



## **EXPRESSION OF INTEREST**

**SUPPLY, DELIVERY, INSTALLATION, TESTING, TRAINING AND  
COMMISSIONING OF CCTV CAMERAS, INTRUDER ALARM AND  
ACCESS CONTROL SYSTEM AT THE AMREF INTERNATIONAL  
UNIVERSITY NORTHLANDS CAMPUS**

**AMREF HEALTH AFRICA**

**EOI NO. AMIU/21/05/2024/001**

**LOT FOUR (4)**

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## PART A: TECHNICAL REQUIREMENTS

### SECTION 1: Invitation to Tender

1. Amref Health Africa invites proposals from eligible candidates for various scopes of works to be implemented at The Amref International University (AMIU) Northlands Campus currently under construction in different lots as below;

LOT	DESCRIPTION	LOCATION
1	Design, Setup and installation of a modern contained server room	AMIU Northlands Campus in Ruiru
2	Supply and installation of Pedestrian Management, Hostile Vehicle Mitigation, Baggage Screening Solutions	
3	Supply, Installation, Testing and Training of a Public Address and Voice Evacuation System	
4	Supply, Delivery, Installation, Testing, Training and Commissioning of CCTVs, Intruder Alert & Access Control System	
5	Supply, Delivery and Installation of Electric Fencing	

2. This tender document is only for **Lot Number Four (4)**.
3. This is a two-stage tendering process:
  - Stage 1 - Submission of Preliminary and Technical Proposal.  
In this stage successful shortlisted proposals will be sent a Terms of Reference (TOR) to respond to with specific details of the final technical solution required by Amref International University.
  - Stage 2 - Submission of Financial Proposal based on the final technical solution requirements.  
After evaluation of the bids, there will be contract negotiation for the final award with the successful bidders.
4. Interested eligible candidates may obtain further information from the **Amref Health Africa** website [www.amref.org](http://www.amref.org) and the **Amref International University** website [www.amref.ac.ke](http://www.amref.ac.ke)
5. Complete sets of tender documents can be downloaded from the Amref Health Africa website; <http://amref.org/expression-of-interest-coi/> or the Amref International University website <https://amref.ac.ke/tenders/> by interested bidders upon payment of non-refundable fee of Ksh.3,000 PER LOT. The payment should be made through the following Bank account(s): **National Bank of Kenya, Wilson Branch, Account No: 01020058235400.**
6. Candidates will then attach the original banking/deposit slip to the tender documents as proof of purchase. Candidates interested in buying all lots Must pay for the lots separately and attach the original banking/deposit slips respectively.

7. Completed tender documents for preliminary and technical requirements are to be enclosed in a plain envelope (**each LOT in a separate envelope**) marked with the tender reference number, tender name and Lot number. Please note that only one complete tender document per lot is required (Do not provide additional copies per lot).
8. Interested eligible bidders are also invited for a virtual pre-bid conference to be held on **Thursday 23<sup>rd</sup> May 2024 starting 9 a.m. to 11 a.m.** To access the Link for registration for the pre-bid conference, log onto the Amref Health Africa website; <http://amref.org/expression-of-interest-coi/> or the Amref International University website <https://amref.ac.ke/tenders/>
9. Tenders must be delivered to the address below not later than **Tuesday 11<sup>th</sup> June 2024 at 12.00 noon.**
10. Tenders should be dropped at the **Amref International University - Tender Box** at the **Main Reception.** Tenders will be opened at 12 noon on the closing date in the presence of the Tenderers' representatives who choose to attend at the Amref International University Auditorium. Electronic bidding will not be permitted. **No bids will be accepted after 12 noon on the closing day.**
11. Prices quoted should be inclusive of VAT and all other applicable taxes and must be in USD and shall remain valid for 90 days from the closing date of the tender. The prices in your financial cost estimate should be broken down as follows: (Do not key in your financial cost estimate in this section)
  - i. Unit cost per component
  - ii. 16% VAT
  - iii. Other applicable taxes
  - iv. TOTAL Cost

## **SECTION 2: Instructions to Tenderers**

### **2.1 Eligible Tenderers**

2.1.1 This invitation for tender is open to all eligible tenderers.

2.1.2 Tenderers shall not be under a declaration of ineligibility for corrupt or fraudulent practices.

### **2.2 Cost of tendering**

2.2.1 The tenderer shall bear all costs associated with the preparation and submission of its bid. Amref Health Africa or its agents, will under no circumstance be responsible or liable for those costs regardless of the conduct or outcome of the tendering process.

