



**KIBABII UNIVERSITY**  
**P.O BOX 1699-50200, BUNGOMA KENYA**  
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**TENDER FOR SUPPLY AND INSTALLATION OF VIDEO  
CONFERENCING, FORENSIC AND MOBILE COMPUTING LABS  
EQUIPMENT  
FINANCIAL YEAR 2018/2019**

**Tender No. KIBU/02/2018-2019**

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## SECTION I - INVITATION TO TENDER

DATE \_\_\_\_\_

**TENDER REF NO:** KIBU/02/2018-2019

**TENDER NAME: SUPPLY AND INSTALLATION OF VIDEO  
CONFERENCING, FORENSIC AND MOBILE  
COMPUTING LABS EQUIPMENT**

1.1 Kibabii University invites sealed bids from eligible candidates as follows:

<b>S/ No</b>	<b>Tender Number</b>	<b>Tender Description</b>	<b>Eligibility</b>	<b>Tender Security</b>	<b>Tender Closing Date</b>
1	KIBU/02/2018-2019	Supply and Installation of Video Conferencing, Forensic and mobile computing Labs Equipment	Open to registered ICT Equipment suppliers	2% of Tender Sum	17/04/19

1.2 A complete set of tender documents may be inspected or obtained by interested candidates from Kibabii University's Procurement office during working hours from 8:00 am to 5:00 pm from Monday to Friday, or by downloading forms from the Kibabii University website ([www.kibu.ac.ke](http://www.kibu.ac.ke)) or the IFMIS supplier portal (<http://supplier.treasury.go.ke>) free of charge. Applicants who will download the tender documents shall immediately email their contacts details and tender number to [procurement@kibu.ac.ke](mailto:procurement@kibu.ac.ke)

1.3 The Tender Security shall be at 2% of the Tender Price.

1.4 Prices quoted should be inclusive of all Taxes and Delivery costs, must be expressed in Kenya shillings and shall remain valid for a period of 120days from closing date of the Tender,

1.5 Completed Tender Documents are to be enclosed in plain sealed envelopes, marked with the **Tender. No. KIBU/02/2018-2019** and be deposited in the Tender Box at the Administration Block, Main Campus OR send by registered mail to be received on or before the tender closing time. Bulky tenders which do not fit the tender box shall be registered at the Vice Chancellor's Office on 1<sup>st</sup> floor of the Administration Block, all should be addressed to:

1.6

**The Vice Chancellor,  
Kibabii University,  
P.O Box 16699-50200 BUNGOMA.**

So as to be received on or before **Wednesday, 17<sup>th</sup> April, 2019 at 10.00 AM**

**NOTE:**

- i. Tenderer/bidders must *serialize/number* all the pages and copies of documents attached and indicate the documents submitted on their own attached table of contents.
- ii. All attachments shall be from the last page of this document, starting with the tenderer table of contents and all pages.
- iii. Tenders shall not have interlineations, erasures, or overwriting, Paragraph 2.16.3

Tenders will be opened immediately thereafter in the presence of the candidates representatives who choose to attend at **Kibabii University Senate boardroom**

**FORM OF TENDER**

To: The Vice Chancellor,  
Kibabii University,  
P.O.Box1699-50200  
**Bungoma**

Date.....  
Tender No.....

Dear Sir:

**Supply and Installation of ICT Items and Equipment's**

1. Having examined the tender documents including Addenda Nos. .... *[insert numbers]*.the receipt of which is hereby duly acknowledged, we, the undersigned, offer to Supply and Install Video Conferencing, Forensic and mobile computing Labs Equipment in conformity with the said tender documents for the sum of Kshs.....*[Amount in figures]*

Kenya Shillings.....  
..... *[Amount in words]*  
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 Supply and Install, ICT Items and Equipment's 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 Kibabii University.

