

BURNS AND TRAUMA CENTRE HAYATABAD PESHAWAR
BID SOLICITATION DOCUMENTS
FOR CCTV SYSTEM UPGRADATION & SERVICES
TENDER -1(2022-23)
VIDE ADVERTISEMENT No. INF(P) 3922/22

The prospective bidder is expected to examine the Bidding Documents carefully, including all Instructions, Terms & Conditions, and Specifications etc. Failure to furnish all information required by the Bidding documents or submission of a Bid not substantially responsive to the bidding documents in every respect will be at the Bidder's risk and may result in the rejection of its bid.

TABLE OF CONTENTS

| S .No. | CONTENTS |
|---------------|--------------------------------------|
| I. | Invitation for Bids |
| II. | Bid Security |
| III. | Bid Validity |
| IV. | Instruction To Bidders |
| V. | General Conditions |
| VI. | Redressing of Grievances |
| VII. | Blacklistment & Debarment of Bidders |
| VIII. | Requirement and Specification |
| IX. | Special Conditions |
| X. | Evaluation Criteria |

I. Invitation for Bids
For Burns & Plastic Surgery Centre (Burn & Trauma Centre) Peshawar
under National Competitive Bidding for the year 2022-23
Tender-1(2022-23)

The office of the Director Burns & Plastic Surgery Centre (Burns & Trauma Centre) Peshawar invites sealed bids under National Competitive Bidding from qualified bidders for procuring of the following through **bidding procedures mentioned against each**, as per Khyber Pakhtunkhwa Public Procurement Regulatory Authority (KPPRA) Procurement Rules 2014, for the financial year 2022-23 onwards.

| S. No | Description | Bidding Procedure | Bid Security |
|--------------|--|---------------------------------------|---------------------|
| 1. | Operation & Maintenance of HVAC System | Single Stage Two-Envelopes | 200,000 |
| 2. | Security Services | = | 100,000 |
| 3. | Maintenance and Services of Medical Gas Plant System | = | 100,000 |
| 4. | Hardware Installation with Services (Servers, Networking Active & Passive Equipment) | = | 100,000 |
| 5. | CCTV Security System up-gradation & Services | = | 100,000 |
| 6. | Maintenance & Services of Electric Generator. | = | 100,000 |
| 7. | Maintenance & Services of Elevators | = | 100,000 |
| 8. | Maintenance & Services of UPS System | = | 50,000 |
| 9. | Maintenance & Services of Transformers | = | 30,000 |
| 10. | Maintenance & Services of Electric Substation | = | 30,000 |
| 11. | Maintenance & Services of Tube Well | = | 50,000 |
| 12. | Maintenance & Services of Firefighting and Fire Alarm System | = | 30,000 |
| 13. | Supply of Medical Gases | = | 100,000 |
| 14. | Contract of Local Purchase of Medicine | Single Stage One Envelopes | 100,000 |
| 15. | Purchase of Anesthesia Disposables/Medical Gases Items/tools/Consumables | = | 100,000 |
| 16. | Purchase of CSSD/Laundry Consumables | = | 100,000 |
| 17. | Purchase of Laboratory Equipment/chemicals/kits etc | = | 100,000 |
| 18. | Purchase of Stationery & Printing Items | = | 100,000 |
| 19. | Purchase of Medical Accessories/Items/Equipment | = | 100,000 |
| 20. | Purchase of Furniture & Furnishing Items | = | 100,000 |

| | | | |
|-----|---|---|--------|
| 21. | Purchase of Bedding & Clothing Items | = | 50,000 |
| 22. | Purchase of Miscellaneous Items | = | 50,000 |
| 23. | Website Up-gradation Services | = | 50,000 |
| 24. | Service level agreement for HMIS Software | = | 50,000 |

1. The rates approved will remain effective till **30-06-2023** extendable further.
2. Bidding documents/TORs can be obtained from Burns & Plastic Surgery Centre Peshawar in person / representatives during office hours before the Tender opening or downloaded from official website www.btckp.gov.pk.
3. Pre-bid meeting is arranged on **Wednesday, 06/07/2022** in Burns & Trauma Centre Peshawar.
4. Bids must be delivered at the address given below at or before **10:00 AM** on **Monday, 25/07/2022**. Tender will be opened in the presence of the bidders or their authorized representatives at **11:00 AM** on the same day by the Tender Opening Committee.
5. Tender received after due date/time will not be accepted.
6. Only typed tender on original company prescribing letter pad sealed & signed (Every Page) should be submitted with rated quoted in both words & figures. Hand written bids would not be acceptable
7. The firm must be on FBR Active Tax payer list, taxes will be deducted as per rules. The firms must provide details of NTN #, Sales Tax #, Income Tax #, professional Tax # etc. and exemptions if any.
8. For serial No.1 to 12 or where services are rendered, all firms must be registered with Khyber Pakhtunkhwa Revenue Authority (KPRA).
9. Proprietary Certificate if applicable must be attached.
10. The bidder, in case of being a winner, will be bound to ensure the fulfillment of the said order within stipulated period as per supply order, otherwise penalty will be imposed as per Govt: rules.
11. No conditional tender will be acceptable.
12. **Bid Security** as mentioned against each category in the form of CDR shall be submitted in favor of **Director Burn and Trauma Centre Peshawar.**

Note: the competent Authority reserves the right to reject all bids under the rule 47 of the Khyber Pakhtunkhwa Public Procurement Regulatory Authority (KPPRA) Procurement Rules 2014.

