

COUNTY GOVERNMENT OF KISUMU



TENDER FOR SUPPLY, DELIVERY, TESTING AND COMMISSIONING OF STRUCTURED LAN (DATA AND VOICE) & CCTV SURVILLANCE AT THE COUNTY HEADQUATERS.

NEG NO. 846566-2

TENDER NO: CGK/ED/HCD/ICT/2020-2021/005

CLOSING DATE: 6th April 2021

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SECTION I: INVITATION TO TENDER

The County Government of Kisumu invites sealed tenders from eligible tenderers for **Supply, Delivery, Testing and Commissioning of Structured LAN (Data and Voice) & CCTV Surveillance at the County Headquarters.**

Tender No. CGK/ ED/HCD/ICT/2020-2021/005

1. A complete set of tender documents containing detailed information may be downloaded from the County Government of Kisumu website www.kisumu.go.ke or from the County's IFMIS Tender Portal www.supplier.treasury.go.ke for free.
2. Prices quoted should be inclusive of all taxes and delivery costs and must be expressed in Kenya shillings and shall remain valid for a period of **120 days** from the closing date of the tender.
3. Tenders **MUST** be accompanied by a **Tender Security of 2% of the tender sum**, valid for **120 days**. Failure to attach the Tender Security will lead to automatic rejection of the tender.
4. Note that submissions should be **online** through IFMIS Portal. Completed Tender Documents marked with the tender number and title should be submitted before **6th April 2021 at 12.00 NOON**. Late bids will **NOT** be accepted.
5. Completed tender documents are to be submitted through IFMIS portal (separated as technical proposal and financial proposal), marked with the tender number addressed to:

**The County Secretary,
County Government of Kisumu
P.O BOX 2738-40100, Kisumu,
Prosperity House, 2nd Floor,**

6. Tenders will be opened immediately thereafter, i.e. on 6th April 2021 at 12.00 NOON. in the presence of the tenderers representatives who may choose to attend the opening at the **County Government of Kisumu Head Office.**

7. MANDATORY PRE-SITE VISIT to confirm and verify existing sites details before completion and submission of tender. Attach a signed and stamped Site Visit/inspection certificate. This visit will be held **on 29th March 2021 at 10.00 AM**. Bidders are required to sign site visits register at ICT Director's Office, 8th Floor, Wing B, Prosperity Building

**HEAD OF SUPPLY CHAIN
COUNTY GOVERNMENT OF KISUMU**

GUIDELINES IN PREPARATION OF BID DOCUMENT

In preparing the bid document in response to the tender, bidders are advised to note the following:

1. **Section I - Invitation to Tender.** This section gives guidelines on how and where to seek further clarification pertaining to the tender document; the form and amount of Tender Security required; where and when the tenders should be submitted; and place where tenders will be opened.
2. **Section II - Instruction to Tenderers.** This section guides tenderers basically on how to prepare their bid and how the tendering process will be carried out up to the award stage including notification of award to the successful bidder. "Appendix to Instruction to Tenderers" customizes clauses under Section II. Wherever there is a conflict between the provisions of the Instructions to Tenderers under Section II and the provisions of the appendix, the provisions of the appendix prevail.
3. **Evaluation Criteria:** This gives information on how the tender will be evaluated. Tenderers should be able to evaluate their bids before submission to determine in advance whether they meet the requirement of the bid or not. Through the evaluation criteria bidders will be able to note all the required documents that should be attached to the bid document.

Checklist of Documents Forming the Bid Document:

No	Documents forming part of the bid	Remarks
1	The main sections of the tender document that includes Section I - Invitation to Tender; Section II - Instruction to Tenderers, including Appendix to Instruction to Tenderers; and section III - General Conditions of the Contract, including Special Conditions of Contract	These Sections remain as they are in the tender document.
2	Certified Copy of Certificate of Incorporation or Business Registration Certificate	
3	Certified Copy of the company's current Certificate of Tax Compliance issued by Kenya Revenue Authority (KRA) OR by the relevant body of the domiciled country or the relevant tax payment compliance documentation issued by the country of operation valid at least up to the tender closing date.	
4	Provide documentary evidence that the company is authorized by the manufacturer of the items quoted	
5	Financial proposal containing priced schedules	Prices quoted to be inclusive of taxes
6	Duly filled and signed Form of Tender in the format provided in the tender document	
7	Dully filled and signed Confidential Business Questionnaire in the form or format provided in the tender document	

8	Copy of Company profile. This should include testimonials of technical personnel, list of similar contracts done previously with supporting documents e.g. LPOs and Contracts.	
9	Duly filled and signed declaration form in the form provided	
10	Bid document MUST be serialized/paginated on all pages	
11	Bidders should use the county's tender document or ensure to align their documentation to it.	

SECTION II: INSTRUCTIONS TO TENDERERS

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SECTION II: INSTRUCTIONS TO TENDERERS

Eligible Tenderers

This Invitation for Tenders is open to all tenderers eligible as described in the Invitation to Tender. Successful tenderers shall complete the supply of goods by the intended completion date specified in the Schedule of Requirements Section V.

The procuring entity's employees, committee members, board members and their relative (spouse and children) are not eligible to participate in the tender.

Tenderers shall provide the qualification information statement that the tenderer (including all members of a joint venture and subcontractors) is not associated, or have been associated in the past, directly or indirectly, with a firm or any of its affiliates which have been engaged by the Procuring entity to provide consulting services for the preparation of the design, specifications, and other documents to be used for the procurement of the goods under this Invitation for tenders.

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

Eligible Goods

All goods to be supplied under the contract shall have their origin in eligible source countries.

For purposes of this clause, "origin" means the place where the goods are mined, grown, or produced. Goods are produced when, through manufacturing, processing, or substantial and major assembly of components, a commercially-recognized product results that is substantially different in basic characteristics or in purpose or utility from its components

The origin of goods is distinct from the nationality of the tenderer.

Cost of Tendering

The Tenderer shall bear all costs associated with the preparation and submission of its tender, and the procuring entity, will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the tendering process.

All firms found capable of performing the contract satisfactorily in accordance with the set prequalification criteria shall be prequalified.

The Tender Documents

The tender document comprises the documents listed below and addenda issued in accordance with clause 2.6 of these instructions to Tenderers

- (i) Invitation to Tender
- (ii) Instructions to tenderers
- (iii) General Conditions of Contract
- (iv) Special Conditions of Contract
- (v) Schedule of requirements
- (vi) Tender Form and Price Schedules
- (vii) Tender Security Form
- (viii) Contract Form
- (ix) Performance Security Form
- (x) Confidential Business Questionnaire
- (xi) Debarment Form
- (xii) Site Visit Form

The Tenderer is expected to examine all instructions, forms, terms, and specifications in the tender documents. Failure to furnish all information required by the tender documents or to submit a tender not substantially responsive to the tender documents in every respect will be at the tenderers risk and may result in the rejection of its tender.

Clarification of Documents

A prospective tenderer requiring any clarification of the tender document may notify the Procuring entity in writing or by post at the entity's address indicated in the Invitation to Tender. The Procuring entity will respond in writing to any request for clarification of the tender documents, which it receives not later than seven (7) days prior to the deadline for the submission of tenders, prescribed by the procuring entity. Written copies of the Procuring entities response (including an explanation of the query but without identifying the source of inquiry) will be sent to all prospective tenderers that have received the tender document.

The procuring entity shall reply to any clarifications sought by the tenderer within 3 days of receiving the request to enable the tenderer to make timely submission of its tender.

Amendment of Documents

At any time prior to the deadline for submission of tenders, the Procuring entity, for any reason, whether at its own initiative or in response to a clarification requested by a prospective tenderer, may modify the tender documents by amendment.

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

In order to allow prospective tenderers reasonable time in which to take the amendment into account in preparing their tenders, the Procuring entity, at its discretion, may extend the deadline for the submission of tenders.

Language of Tender

The tender prepared by the tenderer, as well as all correspondence and documents relating to the tender exchange by the tenderer and the Procuring entity, shall be written in English language, provided that any printed literature furnished by the tenderer may be written in another language provided they are accompanied by an accurate English translation of the relevant passages in which case, for purposes of interpretation of the tender, the English translation shall govern.

Documents Comprising of Tender

The tender prepared by the tenderers shall comprise the following components

- (a) a Tender Form and a Price Schedule completed in accordance with paragraph 2.9, 2.10 and 2.11 below
- (b) documentary evidence established in accordance with paragraph 2.1 that the tenderer is eligible to tender and is qualified to perform the contract if its tender is accepted;
- (c) documentary evidence established in accordance with paragraph 2.2 that the goods and ancillary services to be supplied by the tenderer are eligible goods and services and conform to the tender documents; and
- (d) tender security furnished in accordance with paragraph 2.14

Tender Forms

The tenderer shall complete the Tender Form and the appropriate Price Schedule furnished in the tender documents, indicating the goods to be supplied, a brief description of the goods, their country of origin, quantity, and prices.

Tender Prices

The tenderer shall indicate on the appropriate Price Schedule the unit prices and total tender price of the goods it proposes to supply under the contract

Prices indicated on the Price Schedule shall include all costs including taxes, insurances and delivery to the premises of the entity.

Prices quoted by the tenderer shall be fixed during the Tender's performance of the contract and not subject to variation on any account. A tender submitted with an adjustable price quotation will be treated as non-responsive and will be rejected, pursuant to paragraph 2.22

The validity period of the tender shall be 60 days from the date of opening of the tender.

Tender Currencies

Prices shall be quoted in Kenya Shillings unless otherwise specified in the Appendix to Instructions to Tenderers.

Tenderers Eligibility and Qualifications

Pursuant to paragraph 2.1 the tenderer shall furnish, as part of its tender documents establishing the tenderers eligibility to tender and its qualifications to perform the contract if its tender is accepted.

The documentary evidence of the tenderers eligibility to tender shall establish to the Procuring entity's satisfaction that the tenderer, at the time of submission of its tender, is from an eligible source country as defined under paragraph 2.1

The documentary evidence of the tenderers qualifications to perform the contract if its tender is accepted shall be established to the Procuring entity's satisfaction;

(a) that, in the case of a tenderer offering to supply goods under the

contract which the tenderer did not manufacture or otherwise produce, the tenderer has been duly authorized by the goods' Manufacturer or producer to supply the goods.

- (b) that the tenderer has the financial, technical, and production capability necessary to perform the contract;
- (c) that, in the case of a tenderer not doing business within Kenya, the tenderer is or will be (if awarded the contract) represented by an Agent in Kenya equipped, and able to carry out the Tenderer's maintenance, repair, and spare parts-stocking obligations prescribed in the Conditions of Contract and/or Technical Specifications.

Goods Eligibility and Conformity to Tender Documents

Pursuant to paragraph 2.2 of this section, the tenderer shall furnish, as part of its tender documents establishing the eligibility and conformity to the tender documents of all goods which the tenderer proposes to supply under the contract

The documentary evidence of the eligibility of the goods shall consist of a statement in the Price Schedule of the country of origin of the goods and services offered which shall be confirmed by a certificate of origin issued at the time of shipment.

The documentary evidence of conformity of the goods to the tender documents may be in the form of literature, drawings, and data, and shall consist of:

- (a) a detailed description of the essential technical and performance characteristic of the goods;
- (b) a list giving full particulars, including available source and current prices of spare parts, special tools, etc., necessary for the proper and continuing functioning of the goods for a period of two (2) years, following commencement of the use of the goods by the Procuring entity; and
- (c) a clause-by-clause commentary on the Procuring Entity's Technical Specifications demonstrating substantial responsiveness of the goods and service to those specifications, or a statement of deviations and exceptions to the provisions of the Technical Specifications.

For purposes of the documentary evidence to be furnished pursuant to paragraph 2.13.3(c) above, the tenderer shall note that standards for workmanship, material, and equipment, as well as references to brand names or catalogue numbers designated by the Procurement entity in its

Technical Specifications, are intended to be descriptive only and not restrictive. The tenderer may substitute alternative standards, brand names, and/or catalogue numbers in its tender, provided that it demonstrates to the Procurement entity's satisfaction that the substitutions and ensure substantial equivalence to those designated in the Technical Specifications.

Tender Security

The tenderer shall furnish, as part of its tender, a tender security for the amount specified in the Appendix to Invitation to Tenderers.

The tender security shall be in the amount of 2% of the total tender price.

The tender security is required to protect the Procuring entity against the risk of Tenderer's conduct which would warrant the security's forfeiture, pursuant to paragraph 2.14.7

The tender security shall be denominated in Kenya Shillings or in another freely convertible currency, and shall be in the form of a bank guarantee or a bank draft issued by a reputable bank located in Kenya or abroad, or a guarantee issued by a reputable insurance company in the form provided in the tender documents or another form acceptable to the Procuring entity and valid for thirty (30) days beyond the validity of the tender.

Any tender not secured in accordance with paragraph 2.14.1 and 2.14.3 will be rejected by the Procuring entity as non-responsive, pursuant to paragraph 2.22

Unsuccessful Tenderer's tender security will be discharged or returned as promptly as possible as but not later than thirty (30) days after the expiration of the period of tender validity prescribed by the Procuring entity.