4. We agree to a bid 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 \_\_\_\_\_ 2019

\_\_\_\_\_  
[Signature]

\_\_\_\_\_  
[In the capacity of]

Duly authorized to sign tender for an on behalf of \_\_\_\_\_ Procurement Officer, (for: Vice Chancellor, Kibabii University)

## SECTION II - INSTRUCTIONS TO TENDERERS

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## **SECTION II - INSTRUCTIONS TO TENDERERS**

### **2.1 Eligible Tenderers**

- 2.1.1 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 VI.
- 2.1.2 Kibabii University's employees, committee members, board members and their relative (spouse and children) are not eligible to participate in the tender. Unless where allowed under section 131 of the Act.
- 2.1.3 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.
- 2.1.4 Tenderers shall not be under a declaration of ineligibility for corrupt and fraudulent practices.

### **2.2 Eligible Goods**

- 2.2.1 All goods to be supplied under the contract shall have their origin in eligible source countries.
- 2.2.2 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
- 2.2.3 The origin of goods is distinct from the nationality of the tenderer.

### **2.3 Cost of Tendering**

- 2.3.1 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.
- 2.3.2 The price to be charged for the tender document shall not exceed Kshs.1,000/=
- 2.3.3 All firms found capable of performing the contract satisfactorily in accordance with the set prequalification criteria shall be prequalified.

## 2.4. **The Tender Document**

2.4.1 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) Technical Specifications
- (vii) Tender Form and Price Schedules
- (viii) Tender Security Form
- (ix) Contract Form
- (x) Performance Security Form
- (xi) Bank Guarantee for Advance Payment Form
- (xii) Manufacturer's Authorization Form
- (xiii) Confidential Business Questionnaire

2.4.2 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.

## 2.5 **Clarification of Documents**

2.5.1 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.

2.5.2 Kibabii University 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.

## 2.6 **Amendment of Documents**

2.6.1 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.

- 2.6.2 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.
- 2.6.3 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.

## **2.7 Language of Tender**

- 2.7.1 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.

## **2.8 Documents Comprising of Tender**

- 2.8.1 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

## **2.9 Tender Forms**

- 2.9.1 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.

## **2.10 Tender Prices**

- 2.10.1 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
- 2.10.2 Prices indicated on the Price Schedule shall include all costs including taxes, insurances and delivery to the premises of the entity.
- 2.10.3 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

## **2.11 Tender Currencies**

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

## **2.12 Tenderers Eligibility and Qualifications**

2.12.1 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.

2.12.2 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

2.12.3 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.

## **2.13 Goods Eligibility and Conformity to Tender Documents**

2.13.1 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

2.13.2 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.

2.13.3 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.

2.13.4 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 ensure substantial equivalence to those designated in the Technical Specifications.

## **2.14 Tender Security**

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

2.14.2 The tender security shall be in the amount of 2 per cent of the tender price.

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

2.14.4 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.

2.14.5 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

2.14.6 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.

2.14.7 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

2.14.8 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

## 2.15 **Validity of Tenders**

2.15.1 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.

2.15.2 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.

## 2.16 **Format and Signing of Tender**

2.16.1 The Procuring entity shall prepare two copies of the tender, clearly marking each "ORIGINAL TENDER" and "COPY OF TENDER," as appropriate. In the event of any discrepancy between them, the original shall govern.

2.16.2 The original and all copies of the tender shall be typed or written in indelible ink 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 unlamented printed literature, shall be initialed by the person or persons signing the tender.

2.16.3 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.

## 2.17 **Sealing and Marking of Tenders**

2.17.1 The Tenderer shall seal the original and each copy of the tender in separate envelopes, duly marking the envelopes as "ORIGINAL" and "COPY." The envelopes shall then be sealed in an outer envelope.