Bid Submission / Opening

Burns & Plastic Surgery Centre (Burn and Trauma Centre)

Hayatabad Peshawar.

Tel: 091-5830078-82

www.btckp.gov.pk

Corrigendum

Reference advertisement No.INF (P) 3922/22 Dated: 02/07/2022 published in Daily Aaj and others newspapers; the last date for bid submission/date for tender opening is extended to 15/08/2022.

II. BID Security/CDR

- a. The amount of CDR shall be as mentioned in the invitation of Bids
- b. The CDR should be submitted in favor of : **“Director Burns and Trauma Centre Peshawar”**.
- c. Firms shall include original CDR in Financial Bid and copy of CDR in Technical Bid.

III. BID VALIDITY:

90 days or as per applicable KPPRA Rules

IV. INSTRUCTIONS TO BIDDERS:

1. This Bidding procedure will be conducted in light of Khyber Pakhtunkhwa Public Procurement Regulatory Authority (KPPRA) Act, and Rules made there-under along with Standard Bidding Documents of B&TC
2. Both Technical Bids and Financial Bids must be submitted in two separate sealed inner envelopes marked “1-Technical Bid” and “2-Financial Bid” which should be packed in one outer sealed envelope.
3. The technical bids will be opened in the Bid opening in presence of the Bidders/representatives while the financial bids will be opened later on after the evaluation of technical bids. Financial bids of only technically qualified responsive bidders will be opened while the financial bids of technically unqualified bidders will be returned unopened.
1. **All the bidders are required to provide the documents annexure wise for their Evaluation Criteria. Please only provide the documents required and label them annexure wise. Additional documents may be annexed after the required documents. Documents not properly annexured will be discarded. Duplicate documents will also be rejected. It is at the risk and cost of the bidder to provide documents in proper order otherwise they will be rejected.**
2. Copy of CDR shall be attached with the Technical Bid while original CDR shall be attached to Financial Bid.
3. Pre-bid meeting with the interested bidders will be held on the above mention time and date in Conference Room of the Institution.
4. Any bid received after the deadline for submission of bids shall not be entertained and shall be returned unopened to the Bidder. Delay on part of the bidder or courier service shall not be entertained.
5. The bid should be complete in all respect and must be signed by the bidder. Bidders are essentially required to provide correct and latest postal/email/web addresses, Phone/mobile/fax numbers for actively and timely communication.
6. For any query, clarification regarding Services / Bid Solicitation Documents (BSD), the applicants may send a written request at least one day prior to the opening date.
7. The Bidder may after its submission withdraw its bid prior to the expiry of the deadline prescribed for submission of bids. Withdrawn bids will be returned unopened to the Bidders.
8. Any bid not received as per terms and conditions laid down in this document are liable to be ignored. No offer shall be considered if:
 - a. Received without bid security/CDR;
 - b. Received after the date and time fixed for bid submission;
 - c. The tender document and the bid is/are unsigned;
 - d. The offer is ambiguous;
 - e. The offer is conditional;
 - f. The offer is from blacklisted firm;
 - g. Bid must be typed; hand written contents shall NOT be accepted;
 - h. Bid found in violation of condition mentioned in tender notice or BSD.
9. Usage of correction fluid & corrections are strictly prohibited unless duly initiated.

10. No erasing / cutting etc. shall be allowed on the offer; such erasing/cutting etc. will lead to rejection of offer.
11. The bidder submitting bid in the name different from his own will be summarily rejected.
12. In case of Bid Tie, the decision will be taken as per govt. rules
13. Any direct or indirect effort by a bidding firm to influence the committee during the process of selection of a bidder or award of contract, shall lead to rejection of its bid.

V. GENERAL CONDITIONS: -

1. The bidder must be registered with Income / Sales Tax Department, reflected as Active Tax Payer on the list of FBR.
2. The bidder shall provide an undertaking that the bidder has not been declared black listed by any institution.
3. Bidders shall not be eligible to bid if they are under a declaration of Ineligibility for corrupt and fraudulent practices issued by any government organization in accordance with the Section 44(1) KPPRA Rules 2014.
4. B&TC Peshawar shall evaluate the proposal as per evaluation criteria set out in these documents.
5. Alternative bid via single bid shall not be considered and shall be rejected.
6. No Conditional Bid will be accepted
7. B&TC Peshawar may increase or decrease the quantity of the items required.
8. At any time prior to the deadline for submission of bids, B&TC Peshawar may, for reason to be recorded, whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify the bidding documents by addendum. However, after bid opening no alteration in bid documents shall be allowed.
9. If a bid is not substantially responsive, it will be rejected for the said bidding.
10. B&TC Peshawar may accept or reject any or all of the bids under Rule 47 of KPPRA Rules, 2014.
11. In case of the Importers/Authorized Dealers, the firm will ensure that the items are acquired from the original manufacturer and are arranged through proper channel as advised by the original manufacturer.
12. In case of equipment Purchase, the firm will provide the country-of-Origin certificate on the letterhead of manufacturer regarding the quoted equipment.
13. The successful bidder shall provide bill of lading on shipment, insurance document, if applicable.