The successful Tenderer's tender security will be discharged upon the tenderer signing the contract, pursuant to paragraph 2.27 and furnishing the performance security, pursuant to paragraph 2.28

The tender security may be forfeited:

- (a) if a tenderer withdraws its tender during the period of tender validity specified by the procuring entity on the Tender Form; or
- (b) in the case of a successful tenderer, if the tenderer fails:
 - (i) to sign the contract in accordance with paragraph 2.27 or
 - (ii) to furnish performance security in accordance with paragraph 2.28

Validity of Tenders

Tenders shall remain valid for 90 days or as specified in the Invitation to Tender after the date of tender opening prescribed by the Procuring entity, pursuant to paragraph 2.18. A tender valid for a shorter period shall be rejected by the Procuring entity as non-responsive.

In exceptional circumstances, the Procuring entity may solicit the Tenderer's consent to an extension of the period of validity. The request and the responses thereto shall be made in writing. The tender security provided under paragraph 2.14 shall also be suitably extended. A tenderer may refuse the request without forfeiting its tender security. A tenderer granting the request will not be required nor permitted to modify its tender.

Format and Signing of Tender

The tender shall be typed and shall be signed by the tenderer or a person or persons duly authorized to bind the tenderer to the contract. The latter authorization shall be indicated by written power-of-attorney accompanying the tender. All pages of the tender, except for unamended printed literature, shall be initialed by the person or persons signing the tender.

The tender shall have no interlineations, erasures, or overwriting except as necessary to correct errors made by the tenderer, in which case such corrections shall be initialed by the person or persons signing the tender.

Sealing and Marking of Tenders

All tenderers **MUST** be submitted online through the IFMIS supplier's portal.

The tender shall:

- (a) be addressed to the Procuring entity at the address given in the Invitation to Tender:
- (b) bear, tender number and name in the Invitation for Tenders and the words, "DO NOT OPEN BEFORE," **6th April 2021 at 12.00 NOON.**

If the tender is not marked as required by paragraph 2.17.2, the Procuring entity will assume no responsibility for the tender's misplacement or premature opening.

Deadline for Submission of TenderTenders must be received by the Procuring entity in the IFMIS portal under paragraph 2.17.2 no later than 6th April 2021 at 12.00 NOON.

The Procuring entity may, at its discretion, extend this deadline for the submission of tenders by amending the tender documents in accordance with paragraph 2.6, in which case all rights and obligations of the Procuring entity and candidates previously subject to the deadline will therefore be subject to the deadline as extended

Modification and Withdrawal of Tenders

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 tenders, is received by the Procuring Entity prior to the deadline prescribed for submission of tenders.

The Tenderer's modification or withdrawal notice shall be prepared, sealed, marked, and dispatched in accordance with the provisions of paragraph 2.17. A withdrawal notice may also be sent by cable, telex but followed by a signed confirmation copy, postmarked no later than the deadline for submission of tenders.

No tender may be modified after the deadline for submission of tenders.

No tender may be withdrawn in the interval between the deadline for submission of tenders and the expiration of the period of tender validity specified by the tenderer on the Tender Form. Withdrawal of a tender during this interval may result in the Tenderer's forfeiture of its tender security, pursuant to paragraph 2.14.7

The procuring entity may at any time terminate procurement proceedings before contract award and shall not be liable to any person for the termination.

The procuring entity shall give prompt notice of the termination to the tenderers and on request give its reasons for termination within 14 days of receiving the request from any tenderer.

Opening of Tenders

The Procuring entity will open all tenders in the presence of tenderers' representatives who choose to attend, on **6th April 2021 at 12.00 NOON**, and in the location specified in the Invitation to Tender.

The tenderers' representatives who are present shall sign a register evidencing their attendance.

The tenderers' names, tender modifications or withdrawals, tender prices, discounts and the presence or absence of requisite tender security and such other details as the Procuring entity, at its discretion, may consider appropriate, will be announced at the opening.

The Procuring entity will prepare minutes of the tender opening.

Clarification of Tenders

To assist in the examination, evaluation and comparison of tenders the Procuring entity may, at its discretion, 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.

Any effort by the tenderer to influence the Procuring entity in the Procuring entity's tender evaluation, tender comparison or contract award decisions may result in the rejection of the tenderers' tender.

Preliminary Examination

The Procuring entity will examine the tenders to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed, and whether the tenders are generally in order.

Arithmetical errors will be rectified on the following basis. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantify, the unit price shall prevail, and the total price shall be corrected. If the candidate does not accept the correction of the errors, its tender will be rejected, and its tender security forfeited. If

there is a discrepancy between words and figures the amount in words will prevail

The Procuring entity may waive any minor informality or non-conformity or irregularity in a tender which does not constitute a material deviation, provided such waiver does not prejudice or effect the relative ranking of any tenderer.

Prior to the detailed evaluation, pursuant to paragraph 2.23 the Procuring entity will determine the substantial responsiveness of each tender to the tender documents. For purposes of these paragraphs, a substantially responsive tender is one, which conforms to all the terms and conditions of the tender documents without material deviations. The Procuring entity's determination of a tender's responsiveness is to be based on the contents of the tender itself without recourse to extrinsic evidence.

If a tender is not substantially responsive, it will be rejected by the Procuring entity and may not subsequently be made responsive by the tenderer by correction of the non-conformity.

Conversion to Single Currency

Where other currencies are used, the procuring entity will convert these currencies to Kenya Shillings using the selling exchange rate on the date of tender closing provided by the Central Bank of Kenya.

Evaluation and Comparison of Tenders

The Procuring entity will evaluate and compare the tenders which have been determined to be substantially responsive, pursuant to paragraph 2.22

The tender evaluation committee shall evaluate the tender within 30 days of the validity period from the date of opening the tender.

A tenderer who gives false information in the tender document about its qualification or who refuses to enter into a contract after notification of contract award shall be considered for debarment from participating in future public procurement.

Contacting the Procuring entity

Subject to paragraph 2.21 no tenderer shall contact the Procuring entity on any matter related to its tender, from the time of the tender opening to the time the contract is awarded.

Any effort by a tenderer to influence the Procuring entity in its decisions on tender, evaluation, tender comparison, or contract award may result in the rejection of the Tenderer's tender.

Award of Contract

(a) Post-qualification

In the absence of pre-qualification, the Procuring entity will determine to its satisfaction whether the tenderer that is selected as having submitted the lowest evaluated responsive tender is qualified to perform the contract satisfactorily.

The determination will take into account the tenderer financial, technical, and production capabilities. It will be based upon an examination of the documentary evidence of the tenderers qualifications submitted by the tenderer, pursuant to paragraph 2.12.3 as well as such other information as the Procuring entity deems necessary and appropriate.

An affirmative determination will be a prerequisite for award of the contract to the tenderer. A negative determination will result in rejection of the Tenderer's tender, in which event the Procuring entity will proceed to the next lowest evaluated tender to make a similar determination of that Tenderer's capabilities to perform satisfactorily.

(b) Award Criteria

The Procuring entity will award the contract to the successful tenderer(s) whose tender has been determined to be substantially responsive and has been determined to be the lowest evaluated tender, provided further that the tenderer is determined to be qualified to perform the contract satisfactorily.

(c) Procuring entity's Right to Vary quantities

The Procuring entity reserves the right at the time of contract award to increase or decrease the quantity of goods originally specified in the Schedule of requirements without any change in unit price or other terms and conditions

(d) Procuring Entity's Right to Accept or Reject any or all Tenders

The Procuring entity reserves the right to accept or reject any tender, and to annul the tendering process and reject all tenders at any time prior to contract award, without thereby incurring any liability to the affected tenderer or tenderers or any obligation to inform the affected tenderer or

tenderers of the grounds for the Procuring entity's action

Notification of Award

Prior to the expiration of the period of tender validity, the Procuring entity will notify the successful tenderer in writing that its tender has been accepted.

The notification of award will constitute the formation of the Contract but will have to wait until the contract is finally signed by both parties

Upon the successful Tenderer's furnishing of the performance security pursuant to paragraph 2.28, the Procuring entity will promptly notify each unsuccessful Tenderer and will discharge its tender security, pursuant to paragraph 2.14

Signing of Contract

At the same time as the Procuring entity notifies the successful tenderer that its tender has been accepted, the Procuring entity will send the tenderer the Contract Form provided in the tender documents, incorporating all agreements between the parties.

The parties to the contract shall have it signed within 30 days from the date of notification of contract award unless there is an administrative review request.

Within thirty (30) days of receipt of the Contract Form, the successful tenderer shall sign and date the contract and return it to the Procuring entity.

Performance Security

Within Thirty (30) days of the receipt of notification of award from the Procuring entity, the successful tenderer shall furnish the performance security in accordance with the Conditions of Contract, in the Performance Security Form provided in the tender documents, or in another form acceptable to the Procuring entity.

Failure of the successful tenderer to comply with the requirements of paragraph 2.27 or paragraph 2.28 shall constitute sufficient grounds for the annulment of the award and forfeiture of the tender security, in which event the Procuring entity may make the award to the next lowest evaluated Candidate or call for new tenders.

Corrupt or Fraudulent Practices

The Procuring entity requires that tenderers observe the highest standard of ethics during the procurement process and execution of contracts when used in the present regulations, the following terms are defined as follows;

- (i) “corrupt practice” means the offering, giving, receiving, or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution; and
- (ii) “fraudulent practice” means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Procuring entity, and includes collusive practice among tenderer (prior to or after tender submission) designed to establish tender prices at artificial non-competitive levels and to deprive the Procuring entity of the benefits of free and open competition;

The procuring entity will reject a proposal for award if it determines that the tenderer recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question.

Further a tenderer who is found to have indulged in corrupt or fraudulent practices risks being debarred from participating in public procurement in Kenya.

Appendix to Instructions to Tenderers

The following information regarding the particulars of the tender shall complement supplement or amend the provisions of the instructions to tenderers. Wherever there is a conflict between the provision of the instructions to tenderers and the provisions of the appendix, the provisions of the appendix herein shall prevail over those of the instructions to tenderers

INSTRUCTIONS TO TENDERERS REFERENCE	PARTICULARS OF APPENDIX TO INSTRUCTIONS TO TENDERS
2.1.1	The eligible tenderers are IT firms supplying, delivering, testing and Commissioning of “ TENDER FOR SUPPLY, DELIVERY, TESTING AND COMMISSIONING OF STRUCTURED LAN (DATA AND VOICE) & CCTV SURVILLANCE AT THE COUNTY HEADQUATERS ”
2.3.2	The Tender Document containing detailed information is to be obtained down loaded from the County Government of Kisumu website: www.kisumu.go.ke or the IFMIS Tender Portal www.supplier.treasury.go.ke for free.
2.11.1	All Prices to be quoted in Kenya Shillings.
2.14.1	Tender Security/Bid Bond of valued at 2% of the tender sum and issued by a Commercial Bank, Insurance Company or Microfinance Institution. The bid bond should be valid for 120 days from the date of tender opening.
2.15.1	Tenders shall remain valid for 90 days after the date of tender opening.
2.16.1	Bidders MUST ensure ONLINE SUBMISSION on the Supplier’s IFMIS Portal
2.18.1	Tenders to be received not later than 6th April 2021 at 12.00 NOON.
2.20.1	The place of opening is as indicated at the County Government of Kisumu, Headquarters, Prosperity Building.
2.10.3	The tender sum as submitted and read out during the tender opening shall be absolute and final and shall not be the subject To correction, adjustment or amendment in any way.
2.27.4	Award Criteria: The lowest evaluated bid will be recommended for award.

Evaluation criteria

The received tenders will be evaluated in four stages as detailed below:

1. Stage 1: Compliance with Mandatory Requirements
2. Stage 2: Compliance with Technical Requirements on Capacity to Deliver the upgrade
3. Stage 3: Financial Evaluation

Stage 1: Mandatory Requirements (MR)

The following mandatory requirements must be met notwithstanding other requirements in the document

2.27 Evaluation criteria

No	Requirements	Tenderer's Response
MR 1	Provide documentary evidence of the company's Certified Copy of Certificate of Incorporation/Registration (Legal structure)	
MR 2	Provide Certified copy of the company's current Certificate of Tax Compliance issued by Kenya Revenue Authority (KRA) Valid at least up to the date of tender opening.	
MR 3	Submit a completed signed and stamped company's profile using the Confidential Business Questionnaire provided in this tender document.	
MR 4	Provide Certified Form CR12 from the Registrar of Companies attained in the last 6 months	
MR 5	Provide signed and stamped copies of certified audited financial accounts for the company for the last three accounting years (2017, 2018 and 2019)	
MR 6	A bidder must prove competence of its key proposed staff on the proposed solution by attaching Manufacturer certifications for at least five key staff certified as installers of the proposed solution/equivalent	
MR 7	Provide Certified Copy of valid and Current contractor certificate/License issued by Communication Authority of Kenya (CAK) as a proof of being duly licensed by CA as an installer	
MR 8	Submit with tender a Bid bond of 2% of the tender sum valid for a period not less than 120 days	
MR 9	Certified Copy of NCA Registration Certificate Level 6 and above- registered as an Electrical Engineering Service contractor Category for Electrical Installation , Structured cabling and	

	computer and Computer networking Installation and CCTV Installation etc.	
MR 10	Certificate of Accreditation to the ICT Authority (ICTA) for infrastructure- must be valid and current	
MR 11	Provide Manufacturer authorization Letter for the active and passive equipment /products (switches, cameras and cables) to be supplied.	
MR 12	Self-Declaration stating that you have NOT been debarred by Public Procurement Regulatory Authority to participate in Public Procurement (Non-Debarment Self-Declaration Form) To indicate that the Person/Tenderer is not debarred in the Matter of the Public Procurement And Asset Disposal Act 2015 And Self-Declaration that the Person/Tenderer will not engage in any corrupt or Fraudulent Practice	
MR 13	Bid Document MUST be sequentially and serially paginated in all pages including the attachments. Presentation of the entire tender document in a logical manner-indicating table of content.	
MR 14	Certified/Commissioned copy of power of attorney for the individual signing the bid documents	
MR 15	Duly signed and stamped Reference Letter from the bank recent within 6 months indicating the firm is operating an account	
MR 16	Certified Copy of Current Valid Single Business Permit where the business is domiciled.	
MR 16	Warranties: -All equipment supplied under the Systems scope, including all associated installations shall be warranted by the manufacturer against electronic failure for at least one year. A commitment letter must be attached.	
MR 17	Make Mandatory PRE-SITE visits to confirm and verify existing sites details before completion and submission of tender. Attach a signed and stamped Site Visit/inspection certificate. This visit will be held on 29th March 2021 at 10.00 AM . Bidders are required to sign site visits register at ICT Director's Office, 8th Floor, Wing B, Prosperity Building	

Bidders complying with all the above requirements will proceed to the second stage of technical evaluation.

