 item wise; however the tender will be decided on overall lowest basis.
7. The standard procurement rules and regulations of PPRA will be applicable.
8. The selected firm will be required to provide a sample of the Computer + Monitor for technical checking before delivery of bulk supply.

SCHEDULE OF RATES

S. No	Name of Item	Specs and Quantity	Qty	Rate	Amount
1	NVR	Network Video Recorder	1		
	Quantity	01			
	Channel	32			
	Environmental	Up to 55C° operating condition			
	Ports	3 USB Ports, 2HDMI Ports, 2VGA			
	Network Port	RJ-455 Gigabit Port			
	Storage	4HDD Support, Up to 10TB for Each HDD			
	Third Party Support	Honeywell, Dahua			
	Special Feature	Automatic Number Plate Recognition, Auto tracking support, Intrusion, Abandoned/Missing, Face Detection			
	Video Compression	H265+, H265, H264			
	Incoming Bandwidth	Up to 320 Mbps			
	Camera Support	Up to 12 Megapixels			
2	NVR	Network Video Recorder	2		
	Quantity	02			
	Channel	16			
	Environmental	Up to 55C° operating condition			
	Ports	3 USB Ports, 2HDMI Ports, 2VGA			
	Network Port	RJ-455 Gigabit Port			
	Storage	4HDD Support, Up to 10TB for Each HDD			
	Third Party Support	Honeywell, Dahua			

	Special Feature	Automatic Number Plate Recognition, Auto tracking support, Intrusion, Abandoned/Missing, Face Detection			
	Video Compression	H265+, H265, H264			
	Incoming Bandwidth	Up to 320 Mbps			
	Camera Support	Up to 12 Megapixels			
3	PTZ Camera	PTZ IP CCTV Camera with Pole Mount Bracket	3		
	Quantity	03			
	Resolution	1920x1080P			
	Frame Rate	60fps			
	Lens	4.5 to 135 mm, 30x Optical Zoom			
	Sensor	2 Megapixels			
	WDR	WDR enabled			
	Night Vision	150 Meter IR Distance			
	Video Compression	H264, H265			
	Multi Streaming	Up to 3 Stream			
	Special Feature	Auto tracking support, Intrusion, Abandoned/Missing, Face Detection			
	Ingress Protection	Minimum IP 67			
	Environment	Up to 65 C° operating condition			
4	Bullet Camera	Bullet IP CCTV Camera			
	Quantity	6			
	Resolution	2688x1520			

	Frame Rate	30fps			
	Lens	Vari-focal, 2.7~13.5mm			
	Sensor	4 Megapixels			
	WDR	WDR enabled			
	Night Vision	50 Meter IR Distance(6 Nos)			
	Video Compression	H264, H265			
	Multi Streaming	Up to 3 Stream			
	Special Feature	Abandoned/Missing, Face Detection			
	Ingress Protection	Minimum IP 67			
	Environment	Up to 60 C° operating condition			
5	Bullet Camera	Bullet IP CCTV Camera-Large Lense	9		
	Quantity	9			
	Resolution	3840x2160			
	Frame Rate	30fps			
	Lens	Vari-focal, 7mm~35mm, 5 x optical zoom			
	Sensor	8 Megapixels			
	WDR	WDR enabled			
	Night Vision	100 Meter IR Distance			
	Video Compression	H264, H265, H265+			
	Multi Streaming	Up to 3 Stream			
	Special Feature	Abandoned/Missing, Face Detection			
	Ingress Protection	Minimum IP 67			
	Environment	Up to 60C° operating condition			

6	DOM Camera	DOM IP CCTV Camera	6		
	Quantity	6			
	Resolution	2688x1520			
	Frame Rate	30fps			
	Lens	Vari-focal, 2.7~13.5mm			
	Sensor	4 Megapixels			
	WDR	WDR enabled			
	Night Vision	50 Meter IR Distance			
	Video Compression	H264, H265			
	Multi Streaming	Up to 3 Stream			
	Special Feature	Abandoned/Missing, Face Detection			
	Ingress Protection	Minimum IP 67			
Environment	Up to 60 C° operating condition				
7	UPS/Inverter	3.2 Kw	1		
	Quantity	01			
	Capacity	3200 W			
	Operating Temperature	0-50 C°			
	Input Voltage Range	170-280V AC			
	AC Output	220 V			
	Battery Voltage	24 V DC			
	Charge Volt	30V DC			
	Solar Charge Current	100 A			