VI. REDRESSING OF GRIEVANCES

1. The Grievance Redressal Mechanism of B&TC shall be in accordance with prevailing KPPRA Grievance Redressal Rules.
2. The Procuring Entity shall constitute a committee comprising of disagreed & notified by the competent authority proper powers and authorizations to address the complaints of bidders that may occur as per KPPRA Grievance Redressal Rules.
3. Any bidder feeling aggrieved by any act of the Procuring entity after the submission of his bid may lodge a written complaint concerning his grievances not later than 03 days after the announcement of the bid evaluation report.
4. The grievance redressal Officer shall investigate and decide upon the complaint within 06 days of the receipt of the complaint. The report along with decision shall be forwarded to the concerned officer within the prescribed period.
5. Mere fact of lodging of a complaint shall not warrant suspension of the procurement process.

VII. BLACKLISTMENT & DEBARMENT OF BIDDER/CONTRACTOR

Conditions for Blacklisting/debarment of Bidder/Contractor as per KPPRA Rules 2014 and its amendments will be followed.

The following are the events which would lead to initiate (Rule 44 of KPPRA Rules 2014) blacklisting/debarment process;

1. Consistent failure to provide satisfactory performances.
2. Found involved in corrupt/fraudulent practices.
3. Abandoned the place of work permanently
4. Conditions for debarment of Defaulted Bidder/Contractor
5. Failure or refusal to;
 - a. Accept Purchases Order / Services order terms;
 - b. Make supplies as per specifications agreed:
 - c. Fulfill contractual obligations as per contract
6. Non execution of work as per terms & condition of contract.
7. Any unethical or unlawful professional or business behavior detrimental to good conduct and integrity of the public procurement process.
8. Persistent and intentional violation of important conditions of contract.
9. Non-adherence to quality specifications despite being importunately pointed out.
10. Security consideration of the State i.e., any action that jeopardizes the security of the State or good repute of B&TC Peshawar.

VIII. REQUIREMENT & SPECIFICATION

FOR CCTV SURVEILLANCE SYSTEM WITH INSTALLATION & TESTING/COMISSIONING

| Sr.# | Description | A/U | Qty. | Unit Price inclusive of all taxes | Total Amount inclusive of all taxes |
|------|---|-----|------|--|---|
| 1 | <p>4MP Artifice Intelligence base Facial Reorganization IR Network Camera.</p> <ul style="list-style-type: none"> • 4MP, CMOS image sensor, low illuminance, high image definition • Max outputs 4MP (2688×1520) @50 fps/60 fps H.264&H.265 coding, high compression ration • Wide dynamic, day/ night, 3D NR, AWB, HLC, BLC • ROI, SVC, SMART H.264+/H.265+, flexible coding, applicable to various bandwidth and storage environments • Alarm: 3 in, 2 out; audio: 1 in, 1 out; RS-485; BNC; supports max. 256 G SD card • 24V AC/12V DC/PoE power supply • Five streams for three-channel HD video • IP67, IK10 protection grade • Ultra WDR(140dB), H.265, H.264, H.264H, H.264B, MJPEG • 5 streams, Face Recognition, with deep learning algorithmsupport People Counting, Face Capture, Perimeter Protection and Video Structuration. • Professional, intelligent • Parking detection, loitering detection, and people gathering. • Face Recognition • Face recognition, track, priority, snapshot, face enhancement, face exposure, face attribute extract, 6 attributes and 8 expressions: Gender, age, glasses, expressions (anger, sadness, disgust, fear, surprise, calm, happiness and confusion), mask, beard • Face matting setting: face, single inch photo Two snapshot strategies: priority snapshot, recognition • Face angle filter Priority time setting Management of 5 group face libraries Single person register and person register in batch Face recognition and | EA | 01 | | |

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|---|---|----|----|--|--|
| | <p>similarity setting</p> <ul style="list-style-type: none"> • Max supports face contrast in face library with 200,000 faces • Video Metadata • Support human body, human face, motor vehicle and non-motor vehicle image capture and attribute extraction. • People Counting • People counting (count the entry number, exit number and pass number), display and output daily/monthly/annual statistics, No. in area • Work together with Smart NVR to perform refines intelligent search, event extraction and merging to event videos. • 2.7 to 12mm Motorized Lens 12V DC/24V AC/ • IR Distance Minimum 50m • IP67, IK10 protection grade | | | | |
| 2 | <p>High Quality Artificial Intelligence Base 4 MP IR WDR Bullet EPOE Network Cameras with 50 Meter IR.</p> <p>Specifications:</p> <ul style="list-style-type: none"> • 4Megapixel progressive scan CMOS • H.265 & H.264 triple-stream encoding • WDR (140 dB), • AI and Intelligent Smart Features • Support face image capture • Support 6 kinds of face attributes extraction: Age, Gender, Expression (Jolly, Surprise, Normal, Rage, Sad, Disgusted, Confused, Frightened), Glasses, Mouth Mask, Moustache & Beard • Tripwire, intrusion (Recognition of vehicle and people), fast moving, loitering detection, parking detection and people gathering • Support People Counting, Perimeter | EA | 01 | | |