Stage 2: Technical Evaluation on Capacity to Deliver

Tenderers meeting all the mandatory requirements in stage one will have their bids subjected to the Technical Evaluation on capacity to deliver the goods based on technical parameters given in the table below:

TECHNICAL EVALUATION

Evaluation attribute	Weighting	Total Score
Proposed logical design for the solution and As-Per-Built Diagram	3	3
Technical compliance to the desired specifications	3	3
TECHNICAL STAFF (39 marks)		39
Must provide Technical and Project Management staff with specific qualifications and experience to support the solution as detailed below (Project manager, network engineer, CCTV Installer, Service Manager/Quality Assurance)		
1.Project Manager: Degree in IT/Electrical & Electronic Engineering/Computer science or any technical relevant course. (1 marks)	6	
Minimum of 3 years' experience with a minimum of 3 years in Project Management. Must have handled at least 3 similar projects as a PM .(1 mark for each year and project handled (3 marks)		
Must be a certified PM (PMP or Prince 2) or possess Masters in Project Management or other equivalent project management certifications. (2 Marks)		
Three Network engineers/administrator (1 mark for each proposed) Degree in IT/ Electrical and Electronics Engineering/Computer science or any technical relevant course. (3 marks)	12	
Minimum of 3 years 'experience with a minimum of 3 years as a Network engineer. Must have handled at least 3 similar projects as a Network Engineer. (3marks)		
At least two Must be CCNA certified or equivalent certification. 1 mark each (2 marks)		
At least one must have a Minimum of 3 years 'experience with a minimum of 3 years in CCTV/LAN installation. Must have handled at least 3 similar projects as an installer. (1 mark)		
They Must have proof that has been certified as an installer of the product proposed. Provide a certificate (3 marks)		

<p>Service Support and Quality Assurance Officer Degree in IT/Business Administration any relevant Degree (1 mark)</p> <p>Minimum of 5 years' general experience with a minimum of 2 years as a Service Support and Quality Assurance Officer Must have handled at least 3 similar projects in the role of a Service support officer. (2M)</p> <p>Must be ITIL certified and /have customer relationship support background (2 Marks)</p>	5	
<p>WORK EXPERIENCE AND TECHNICAL CAPABILTY (27 marks)</p> <p>Must have proof of having successfully awarded 5 other similar works in private and public entity in the last 10 years both (LAN and CCTV). Bidders must provide copies of LPO/LSO and copies of contracts as proof. Contact details of the Company/Organization should also be provided). (3 marks for every LPO/LSO/Contract)</p> <p>A bidder must present 4 letters of recommendation or reference letters from at least 4 corporate/government or reputable NGO/ institutions having been recommended for similar works in the last 7years. (1 mark for each letter awarded up-to 4 marks)</p>	19	27 marks
<p>Must present completion certificates for at least 4 of the reference sites provided above. (1 mark for each completion certificate up-to 4 marks)</p>	4	
<p>Manufacturer Authorization Form/Letter for all active devices and the Cable proposed (CCTV equipment, LAN equipment and cable, Access Point. (4 marks)</p>	4	
<p>PROJECT IMPLEMENTATION PLAN AND METHODOLOGY (10 marks) Should include Implementation Matrix - Detailed work plan showing the proposed timelines, understanding of the scope, communication plan, proposed project organization (Note: Providing only project schedule will not be considered as implementation matrix)</p> <ul style="list-style-type: none"> • Detailed project methodology and work plan(2 marks) • Detailed Training plan and curriculum (2 marks) • Detailed integration plan (2 mark) • Warranty and support plan (2 mark) • Draft Service Level Agreement detailing escalation matrix, support and communication structure (2 marks) 		10

FIRM'S FINANCIAL CAPABILITY (8) <ul style="list-style-type: none"> • Must attach certified, signed and stamped audited books of accounts for 2017/2018/2019 (1 mark for each year) • Volume of business handled (turnover) in the last three years (Maximum 2 marks) • 10 Million and above (2 marks) • Bank reference letter and credit line (1 marks) 		8
ACCREDITATIONS AND CERTIFICATIONS <ul style="list-style-type: none"> • Valid CAK license (Telecommunication) (1 marks) • ICTA certified -Infrastructure category (2 marks) • NCA 6 and above license (2 marks) • Must be a partner of the manufacturer of the product proposed. Provide proof of partnership through a partnership letter certificate or letter from manufacturer. (5 marks) (Gold 5 marks, Silver 4 marks, Authorized partner 1 marks, none 0) 		10

STAGE 3: FINANCIAL EVALUATION

Bidders who score 70% and above in the technical evaluation stage will be progressed to the financial evaluation stage. The lowest evaluated bid will be recommended for award to supply, deliver, test and commission the structured LAN (data and voice) & CCTV surveillance at the county headquarters section

III: GENERAL CONDITIONS OF CONTRACT

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SECTION III - GENERAL CONDITIONS OF CONTRACT

Definitions

In this Contract, the following terms shall be interpreted as indicated: -

- (a) "The Contract" means the agreement entered into between the Procuring entity and the tenderer, as recorded in the Contract Form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.
- (b) "The Contract Price" means the price payable to the tenderer under the Contract for the full and proper performance of its contractual obligations
- (c) "The Goods" means all of the equipment, machinery, and/or other materials, which the tenderer is required to supply to the Procuring entity under the Contract.
- (d) "The Procuring entity" means the organization purchasing the Goods under this Contract.
- (e) "The Tenderer" means the individual or firm supplying the Goods under this Contract.

Application

These General Conditions shall apply in all Contracts made by the Procuring entity for the procurement installation and commissioning of equipment

Country of Origin

For purposes of this clause, "Origin" means the place where the Goods were mined, grown or produced.

The origin of Goods and Services is distinct from the nationality of the tenderer.

Standards

The Goods supplied under this Contract shall conform to the standards mentioned in the Technical Specifications.

Use of Contract Documents and Information

The tenderer shall not, without the Procuring entity's prior written consent, disclose the Contract, or any provision therefore, or any specification, plan, drawing, pattern, sample, or information furnished by or on behalf of the Procuring entity in connection therewith, to any person other than a person employed by the tenderer in the performance of the Contract.

The tenderer shall not, without the Procuring entity's prior written consent, make use of any document or information enumerated in paragraph 3.5.1 above

Any document, other than the Contract itself, enumerated in paragraph

3.5.1 shall remain the property of the Procuring entity and shall be returned (all copies) to the Procuring entity on completion of the Tenderer's performance under the Contract if so required by the Procuring entity

Patent Rights

The tenderer shall indemnify the Procuring entity against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof in the Procuring entity's country

Performance Security

Within thirty (30) days of receipt of the notification of Contract award, the successful tenderer shall furnish to the Procuring entity the performance security in the amount specified in Special Conditions of Contract.

The proceeds of the performance security shall be payable to the Procuring entity as compensation for any loss resulting from the Tenderer's failure to complete its obligations under the Contract.

The performance security shall be denominated in the currency of the Contract, or in a freely convertible currency acceptable to the Procuring entity and shall be in the form of a bank guarantee or an irrevocable letter of credit issued by a reputable bank located in Kenya or abroad, acceptable to the Procuring entity, in the form provided in the tender documents.

The performance security will be discharged by the Procuring entity and returned to the Candidate not later than thirty (30) days following the date of completion of the Tenderer's performance obligations under the Contract, including any warranty obligations, under the Contract

Inspection and Tests

The Procuring entity or its representative shall have the right to inspect and/or to test the goods to confirm their conformity to the Contract specifications. The Procuring entity shall notify the tenderer in writing in a timely manner, of the identity of any representatives retained for these purposes.

The inspections and tests may be conducted in the premises of the tenderer or its subcontractor(s), at point of delivery, and/or at the Goods' final destination. If conducted on the premises of the tenderer or its subcontractor(s), all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Procuring entity.

Should any inspected or tested goods fail to conform to the Specifications, the Procuring entity may reject the equipment, and the tenderer shall either replace the rejected equipment or make alterations necessary to make specification requirements free of costs to the Procuring entity.

The Procuring entity's right to inspect, test and where necessary, reject the goods after the Goods' arrival shall in no way be limited or waived by reason of the equipment having previously been inspected, tested and passed by the Procuring entity or its representative prior to the

equipment delivery.

Nothing in paragraph 3.8 shall in any way release the tenderer from any warranty or other obligations under this Contract.

Packing

The tenderer shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract.

The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract

Delivery and Documents

Delivery of the Goods shall be made by the tenderer in accordance with the terms specified by Procuring entity in its Schedule of Requirements and the Special Conditions of Contract

Insurance

The Goods supplied under the Contract shall be fully insured against loss or damage incidental to manufacturer or acquisition, transportation, storage, and delivery in the manner specified in the Special conditions of contract.

Payment

The method and conditions of payment to be made to the tenderer under this Contract shall be specified in Special Conditions of Contract

Payments shall be made promptly by the Procuring entity as specified in the contract

Prices

Prices charged by the tenderer for goods delivered and

services performed under the Contract shall not, with the exception of any price adjustments authorized in Special Conditions of Contract, vary from the prices by the tenderer in its tender.

Contract price variations shall not be allowed for contracts not exceeding one year (12 months)

Where contract price variation is allowed, the variation shall not exceed 10% of the original contract price.

Price variation request shall be processed by the procuring entity within 30 days of receiving the request.

3.14. Assignment

- 3.14.1 The tenderer shall not assign, in whole or in part, its obligations to perform under this Contract, except with the Procuring entity's prior written consent

Subcontracts

The tenderer shall notify the Procuring entity in writing of all subcontracts awarded under this Contract if not already specified in the tender. Such notification, in the original tender or later, shall not relieve the tenderer from any liability or obligation under the Contract

Termination for default

The Procuring entity may, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the tenderer, terminate this Contract in whole or in part

- (a) if the tenderer fails to deliver any or all of the goods within the period(s) specified in the Contract, or within any extension thereof granted by the Procuring entity
- (b) if the tenderer fails to perform any other obligation(s) under the Contract
- (c) if the tenderer, in the judgment of the Procuring entity has engaged in corrupt or

fraudulent practices in competing for or in executing the Contract

In the event the Procuring entity terminates the Contract in whole or in part, it may procure, upon such terms and in such manner as it deems appropriate, equipment similar to those undelivered, and the tenderer shall be liable to the Procuring entity for any excess costs for such similar goods.

Liquidated Damages

- 3.17.1. If the tenderer fails to deliver any or all of the goods within the period(s) specified in the contract, the procuring entity shall, without prejudice to its other remedies under the contract, deduct from the contract prices liquidated damages sum equivalent to 0.5% of the delivered price of the delayed items up to a maximum deduction of 10% of the delayed goods. After this the tenderer may consider termination of the contract.

Resolution of Disputes

The procuring entity and the tenderer shall make every effort to resolve amicably by direct informal negotiation and disagreement or dispute arising between them under or in connection with the contract

If, after thirty (30) days from the commencement of such informal negotiations both parties have been unable to resolve amicably a contract dispute, either party may require adjudication in an agreed national or international forum, and/or international arbitration.

Language and Law

The language of the contract and the law governing the contract shall be English language and the Laws of Kenya respectively unless otherwise stated.

Force Majeure

The tenderer shall not be liable for forfeiture of its performance security or termination for default if and to the extent that it's delay in performance or other failure to

perform its obligations under the Contract is the result of an event of Force Majeure.

SECTION IV: SPECIAL CONDITIONS OF CONTRACT

Special Conditions of Contract shall supplement the General Conditions of Contract. Whenever there is a conflict, between the GCC and the SCC, the provisions of the SCC herein shall prevail over these in the GCC.

Special conditions of contract as relates to the GCC

3.7.1 No performance security shall be required for this tender

Payment Terms

The method and conditions of payment to the bidder under this contract shall be as follows:

- (i) payment for the ICT equipment shall be made in Kenya shillings upon certified deliveries
- (ii) there shall be no advance payment under this contract
- (iii) Payments will be made by the County Government of Kisumu, within thirty (30) days after submission of an invoice and a statement or claim by the bidder.

3.10 Delivery of Goods

- (a) Delivery of the ICT equipment shall be made by the bidder to the County Government of Kisumu's premises. The equipment should be delivered on working days from (Monday to Friday) between by **9.00 a.m.** to **5.00 p.m.**
- b) The delivery of the ICT equipment should be accompanied by a delivery note showing description, quantity, and Local Purchase Order number (LPO).