2.2.2 **The bidders are expected to undertake site visit and assessment to establish the scope of work. They will need to fill a site visit certificate and ensure it is duly signed and stamped by the designated officers to be attached to their tender.**

2.2.3 Site Visits shall be facilitated at the following dates and time;

<b>Day</b>	<b>Date</b>	<b>Start Time</b>	<b>Contact Persons</b>	<b>Venue</b>
<b>1</b>	<b>Monday, 27th May 2024</b>	9am up to 12 Noon	Geoffrey Ng'ang'a/	Amref International University Grounds, Northlands in Ruiru
<b>2</b>	<b>Tuesday, 28th May 2024</b>	9am up to 12 Noon	George Mbobua	(Entrance Opposite Clay Works)

**NB:** For ease of the process, interested Bidders MUST keep time. Late arrivals will have to reschedule to attend the next available time slot for site visit.  
Interested bidders should send the full names and ID numbers of representatives expected to attend the site visit for prior approval to [amiu.coo@amref.ac.ke](mailto:amiu.coo@amref.ac.ke) before 6pm the day prior to the visit date.

### **2.3 Specific Instructions**

2.3.1 Bidders must quote for all items and quantities as indicated per Lot in order to qualify for evaluation.

2.3.2 Bids will be evaluated on a lot by lot basis

2.3.3 Submitted proposals including brochures and any other attachments shall be in English.

### **2.4 Amendment of documents**

2.4.1 At any time prior to the deadline for submission of proposals, Amref Health Africa for any reasons, whether at its initiative or in response to a clarification requested by a prospective tenderer, may modify the tender by amendments.

2.4.2 All prospective candidates that have received the tender will be notified of the amendment in writing or by post and will be binding on them.

2.4.3 In order to allow prospective tenderers reasonable time in which to take the amendment into account in preparing their bid, Amref Health Africa at its discretion may extend the deadline for the submission of Proposals.

## **2.5 Prices and Currencies**

2.5.2 The tenderer shall indicate on the appropriate Price Schedule, the unit prices inclusive of all taxes and the total tender price of the items proposed to be purchased under the contract.

2.5.2 Prices quoted by the tenderer shall be fixed during the tender validity period and not subjected to variation on any account. A tender submitted with an adjustable price quotation will be treated as non-responsive and will be rejected.

2.5.3 The price quoted shall be in USD.

## **2.6 Validity of Proposals**

2.6.1 Proposals shall remain valid for 90 days after date of tender opening prescribed by Amref Health Africa, pursuant to paragraph 2.10. Tender valid for a shorter period shall be rejected by Amref Health Africa as non-responsive.

2.6.2 In exceptional circumstances, Amref Health Africa may solicit the tenderers consent to an extension of the period of validity. The request and the responses thereto shall be made in writing. The tenderer may refuse the request. A tenderer granting the request will not be required nor permitted to modify its tender.

## **2.7 Sealing and Marking of tenders**

2.7.1 The tenderer shall seal the tender and mark it with the number and name of the tender and **“DO NOT OPEN BEFORE 12 noon on Tuesday 11<sup>th</sup> June 2024”**

## **2.8 Deadline for Submission of Proposals**

2.8.1 Proposals must be received by Amref Health Africa not later than **Tuesday 11<sup>th</sup> June 2024 at 12 Noon.**

## **2.9 Modification of Proposals**

- 2.9:1 The tenderer may modify or withdraw its tender after the tender's submission provided that written notice of the modification, including substitution or withdrawal of the Proposals, is received by Amref Health Africa prior to the deadline prescribed for submission of Proposals.
- 2.9:2 The tenderer modification or withdrawal notice shall be prepared, sealed, marked, and dispatched in accordance with the provisions of paragraph 2.10:1. A withdrawal notice may be sent by email but followed by a signed confirmation copy, postmarked no later than the deadline for submission of tender
- 2.9:3 No tenderer may be contacted after the deadline for submission of Proposals.

## **2.10 Withdrawals of tender**

- 2.10:1 No tender may be withdrawn in the interval between the deadline for submission of Proposals and the expiration of the period of tender validity specified by the tenderer.