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|---|---|----|----|--|--|
| | <p>Protection</p> <ul style="list-style-type: none"> • Support Line crossing/Region/Queueing people counting; Support 4 accesses independent detection, 4 areas independent detection • Object Abandoned/Missing • Heat Map • 2.7 mm–12.0 mm motorized lens • 2/1 Alarm in/out, 1/1 audio in/out • Max. IR LEDs Length 50 m • Micro SD memory, IP67, • IK10 | | | | |
| 3 | <p>2 Megapixel Full HD AIWDR Access ANPR Cameras.</p> <p>Specifications:</p> <ul style="list-style-type: none"> • 2 Megapixel Full HD Artificial Intelligence ANPR Camera, • Powerful 2.7-13.5mm motorized lens and white light, Embedded with Deep learning LPR Engine, • Supports vehicle video detection with high detection rate; supports vehicle direction detection, • License plate recognition, vehicle size, vehicle color detection and etc. • Supports 11 vehicle sizes detection: large bus, heavy truck, medium truck, sedan, minivan, light truck, SUV, MPV, medium bus, pick-up and minicar, | EA | 01 | | |

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|---|--|----|----|--|--|
| | <ul style="list-style-type: none"> • Supports 11 colors detection (daytime): white, black, blue, red, yellow, green, pinkish purple, gray, brown, orange and silver. White List (10000 records database inside the camera) • WDR, Day/Night(ICR), 3DNR,BLC, HLC • H.265& H.264 dual-stream encoding • Micro SD memory • Powerful 2.7-13.5mm motorized lens and white light, ideal for monitor ANPR distance 3-8m • IP67, and superior performance for outdoor applications • Embedded with LPR algorithm inside the camera • Vehicle data structuring: license plate recognition, vehicle size, vehicle color detection and etc. | | | | |
| 4 | Iron Poles for fixed Cameras 10 Feetwith, Base, Civil Work complete in all aspects. | EA | 01 | | |
| 5 | Iron Poles for fixed Cameras 05 Feetwith, Base, Civil Work complete in all aspects. | EA | 01 | | |
| 6 | <p><i>Supply of Built-in Video Analytics Based 4 Megapixel H.265+ Star Light Perimeter Protection and Facial Detection Auto Tracking IR PTZ Speed Dome Camera with 45X Optical Zoom, 250M IR, Weather Proof Outdoor IP-67 Housing & Mounting Bracket.</i></p> <p><i>Specifications:</i></p> <ul style="list-style-type: none"> • 1/2.8" 4Megapixel STARVIS™ CMOS | EA | 01 | | |

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|---|---|----|----|--|--|
| | <ul style="list-style-type: none"> • Powerful 45x optical zoom • Starlight technology • Max. 25/30fps@4MP • Deep-learning-based auto tracking and perimeter protection • IR distance up to 250m • IP67, IK10 • Operating Temperature: -40°C~+70°C • Smart detection / Video Analytics: <ul style="list-style-type: none"> ❖ Support human, motor vehicle and non-motor vehicle image capture ❖ Support alarm triggering by target types (human And vehicle), Filtering out false alarms caused by animals, rustling leaves, bright lights, etc. ❖ Support Auto Tracking ❖ Tripwire ❖ Intrusion ❖ Object missing ❖ Object Abandoned ❖ Face Detection | | | | |
| 7 | <p><i>5MP IR Vari-focal Network Camera with built-in Mic.</i></p> <ul style="list-style-type: none"> • 5MP, 1/2.7" CMOS image sensor, low illuminance, high image definition • Outputs max. 5MP (2592 × 1944) @20 fps, and supports 4MP (2688 × 1520) @25/30 fps • H.265 codec, high compression rate, low bit rate • Built-in IR LED, max. IR distance: 40 m • ROI, SMART H.264+/H.265+, flexible coding, | EA | 01 | | |

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| | <p>applicable to various bandwidth and storage environments</p> <ul style="list-style-type: none"> • Rotation mode, WDR, 3D DNR, HLC, BLC, digital watermarking, applicable to various monitoring scenes • Intelligent detection: Intrusion, tripwire (support the classification and accurate detection of vehicle and human) • Abnormality detection: Motion detection, video tampering, scene changing, audio detection, no SD card, SD card full, SD card error, net work disconnection, IP conflict, illegal access, voltage detection • Supports max. 256 G Micro SD card, built-in Mic • 12V DC/POE power supply • IP67 protection • SMD Plus | | | | |
| 8 | <p><i>Supply of 32 Channel AI Enabled NVR (IP Cameras, Facial, ANPR, Metadata)</i></p> <p><i>Specifications:</i></p> <ul style="list-style-type: none"> • 32 Channel AI NVR • Smart H.265+/H.265/Smart • H.264+/H.264/MJPEG • Up to 16 Channel perimeter protection • Up to 4 Channel video stream face recognition • Up to 24 face pictures /sec processing • up to 20 face databases with 100,000 face images in total • 2 HDMI, 1 VGA Output Ports • Support Multiscreen Display • 16MP, 12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P | EA | 01 | | |