Other Requirements

Interested firms are required to meet the following requirements:

- i Be incorporated or registered firms. Documentary evidence of the company's Certificate of Incorporation / Business Registration Certificate should be provided.
- ii Be up-to date in payment of taxes. Proof of payment of tax

- required by providing valid copy of the company's Certificate of Tax Compliance issued by Kenya Revenue Authority (KRA)
- iii. Have at least three years experienced in the business of supply of ICT equipment
 - iv. Provide a list of clients and references for which successful supplies of ICT equipment have been to.

SECTION V: SCHEDULE OF REQUIREMENTS (TECHNICAL SPECIFICATIONS) AND QUANTITIES

DESCRIPTION OF SERVICES

County Government of Kisumu is soliciting proposals for supply, delivery, installation and commissioning of LAN (Voice & Data) and CCTV Surveillance for its headquarters office.

The vendor will be required to deliver, install and commission the solution. In addition, he/she shall be expected to integrate the solution with existing environment without affecting the operations and efficacy of the systems. The vendor will provide any other accessories, services and equipment to maintain and improve the provision of the requested service.

The solution should be designed to provide secure and highly available services at County Government of Kisumu.

Technical Specifications

The prospective supplier is required to demonstrate high level competence in the deployment and support of the proposed solution. It is a requirement in this tender that the service provider shall install the solution without affecting the operations and or performance of existing services offered by the targeted systems.

Project Requirements

- a. A detailed project plan outlining the activities and timelines of completion for each task.
- b. Each Vendor responding to this RFP represents that (i) this document has been read and fully understood, and (ii) that the proposal submitted is based upon a full understanding of the requirements and specifications described in this RFP.
- c. CGK will not be liable for any cost incurred by the bidders in preparing responses to this RFP or negotiations associated with award of a contract.
- d. The successful bidder will be required to provide detailed

documentation with diagrams of the deployed solution.

- e. All Cisco active devices should include 2-year Smartnet cover.

The bidders are required to indicate the level of compliance to the following minimum technical specifications in this table by stating as follows: (C: Fully Compliant, P: Partially Compliant and N: Not compliant). The detailed technical specifications shall be weighted depending on their importance to the overall performance of the solution.

It should be noted that the compliance level as given below will strictly be verified against the detailed bill of quantities provided. Any discrepancy between the bill of quantities and the level of compliance on the specifications below will NOT be scored.

I. Scope of Services

The anticipated scope of work to be addressed under this proposal is described as follows.

Phase 1 - Planning Tasks

- a. Client Interviews: Meet with selected CGK representatives and the Program Manager to discern and document requirements.
- b. Review Existing Physical Conditions: Inspect the premises, and the architectural.
- c. Standards Development: Develop design criteria based upon information gathered from client interviews. Prepare a narrative description of the system architecture.

Phase 2 - Design Documentation Tasks

- a. Prepare Schematic Design Documents: Prepare preliminary design documentation for Owner review and approval.

- b. Prepare Final Design Documents: Prepare final design documentation and samples for Owner review and approval. Coordinate architectural and electrical requirements and details with the CBK.

Phase 3 – Installation

- a. Coordinate configuration and installation works.
- b. A typical station location consists of universal cable runs and termination jacks for at least one (1) voice and one (1) data outlet. Some locations will require the voice cable to be split, connecting two (2) pairs to a single RJ45 jack. In addition, there could possibly be more than one (1) data connection at any given workstation.
- c. Cross-connect/patch and terminate fiber optic/copper riser cables and station cables based on final design. Provide the connection to the electronic hardware, and grounding of all racks, cabinets, patch cables, and patch fields.
- d. Provide all labeling and documentation of all horizontal and vertical cabling installed, including
- e. Providing a graphical mapping of all active and passive systems. **Handwritten labels** are not acceptable.

Phase 4 – Project Close-out

- a. As built documentation for the LAN with detailed diagrams which are up to scale.
- b. Testing: Provide a copy of testing procedures and methodology for approval. The Cabling Vendor shall define a start-up acceptance period and a start of warranty period beyond same. Cables which fail any of the parameters will be re-terminated and re-tested, or removed and reinstalled. Each bidder shall include a sample of its test results report with its proposal response.
- c. Provide a statement of warranty on the installation of the Category 6 network cabling. The materials and the

installation shall be warranted for a minimum of twenty (20) years.

- d. Provide a guaranteed maximum of twenty-four (24) hour response time to repair/replace defective cables or connections. This guarantee shall apply to all materials and installation performed under the contract. Provide a guaranteed maximum four (4) hour response time for emergencies.
- e. Final Documentation: Provide three (3) sets of "as-built" record drawings, CDs of electronic files of plans in Visio format, cut sheets of all installed equipment, certificates, guarantees, warranties, and testing reports.

III. Specifications

- A. Each voice/data duplex outlet will be supported by (at least) two (2) dedicated 4-Pair UTP Category 6 cables rated for exposed use in ceiling plenums. Some *voice* locations will require the cable pairs to be split allowing for two (2) voice connections at a single location. One (1) 4-Pair UTP cable shall be used to deliver voice services to one (1) RJ-45 Category 6 modular jack. One (1) 4-Pair UTP cable shall be used to deliver 1000BaseT LAN/data services to one (1) RJ-45 Category 6 modular jack.
- B. Outlets placed in systems furniture workstations will be wired after installation of the furniture and prior to receipt of a Certificate of Occupancy. Sufficient resources should be scheduled to not delay the construction manager in securing same.
- C. Poke-through floor devices will be required in selected locations such as conference rooms to support power/tele/data connections at tables.
- D. Voice services shall be via 24 AWG plenum station UL certified Category 6 cable with color matching jacks and icons. Data services shall be via different colored 24 AWG plenum station UL certified Category 6 UTP cables with color matching jacks and icons.
- E. All cabling shall be "CMP" rated for use in air

conditioning plenum spaces without conduit. Bridle ring or “Caddy” sling horizontal distribution shall be used for cable runs above ceilings. Quantity and installation techniques in distribution of the cable runs shall comply with system manufacturer’s specifications.

- F. All horizontal/vertical cabling shall be: Factory certified Category 6 compliant, in accordance with the most current EIA/TIA standards.

DETAILED TECHNICAL SPECIFICATIONS FOR SECURITY SURVEILLANCE AND LOCAL AREA NETWORK STRUCTURED CABLING

CAMERASPECIFICATIONS

1.0 DESCRIPTION OF THE SITE

The County Government of Kisumu is seeking to hire a reputable ICT firm to design and implement a networked IP based surveillance system and structured Cabling, with support for network storage of surveillance data System at the Headquarters.

2.0 DESCRIPTION OF THE PROJECT

The works comprise the supply, installation, testing and commissioning of the following:

- IP Cameras (Bullet & Dome)
- Network video recorder
- Cabling
- LED Monitors
- Network switches

3.0 SCOPE OF WORK

This will comprise of high definition camera system with latest technological smart features in caption storage viewing and play back as below.

Surveillance CCTV system is required to ensure effective surveillance of the headquarters as well as create a tamperproof record for post event analysis. The System shall provide an online display of video images on Large LED monitors located in the Central Control room.

The system should facilitate viewing of live and recorded images and controlling of all cameras by the authorized users present in the LAN. It should provide inter-operability of hardware, OS, software, networking, printing, database connectivity, reporting, and

communication protocols. The system expansion should be possible through off-the shelf available hardware. It is necessary to note that equipment with better specifications shall be accepted.

4.0 SPECIFIC NOTES TO TENDERERS

EXTENT OF INSTALLATION

The Contractor shall carry out all the necessary works for successful installation of the services mentioned as described and set out in the technical specifications, Bills of Quantities and accompanying drawings to the satisfaction of the client.

This will include the supply & delivery of equipment, fix, install, connect, test, label, commissioning & the associated labor to a clean and neat working system that meets every detail as described in the specification

5.0 WARRANTIES

All equipment supplied under the CCTV scope, including all associated installations shall be warranted by the manufacturer against electronic failure for at least one year.

6.0 SYSTEM SPECIFICATIONS

The items described in the schedules to be priced are to meet the under listed minimum specifications and of the stated model or equal and approved:

6.0.1 IP BASED SURVEILLANCE (CCTV) CAMERAS

The IP Surveillance (CCTV) Cameras to be quoted for in this document should have the following as a minimum and should be included in the costs. They should be:

- PoE (Power over Ethernet) Capable, 12VDC or 24VAC power options unless otherwise stated
- Complete with appropriate bases
- Complete with appropriate brackets for wall mounting where applicable
- Complete with appropriate brackets for pendant mounting where applicable
- Complete with appropriate junction boxes, adapters, etc. where applicable.
- Having a password protection option.
- Contain a built-in web server making video and configuration available to multiple clients in a standard browser environment using HTTP, without the need for additional software.
- Shall not require any additional software to operate, and shall support full functionality when operating in the applied environment i.e. MS Internet Explorer8.x or higher on Windows 7 or higher.
- Supporting both fixed IP addresses and dynamically assigned IP addresses

provided by a Dynamic Host Control Protocol (DHCP) server.

- Able to allow event functions to be configurable via the web interface.
- Able to accept external time synchronization from an NTP (Network Time Protocol) server.
- Able to allow for the overlay of a graphical image, such as a logotype, into the image.
- Able to allow all customer-specific settings to be stored in a non-volatile memory and shall not be lost during power cuts or soft reset.
- Able to provide a connection list of all currently connected viewers. The file shall include information about connecting IP address, time of connecting and the type of stream accessed. The CCTV Cameras should be supported by any of the following Certifications, Ratings, Approvals and Patents:
 - CE, classA
 - FCC, classA
 - UL/CUL listed

CCTV MODEL 01: INTERNAL / EXTERNAL IP Dome Camera

The camera shall meet the following specifications.

Internal /External Vandal-Resistant Network Dome Camera		
Feature	Minimum Requirements	Bidder's Response
<u>GENERAL</u>		
Application	4 Megapixel Smart IP Dome Camera -Internal /External	
Day/Night	IR cut filter with auto switch	
Frames per second	60Hz: 45fps(2048 × 1536), 60fps@(1920 × 1080, 1280 x	
Impact Protection	IK10	
Alarm I/O	1 input, 1 output (up to DC24V 1A or AC110V 500mA	
Protection Level	IP66	
Auto-iris	DC drive	
<u>CAMERA</u>		
Max. Resolution	2048 x 1536	

Frame Rate	50Hz: 45fps(2048 × 1536), 50fps@(1920 × 1080, 1280 x720)	
	60Hz: 45fps(2048 × 1536), 60fps@(1920 × 1080, 1280 x	
Image Device	1/2.8" Progressive Scan CMOS	
Day/Night Switch	Full colour Night vision Camera	
Shutter Speed	1s ~ 1/100,000s	
Wide Dynamic Range	120dB	
Alarm Triggers	Alarm input, Motion detection, Intelligent video analytics, Network disconnect	
Min. Illumination	0.005 Lux @(F1.2,AGC ON), 0.007 Lux @(F1.4,AGC ON), 0 Lux with IR	
Video Compression	H.264+/H.264/ MJPEG	
Lens	2.8-12mm @ F1.4 / AF automatic focusing and motorized zoom lens	
Video Bit-rate	32 Kbps - 16 Mbps	
Audio Bit-rate	64Kbps(G.711) / 16Kbps(G.722.1) / 16Kbps(G.726) /	
Audio Compression	G.711/G.722.1/G.726/MP2L2	
Image Enhancement	BLC/3D DNR/ROI/Defog	
Image Settings	Rotate Mode, Saturation, Brightness, Contrast, Sharpness adjustable by client software or web browser	
Network Storage	NAS (Support NFS,SMB/CIFS), ANR	
Communication Interface	1 RJ45 10M/100M/1000M Ethernet port, 1 RS-485 interface	
Power Supply	DC12V/ AC24V/PoE(802.3af), -H:	
Power Consumption	Max. 12 W -H (Smart Heater): 17W	
Smart Feature-set	Behavior Analysis Line crossing detection, Intrusion detection, motion detection, Dynamic analysis, tampering alarm, Network disconnect, IP address	
Line Crossing Detection	Cross a pre-defined virtual line Intrusion Detection Enter and loiter in a pre-defined virtual region	
Region Entrance	Enter a pre-defined virtual region from the outside place	
Region Exiting	Exit from a pre-defined virtual region	

CCTV MODEL 02: EXTERNAL IP Bullet Camera

The camera shall meet the following specifications.