## **2.11 Opening of Proposals**

- 2.11:1 Amref Health Africa will open all tenders in the presence of tenderers' representatives who choose to attend at 12 noon, on **Tuesday 11<sup>th</sup> June 2024** and in the location specified in the tender. The tenderers or representatives who are present shall sign a register evidencing their attendance.
- 2.11:2 The tenderers' names, tender modifications or withdrawals, and the presence or absence of requisite tender security and such other details as Amref Health Africa, at its discretion may consider appropriate, will be announced at the opening.
- 2.11:3 Amref Health Africa will prepare a tender opening report.

## **2.12 Clarification of Proposals**

- 2.12:1 To assist in the examination, evaluation and comparison of Proposals Amref Health Africa at its discretion, may ask the tenderer for a clarification of its tender. The request for clarification and the response shall be in writing, and no change in the prices or Substance of the tender shall be sought, offered, or permitted.
- 2.12:2 Any effort by the tenderer to influence Amref Health Africa in the tender evaluation, tender comparison or contract award decisions may result in the rejection of the tenderers' tender.

## **2.13 Evaluation and Comparison of the Proposals**

- 2.13:1 Amref Health Africa will examine the Proposals to determine whether they are complete, whether any computation errors have been made, whether required securities/tender purchase have been furnished, whether documents have been properly signed and whether the Proposals are generally in order. After examination a tender that will be determined to be substantially non-responsive, will be rejected by Amref Health Africa.
- 2.13:2 Amref Health Africa will evaluate and compare the Proposals, which have been determined to be substantially responsive.
- 2.13:3 Amref Health Africa will notify bidders who will be required to provide samples in good time with specific sample submission details following finalization of the preliminary evaluation.
- 2.13:4 Amref Health Africa will ensure that the submitted samples are catalogued accordingly and correspond to the assigned bid number(s). The tenderers should ensure that all their samples have been captured correctly.

## **2.14 Notification of Award**

- 2.14:1 Prior to the expiration of the period of tender validity, Amref Health Africa will notify the successful tenderer in writing that the tender has been accepted.
- 2.14:2 Simultaneously the other tenderers shall be notified that their Proposals have been unsuccessful.

## **2.15 Appeal Period**

- 2.15:1 Any vendor/service provider who wishes to appeal against the outcome of the tender shall do so in writing within 3 days of the date of the notification/regret letter. Any letter received after the third day shall not be responded to and shall be treated as null and void. Amref Health Africa shall have dispensed with this procurement.

## **2.16 Contacting Amref Health Africa**

- 2.16:1 No tenderer shall contact Amref Health Africa on any matter relating to its tender, from the time of the tender opening to the time the contract is awarded.
- 2.16:2 Any effort by a tenderer to influence Amref Health Africa in its decisions on tender evaluation, tender evaluation committee, or contract award will result in the rejection of the tenderer's tender.



## **2.17 Lead time and delivery details**

- 2:17:1 The supplier should be able to deliver all the requirements in the Lot(s) they have quoted for as specified in this tender document.
- 2:17:2 The supplier should include delivery schedule with lead times.
- 2:17:3 On arrival the supplies should be free from damage. The supplier shall be liable for all losses due to insufficient of unsuitable packing and delivery arrangements, and shall be liable for the cost of returning any unacceptable supplies.
- 2:17:4 The supplies must be free from objectionable matter and any substances that would represent a hazard to health.

**SECTION 3: Eligibility Requirements and Technical Specifications**  
**LOT 4 - Supply, Delivery, Installation, Testing, Training and Commissioning of CCTVs, Intruder Alarm & Access Control System**

**A: Preliminary Evaluation Criteria**

Bids will be evaluated based on the below criteria.

Bids **lacking any of the documents** below will be considered as non-responsive and therefore will be eliminated at this stage.