- 2.17.2 The inner and outer envelopes shall:  
(a) (a) be addressed to Be addressed to:

**The Vice Chancellor  
Kibabii University  
P.O Box 1699- 50200  
Bungoma.**

- (b) Bear, tender number and name in the Invitation for Tenders and the words, “DO NOT OPEN BEFORE,” **Wednesday, 17<sup>th</sup> April, 2019 at 10.00AM**

2.17.3 The inner envelopes shall also indicate the name and address of the tenderer to enable the tender to be returned unopened in case it is declared “late”.

2.17.4 If the outer envelope is not sealed and marked as required by paragraph 2.17.2, the Procuring entity will assume no responsibility for the tender’s misplacement or premature opening.

## **2.18 Deadline for Submission of Tenders**

Tenders must be received by the Procuring entity at the address specified under paragraph 2.17.2 no later than **Wednesday, 17<sup>th</sup> April, 2019 at 10.00AM**

2.18.1 Bulky tenders which will not fit the tender box shall be received by the procuring entity at the Vice Chancellor Office on 1st floor of the Administration Block.

2.18.2 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

## **2.19 Modification and Withdrawal of Tenders**

2.19.1 The tenderer may modify or withdraw its tender after the tender’s submission, provided that written notice of the modification, including substitution or withdrawal of the tenders, is received by the Procuring Entity prior to the deadline prescribed for submission of tenders.

2.19.2 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 not later than the deadline for submission of tenders.

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

- 2.19.4 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
- 2.19.5 Kibabii University may at any time terminate procurement proceedings before contract award and shall not be liable to any person for the termination.
- 2.19.6 Kibabii University 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.

## **2.20 Opening of Tenders**

- 2.18.1 The Procuring entity will open all tenders in the presence of Tenderers' representatives who choose to attend, on **Wednesday, 17<sup>th</sup> April, 2019 at 10am** and in **Senate Boardroom** as specified in the invitation for tenders. The Tenderers' representatives who are present shall sign a register evidencing their attendance
- 2.20.1 The tenderers' names, tender modifications or withdrawals, tender prices, discounts and the presence or absence of requisite tender security and such other details as Kibabii University, at its discretion, may consider appropriate, will be announced at the opening.
- 2.20.2 Kibabii University will prepare minutes of the tender opening.

## **2.21 Clarification of Tenders**

- 2.21.1 To assist in the examination, evaluation and comparison of tenders Kibabii University 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.
- 2.21.2 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.

## **2.22 Preliminary Examination**

- 2.22.1 Kibabii University 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.

- 2.22.2 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
- 2.22.3 Kibabii University 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.
- 2.22.4 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.
- 2.22.5 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.

## **2.23 Conversion to Single Currency**

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

## **2.24 Evaluation and Comparison of Tenders**

- 2.24.1 Kibabii University will evaluate and compare the tenders which have been determined to be substantially responsive, pursuant to paragraph 2.22
- 2.24.2 The tender evaluation committee shall evaluate the tender within 30 days of the validity period from the date of opening the tender.
- 2.24.3 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.

## **2.25 Preference**

- 2.25.1 Preference where allowed in the evaluation of tenders shall not exceed 15%

## **2.26 Contacting the Procuring entity**

2.26.1 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.

2.26.2 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.

## **2.27 Award of Contract**

### **(a) Post-qualification**

2.27.1 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.

2.27.2 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.

2.27.3 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**

2.27.4 Kibabii University 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**

2.27.5 Kibabii University 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 condition

### **Procuring entity's Right to accept or Reject any or All Tenders**

2.27.6 Kibabii University 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

## **2.28 Notification of Award**

- 2.28.1 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.
- 2.28.2 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
- 2.28.3 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

## **2.29 Signing of Contract**

- 2.29.1 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.
- 2.29.2 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.
- 2.29.3 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.

## **2.30 Performance Security**

- 2.30.1 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.
- 2.30.2 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.