Specifications

<i>Camera</i>		
	External Vandal-Resistant Network Bullet Camera	
Feature	Minimum Requirements	Bidder's Response / Comment
Application	4 Megapixel Smart IP Bullet Camera	
Image Sensor	1/2.8" Progressive Scan CMOS	
Min. Illumination	0.01Lux @(F1.2,AGC ON), 0.028 Lux @(F2.0,AGC	
Shutter Speed	1/3 s ~ 1/10,000 s	
Slow Shutter	Support	
Lens	4.6mm; @F2.0 angle of view: 90°(4mm), 18.9°(16mm)	
Lens Mount	M12	
Day & Night	Full colour day and night vision	
WDR	120Db	
<i>Compression</i>		
Video	H.265/MJPEG/H.265+	
H.264 Type	Main Profile	
Video Bit Rate	32 Kbps - 16 Mbps	
<i>Image</i>		
Max. Resolution	1920 × 1080	
Max Frame Rate	50Hz:Mainstream:25fps(1920×1080),25fps(1280×960),25fps(1280×720)Su	
Image Enhancement	BLC/3D DNR/ROI	
Image Setting	Rotate Mode, Saturation, Brightness, Contrast, Sharpness adjustable by client software or web browser	
Day/Night Switch	Full colour Night vision Camera	
<i>Network</i>		
Network	NAS (Support NFS,SMB/CIFS)	
Detection	Intrusion detection, Line crossing detection, Motion	

Alarm Trigger	Tampering alarm, Network disconnect, IP address conflict,	
Protocols	TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP,	
Security	Anti-Flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filtering, Anonymous access	
Standard	ONVIF (PROFILE S, PROFILE G), PSIA, CGI, ISAPI	
General		
Communication Interface	1 RJ45 10M/100M Ethernet interface	
Operating Conditions	-30 °C - 60 °C (-22 °F - 140 °F), Humidity 95% or less (non-	
Power Supply	12V DC±25%, PoE (802.3af Class3)	
Power Consumption	-I3: Max. 6W; -I5: Max. 7.5W; -I8: Max. 10.5W	
Material	Front Cover: Plastic; Body: Metal; Sun shield: Plastic	
Ingress Protection level	IP67	
IR Range	30 meters;	

NETWORK VIDEO RECORDER (NVR)

Specifications

Feature		Minimum Requirements	Bidder's Response
Video/Audio input	IP video input	32-ch	
	Two-way audio input	1-ch, RCA (2.0 Vp-p, 1KΩ)	
Network	Incoming bandwidth	160Mbps	
	Outgoing bandwidth	80Mbps	
	Remote	128	

Video/Audio output	Recording resolution	6MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/Q CIF	
	Frame rate	Main stream: 50 fps (P) / 60 fps (N)	
		Sub-stream: 50 fps (P) / 60 fps (N)	
	HDMI/VGA output	1-ch, resolution: 1920 × 1080 /60Hz, 1600 × 1200 /60Hz, 1280 × 1024 /60Hz, 1280 × 720 /60Hz, 1024 × 768 /60Hz	
Audio output	1-ch, RCA (Linear, 1kΩ)		
Decoding	Live view / Playback resolution	6MP/5MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/Q CIF	
	Capability	16-ch@4CIF, 12-ch@720P, 6-ch@1080P	
Hard disk	SATA	12 SATA interfaces for 2 HDDs + 1 DVD-R/W (default),	
	eSATA (Optional)	1 eSATA interface	
	Capacity	20TB Storage	
External interface	Network interface	1 RJ-45 10 /100 /1000 Mbps self-adaptive Ethernet interface	
	Serial interface	RS-232 and RS-485	
	USB interface	2 × USB 2.0 + 1 × USB 3.0	
	Alarm in / out	16 / 4 (optionally can be expanded to 16 / 8)	
PoE	Interface	16 independent 100 Mbps PoE network interfaces	
	Max. Power	200W	
	Supported standard	AF and AT	
Others	Power supply	100 ~ 240 VAC	
	Consumption (without hard disk, DVD-R/W)	≤ 20 W	
	Working temperature	-10°C ~ + 55°C (14°F ~ 131°F)	
	Working	10 % ~ 90 %	
	Chassis	19-inch rack-mounted 1.5U chassis	

The NVR should operate on a fully open architecture thus making it compatible with other manufacturer's devices.

The NVR should:

- Be Rack-mountable.
- Have enough storage capacity of information for permanent recording of all cameras for minimum of 30 days in regards with the number of cameras.
- Shall be a fully scalable multimedia management system. This network-based system architecture should enable simultaneous monitoring of video and audio, live and recorded, from multiple stations.
- Be complete with all accessories i.e. power cords, USB Keyboard & Mouse, Bexel Key, Rack mount kits, documentation, resource and recovery discs, etc.

The NVR should be supported by the following Certifications, Ratings & Patents as a minimum:

- CE, class A; Meets EN50130-4 standard requirements
- FCC, classA
- UL/CULlisted
- C-Tick

The NVR shall meet the following specifications.

6.0.2 VIDEO MANAGEMENT SOFTWARE (VMS)

The VMS shall provide the central management of CCTV, information sharing, convenient connection and multi-service cooperation.

The video management software should be compatible with DVRs, NVRs, IP cameras, encoders, decoders, VCA device, etc.

Shall provide multiple functionalities, including real-time live view, video recording, remote search and playback, file backup, alarm receiving. Must have the following salient features;

Live View

- Support H.265 and H.264+ video encoding formats
- View settings and instant play back
- Main/auxiliary screen live view
- Support up to 64-window division for standard screen, and 48-window division for the widescreen
- Custom window division configurable
- Live view in Fisheye mode for fish eye camera

Alarm Management

- Camera linkage and multiple linkage actions supported
- Device arming and alarm output control
- Alarm configuration for camera event, alarm input, zone event and device exception

- Combined alarm, Mixed-traffic Detection alarm and CVR alarm supported

Playback

- Select storage device before playback
- Local and remote playback
- Instant playback, normal playback, alarm input playback, event playback, ATM playback, VCA playback, and fish eye playback.
- Up to 16-ch synchronous playback supported

Backup

- Download video files to PC
- Export video files via remote configuration
- Log search and backup
- Import and export the configuration file
- Support merging the video files when downloading by date Statistics
- Provide the data statistics of heat map, people counting, counting, road traffic, face retrieval, license plate retrieval, behavior analysis, and face capture

Advanced functions, including:

- Advanced Live View
- Advanced Playback
- Thermal Imaging
- Queue Detection
- Smart Wall
- Low Bandwidth Adaptability
- pStor (Windows Based NVR)
- Video linkage with Access Control
- Enhanced Alarm Management
- Professional UVSS
- 3rd-party Integration under OpenSDK

WORKSTATION

The Client Computer Workstation should be compatible with current IP systems and should meet the following specifications.

CLIENT COMPUTER WORKSTATION		
Feature	Minimum Requirements	Bidder's Response / Comment (√ or X)
SYSTEM HARDWARE		
Recommended	Processor Type: Intel, Maximum Memory: 32 GB with 16 GB DDR4 UDIMM, Memory Slots 2, Drive supported: 4 NHP LFF SATA HDD or 4 NHP SFF SATA SSD, Processor: Intel® Xeon® E-2200 series, Intel® Pentium® Processor, Speed: 3.8 GHz, Storage Controller: 1 HPE Smart Array S100i	
Operating System	Microsoft Windows 10 Pro (32/64Bits)	
WARRANTIES		
Warranty	1 years, parts and labor.	

TV SCREEN/MONITOR

Backlight:	D-LED
Dimension:	54.6 inch
Optimal working resolution:	3840 × 2160@60Hz
Brightness:	400 cd/m ²
Contrast:	1200 : 1
Response time:	8ms
Color:	1.07billion
Active Area:	1209.6mm(H) * 680.4MM(V)
Viewing Angle:	Horizontal 178°, vertical 178°
Input:	RS232 1 HDMI 2.0 2 VGA 1 LAN 1

	Audio in 1 USB3.0 1 USB2.0 1
Output:	Audio out 1
Casing Material:	Plastic
Color of Casing:	Black
Speakers:	2*8W
Power Supply:	100 to 240 VAC, 50/60Hz
Power Consumption:	≤ 180W
Standby Power Consumption:	0.5W
Working Temperature:	0 to 40 ° C (0 to 104 ° F)
Working Humidity:	20 to 80%RH
Storage Temperature:	-20 to 60 ° C (-68 to 140 ° F)
Storage Humidity:	10 to 90 %RH
Dimensions:	1239.2mm*711.6mm*61.7mm
Packing Dimensions:	1365mm*864mm*185mm
Gross Weight:	20.7kg
Net Weight:	16kg
Working time:	7 × 24h

TRAINING

You are required to recommend and provide technical training for County Government of Kisumu staff for the following components:

- Technical training on the supplied equipment. In your proposal, you are required to indicate the proposed schedule for training.

SERVICE LEVEL AGREEMENT

The required Service Level Agreement proposal to cover the following systems;

- Storage System
- Active equipment –Switches
- Cameras
- NVR
- Software
- Network switches.

Post implementation support is an important aspect of this project.

Bidders are required to demonstrate their ability to support the County Government of Kisumu network.

MAINTENANCE, SUPPORT AND WARRANTY

All the devices should have a one-year (1) warranty period

LOCAL AREA NETWORK (STRUCTURED CABLING)

The scope shall include delivering the following:

1. Local Area Network for the scope of the project which shall include supply, installation and commissioning of the following components;

- (a) Passive / Active Equipment
- (b) Horizontal Cabling Subsystem
- (c) Backbone Cabling Systems
- (d) Wireless Device Configurations

2. Overview of the Infrastructure

2.1 The purpose of this infrastructure is to provide a functional solution for a comprehensive technology network system including required network cabling, components and devices. It provides adequate details and criteria for the design of this technology network system with the aim of providing clients' offices with complete integrated network infrastructure.

2.2 The cabling infrastructure will provide facilities for connecting to a wide range of heterogeneous devices, which may include but not limited to computers, network management devices, audio/video communication devices, security and access control systems. It is required that the cabling system be based on an **open architecture** that will provide multiple compatibility, interoperability, scalability and efficient adaptability to changes in physical layouts and relocations where a number of data points are anticipated. The proposed guide for these data points at various buildings are shown on the floor plans attached.

2.3 The bidder will supply all components necessary to complete the installation, testing and commissioning of the integrated Local Area Network (LAN).

2.4 The bidder shall be responsible for the installation of the technology network system as required in the Tender Document

2.5 Bidders are advised to pay particular attention to Section of this document, which specifies the desired scope and installation practice that requires strict adherence.

2.6 The solution is required to support secure communication, scalability, reliability and simple network management. The entire network will have a consistent architecture to reduce the total cost of network ownership for on-going support and maintenance, component and interface management, scalability, relocations, security, redundancy and training. All the structured cabling sub system components for each solution must be from the same manufacturer.

Where there is an already functioning LAN the bidder shall connect the newly done LAN to the existing one. In such a case, aggregation switch shall be the connection point in the existing LAN. All the active components used in LAN MUST integrate seamlessly.

The Bidder must provide lightening surge protectors and earthing of the active equipment

The bidder must provide a Manufacturer Authorization Form in the format specified. See attached Manufacturer Authorization Form format

1. General installation practice

No	Technical Specifications	Compliance (Yes/No)	Remarks
Requirements			
1.	The Bidder will be required to install cabling in accordance with International Structured Cabling System and designs. Each subsystem will be implemented using Category 6A cablings compliant with components to be deployed in accordance with ANSI/TIA/EIA-568-B and ISO/IEC 11801 standards.		
2.	The LAN acceptable standards must be adhered to.		

3.	All network components must be connected to the earth wire as indicated in the general specifications of this document, the local		
4.	All routing layout for cable paths must consider fiber optic cable with minimum radius of curvature to be supported by the existing facilities in order not to interfere with access to maintenance activities.		
5.	All cabling infrastructure should make provisions aspects for possible future extensions.		
6.	All adapters must be compatible with the transmission capacities of the equipment to which they connect.		
7.	All cables and connectors must be labeled with permanent indelible ink mark labels.		
8.	Horizontal and backbone cables shall be labelled at each end. The cable or its label shall be marked with its identifier.		
9.	A unique identifier shall be marked on each faceplate to identify it as connecting hardware.		
10.	Each port on the face plate shall be labeled with its identifier.		
11.	The bidder will be required to comply with the manufacturer's recommended installation practices.		
12.	The network should be capable of carrying data, voice and video . QOS should be considered as part of installation and configuration of the network.		
13.	All active LAN equipment should be from the same manufacturer for seamless integration, management and maintenance		

14.	<p>The bidders must enclose together with their submitted bids brochures detailing technical specification, literature and specifications of the active and passive components of the structured cabling system. The brochures shall be used to evaluate the suitability of these components. Any bid submitted without the highlighted brochures shall be considered technically non-responsive, and may subsequently be disqualified.</p> <ol style="list-style-type: none"> 1. Horizontal Cabling Sub system <ol style="list-style-type: none"> a. Cabinets b. UPS c. Face Plates and Modules d. Trunking e. CAT 6A cable 2. Backbone Cabling Systems <ol style="list-style-type: none"> a. CAT 6 A within a block b. CAT 6 A to connect blocks 		
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2. Local Area Network Installation
2.1 LAN Overview & Installation Practice

No	Technical Specifications	Compliance (Yes/No)	Remarks
Requirements			
1.	The LAN installation will consist of a star topology with horizontal UTP subsystem originating from switches and terminating with RJ45 sockets. For each data point, a patch cord of appropriate length with RJ45 connectors at both ends will be required to connect the information point to the network interface adapter.		

2.	Good cable management practice must be adhered to and proper color-coding used for easy identification.		
3.	The Main Distribution Facility (MDF) will be located on an already identified room by the client.		
4.	The location for HDFs (Horizontal Distribution Facility) on each building floor will be located on an already identified rooms by the client.		
5.	High-speed Fiber Optic Uplink Backbone cable will be used to link building blocks and floors to the main distribution facility location.		
6.	Cables must be run in the Trunking (s) within building wall and surface pathways. This must be metal Trunking installations.		
7.	The Bidder will be responsible for supplying all materials and components that are necessary to complete the installation of the structured cabling system.		
8.	The horizontal cabling will include outlets and consolidation or transition points, connectors, mechanical terminations and patch cords that compose horizontal cross-connect. Cables will be routed in new wall ducts and terminated on patch panels and other data outlets as specified in accompanying diagrams.		
9.	A Metal trunking of 150mm by 50mm dimensions with two compartments must be installed. One will be used for data cables and the other for any other utility service. Also provide 200mm by 50mm Cable trays as per requirement		
10.	The bidder will be responsible for pulling, terminating and testing all circuits installed and each cable shall be assigned a unique cable number.		