<b>PRELIMINARY EVALUATION OF MANDATORY REQUIREMENTS</b>				
<b>Mandatory Requirements</b>				
<b>No.</b>	<b>Particulars</b>	<b>Marks</b>	<b>Compliant</b>	<b>Non-compliant</b>
1.	Copy of Certificate of Incorporation/Certificate of Registration.	1 or 0		
2.	Copy of valid KRA Tax Compliance Certificate	1 or 0		
3.	Must attach original banking/deposit proof of purchase of tender documents	1 or 0		
4.	Must provide a copy of Valid business Trading License relevant to this tender	1 or 0		
5.	Must submit copies of 2 most recent audited financial reports (from 2021) and each must be signed by the auditor and the firms Directors. (Both reports must have unqualified/unmodified auditor's opinion).	1 or 0		
6.	Duly signed and stamped Site Visit Certificate	1 or 0		

**Note: All the above documents numbered 1 to 6 should be packaged and arranged in that order under the preliminary evaluation criteria section of the tender document.**

**B: Technical Evaluation Criteria**

**TECHNICAL SPECIFICATIONS**

*Supply, Delivery, Installation, Testing, Training and Commissioning of CCTV Cameras, Intruder Alarm and Control Access System*

<b>Technical Requirements</b>		<b>MAX SCORE</b>	<b>SCORE</b>
<b>Description</b>	Installation and Integration of a seamless setup of indoor and outdoor CCTV cameras and Intruder alarm system to protect the university premises and monitor any violations as well as Control Access System for restriction of access to protected zones.		
<b>Specifications</b>	The supplier shall be required to provide; <ol style="list-style-type: none"> <li>1. Indoor and Outdoor CCTV Cameras and Accessories</li> <li>2. Intruder Alarm System</li> <li>3. Access Control System</li> </ol>		
<b>Installation Requirements</b>	<b>(Supplier to provide)</b>	5marks	
<b>Operational Requirements</b>	<b>(Supplier to provide)</b>	5marks	
<i>Attach a product brochure/catalogue and user manual to highlight the below:</i>			
<b>COMPONENTS</b>			
<b>CCTV Camera Specifications</b>	<ol style="list-style-type: none"> <li>1. True Day Night IP H.265/H.264 Vandal resistant mini dome Camera, 4.0MP, HD-1520P, Triple Streams, 3.6mm fixed lens, IR LEDS (20m), 3D Noise Reduction, Wide Dynamic Range Extreme (120dB), Smart Video Content Analytics, SD card slot 128GB, IP66, IK10, DC 12V, POE.</li> <li>2. Artificial Intelligence IP camera AI 4MP, True WDR, 4MP/25fps, H.265/H.264, 1/2.8" 5MP CMOS, 40-50M IR distance/3x IR Array LEDs, Smart IR, 2.8-12mm Motorized lens, TF Card Slot, Reset, ROI, IP67, POE, Human/Car Detection Analysis function (Target count, Absent detection, Retrograde motion detection, Electronic Fence)</li> <li>3. Centralised Server with SATA×8, up to 8TB per HDD</li> <li>4. Keyboard, Network controlling Support PTZ mode and platform mode, up to 256 speed domes controllable in PTZ mode</li> <li>5. 24 Ports 10/100/1000 BaseT PoE + 4 Gigabit SFP ports Web Smart Switch</li> <li>6. MULTIMODE SFP Module</li> <li>7. Work Station to Host CCTV Client for Central control Monitoring</li> </ol>	15 or 0	
<b>Intruder Alarm System Specifications</b>	The Alarm system should include; <ol style="list-style-type: none"> <li>i. Alarm Control Panel               <ul style="list-style-type: none"> <li>○ Programmable armed/disarmed modes (stay, away, etc.)</li> <li>○ Keypad for arming/disarming with code</li> <li>○ Zones to separate sensors into areas</li> <li>○ Entry/exit delay timers</li> <li>○ Chime mode for door chimes</li> <li>○ Backup battery</li> </ul> </li> </ol>	10 or 0	