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|----|---|----|----|--|--|
| | <ul style="list-style-type: none"> • Smart H.265+/H.265/Smart H.264+/H.264/MJPEG • 320 Mbps Bandwidth • 8 SATA III Ports, Up to 8 TB capacity for each HDD • 2 RJ-45 Ports (10/100/1000Mbps) | | | | |
| 9 | <p>Intelligent Video Surveillance Server</p> <ul style="list-style-type: none"> • Industry embedded micro-controller • Max 400Mbps incoming bandwidth • 128-channel IP video access • Up to 16-channel perimeter protection • Up to 8-channel face recognition with normal Cameras. • Up to 20-channel face recognition with face detection Cameras. • Up to 4-channel video metadata • Up to 50 face databases with 300,000 face pictures in total • Supports RAID 0/1/5/6/10 • 3 HDMI/2 VGA video output • 400Mbps input, 20ch 1080P decoding, max 128 IPC input, H.265 & H.264 • 8 HDD, 2 VGA&3 HDMI, 4 RJ45(1000M), 4 USB(2USB3.0) <p>RAID0/1/5/6/10</p> <p>6CH Face Recognition by device with normal camera / 20 pcs/s pictures processing performance</p> <p>Search by image/face library management Regular/stranger mode</p> <p>16 channels perimeter protection by device</p> <p>4 channels metadata of human body, vehicle, non-motor vehicle</p> | EA | 01 | | |
| 10 | <p>Surveillance Management and Storage Server.</p> <ul style="list-style-type: none"> • Main Processor Intel i5-6600, 64 bits 4 Core Processor. | EA | 01 | | |

- Operating System Embedded Linux with 8GB memory.
- Supports 3.5" chassis with up to 15 hot plug hard drives and extend the storage via iSCSI and SAS/SATA disk intermixing to use.
- 4 Ethernet Ports (100/1000Mbps) and 3HDMI out ports with GPU decoding.
- Number of Connected Cameras per Server 512 IP and 2000 channel.
- System should be capable to add 64 Face recognition cameras Per Server without license.
- Send face library to face recognition devices, and config the similarity.
- System must be capable to add Face library management, Adding face one by one, Import faces in batches.
- Automatically captures faces in the camera field of view Extracts face attribute information from captured face, Real-time face comparison.
- Generate daily, weekly, monthly attribute report based on the gender and age.
- Clients per System 200 Online Users.
- Generate the track for specific face.
- Bandwidth of Video Input/output per Server 700 Mbps.
- Storage Environment Temperature -20°C ~ +70°C
- Redundant Power Supply.
- Embedded device, 7*24 stable operation
- High-performance stream media transfer and storage capability
- Support distribution and cascade deployment
- Support local storage and IP-SAN storage
- Support Google map, RasterMap
- Support ONVIF standard protocol
- Support platform SDK
- Front panel can displays system service status
- Support 2000 channels(Support 500 input devices)
- Support 200 online users, unlimited user management.

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|----|--|----|----|--|--|
| | <ul style="list-style-type: none"> • Support 700M transfer capability • Support 700M local storage capability • Support up to 2000 channels auto register • Support POS function • Support People counting • Support Heatmap • Support Face Recognition • Support ANPR | | | | |
| 11 | Recording Storage Surveillance Grade 8 TB | EA | 01 | | |
| 12 | <p>Branded Desktop PC with 9th Generation processor for Live Monitoring and Alarm Management of CCTV Cameras.</p> <p>Specifications:</p> <ul style="list-style-type: none"> • Intel® 9th Generation Core i5-10400 Processor – 2.90 GHz Turbo up to 4.3 GHz. • 12MB Cache or Better • 2GB Dedicated Nvidia Graphic Card or Better • 8GB DDR4 RAM • 1TB HDD • Intel Gigabit Ethernet, Keyboard, Mouse • 03 year warranty on site | EA | 01 | | |
| 14 | <p>HD Network Control Keyboard for PTZ Cameras.</p> <p>Specifications:</p> <ul style="list-style-type: none"> • HD Network Control Keyboard • Screen 10.1" TFT LCD touch screen • Keyboard to Control • RS232, RS485 & Network Connections • (Wi-Fi) • 2×RJ-45 port (10/100/1000M) • Four Dimensional Joystick Control of PTZ Functions • Support 4K decoding live view • Support 4CH HDMI output • Support snapshot and recording to U-disk • Support Video-Wall display control • Support bidirectional talk • Preset Position, Auto Scan, Auto Pan, Auto Tour & Pattern Control • Auxiliary Functions, OSD and operation guides Control | EA | 01 | | |