2.2 Horizontal Cabling

No	Technical Specifications	Compliance (Yes/No)	Remarks
Requirements			
1.	The primary media for horizontal cabling will be 4-pair Unshielded Twisted Pair (UTP) that must meet or exceed ANSI/TIA/EIA-568-B and ISO/IEC 11801 standards requirements.		
2.	UTP Category 6A or higher quality cables must be used.		
3.	Each room to be networked shall have wall plates installed and each outlet terminated with 8-pin modular jacks (RJ-45).		
4.	Each designated network interface/ port will have capacity to support at least 1G Ethernet.		
5.	Cables will be required to move through metal trunking firmly pulled.		
6.	Cables should not be crushed using cable ties.		
7.	Cable conduits must not be overfilled.		
8.	No distortion due to kinks, sharp bends or excessive hauling tension shall be allowed.		
9.	Cables shall be run in a manner eliminating any possibility of strain on the cable itself or on the terminations		
10.	Cables shall be kept at a minimum distance of 150mm from items liable to become hot or cold.		
11.	Bending radii shall not be less than eight times the overall cable diameter.		
12.	The manufacturers hauling tension shall not be exceeded.		

13.	All cable ties and fixings shall be tightened to support the cable loom without distortion of the cable sheath.		
14.	All cables must pass through trunking and should not be seen from outside		
15.	There shall be no splicing of installed cables. Intermediate cross-connects and transition points are not allowed.		
16.	All user-area patch chords shall be at least 3-metre in length. However, 5-metre patch cords shall also be provided as indicated.		
17.	Data outlets shall be flash mounted on the metal trunking.		
18.	All user-area patch chords and cabinet patch cords will be supplied to match the total number of data outlets.		
19.	The contractor shall pull two cables for each faceplate and terminate both cables.		
20.	The contractor shall ensure that existing power sockets are mounted on the metal trunking.		
21.	The Contractor may combine two or more blocks to form one LAN segment to leverage on the active devices. This shall be shown clearly in the proposed design.		
22.	The combined blocks LAN segment UTP cables shall not be more than 90M from the active equipment to the data point		
23.	Where there is a combined blocks LAN segment, 110mm HDPE ducts shall be used to interconnects the blocks and outdoor UTP cables shall be used		
24.	Cables entry between the blocks shall be not more than 0.5M from the ground and the outer cover shall be metallic trunk.		

2.3 Patch Panels, Equipment Cabinets and Uninterruptible Power Supply (UPS)

No	Technical Specifications	Compliance (Yes/No)	REFERENCE INFORMATION TO SUPPORT COMPLIANCE (Highlighted in the bid document)
Requirements			
1.	All patch panels must conform to ANSI/TIA/EIA- 568B.		
2.	All Patch Panels must be scalable		
3.	Patch panels must be equipped with RJ45 Category 6A sockets contacts with capacity of 24 or 48 ports as needed.		
4.	All patch panels must be rack mounted.		
5	All patch panels must be earthed to provide electrical safety to users in future and screening to prevent electromagnetic radiations.		
6	Except for the patch cords used to connect NICs to the RJ45 sockets, all patch cords must be labeled at each extremity with soft PVC indelible marking. For all other components, the label type should be of stiff plastic PVC.		
7	The main cabinet in the server room (MDF) shall be at least 22U or equivalent and easily accessible during maintenance.		
8	Floor/ Block cabinets shall be metallic and wall mounted with front clear glass at least 15U and of good finish and conveniently accessible by technical personnel for maintenance.		
9	Power to the cabinets shall be switched off from within the cabinets. Proper power socket cables to be supplied with the cabinets. The bidder shall be required to provide at least a 4-way Power Distribution Unit (PDU) .		
10	All cabinets shall have at least 4U free space after all the passive and active equipment are mounted		

11	All cabinets must have forced cooling.		
12	The exact placing of the cabinets should be defined at the start of the works by the bidder in consultation with the facility in charge/ administration		
13	Equipment cabinets must provide enough space to accommodate cabling, cabling management, equipment racks, patch panels and network control devices as required with convenient locations to provide access to operational personnel.		
14	MDF Cabinets must be free standing and must have lockable doors.		
15	The MDF cabinets shall have open doors both at the rear and in front.		
16	The UPS installed in the MDF shall be 2000VA for the cabinet, rack mountable, SMART signaling and line interactive		

NOTE: The bill of materials is just an estimate; the bidder is required to carry out a survey in order to get actual material required and provision for them in the quote. The client is not liable for any omission.

2.4 Training, Completion and Commissioning

- a) The bidder shall be expected to provide a comprehensive training for the entire solution to at least ten (5) IT administrators for a period of not less than 1week.
- b) Training shall be provided in two 2-hour sessions to ensure that all interested parties can attend.
- c) The bidder shall provide a training proposal and materials including the curriculum and a training timetable
- d) Upon installation and completion; the bidder must carry out tests and record the test results in two soft copies (FLASH-DISK) showing cable types and components used. All components must be tested after which a Completion Certificate shall be issued. The test should state the following:
 - Number of outlets
 - Type of cables used

- Date completed
- Type of Warranty certificates specifying start and expiry dates
- Connectivity and band width tests

In addition, an "as-built" package must be submitted with the following information

- Updated floor plans
- Wire/cable routing schematic
- Facility assignment records
- Horizontal cable test results and summaries
- Fiber Backbone test results and summaries

2.5 Documentation

The bidder shall avail two hard copy documentation books to the client detailing the layout, the devices used and all the components used in the system which must include all information for future references and maintenance purposes to be used by technicians who will be manning the network service workmanship. In particular, the documentation must be structured to contain the following:

- a. Synopsis of the cabling (primary and secondary)
- b. Charts for distribution and highlights showing details of the components installed
- c. A detailed map of socket layouts in Soft copies on FLASH-DISKS should be availed

2.6 Schedule of Works

a. It is expected that the Supply, Installation, Testing and Commissioning of the network and CCTV infrastructure shall be completed no later than 90 days following the signing of the Contract. The Contractor shall construct and install the Works in accordance with the Contract documents. The Works may commence on the Start Date and shall be carried out in accordance with the Program submitted by the Contractor, as updated with the approval of the Procuring Entity's Representative, and complete them by the Intended Completion Date.

b. Within seven days after Site possession date, the bidder shall submit to the Procuring Entity's Representative for approval a program showing the general methods, arrangements, order

and timing for all the activities in the Works. Bidders shall be required to submit phased schedules of their works showing critical activities proceeding with minimal interruptions. The Bidder is expected to adhere to these schedules with minimal variations as may be agreed with the client to ensure continuity of critical operations.

c. The Bidder shall guarantee Installation completions and the Commissioning of completed works within the specified period agreed as indicated in the schedule. Upon deciding that the Work is complete the Contractor shall request the Procuring Entity's Representative to issue a Certificate of Completion of the Works, upon deciding that the Work is completed. The Procuring Entity shall take over the Site and the Works within seven days of the Procuring Entity's Representative issuing a Certificate of Completion. If the Bidder fails to adhere to his schedule of works to complete installations and commission the completed works within the specified period, the Bidder may be required to pay liquidation damages to the client.

2.7 Damage to existing equipment

Damages attributable to the Bidder or the Bidder's agents and/or assignees to any of the existing equipment or systems will be repaired or replaced by the client at the expense of the bidder as specified in the bid document. The costs associated with such repairs and/or replacements shall be borne by the Bidder fully on a cost-plus basis.

2.8 Bidder's Responsibilities

The bidder shall do the work with due care and diligence and in accordance with the Contractual agreement terms as signed in the contract and in strict adherence to best industry practices.

2.9 Warranty and Support

a. The Bidder shall be required to give a warranty of fifteen (15) years for structured cabling infrastructure. The Bidder shall warrant that all the work installations and equipment are free from defects and if any defect is discovered; then the Bidder shall take immediate action to replace the damaged device as required during the warranty period.

b. The Bidder shall be required to give a warranty of three (3) years for all active devices

c. The support period for the entire LAN infrastructure shall be three (3) years warranty

d. Origin of the hardware should be indicated

2.10 Acceptance

The client's acceptance will be based on visual inspection and satisfaction of the works done during installation, cable route layouts, trunking made, connections made, hardware and other works done well within the project period as well as the technical tests carried out to ensure that they fully passed after project completion. Acceptance will only be sanctioned after all technical tests have been ascertained to be in order, true and in visual control certified by the technical team on the works done by the bidder in strict compliance with the contractual terms.

2.11 Project implementation

The contractor will propose a phased project implementation and payments based on the following milestones


Milestone One

- i. Signing off of high and low level physical and logical designs
- ii. Civil works including
 - a. Cable laying
 - b. CAT 6A Installation
 - c. General Configurations

Milestone Two

- i. Installation, Configuration, Testing and Commissioning of Active and Passive Equipment
 - a. Delivery and installation of active equipment, passive equipment and their associated accessories.
 - b. Testing, configurations, integration and Commissioning of the entire network solution
 - c. Training
 - d. Documentation
 - e. Any other works needed to achieve the required solution as outlined in the detailed scope of works.

PRICING SCHEDULE

COUNTY DEPARTMENT OF EDUCATION, ICT & HUMAN CAPACITY DEVELOPMENT				
				
<u>STRUCTURED LAN CABLING AND CCTV SURVILLANCE INSTALLATION COUNTY HQ'S</u>				
<u>SCHEDULE OF EQUIPMENT</u>				
2nd Floor Wing "A,B,C" - 98 Data Points				
SCHEDULE OF UNIT RATES - (LAN)				
Item	Description	Qty/Unit	Unit Rate (Kshs)	Total
1	24 Port- 10/100/1000 Gigabit POE Managed Switch, 1 RU Rack Height, Power Voltage 100-240V, Capacity 56 Gbps, RAM 512 MB, Flash Memory 256 MB, Mounting Kit included, Combo Ports (RJ-45 + SFP)	3		
2	Indoor Access points- Breakthrough Speeds up to 1300 Mbps in the 2.4-5 GHz Band, PoE Mode 802.3af PoE802.3at PoE, Wi-Fi standards: 802.11 a/b/g/n/r/k/v, Security: WEP, WPA-PSK, WPA-Enterprise (WPA/WPA2, TKIP/, Power Supply: PoE	6		
3	2-Port Single-Gang Shuttered Keystone faceplate- White, RJ 45, ABS UL 94V-0 compliant, Labelling field	49		
4	CAT-6 UTP Jack Module, Conforms to - ANSI/TIA-568-C Category 6 Specification	98		
5	CAT-6 Armored UTP Cable	16 boxes		
6	RJ-45 CAT-6 Connectors	1,000 pcs		
7	7 way 19" Rack Mount Horizontal PDU Strip	1		
8	50*200mm Metallic Trunking	10 pcs		
			TOTAL	
SCHEDULE OF UNIT RATES - CCTV Surveillance				
Item	Description	Qty/Unit	Unit Rate (Kshs)	Total
1	Bullet Camera-As per the attached specs	12		
2	Dome Cameras-As per the attached specs	6		
2	CAT-6 Armored UTP Cable	6		
3	Display Screen- 55" Smart TV, LED-As per the attached Specs	2		
4	UPS 2 KVA (2000VA) Line Interactive UPS	3		
5	NVR 32-Channels- As per the attached specs	4		
6	Core i7 /8Gb /1 TB Computer/Work station	1		
			TOTAL	
			SUB TOTAL	

5TH FLOOR – LAN & CCTV INSTALLATION BILLS OF QUANTITIES (Wing C-40 Data Points)
SCHEDULE OF UNIT RATES - (LAN)

<i>Item</i>	<i>Description</i>	<i>Qty/Unit</i>	<i>Unit Rate (Kshs)</i>	<i>Total</i>
1	24 Port- 10/100/1000 Gigabit POE Managed Switch, 1 RU Rack Height, Power Voltage 100-240V, Capacity 56 Gbps, RAM 512 MB, Flash Memory 256 MB, Mounting Kit included, Combo Ports (RJ-45 + SFP)	1		
2	Indoor Access points- Breakthrough Speeds up to 1300 Mbps in the 2.4-5 GHz Band, PoE Mode 802.3af PoE802.3at PoE, Wi-Fi standards: 802.11 a/b/g/n/r/k/v, Security: WEP, WPA-PSK, WPA-Enterprise (WPA/WPA2, TKIP/, Power Supply: PoE	2		
3	2-Port Single-Gang Shuttered Keystone faceplate-White, RJ 45, ABS UL 94V-0 compliant, Labelling field	25		
4	CAT-6 UTP Jack Module, Conforms to - ANSI/TIA-568-C Category 6 Specification	40		
5	CAT-6 Armored UTP Cable	3 boxes		
6	7 way 19" Rack Mount Horizontal PDU Strip	1		
TOTAL				

1. SCHEDULE OF UNIT RATES - CCTV Surveillance

1	Bullet Camera-As per the attached specs	6		
2	Dome Cameras-As per the attached specs	2		
3	CAT-6 Armored UTP Cable	4 boxes		
4	UPS 2 KVA (2000VA) Line Interactive UPS	1		
				TOTAL
				SUB TOTAL