	<ul style="list-style-type: none"> <li>ii. Sensors <ul style="list-style-type: none"> <li>○ Glass break sensors to detect shattered glass</li> <li>○ Door/window sensors (wired or wireless) to detect opening</li> <li>○ Motion detectors (passive infrared or dual-tech) to detect movement</li> <li>○ Outdoor beams or barriers to secure perimeter</li> </ul> </li> <li>iii. Communications <ul style="list-style-type: none"> <li>○ Ability to communicate alarms to a monitoring station</li> <li>○ Cellular and/or internet communication backups</li> <li>○ Push notifications to smartphones</li> </ul> </li> <li>iv. Other Features <ul style="list-style-type: none"> <li>○ Small animal/Rodent immunity motion sensors</li> <li>○ Integration with smart application automation</li> <li>○ Integration with CCTV cameras</li> <li>○ Wireless remote controls</li> <li>○ Audible interior and exterior sirens/strobes</li> </ul> </li> </ul>		
<p><b>Access Control System Specifications</b></p>	<p>The Access control system should include;</p> <ul style="list-style-type: none"> <li>i. <b>Mode of Access</b> - Web Based Centralised management</li> <li>ii. <b>User Management:</b> <ul style="list-style-type: none"> <li>○ Ability to create, modify, and delete user accounts for students, faculty, staff, and visitors.</li> <li>○ Support for different user roles and access privileges based on affiliation (student, faculty, staff, visitor).</li> <li>○ Integration with the university's existing identity management systems (e.g., Active Directory, LDAP) for user authentication.</li> </ul> </li> <li>iii. <b>Access Levels and Zones:</b> <ul style="list-style-type: none"> <li>○ Define multiple access levels for different areas of the university (e.g., academic buildings, residential halls, administrative offices, labs, and restricted areas).</li> <li>○ Ability to create access zones and assign specific access levels to different user groups or individual users.</li> </ul> </li> <li>iv. <b>Credential Management:</b> <ul style="list-style-type: none"> <li>○ Support for various credential types, such as proximity cards, smart cards, biometrics (fingerprint, facial recognition), mobile credentials, or a combination of these.</li> <li>○ Ability to issue, revoke, and replace credentials for users.</li> <li>○ Secure storage and management of credential data.</li> </ul> </li> <li>v. <b>Access Control Hardware:</b> <ul style="list-style-type: none"> <li>○ Integration with various access control hardware components, including door controllers, card readers, biometric readers, and door locks.</li> <li>○ Support for wired and wireless communication protocols (e.g., Wiegand, OSDP, IP-based protocols).</li> <li>○ Ability to monitor and control access points remotely.</li> </ul> </li> <li>vi. <b>Monitoring and Reporting:</b> <ul style="list-style-type: none"> <li>○ Real-time monitoring of access events (entries, exits, access denials) across the university.</li> <li>○ Ability to generate reports on access activity, including user movements, access violations, and audit trails.</li> </ul> </li> </ul>	<p>15 or 0</p>	

	<ul style="list-style-type: none"> <li>○ Configurable alerts and notifications for unauthorized access attempts or other security events.</li> </ul> <p>vii. <b>Integration:</b></p> <ul style="list-style-type: none"> <li>○ Integration with other university systems, such as video surveillance systems, building automation systems, and emergency notification systems.</li> <li>○ Support for open APIs or standard protocols for integration with third-party systems.</li> </ul> <p>viii. <b>Scalability and Reliability:</b></p> <ul style="list-style-type: none"> <li>○ Ability to handle a large number of users and access points across multiple campuses or locations.</li> <li>○ Redundancy and failover mechanisms to ensure uninterrupted operation in case of system failures.</li> <li>○ High availability and disaster recovery capabilities.</li> </ul> <p>ix. <b>Security and Compliance:</b></p> <ul style="list-style-type: none"> <li>○ Adherence to relevant security standards and regulations (e.g., FERPA, HIPAA, PCI-DSS, Data Protection Act 2019).</li> <li>○ Encryption of data in transit and at rest.</li> <li>○ Multi-factor authentication options for higher-risk areas or privileged user accounts.</li> <li>○ Audit trails and logging capabilities for compliance and forensic purposes.</li> </ul> <p>x. <b>User Experience:</b></p> <ul style="list-style-type: none"> <li>○ Intuitive and user-friendly interfaces for administrators, operators, and end-users.</li> <li>○ Mobile applications or web portals for user self-service (e.g., credential management, access requests).</li> <li>○ Ability to customize access rules and policies based on specific university requirements.</li> </ul> <p>xi. <b>Maintenance and Support:</b></p> <ul style="list-style-type: none"> <li>○ Robust system management tools for configuration, troubleshooting, and maintenance.</li> <li>○ Availability of software updates, patches, and technical support from the vendor.</li> <li>○ Training and documentation for system administrators and end-users.</li> </ul>		
<b>Life span (Guarantee of obsolescence)</b>	Lifespan designed for a minimum of 10 years; guaranteed by a letter from the manufacturer (not only from the authorized distributor). This guarantee ensures that the equipment and spare parts will not be discontinued during the 10 years after procurement.	3 marks	
<b>Documentation Required</b>	The following documents (in English language) should be provided to support the above; <ol style="list-style-type: none"> <li>1. User manual, detailing: specific protocols for operation, list of equipment and procedures required for routine maintenance; (3mks)</li> <li>2. Contact details of manufacturer, and local service agent (3mks)</li> </ol>	6 marks	
<b>Work methodology</b>	Provide a detailed work plan (writeup on intended means to carry out the project (not limited to sequence)	2 marks	
<b>Gantt Chart</b>	Provide a Gantt chart detailing; <ul style="list-style-type: none"> <li>• All the activities (Deliverables) (2mks)</li> <li>• Desired timelines (2mks)</li> </ul>	6 marks	