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| | <ul style="list-style-type: none"> Alarm 4 in and 3 Out | | | | |
| 15 | IT Rack 42U <ul style="list-style-type: none"> 42 U Rack Floor Standing Perforated Dual Compartment Door 2 Fixed Tray and 1 sliding tray 4 Fans Fan kit and PDU Compatible to cater all accessories as per the CCTV design. | EA | 01 | | |
| 16 | 50 Inch 4K INDUSTRIAL Grade Screen for 24x7 Surveillance Use. Specifications: 50"(16: 9) UHD LED monitor, built-in Android system, LED backlight, 3840×2160, 350cd/m2, 4000: 1 static contrast, 178/178 view angle, 8.5ms response time, 1.07B/10bit display color, 2×HDMI/USB 3.0/USB 2.0/Audio inputs, headphone Jack, RJ45 output, 2×8W speakers, 1118.2×642.9×62.5mm, 12.3kg. | EA | 01 | | |
| 17 | Aluminum Back Bracket for Each Screen | | 01 | | |
| 18 | High Quality HDMI/DVI Cables for connection between LCD Display Unit and Controller and between NVR and Controller. | | 01 | | |
| 19 | Installation Charges of Complete Display Systems. | | 01 | | |
| 20 | Professional FULL HD Multi Screen Controller H.265 Supported with Inputs and Output HDMI Cards /Ports. Specifications:- <ul style="list-style-type: none"> 19" standard 4U ATCA industry box Multi-screen Controller High speed passive rear panel design, reliable and stable Easy and flexible configuration with pluggable card module design 1024 IP input 160ch@1080P or 640ch@D1 signal decoding | EA | 01 | | |

(fullconfigured)

- 10 service card slots, every slot supports various service card
- Redundant power optional and smart temperaturecontrolled fan
- FPGA array framework, built in ultrahigh bandwidth switchmatrix, high image processing capacity, flexible data exchange
- Intel X86 main control chip inside, ultrahigh data processingcapacity and good extensibility
- PCI-E bus, high system bandwidthSupport analog/digital video signals input and matrix output
- Support non-compressed digital signal encoding output
- 2 RJ-45 gigabit network ports for matrix control, preview
- Remote cast analog/digital video onto the video-wall
- Remote reboot/upgrade/default setting and etc operations
- Video Decoding Output
- Interface 4ch HDMI1.4
- Split 1/4/9/16/32, free split
- Decoding Capability
- 2ch@12Mp
(25fps)/4ch@4K/16ch@1080P/32ch@720P/64
ch@D1,supporting H.265.
- Resolution,
3840*2160@30fps,1920*1080@60fps,1280*10
24@60fps,1280*720@60fps,1024*768@60fps.
- Splicing Support videowall splicing (max 80LCD

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| | display units) | | | | |
| 21 | Weather Proof Outdoor Edge DB Box to inbuilt UPS, Battery Bank, Poe switch, Line Conditioner, Circuit Breaker, ODFetc. | EA | 01 | | |
| 22 | Fiber Patch Cords/Pigtail | EA | 01 | | |
| 23 | <p>08 Port Industrial Grade POE Network Managed Gigabit Switch with 4 SFP Ports Support Ring Network</p> <p>Specifications:</p> <ul style="list-style-type: none"> • 8 Ports Industrial Full Gigabit PoE Managed Switch • Provide 8* 10/100/1000Base-T Ethernet ports (PoE) + 4* 1000BASE-X SFP Ports • Support 4K high-definition video transmission; • PoE Function: support IEEE802.3af/at standard, each port supports up to 60W PoE Output; • Support Web-based network management, support VLAN, QoS, RSTP, SNMP, Support IGMP Snooping etc. network function; • Support 4K VLAN, Support 802.1Q Protocol-Based VLAN, Support Port-Based VLAN; • Support Fast Ring as redundant link • Support relay alarm for power off, network broken, PoE off • 6KV surge immunity, 8KV ESD Protection and anti-interference ability; • -40°C~75°C working temperature • Support redundant Power Supply • Rail/Rack kit Fitting • CE、FCC、ROHS Certified | EA | 01 | | |
| 24 | SFP Fiber Module | EA | 01 | | |
| 25 | 24 Port Gigabit High-performance 10 Giga 1000M Ethernet Switches Layer 3 complete in all respects with below features: - | EA | 01 | | |

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|----|--|------|----|--|--|
| | <p>Specifications:</p> <ul style="list-style-type: none"> • High Performance Gigabit Control Room Switch, • High Scalability, High Availability, • 24 x 100/1000Base-X optical port • (8 x Combo port), 4 x 10G BASE-X SFP+ optical port, • 256 Gbit/s Switching Capacity, • VLAN, Link Aggregation, IP Routing, • Ring Supported, High End Security & Management Features • IRF2 • Complete Security Control Policies • Diversified QoS Policies • Environment Friendliness and Energy Saving | | | | |
| 26 | <p>Supply of CAT-6 Network Cable in Good Quality Duct / U-PVC, F Metal Pipe / Conduit including the RJ-45 Connectors including Civil related work.</p> <ul style="list-style-type: none"> • Support Poe long-distance transmission; • Excellent OFC with 99.99% OFC(oxygen free copper) purity; • Environmentally-friendly outer sheath; • Top-notch quality guarantee for 10 year | Feet | 01 | | |
| 27 | <p>VERTIV LIEBERT ONLINE OR EQUIVALENT (3Phase UPS) GXT-MT+ 6kVA, 0.8 PF Tower; Long Backup UPS with up to 2 Hrs Backup Time Battery Bank on 70% workload.</p> <p>1- Liebert GXT-MT Plus On-line 6000VA\4800W LCD 230V Tower Long-Backup Model</p> <p>2- External Battery Cabinet 32X40 AH(Black) Locally Designed & Assembled Cabinet</p> <p>3- 20 Pcs of Matrix Dry Maintenance Free Battery 65.0 Ah, 12V, B13/66/21.5</p> <p>4- UPS Battery Bank Installation Kit Including Interconnections, DC Breaker, Lugs.</p> | EA | 01 | | |
| 28 | Power Guard Line Conditioner for UPS. | EA | 01 | | |
| 29 | Control Room Breaker 100 Ampere. Double pole 20 Amp | EA | 01 | | |
| 30 | DBS Breaker 20 Ampere. | EA | 01 | | |