	Surge Power	6400VA			
	Efficiency Peek	93%			
	Other Features	MPPT, Pure Sine Wave, Micro Processor Control, Rapid Charging, Intelligent Battery Management, Built-in Wi-Fi			
9	Batteries	Tubular Solar Batteries(Inverex or equivalent)	4		
	Quantity	04			
	Capacity	185 Ah			
	Voltage	12V			
10	Network Switch	Cisco or equivalent	1		
	Quantity	1			
	Ports	28			
	Type	Managed			
	Base	RJ-45 Gigabit Ethernet			
	Ram	512 MB			
	Flash	256 MB			
	Capacity	56.0 Gbps			
11	Network Switch	Cisco or equivalent	8		
	Quantity	8			
	Ports	08 ports x 10/100/1000 Ethernet			
	Type	Unmanaged			
	Base	RJ-45 Gigabit Ethernet			
	Capacity	16 Gbps			

12	LED Screen	(Sony, Samsung, LG or equivalent Brand)	3		
	Quantity	03			
	Size	43 Inch Full HD Smart			
13	Rack	Wall Mount, 2U, Glass Front	3		
	Quantity	03			
14	Power Supply	DC Power Switching Adopter for Cameras	3		
	Pin	Camera supported			
		12v 1Amp (25 Nos)			
		24V 2.5Amp (05 Nos)			
	Total	30 Nos			
15	PDU	Power Distribution Unit	2		
	Quantity	02 Nos			
	Socket	08			
	Size	Rack Mount			
	Power	15 Amp			
17	Hard Disk	Surveillance	2		
	Quantity	02			
	Capacity	8 TB			
	Feature	Surveillance			
18	Distribution Box				
	Quantity	04			

	Features	Iron , Splash proof, Rustproof coating			
	Size	18x12x8 inch			
	Iron Gauge	16			
19	Junction Box	Plastic Junction Box for Camera Power Supply			
	Features	Out Door, Water Proof			
	Quantity	Size 150x150x70mm 25 Nos			
		Size 190X140X90mm 15 Nos			
	Total	40 Nos			
20	Power Cable		2700 meters		
	Quantity	2700 Meters			
	Size	40/.0076 mm,			
	No of Cores	2 core			
	Features	pure copper ,double insulated			
21	Ethernet Cable	UTP, Cat6			
	Quantity	8 Box			
	Brand	Dahua			
22	USB Cable	USB Extension Cable			
	Quantity	4			
	Length	10 Meter			
	Version	USB 3.0, Branded			
23	HDMI Cable	HDMI Cable			
	Quantity	4			

	Length	10 Meter			
	Version	2.0, Branded			
24	Connectors	RJ45 Connectors			
	Quantity	500 Nos			
	Cat.	Cat 6, Staggered			
25	PVC Trunking	Channel Patti			
	Quantity	680 Feet			
	Size	16x38 mm, PVC			
26	Electric Conduit	Pipe for electric cabling			
27	Quantity	1000 feet, with bends, junction box, saddles, clips, joints			
28	Conduit	Outdoor Flexible conduit 1 Inch (40 feet)			
29	Nail Steel,	1-1/2 Inch (1500 Nos)			
30	Screw Steel	With Fixer (500 Nos)			
31	Fiber Tie Clips	12 inch, (05 Packets)			
32	Solution Tape	(02 Dozens)			
33	Wire Joiner Strip,	12 way, 60 Amp (Nos 12)			
34	Split Air condition	18000 BTU (01 No)			
35	Complete Installation and Testing with One year Service and Parts replacement warranty				

Total	
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