## **2.31 Corrupt or Fraudulent Practices**

- 2.31.1 Kibabii University 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 any thing 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;
- 2.31.2 Kibabii University 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.
- 2.31.3 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

<b>INSTRUCTIONS TO TENDERERS REFERENCE</b>	<b>PARTICULARS OF APPENDIX TO INSTRUCTIONS TO TENDERS</b>
2.1.1	Open to registered ICT equipment and item supplier
2.14.1	The Tender Security shall be 2% of the Tender Sum.
2.18.	<b>Wednesday, 17<sup>th</sup> April, 2019 at 10.00AM</b>
2.29.1	Applicable: performance security should be 5% of the contract price
2.12.4	Tender Security shall be in Kenya shillings and in form of a bank guarantee from a bank licensed to operate in Kenya.

**SECTION III: GENERAL CONDITIONS OF CONTRACT**

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## **SECTION III - GENERAL CONDITIONS OF CONTRACT**

### **3.1 Definitions**

3.1.1 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.

### **3.2 Application**

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

### **3.3 Country of Origin**

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

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

### **3.4 Standards**

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

### **3.5 Use of Contract Documents and Information**

3.5.1 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.

- 3.5.2 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
- 3.5.3 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
- 3.6 Patent Rights**
- 3.6.1 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
- 3.7 Performance Security**
- 3.7.1 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.
- 3.7.2 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.
- 3.7.3 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.
- 3.7.4 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
- 3.8 Inspection and Tests**
- 3.8.1 Kibabii University 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.
- 3.8.2 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.

- 3.8.3 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.
- 3.8.4 Kibabii University'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.
- 3.8.5 Nothing in paragraph 3.8 shall in any way release the tenderer from any warranty or other obligations under this Contract.

### 3.9 **Packing**

- 3.9.1 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.
- 3.9.2 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

### 3.10 **Delivery and Documents**

- 3.10.1 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

### 3.11 **Insurance**

- 3.11.1 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.

### 3.12 **Payment**

- 3.12.1 The method and conditions of payment to be made to the tenderer under this Contract shall be specified in Special Conditions of Contract
- 3.12.2 Payments shall be made promptly by the Procuring entity as specified in the contract

### 3.13 **Prices**

- 3.13.1 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.

- 3.13.2 Contract price variations shall not be allowed for contracts not exceeding one year (12 months)
- 3.13.3 Where contract price variation is allowed, the variation shall not exceed 10% of the original contract price.
- 3.13.4 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

### **3.15 Subcontracts**

- 3.15.1 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

### **3.16 Termination for default**

- 3.16.1 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

- 3.16.2 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.

### **3.17 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.

### **3.18 Resolution of Disputes**

- 3.18.1 Kibabii University 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
- 3.18.2 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.

### **3.19 Language and Law**

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

### **3.20 Force Majeure**

- 3.20.1 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**

### **Notes on Special Conditions of Contract**

The clauses in this section are intended to assist the procuring entity in providing contract-specific information in relation to corresponding clauses in the General Conditions of Contract.

The provisions of Section IV complement the General Conditions of Contract included in Section III, specifying contractual requirements linked to the special circumstances of the procuring entity and the goods being procured. In preparing Section IV, the following aspects should be taken into consideration.

- (a) Information that complement provisions of Section III must be incorporated and
- (b) Amendments and/or supplements to provisions of Section III, as necessitated by the circumstances of the goods being procured must also be incorporated.

**SECTION IV - SPECIAL CONDITIONS OF CONTRACT**

4.1. 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.