| | | | | | |
|----|--|------|----|--|--|
| | Double pole 20 Amp | | | | |
| 31 | Breaker 06 Ampere. Double pole 10 Amp | EA | 01 | | |
| 32 | Water-proof Junction Box For Camera Mount. <ul style="list-style-type: none"> Water-proof Junction Box Aesthetic design Material: aluminum / PVC junction box | EA | 01 | | |
| 33 | ODF for Cameras End. ODF 12 Port for camera sites | EA | 01 | | |
| 34 | ODF for Cameras End. ODF 24 Port for camera sites | EA | 01 | | |
| 35 | 12 coreoptical fiber cablein Feet including Civil work. | Feet | 01 | | |
| 36 | HD Pipe for Optical Fiber Cable in Feet including Civil work. | Feet | 01 | | |
| 37 | 2.5 mm 2 Core Power Cable in Feet including Civil work pure copper above than 99% | Feet | 01 | | |
| 38 | PDU | | 01 | | |
| 39 | HDMI Cable 10 Meter 4K Supportive. | | 01 | | |
| 40 | Central Management System Software with Video Analytics Support. Specifications: <ul style="list-style-type: none"> Support IPC, PTZ, NVR, EVS, HCVR, NKB, VDP, Access Control and etc. Support 4K cameras. Support H.265/H.264 streams. Support IPv6 devices. Support Windows 10. Support Smart Track. Support multiple tour tasks. One channel can be split into different windows. Multiple channels can be previewed in channel zero. Auto find/import/export supported. Easy to manage up to 256 devices or 2000 channels. Up to36channelssynchronousplayback. Time bar and events playback modes available. Support joystick to control PTZ cameras. Support fisheye camera Virtual PTZ operation by mouse. Alarm can be triggered via different events | EA | 01 | | |

| | | | | | |
|----|---|-------|----|--|--|
| | <p>including IVS.</p> <ul style="list-style-type: none"> • Support e-map, you can clearly view and manage all device locations. • PC-NVR enables local storage recording. • Video wall configuration and control. • Support VDP monitoring, talking, announcement and configuration. • Account management supported; and different users share different privileges. • Log for event and user activities. • Friendly GUI for an easy operation. • Support P2P devices. • Support fisheye image correction in both live viewing and playback. | | | | |
| 41 | <p>Main Control Room accessories Installation of LED and other related Accessories.</p> <ul style="list-style-type: none"> • Wood Paneling. • 2 Ton AC • 2 Chair and Counter Table • And installation accessories, | EA | 01 | | |
| 42 | <p><u>Digging.</u></p> <ul style="list-style-type: none"> • laying of OFC • HDPE, fiber pulling, • laying of warning tape, • backfilling, • Installation of route indicators. | Feet. | 01 | | |
| 43 | <p><u>Earthing of Control Room Equipment.</u></p> | EA | 01 | | |
| 44 | <p>Splicing of Complete System point to Point.</p> | EA | 01 | | |
| 45 | <p>Relevant Installation / Commissioning Configuration Services for quoted equipment / store,</p> | EA | 01 | | |
| 46 | <p>OLD CCTV DATA Center Shifting in CCTV Monitoring Room Charges</p> | EA | 01 | | |
| | | | | | |

IX. Special Conditions

- (1) The rates are on DDP basis quoted in PKR
- (2) Guaranties/warranties of equipment shall be quoted
- (3) Firm is responsible for installing, testing and commissioning
- (4) All Taxes and clearing charges are included in the rates
- (5) Firm shall quote rate for the mentioned parts with installation both in words and figures. The firms shall only quote prices for Parts with installations (As mentioned above serial-wise).
- (6) The firms shall quote prices for all the mentioned jobs/tasks. Partial Tender will not be accepted. Firms shall only submit tender if they can provide all the parts with installation/service.
- (7) Any other related information shall be mentioned