	• Overall project time (2mks)		
<b>Warranty</b>	Provide Warranty period for the following components; i. CCTV Cameras ii. Server iii. TV iv. Sensors and Biometric Devices	4 marks	
<b>Maintenance</b>	Attach the proposed maintenance schedule	2 marks	
<b>Training</b>	Provide a training schedule	2 marks	
	Provide proof of supply and installation of CCTV and related equipment in the last 5 years (2019 to date) specifying the value ( <i>Purchase orders/Invoices/contracts</i> ) <ul style="list-style-type: none"> <li>• Supply above 30M (10mks)</li> <li>• Supply above 15M but less than 30M (5mks)</li> <li>• Supply below 15M (2mks)</li> <li>• No proof of supply attached/irrelevant (0mk)</li> </ul> <p style="text-align: right;">Max: 10mks</p>	10 marks	
<b>TOTAL SCORE</b>		<b>85 marks</b>	

**Note: Bidders who will not score at least 60 out of 85 marks will be considered non-responsive and will not proceed to the second stage.**

**SECTION 4: Confidential Business Questionnaire**

You are requested to give the particulars indicated in part 1 and either part 2(a), 2(b) or 2(c) whichever applies to your type of business.

**PART 1 - General**

Business Name: .....

Location of Business premises:

Country/Town.....

Postal Address: .....

Code: ..... Town: .....

Tel No.: .....

E-mail: ..... Fax: .....

Nature of Business: .....

**Part 2 (a) - Individuals**

Your Name in full: .....

Nationality: ..... Country of Origin: .....

Citizenship details: .....

**PART 2 (b) - Partnership**

	Name	Nationality	Citizenship Details	Shares
1.	.....	.....	.....	.....
2.	.....	.....	.....	.....
3.	.....	.....	.....	.....

**PART 2 (c)- Registered Company**

Private or Public: .....

State the nominal and issue capital of the company.....

Nominal

USD/Kshs: .....

Issued

USD/Kshs: .....

Give details of all directors as follows:

Name

Nationality

Citizenship Details

Shares

- 1. ....
- 2. ....
- 3. ....





**SECTION 5: Certificate of Site Assessment**

This is to certify that:

[Name/s] .....

.....

Being the authorized representative/Agent of [Name of Tenderer]

.....

.....

participated in the site assessment for the Supply, Delivery, Installation, Testing, Training and Commissioning of CCTVs, Intruder Alarm and Access Control System.

TENDER NO. AMIU/20/05/2024/001- LOT 4

..... day of.....20.....

Signed: (Name).....(Sign):.....

(Security Officer)

Signed: (Name).....(Sign):.....

(ICT Officer)

NOTE: This form is to be completed during the site assessment.

**SECTION 6: References**

<b>BANK REFERENCES</b>	
<b>BANK HOLDING MAIN ACCOUNT</b>	
Bank name and address	
Name of account	
Account number	How long open?

<b>COMMERCIAL REFERENCES</b>	
Provide names and contract details of two customers who may be approached to verify your capacity to perform against similar contracts.	
<b>INTERNATIONAL TRADE REFERENCE – CUSTOMER 1</b>	
Name and address	
Activity	Period of relationship
Contact name	Fax no.
Telephone No.	
<b>INTERNATIONAL TRADE REFERENCE – CUSTOMER 2</b>	
Name and address	
Activity	Period of relationship
Contact name	Fax no.
Telephone No.	