42. Special conditions of contract as relates to the GCC

<b>REFERENCE OF GCC</b>	<b>SPECIAL CONDITIONS OF CONTRACT</b>
3.7.1 Performance security	Applicable: performance security should be 5% of the contract price.
3.12.1 Payment	Invoice shall be delivered to the Project Manager for processing 14 days after delivery of service. Within 60 days after submission of invoice upon delivery and installation

## **SECTION V - TECHNICAL SPECIFICATIONS**

### **5.1 General**

- 5.1.1 These specifications describe the requirements for goods. Tenderers are requested to submit with their offers the detailed specifications, drawings, catalogues, etc for the products they intend to supply
- 5.1.2 Tenderers must indicate on the specifications sheets whether the equipment offered comply with each specified requirement.
- 5.1.3 All the dimensions and capacities of the equipment to be supplied shall not be less than those required in these specifications. Deviations from the basic requirements, if any shall be explained in detail in writing with the offer, with supporting data such as calculation sheets, etc. The procuring entity reserves the right to reject the products, if such deviations shall be found critical to the use and operation of the products.
- 5.1.4 The tenderers are requested to present information along with their offers as follows:
- (i) Shortest possible delivery period of each product
  - (ii) Information on proper representative and/or workshop for back-up service/repair and maintenance including their names and addresses.

**PARTICULARS FOR SUPPLYING, INSTALLING, TESTING AND  
COMMISIONING AND USER TRAINING OF THE FORENSIC LABORATORY**

	Description	Country of origin	QTY	Unit price	Total Price	Unit price of other incidental service
1	<p><b>Momentum T1000 digital forensic DF Workstation:</b></p> <ul style="list-style-type: none"> <li>• Momentum Black Silent Full Tower Case: EATX, 11 Slots, No PSU, Plastic/Steel</li> <li>• Choice of Forensics Bridge * see information above</li> <li>• 1300W Power Supply: Modular Cables, 80 PLUS® Gold, ATX12V 2.3 EPS12V 2.92, 8x 8/6-pin PCIe</li> <li>• Motherboard: LGA2011, Intel® X99, DDR3-2400 (O.C.) 64GB/8, PCIe x16 SLI CF /4+1*, SATA 6Gb/s RAID 5 /4, 3Gb/s /4, USB 3.0/8, HDA, BT, GbLAN, EATX</li> <li>• INTEL Core i7 SIX-Core: 3.6 - 3.8GHz TB, LGA2011, 10MB L3 Cache, HT EM64T EIST VT-x VT-d XD, 32nm, 130W</li> <li>• CPU Cooling Fan: Socket 2011/1155/1156/1366/775/FM1/AM3/AM2</li> <li>• 64GB (4 x 16GB): PC3-12800 DDR3 1600MHz CL10 (10-10-10-27) 1.5V SDRAM DIMM, Non-ECC</li> <li>• Dual Video Card: 810MHz, 4GB GDDR5 4008MHz, PCIe x16 SLI, 2x DVI + mini-HDMI</li> <li>• OS Drive: 512GB SSD, 550/510 MB/s, 2.5-Inch with 3.5-Inch Bracket, SATA 6 Gb/s</li> <li>• Temp Drives: 512GB SSD, 550/510 MB/s, 2.5-Inch with 3.5-Inch Bracket, SATA 6 Gb/s</li> <li>• Data Drive: SEAGATE 2TB Constellation, SATA 6 Gb/s, 7200 RPM, 64MB Cache</li> <li>• Data Drives: 5 x SEAGATE 4TB Constellation™ ES.2, SAS 6 Gb/s, 7200 RPM, 64MB cache, 3.5-Inch (20TB RAID 5)</li> <li>• Hot Swap Drive Bay: SATA Multi-HDD Hot Swap Module, 2x 2.5-inch HDD, 1x 3.5-inch Tray-less Bay</li> <li>• Disk Burner: 10x/16x/48x BD/DVD±RW/CD-RW Blu-Ray Disc™ Combo Drive, M-Disc, SATA, with Software, Black</li> <li>• SAS/SATA II RAID Controller: 4/8/24 ports, Levels 0/1/5/10, PCIe x4, Full-Height/Low-Profile</li> </ul>		1			