XI. EVALUATION CRITERIA

I. Technical Bid

| | | |
|----|---|---------------------|
| 1. | Status on Active Taxpayer List | Mandatory Documents |
| 2. | Income Tax Registration | |
| 3. | (PEC Registration) PEC current Valid registration Category minimum C4 for CCTV surveillance project. EE02, EE04, EE06, EE-11 | |
| 4. | Sale Tax Registration | |
| 5. | Last year income Tax Return | |
| 6. | Professional Tax Certificate/KPRA Registration | |
| 7. | Bank Statement | |
| 8. | 01year experience of similar nature in a reputed Government / Private institution. | |
| 9. | Affidavit on stamp paper duly attested that the firm is not black listed in anywhere in Pakistan, the CDR is attached with financial bid and acceptance all term and conditions as per bidding documents. | |

| S # | Parameters | Sub-parameters | Marks |
|----------|---|---|--------------------|
| 1 | Product Specification | | 20 |
| | Product that 100% comply with the advertised specifications | Fully compliance with the required specifications as per statement of Requirement (Up to a maximum of two Minor deviations may be accommodated subject to the condition that main function and Performance in any aspect would not affect. However, up to Ten (10) marks will be deducted | Maximum(20) |
| | | | |
| | | | Minimum 10 |
| 2 | Relevant Experience | | 30 |
| | Experience in (Quoted Items) | 01-4 Institutes / Organization 05-10 Institutes / Organization 10 and above Institutes / Organization (Purchase Order should be attached) | 10 20 30 |
| 3 | Testing and Calibration | | 5 |
| | | *. List of tools , testing equipment and calibration Equipment relevant to the product with proof. *. Spare Parts readily available in Stock with proof. | 2 3 |
| 4 | Qualified Technical Staff | | 10 |
| | | 05 Qualified Engineers with Certifications. 10 Qualified Diploma holder in Surveillance/Networking (List/CVs should be attached) | 6 4 |

| | | | |
|---|---|---|--------------|
| 5 | Satisfaction Certificate | | 10 |
| | | Satisfactory performance certificate on the Institution letter head. Max = 5 (each certificate carry 2 marks) | 10 |
| | | ----- For CCTV Camera | |
| | | The marks will be as CCTV Camera installed more than 150 with 5 Satisfaction certificates. = 10 Marks | 10 |
| | | CCTV Camera installed more than 100 with 5 Satisfaction certificates. = 5 Marks | 05 |
| | | CCTV Camera installed more than 80 with 5 Satisfaction certificates. = 2.5 Marks | 2.5 |
| | | <i>(Purchase order / Delivery challan should be attached)</i> | |
| 6 | Financial Capabilities | | 10 |
| | Turnover in Millions Audit Report Should be Attached | i. 3 million ii. 6 Million iii 10 million and above | 3 6 10 |
| 7 | Availability of workshop/office. | Office in Peshawar = 05 Office in other parts of the country= 05 | 10 |
| | PRINICIPAL Authorization | Firm Authorized Distributor certificate. | 05 |
| | | Total | 100 |

In Technical Evaluation, 70% shall be the passing marks.

NOTE: All the bidders are required to provide the documents annexure wise for their Evaluation Criteria. Please only provide the documents required and label them annexure wise. Additional documents may be annexed after the required documents. Documents not properly annexured will be discarded. Duplicate documents will also be rejected. It is the responsibility of the bidder to provide documents in proper order otherwise they will be rejected.

**Financial Evaluation = 30%
weightage**

| S # | Parameters | Sub-Parameters | Weightage 30% |
|-----|------------|--|------------------|
| | Price | | |
| 9 | | <p>Lowest Price will get full marks.</p> <p>The formula to calculate the marks for the price submitted is:</p> <p>$[\text{Lowest Price (Fm)} / \text{Price of Bid under consideration (F)}] \times 100 \times 0.30$</p> | |

Total Marks (Technical Criteria + Financial Criteria): 100

Financial bids of only technically responsive bidders will be opened publicly at the time to be announced by the Procuring Agency. The Financial Bids of technically disqualified bidders will be returned un-opened to the respective Bidders. After getting the financial score from the remaining 30 marks, the two scores will be combined to identify the best evaluated bid.

Merit Point Evaluation Methodology: Contract will be awarded to the best evaluated responsive bid which gets the maximum marks and becomes the highest ranking in the Combined Evaluation calculated through the Merit Point Average Methodology which puts greater emphasis on non-price factors like stringent global certifications on Conformance Specifications (i.e., meeting the required technical specifications), Performance Specifications (i.e., meeting the requirements the product is designed for) leading to customer satisfaction verification, certifications of the technical staff, provision of maintenance & services and post-warranty services etc.



II. FINANCIAL BID

To

The Director
Burn and Trauma Centre
Peshawar

PLEASE QUOTE RATES AS PER REQUIREMENTS STATED IN REQUIREMENTS & SPECIFICATION

SIGNATURE OF CONTRACTOR WITH STAMP

NOTE:

1. Firm shall quote rate for the mentioned Items with installation both in words and figures. The firms shall only quote prices for Parts with installations (As mentioned above serial-wise).
2. The firms shall quote prices for all the mentioned jobs/tasks. Partial Tender will not be accepted. Firms shall only submit tender if they can provide all the parts with installation/service.
3. Guaranties/warranties of the parts shall also be mentioned.
4. Any other related information shall be mentioned.