6TH FLOOR – LAN & CCTV INSTALLATION BILLS OF QUANTITIES (Wing C-40 Data Points)
SCHEDULE OF UNIT RATES - (LAN)

<i>Item</i>	<i>Description</i>	<i>Qty/Unit</i>	<i>Unit Rate (Kshs)</i>	<i>Total</i>
1	24 Port- 10/100/1000 Gigabit POE Managed Switch, 1 RU Rack Height, Power Voltage 100-240V, Capacity 56 Gbps, RAM 512 MB, Flash Memory 256 MB, Mounting Kit included, Combo Ports (RJ-45 + SFP)	1		
2	Indoor Access points- Breakthrough Speeds up to 1300 Mbps in the 2.4-5 GHz Band, PoE Mode 802.3af PoE802.3at PoE, Wi-Fi standards: 802.11 a/b/g/n/r/k/v, Security: WEP, WPA-PSK, WPA-Enterprise (WPA/WPA2, TKIP/, Power Supply: PoE	2		

3	2-Port Single-Gang Shuttered Keystone faceplate-White, RJ 45, ABS UL 94V-0 compliant, Labelling field	25		
4	CAT-6 UTP Jack Module, Conforms to - ANSI/TIA-568-C Category 6 Specification	40		
5	CAT-6 Armored UTP Cable	3 boxes		
6	7 way 19" Rack Mount Horizontal PDU Strip	1		
	TOTAL			
2. SCHEDULE OF UNIT RATES - CCTV Surveillance				
1	Bullet Camera-As per the attached specs	6		
2	Dome Cameras-As per the attached specs	2		
3	CAT-6 Armored UTP Cable	4 boxes		
4	UPS 2 KVA (2000VA) Line Interactive UPS	1		
			TOTAL	
			SUB TOTAL	

7TH FLOOR – LAN & CCTV INSTALLATION BILLS OF QUANTITIES (Wing C-40 Data Points)				
SCHEDULE OF UNIT RATES - (LAN)				
Item	Description	Qty/Unit	Unit Rate (Kshs)	Total
1	24 Port- 10/100/1000 Gigabit POE Managed Switch, 1 RU Rack Height, Power Voltage 100-240V, Capacity 56 Gbps, RAM 512 MB, Flash Memory 256 MB, Mounting Kit included, Combo Ports (RJ-45 + SFP)	1		
2	Indoor Access points- Breakthrough Speeds up to 1300 Mbps in the 2.4-5 GHz Band, PoE Mode 802.3af PoE 802.3at PoE, Wi-Fi standards: 802.11 a/b/g/n/r/k/v, Security: WEP, WPA-PSK, WPA-Enterprise (WPA/WPA2, TKIP/, Power Supply: PoE	2		
3	2-Port Single-Gang Shuttered Keystone faceplate-White, RJ 45, ABS UL 94V-0 compliant, Labelling field	25		
4	CAT-6 UTP Jack Module, Conforms to - ANSI/TIA-568-C Category 6 Specification	40		
5	CAT-6 Armored UTP Cable	3 boxes		
6	7 way 19" Rack Mount Horizontal PDU Strip	1		
	TOTAL			
3. SCHEDULE OF UNIT RATES - CCTV Surveillance				
1	Bullet Camera-As per the attached specs	6		
2	Dome Cameras-As per the attached specs	2		
3	CAT-6 Armored UTP Cable	4 boxes		
4	UPS 2 KVA (2000VA) Line Interactive UPS	1		
			TOTAL	
			SUB TOTAL	

8th Floor Wing "A,B,C" - 98 Data Points				
SCHEDULE OF UNIT RATES - (LAN)				
Item	Description	Qty/Unit	Unit Rate (Kshs)	Total
1	24 Port- 10/100/1000 Gigabit POE Managed Switch, 1 RU Rack Height, Power Voltage 100-240V, Capacity 56 Gbps, RAM 512 MB, Flash Memory 256 MB, Mounting Kit included, Combo Ports (RJ-45 + SFP)	3		
2	Indoor Access points- Breakthrough Speeds up to 1300 Mbps in the 2.4-5 GHz Band, PoE Mode 802.3af PoE802.3at PoE, Wi-Fi standards: 802.11 a/b/g/n/r/k/v, Security: WEP, WPA-PSK, WPA-Enterprise (WPA/WPA2, TKIP/, Power Supply: PoE	6		
3	2-Port Single-Gang Shuttered Keystone faceplate- White, RJ 45, ABS UL 94V-0 compliant, Labelling field	49		
4	CAT-6 UTP Jack Module, Conforms to - ANSI/TIA-568-C Category 6 Specification	98		
5	CAT-6 Armored UTP Cable	16 boxes		
6	RJ-45 CAT-6 Connectors	1,000 pcs		
7	7 way 19" Rack Mount Horizontal PDU Strip	1		
8	50*200mm Metallic Trunking	10 pcs		
			TOTAL	

SCHEDULE OF UNIT RATES - CCTV Surveillance				
Item	Description	Qty/Unit	Unit Rate (Kshs)	Total
1	Bullet Camera-As per the attached specs	18		
2	Dome Cameras-As per the attached specs	8		
3	CAT-6 Armored UTP Cable	10		
4	Display Screen- 55" Smart TV, LED-As per the attached Specs	1		
5	UPS 2 KVA (2000VA) Line Interactive UPS	3		
6	Core i7 /8Gb /1 TB Computer/Work station	1		
			TOTAL	
			SUB TOTAL	

9th Floor Wing "A,B,C" - 98 Data Points				
SCHEDULE OF UNIT RATES - (LAN)				
Item	Description	Qty/Unit	Unit Rate (Kshs)	Total
1	24 Port- 10/100/1000 Gigabit POE Managed Switch,	3		

	1 RU Rack Height, Power Voltage 100-240V, Capacity 56 Gbps, RAM 512 MB, Flash Memory 256 MB, Mounting Kit included, Combo Ports (RJ-45 + SFP)			
2	Indoor Access points- Breakthrough Speeds up to 1300 Mbps in the 2.4-5 GHz Band, PoE Mode 802.3af PoE802.3at PoE, Wi-Fi standards: 802.11 a/b/g/n/r/k/v, Security: WEP, WPA-PSK, WPA-Enterprise (WPA/WPA2, TKIP/, Power Supply: PoE	6		
3	2-Port Single-Gang Shuttered Keystone faceplate-White, RJ 45, ABS UL 94V-0 compliant, Labelling field	49		
4	CAT-6 UTP Jack Module, Conforms to - ANSI/TIA-568-C Category 6 Specification	98		
5	CAT-6 Armored UTP Cable	16 boxes		
6	RJ-45 CAT-6 Connectors	1,000 pcs		
7	7 way 19" Rack Mount Horizontal PDU Strip	1		
8	50*200mm Metallic Trunking	10 pcs		
				TOTAL

SCHEDULE OF UNIT RATES - CCTV Surveillance				
Item	Description	Qty/Unit	Unit Rate (Kshs)	Total
1	Bullet Camera-As per the attached specs	18		
2	Dome Cameras-As per the attached specs	8		
3	CAT-6 Armored UTP Cable	10		
4	Display Screen- 55" Smart TV, LED-As per the attached Specs	1		
5	UPS 2 KVA (2000VA) Line Interactive UPS	3		
				TOTAL
				SUB TOTAL

10TH FLOOR - LAN & CCTV INSTALLATION BILLS OF QUANTITIES (Wing B-40 Data Points)				
SCHEDULE OF UNIT RATES - (LAN)				
Item	Description	Qty/Unit	Unit Rate (Kshs)	Total
1	24 Port- 10/100/1000 Gigabit POE Managed Switch, 1 RU Rack Height, Power Voltage 100-240V, Capacity 56 Gbps, RAM 512 MB, Flash Memory 256 MB, Mounting Kit included, Combo Ports (RJ-45 + SFP)	1		
2	Indoor Access points- Breakthrough Speeds up to 1300 Mbps in the 2.4-5 GHz Band, PoE Mode 802.3af PoE802.3at PoE, Wi-Fi standards: 802.11 a/b/g/n/r/k/v, Security: WEP, WPA-PSK, WPA-Enterprise (WPA/WPA2, TKIP/, Power Supply: PoE	2		
3	2-Port Single-Gang Shuttered Keystone faceplate-White, RJ 45, ABS UL 94V-0 compliant, Labelling field	25		

4	CAT-6 UTP Jack Module, Conforms to - ANSI/TIA-568-C Category 6 Specification	40		
5	CAT-6 Armored UTP Cable	3 boxes		
6	7 way 19" Rack Mount Horizontal PDU Strip	1		
	TOTAL			
1. SCHEDULE OF UNIT RATES - CCTV Surveillance				
1	Bullet Camera-As per the attached specs	6		
2	Dome Cameras-As per the attached specs	2		
3	CAT-6 Armored UTP Cable	4 boxes		
4	UPS 2 KVA (2000VA) Line Interactive UPS	1		
			TOTAL	
			SUB TOTAL	

11TH FLOOR - LAN & CCTV INSTALLATION BILLS OF QUANTITIES (Wing B & C-80 Data Points)				
SCHEDULE OF UNIT RATES - (LAN)				
Item	Description	Qty/Unit	Unit Rate (Kshs)	Total
1	24 Port- 10/100/1000 Gigabit POE Managed Switch, 1 RU Rack Height, Power Voltage 100-240V, Capacity 56 Gbps, RAM 512 MB, Flash Memory 256 MB, Mounting Kit included, Combo Ports (RJ-45 + SFP)	2		
2	Indoor Access points- Breakthrough Speeds up to 1300 Mbps in the 2.4-5 GHz Band, PoE Mode 802.3af PoE 802.3at PoE, Wi-Fi standards: 802.11 a/b/g/n/r/k/v, Security: WEP, WPA-PSK, WPA-Enterprise (WPA/WPA2, TKIP/, Power Supply: PoE	4		
3	2-Port Single-Gang Shuttered Keystone faceplate-White, RJ 45, ABS UL 94V-0 compliant, Labelling field	50		
4	CAT-6 UTP Jack Module, Conforms to - ANSI/TIA-568-C Category 6 Specification	80		
5	CAT-6 Armored UTP Cable	6 boxes		
6	7 way 19" Rack Mount Horizontal PDU Strip	2		
	TOTAL			
1. SCHEDULE OF UNIT RATES - CCTV Surveillance				
1	Bullet Camera-As per the attached specs	12		
2	Dome Cameras-As per the attached specs	4		
3	CAT-6 Armored UTP Cable	8 boxes		
4	UPS 2 KVA (2000VA) Line Interactive UPS	2		
	TOTAL			
			SUB TOTAL	

13TH FLOOR – LAN & CCTV INSTALLATION BILLS OF QUANTITIES (Wing B-40 Data Points)
SCHEDULE OF UNIT RATES - (LAN)

<i>Item</i>	<i>Description</i>	<i>Qty/Unit</i>	<i>Unit Rate (Kshs)</i>	<i>Total</i>
1	24 Port- 10/100/1000 Gigabit POE Managed Switch, 1 RU Rack Height, Power Voltage 100-240V, Capacity 56 Gbps, RAM 512 MB, Flash Memory 256 MB, Mounting Kit included, Combo Ports (RJ-45 + SFP)	1		
2	Indoor Access points- Breakthrough Speeds up to 1300 Mbps in the 2.4-5 GHz Band, PoE Mode 802.3af PoE 802.3at PoE, Wi-Fi standards: 802.11 a/b/g/n/r/k/v, Security: WEP, WPA-PSK, WPA-Enterprise (WPA/WPA2, TKIP/, Power Supply: PoE	2		
3	2-Port Single-Gang Shuttered Keystone faceplate-White, RJ 45, ABS UL 94V-0 compliant, Labelling field	25		
4	CAT-6 UTP Jack Module, Conforms to - ANSI/TIA-568-C Category 6 Specification	40		
5	CAT-6 Armored UTP Cable	3 boxes		
6	7 way 19" Rack Mount Horizontal PDU Strip	1		
TOTAL				

1. SCHEDULE OF UNIT RATES - CCTV Surveillance

1	Bullet Camera-As per the attached specs	6		
2	Dome Cameras-As per the attached specs	2		
3	CAT-6 Armored UTP Cable	4 boxes		
4	UPS 2 KVA (2000VA) Line Interactive UPS	1		
				TOTAL
				SUB TOTAL

TOOLS & EQUIPMENT

1. SCHEDULE OF UNIT RATES - (LAN)

<i>Item</i>	<i>Description</i>	<i>Qty/Unit</i>	<i>Unit Rate (Kshs)</i>	<i>Total</i>
1	50 Pieces Networking toolkit	4		
2	RJ 11 and RJ 45 Cable Testers	3		
3	SK2500C High Definition DVBT Signal Meter	1		
4	300Mbps Wifi Range Extenders	10		

5	Microsoft Windows ,Server 2019 Standard-16 Core License,	1		
6	Safety Reflective Jackets-With Pockets (Branded)	30		
7	RJ-45 connectors	2000		
8	9PC portable hardware tool kit	4		
10	Drill-18V cordless drill	1		
14	Aluminum Ladder	2		
15	Heavy Duty Safety Helmets	10		
	TOTAL			

COSTING SUMMARY

	Item	Cost
1	2 nd Floor (LAN & CCTV)	
2	5 th Floor (LAN & CCTV)	
3	6 TH Floor (LAN & CCTV)	
4	7 TH Floor (LAN & CCTV)	
5	8 TH Floor (LAN & CCTV)	
6	9 th Floor (LAN & CCTV)	
7	10 th Floor (LAN & CCTV)	
8	11 th Floor (LAN & CCTV)	
9	13 th Floor (LAN & CCTV)	
10	Tools & Equipment	
	Total	
11	Labor	
12	VAT	
	GRAND TOTAL	

1. OTHER CONDITIONS

A. Statutory Regulations

The service under this contract shall comply in all respects with any relevant Kenya statutory regulations, by laws and orders.