	<ul style="list-style-type: none"> <li>• Dual-Port Server Adapter: 10/100/1000 Mbps, PCIe x4, Full-Height/Low-Profile</li> <li>• 2 x Black Wide Screen LCD Monitor: 22" TFT Full HD LED, 1920x1080, 0.248mm, 250cd/m<sup>2</sup>, 5ms, VGA/DVI/HDMI, VESA, with Speakers</li> <li>• Keyboard &amp; Mouse: MICROSOFT Wireless Desktop, 2.4 GHz RF Wireless, 1000 dpi, Black, USB</li> <li>• Operating System: MICROSOFT Windows 10 PRO 64-bit Edition</li> <li>• Mighty 8 port power supply extension</li> </ul> <p>One (1) year warranty</p>					
2	<p>Write blockers- Ultra kit III: •TX1 Forensic Imager Kit (D6280)</p> <ul style="list-style-type: none"> <li>•UltraKit v4.1 (W3007)</li> <li>•Ultra Block PCIe (W2005)</li> <li>•UltraBlock Forensic Card Reader (W2525)</li> <li>•PCIe SSD Card Adapter (TDA7-1)</li> <li>•PCIe M.2 SSD Adapter (TDA7-2)</li> <li>•PCIe Apple Mac Adapter (TDA7-3)</li> <li>•PCIe to IDE Adapter (A1520)</li> <li>•4" PCIe Cable</li> <li>•Two Ultra Block Power Supplies (X1000)</li> <li>•3M to Molex Power Cable (C5001)</li> <li>•IDE Cable 8" (C5100)</li> <li>•IDE Cable 2" (C5150)</li> <li>•3M and SAS Signal + Power Cable (C5002)</li> <li>•SATA Data Cable (TC3-8)</li> <li>•FireWire800 Cable, 9p to 9p (C2500)</li> <li>•FireWire800 Cable Adapter 4p-9p (A3100)</li> <li>•FireWire800 Cable Adapter 6p-9p (A3200)</li> <li>•USB-A to 5-pin Mini-B (C1000)</li> <li>•2.5" IDE HDD Adapter (C1002)</li> <li>•1.8" IDE HDD Adapter (A4100)</li> <li>•ZIF HDD Adapter (A4200)</li> <li>•MicroSATA Adapter (A4300)</li> <li>•LIF Adapter (A4700)</li> <li>•Blade SSD Adapter (A4800)</li> </ul> <p>Warranty</p>		1			
3	<p><b>Biometric collection kit:</b> • CAMO BAG</p> <ul style="list-style-type: none"> <li>•postmortem cardholder</li> <li>•postmortem fingerprint cards 20r/20l</li> <li>•10 x criminal fingerprint cards</li> <li>•hinged print lifters, white 2" x 4"</li> <li>•hinged print lifters, black 2" x 4"</li> <li>•20 x backing card, white, 3" x 5"</li> <li>•20 x backing card, black, 3" x 5"</li> <li>•white fingerprint powder, 2 oz.</li> </ul>		2			