## SECTION 7: Schedule of requirements

CCTV SURVEILLANCE SYSTEM							
	Medical Science	Student Centre	Student Residence	Library	Ancillary Buildings	Master Plan	TOTAL QUANTITIES CCTV
True Day Night IP H.265/H.264 Vandal resistant mini dome Camera, 4.0MP, HD-1520P, Triple Streams, 3.6mm fixed lens, IR LEDs (20m), 3D Noise Reduction, Wide Dynamic Range Extreme (120dB), Smart Video Content Analytics, SD card slot 128GB, IP66, IK10, DC 12V, POE.	136	76	79	177	25	0	493
Artificial Intelligence IP camera AI 4MP, True WDR, 4MP/25fps, H.265/H.264, 1/2.8" 5MP CMOS, 40-50M IR distance/3x IR Array Leds, Smart IR, 2.8-12mm Motorized lens, TF Card Slot, Reset, ROI, IP67, POE, Human/Car Detection Analysis function(Target count, Absent detection, Retrograde motion detection, Electronic Fence)	13	22	33	1	19	65	153
Centralised Server with SATAx8, up to 8TB per HDD	0	0	0	0	0	1	1
<b>Keyboard</b> , Network controlling Support PTZ mode and platform mode, up to 256 speed domes controllable in PTZ mode	0	0	0	1	2	0	3
75" Digital <b>TV Screen</b> with 1920 x 1080 Resolution, with 2 HDMI Ports	0	0	0	0	0	1	1
Wall Mount <b>Bracket</b> for the TV	0	0	0	0	0	1	1
<b>24 Ports</b> 10/100/1000 BaseT PoE + 4 Gigabit SFP ports Web Smart Switch	10	4	4	17	2	12	49
MULTIMODE SFP Module	5	3	4	5	2	1	20
Category 6 4 pair <b>UTP Cable</b> 305m	LOT	LOT	LOT	LOT	LOT	LOT	1
8 core multi/single mode outdoor <b>fibre cable</b> per metre	LOT	LOT	LOT	LOT	LOT	LOT	1
10 Meter <b>HDMI Cable 2.0 4K</b>	LOT	LOT	LOT	LOT	LOT	LOT	1
<b>Work Station</b> to Host CCTV Client for Central control Monitoring	0	0	0	0	0	1	1
<b>9U Data Cabinet</b> 600 x 600 Wall Mount	0	0	0	1	0	0	1
HDMI Extender	0	0	0	0	0	1	1

ACCESS CONTROL SYSTEM							
	Medical Science	Student Centre	Student Residence	Library	Ancillary Buildings	Master Plan	TOTAL QUANTITIES FOR ACCESS
2 <b>Door Controller</b> With Enclosure & 13.8VDC 2A power supply & 12V 7Ah Battery	88	28	28	97	25	0	266
Request of Exit Buttons	88	28	28	97	26	0	267
BioMetric Readers	88	28	28	97	26	0	267
Single Leaf Electro <b>Magnetic Lock</b> - 600lb	88	28	28	97	26	0	267
Emergency <b>Break Glass</b> Unit	88	28	28	97	26	0	267
<b>Power Supply</b> Unit 3.2 Amp	88	28	28	97	26	0	267
Door Closures	88	28	28	97	26	0	267
LZ <b>Bracket</b> for EML	88	28	28	97	26	0	267
Access Control <b>Software</b>	0	0	0	0	0	1	1
APC Back- <b>UPS 650VA</b> , 230V, AVR, Universal Sockets	1	0	0	0	0	0	1
Access Cards	LOT	LOT	LOT	LOT	LOT	LOT	5000

**PART B: ESTIMATED COST OF PROPOSAL**

**SECTION 1 Estimated Cost  
(Include costs per the schedule of requirements)**

NAME OF TENDERER	SPECIFICATIONS	QTY	UNIT PRICE	VAT	OTHER TAXES	TOTAL	REMARKS
	<b>TOTAL</b>						

**SECTION 2 Delivery lead time**

DESCRIPTION	QTY	UOM	DELIVERY LEAD TIME	REMARKS
	<b>TOTAL</b>			

**Note. In case of discrepancy between the unit price and total, the unit price shall prevail.**

Currency	GRAND TOTAL	In Figures
		In Words
Bidder's Name and Address	Date	Signature and Stamp

**Note: Indicate breakdown of all taxes.**

**DECLARATION**

I/We have completed this form (s) accurately at the time of reply and it is agreed that all responses can be substantiated, if requested to do so, and that any inaccuracy in the information filled herein will lead to disqualification of the tenderer.

For and behalf of: .....

Name: .....

Date: ..... Signature .....