B. Service Execution

- (i) Within one month of acceptance of the Tender, the Tenderer shall forward to the County Government of Kisumu an update detailing the programme of deployment, starting dates and personnel for the complete execution of the contract for the County's approval.
- (ii) A chart indicating various tasks to be performed to accomplish the service. The Chart will also indicate where the Supplier or the County is responsible for the specific activity.
- (iii) If at any time during the execution of the supply contract it is found necessary to modify the approved chart the Supplier will inform the County and submit to him a modified chart for his approval
- (iv) Termination of Contract
Termination of the contract shall be done by either party giving the other a one month notice or due to a force majeure.

C. Arbitration

- (i) Any dispute arising from the terms of the contract or from its interpretation shall be finally settled in accordance with the Kenya Arbitration Act.

D. Government Duties, Taxes, Dues Etc.

The Supplier shall be liable to pay taxes, customs or other import duties and dues on any part imported in to the Republic of Kenya for the support of the County's services.

2. DELIVERABLES

At the conclusion of the delivery and deployment, County Government of Kisumu requires written summary executive documentation and detailed technical documentation. The documentation should consist of the following:

i) Detailed technical report

A document developed for the use by County Government of Kisumu technical personnel which discusses: the solution configurations, the changes in the infrastructure, recommendations for further improvements, integration with other technologies including but not limited to Network Communication devices and any other relevant information.

ii) Executive summary report

A document developed to summarize the suitability of the solution including benefits, scope, approach, findings and recommendations, in a manner suitable for senior management.

iii) Project Management Approach

Include the method and approach used to manage the overall project and client correspondence. Briefly describe how the engagement proceeds from beginning to end.

3. OTHER CONDITIONS

B. Statutory Regulations

The service under this contract shall comply in all respects with any relevant Kenya statutory regulations, by laws and orders.

E. Service Execution

- (v) Within one month of acceptance of the Tender, the Tenderer shall forward to the County Government of Kisumu an update detailing the programme of deployment, starting dates and personnel for the complete execution of the contract for the

COUNTY's approval.

- (vi) A chart indicating various tasks to be performed to accomplish the service. The Chart will also indicate where the Supplier or the County is responsible for the specific activity.
- (vii) If at any time during the execution of the supply contract it is found necessary to modify the approved chart the Supplier will inform the County and submit to him a modified chart for his approval
- (viii) Termination of Contract
Termination of the contract shall be done by either party giving the other a one month notice or due to a force majeure.

F. Arbitration

- (ii) Any dispute arising from the terms of the contract or from its interpretation shall be finally settled in accordance with the Kenya Arbitration Act.
- (iii) Performance of the contract shall continue during arbitration proceedings unless the county shall order the suspension thereof as of any part thereof, and if any such suspension shall be ordered the reasonable expenses of the Supplier occasioned by such suspension shall be added to the Supplier price. No payments due or payable by the purchaser shall be withheld on account of a pending reference or arbitration

SECTION VI - STANDARD FORMS

Notes on the sample Forms

Form of Tender -The form of tender must be completed by the tenderer and submitted with the tender documents. It must also be duly signed by duly authorized representatives of the tenderer.

Confidential Business Questionnaire Form - This form must be completed by the tenderer and submitted with the tender documents.

Contract Form -The Contract Form shall not be completed by the tenderer at the time of submitting the tender. The Contract Form shall be completed after contract award and should incorporate the accepted contract price.

Letter of Notification of Award - Letter of Notification of Award shall not be completed by the tenderer at the time of submitting the tender. Letter of Notification of Award shall be completed after contract award and should incorporate the accepted contract price.

FORM RB 1 - FORM RB 1 shall not be completed by the tenderer at the time of submitting the tender. The FORM RB 1 shall be used by the bidders in case of appeal.

FORM OF TENDER

To: _____

Date _____
Tender No. _____

[name and address of procuring entity]

Gentlemen and/or Ladies:

1. Having examined the tender documents including Addenda Nos. *[insert Tender number]*. the receipt of which is hereby duly acknowledged, we, the undersigned, offer to supply, deliver, install and commission (

.....

.....
(insert Tender Name) in conformity with the said tender documents for the sum of

.....

.....
(total tender amount in words and figures) or such other sums as may be ascertained in accordance with the Schedule of Prices attached herewith and made part of this Tender.

2. We undertake, if our Tender is accepted, to deliver install and commission the equipment in accordance with the delivery schedule specified in the Schedule of Requirements.

3. If our Tender is accepted, we will obtain the guarantee of a bank in a sum of equivalent to _____ percent of the Contract Price for the due performance of the Contract , in the form prescribed by
.....(*Procuring entity*).

4. We agree to abide by this Tender for a period of *[number]* days from the date fixed for tender opening of the Instructions to tenderers, and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

5. This Tender, together with your written acceptance thereof and your notification of award, shall constitute a Contract, between us. Subject to signing of the Contract by the parties.

6. We understand that you are not bound to accept the lowest or any tender you may receive.

Dated this _____ day of _____ 20 _____

[signature]

[in the capacity of]

Duly authorized to sign tender for an on behalf of _____

CONFIDENTIAL BUSINESS QUESTIONNAIRE FORM

You are requested to give the particulars indicated in Part 1 and either Part 2(a), 2(b) or 2 (c) whichever applied to your type of business You are advised that it is a serious offence to give false information on this form

<i>Part 1 – General:</i>	
Business Name	
Location of business premises.	
Plot No..... Street/Road	
Postal Address Tel No. Fax E mail	
Nature of Business	
Registration Certificate No.	
Maximum value of business which you can handle at any one time – Kshs.	
Name of your bankers Branch	

	Part 2 (a) – Sole Proprietor
Your name in full	Age
Nationality	Country of origin.....
	• Citizenship details
	Part 2 (b) Partnership
Given details of partners as follows:	
Name	Nationality
	Citizenship Details
	Shares
1.	
2.	
3.	
4.	
	Part 2 (c) – Registered Company
Private or Public	
State the nominal and issued capital of company-	
Nominal Kshs.	
Issued Kshs.	
Given details of all directors as follows	
Name	Nationality
	Citizenship Details
	Shares
1.....	
2.	
3.	
4.	
5.	
Date	Signature of Candidate

- If a Kenya Citizen, indicate under “Citizenship Details” whether by Birth, Naturalization or registration.

FORM OF TENDER SECURITY

WHEREAS..... (hereinafter called "the Tenderer") has submitted his tender dated.....for

KNOW ALL PEOPLE by these presents that WE,

.....
Having our registered office at

.....
(hereinafter called "the county"), are bound unto COUNTY GOVERNMENT OF KISUMU(hereinafter called "the employer") in the sum of KShs

.....
Kenya Shillings.....

.....(in words), for which payment well and truly to be made to the said Employer, the county binds itself, its successors and assigns by these presents, sealed with the Common Seal of the said Bank this.....day of2011

THE CONDITIONS of this obligation are:

- 1. If after tender opening the Tenderer withdraws his tender during the period of tender validity specified in the instructions to Tenderers
OR
- 2. If the Tenderer, having been notified of the acceptance of his tender by the Employer during the period of tender validity:
 - a) fails or refuses to execute the form of Agreement in accordance with the Instructions to Tenderers, if required; or
 - b) fails or refuses to furnish the Performance Security, in accordance with the Instructions to Tenderers;

We undertake to pay to the Employer up to the above amount upon receipt of his first written demand, without the Employer having to substantiate his demand, provided that in his demand the Employer will note that the amount claimed by him is due to him, owing to the occurrence of one or both of the two conditions, specifying the occurred condition or conditions.

This guarantee will remain in force up to and including thirty (30) days after the period of tender validity, and any demand in respect thereof should reach the County not later than the said date.

(Date)
_____(Witness)

Signature of the County)
_____(Seal)

CONTRACT FORM

THIS AGREEMENT made the _____ day of _____ 20_____
between [*name of Procurement entity*] of [*country of Procurement entity*] (hereinafter called "the Procuring entity) of the one part and [*name of tenderer*] of [*city and country of tenderer*] (hereinafter called "the tenderer") of the other part;
WHEREAS the Procuring entity invited tenders for certain goods] and has accepted a tender by the tenderer for the supply of those goods in the sum of [*contract price in words and figures*] (hereinafter called "the Contract Price).

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to:

2. The following documents shall be deemed to form and be read and construed as part of this Agreement viz:

- (a) the Tender Form and the Price Schedule submitted by the tenderer
- (b) the Schedule of Requirements
- (c) the Technical Specifications
- (d) the General Conditions of Contract
- (e) the Special Conditions of contract; and
- (f) the Procuring Entity's Notification of Award

3. In consideration of the payments to be made by the Procuring entity to the tenderer as hereinafter mentioned, the tender hereby covenants with the Procuring entity to provide the goods and to remedy defects therein in conformity in all respects with the provisions of the Contract

4. The Procuring entity hereby covenants to pay the tenderer in consideration of the provisions of the goods and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with their respective laws the day and year first above written.

Signed, sealed, delivered by _____ the _____ (for the Procuring entity)

Signed, sealed, delivered by _____ the _____ (for the tenderer in the presence of _____)

LETTER OF NOTIFICATION OF AWARD

Address of Procuring Entity

To: _____

RE: Tender No. _____

Tender Name _____

This is to notify that the contract/s stated below under the above mentioned tender have been awarded to you.

1. Please acknowledge receipt of this letter of notification signifying your acceptance.
2. The contract/contracts shall be signed by the parties within 30 days of the date of this letter but not earlier than 14 days from the date of the letter.
3. You may contact the officer(s) whose particulars appear below on the subject matter of this letter of notification of award.

(FULL PARTICULARS) _____

SIGNED FOR ACCOUNTING OFFICER

FORM RB 1

REPUBLIC OF KENYA

PUBLIC PROCUREMENT ADMINISTRATIVE REVIEW BOARD

APPLICATION NO..... OF20.....

BETWEEN

.....

..... APPLICANT

AND

.....RESPONDENT (*Procuring Entity*)

Request for review of the decision of the..... (*Name of the Procuring Entity*) of
.....dated the...day of20.....in the matter of Tender No.....of
.....20...

REQUEST FOR REVIEW

I/We....., the above named Applicant(s), of address: Physical
address..... Fax No.....Tel. No.....Email, hereby request the Public
Procurement Administrative Review Board to review the whole/part of the above
mentioned decision on the following grounds, namely: -

- 1.
- 2.
- etc.

By this memorandum, the Applicant requests the Board for an order/orders that: -

- 1.
- 2.
- etc

SIGNED (Applicant) Dated on..... day of/...20...

FOR OFFICIAL USE ONLY

Lodged with the Secretary Public Procurement Administrative Review Board
on day of20.....SIGNED Board Secretary

INTEGRITY DECLARATION

I/We/Messrs.' of
Street/Avenue, Building, P.O. BoxCode, of..... (Town) ...
(Nationality), Phone..... E-mail declare that Public
Procurement is based on a free and fair competitive tendering process which should
not be open to abuse.

I/We declare
that I/We will not offer or facilitate,
directly or indirectly, any inducement or reward to any public officer, their relations
or business associates, pursuant to Section 62 of the Public Procurement & Asset
Disposal Act, 2015, in connection with

Tender name:

Tender No.

For/or in the subsequent performance of the contract if I/We am/are successful.

Dated this Day of..... 20.....

Authorized Signature..... Official Stamp

Name and Title of
Signatory.....

NON-DEBARMENT STATEMENT

I/We/Messrs..... of..... Street/ Avenue,
Building, P. O. BoxCode, of (Town), (Nationality),
Phone..... E-mail declare that I/We /Messrs
..... are not debarred from participating in public
procurement by the Public Procurement Oversight Authority pursuant to pursuant to
Section 62 of the Public Procurement & Asset Disposal Act, 2015

Dated this Day of 20.....

Authorized Signature..... Official Stamp

**Name and Title of
Signatory**

REPUBLIC OF KENYA



COUNTY GOVERNMENT OF KISUMU

CERTIFICATE OF BIDDER'S PRE-SITE VISIT

This is to certify that, _____ (*Name of bidder or his representative*)

Name of the firm of, _____ (*Name of Firm bidding*)

In the company of, _____ (*Name of CGK representative conducting the pre-site visit*)

Visited the site in connection with Bid for; Supply, Delivery, Testing And Commissioning Of Structured Lan (Data And Voice) & CCTV Surveillance At The County Headquarters.

Having previously studied the Contract documents, I carefully examined the site.

1. I have made myself familiar with all the local conditions likely to influence the works, cost thereof and I am fully aware that all work will be done while the areas remain in use.
2. I further certify that I am satisfied with the description of the work and the explanations given by the Client's representative and that I understand perfectly the work to be done as specified and implied in the execution of the contract.

On behalf of Tenderer or Representative

Signed: _____

Date: _____

On behalf of County Government of Kisumu

Signed: _____

Date: _____