	<ul style="list-style-type: none"> <li>•silver/black fingerprint powder, 2 oz.</li> <li>•2 x semi-inkless fingerprint pad</li> <li>•semi-inkless fingerprint pad</li> <li>•bureau reference scale 1 6” and 1 6” x 3” rev scales</li> <li>•adhesive backed photo scale pack, white/black, 50/pk</li> <li>•sharpie marker, black -twin tip</li> <li>•transparent latent print lifting tap, 2” x 360”</li> <li>•15 x evidence bags, plastic, 9” x 12”</li> <li>•10 x glove, nitrile – large</li> <li>•4 x fiberglass brush, 6” whisper</li> <li>•vinyl tape measure</li> <li>•Camera - Nikon Coolpix</li> </ul> <p>One (1) year warranty</p>					
4	<p>Elite EL1003 detection kit: • 10 x EL100 Detection Cards</p> <ul style="list-style-type: none"> <li>•1 x Battery powered heater and charger</li> <li>•1 x Heating Jig</li> <li>•1 x Zippo Lighter (for use with Heating Jig)</li> <li>•1 x Pocket Field Guide</li> <li>•1 x Belt-Mounted Pouch</li> </ul>		2			
5	<p><b>EnCase forensic software:</b> The base (perpetual) license and the first year of SMS (24/7 Software Maintenance and Support).</p>		1			
6	<p><b>VPER (Versatile preservation and Examination response Kit:</b></p> <ul style="list-style-type: none"> <li>•FREDL laptop:</li> <li>•Motherboard Chipset: Intel Z370 Express Chipset Motherboard</li> <li>•OS: Windows 10 Pro 64-bit[T0018]</li> <li>•CPU: i7-8700K 6 Core 3.7GHz (4.7 Turbo),12MB[T1445]</li> <li>•RAM: 64GB PC4-19200 DDRA 2400 [T2417]</li> <li>•OS Drive: [T3044]-1 TB M.2 NVMe PCIe Solid State Drive- Pro Series</li> <li>•Drive 2 - Internal PCIe M.2 SSD: [T3072]-1 TB M.2 NVMe PCIe solid State Drive- Pro Series</li> <li>•forensic write blockers</li> <li>•TD2u forensic duplicator and all the cables &amp; adapters</li> </ul>		1			
7	<p><b>FREDL (Forensic recovery of evidence device)</b></p> <ul style="list-style-type: none"> <li>•Motherboard Chipset: Intel Z370 Express Chipset Motherboard</li> <li>•OS: Windows 10 Pro 64-bit [T0018]</li> <li>•CPU: i7-8700 6 Core 3.2GHz (4.6 Turbo), 12MB [T1705]</li> <li>•RAM: 16GB PC4-17000 DDR4 2133 MHz</li> </ul>		2			

	<p>[T2703]</p> <ul style="list-style-type: none"> <li>•OS Drive: [T3044]- 1TB M.2 NVMe PCIe Solid State - Pro Series</li> <li>•Drive 3 - SATA Interface: 1TB SATA Solid State Drive -Pro Series [T3078]</li> <li>•Drive 7 - USB 3.1 Interface: 2 TB 7200 rpm SATA Hard Drive [T3095]</li> </ul>					
8	<p><b>MOMEMENTUM ST15-6- Storage Tower</b></p> <p><b>Includes:</b></p> <ul style="list-style-type: none"> <li>• 15-Bay 60 TB 6G SAS Enclosure</li> <li>• Scalable up to 240 SATA/SAS Drives</li> <li>• SFF-8088 Multilane Connectors</li> <li>• (15) Hot-Swap trays with key-lock and pull-tab</li> <li>• (15) 4 TB Serial ATA HD 7200/64MB/SATA-6Gbps</li> <li>• 300 watt power supply</li> <li>• (5) 80mm cooling fans</li> </ul> <p>High Point RAID Management Suite</p> <ul style="list-style-type: none"> <li>• High Point PCIe SAS Controller Card</li> <li>• RAID level support for 0, 1, 5, 10, 50, 60</li> <li>• Automatic RAID rebuild feature</li> <li>• Monitoring and alert system</li> <li>• Secure and intuitive web-based RAID Management</li> </ul>		1			
9	<p><b>SPY PEN:</b> Made of high quality and durable material</p> <ol style="list-style-type: none"> <li>2. High sensitivity microphone</li> <li>3. Long time voice recording</li> <li>4. It can be used as a normal pen with elegant appearance and fluent writing</li> <li>5. Allows you to easily set time and date</li> <li>6. Supports Micro SD card (Memory card NOT included)</li> </ol> <p>Specifications:</p> <ol style="list-style-type: none"> <li>1. Video Formats: AVI</li> <li>2. Video coding: M-JPEG</li> <li>3. Video resolution: 720 x 480 VGA</li> <li>4. Photo JPG Format 1280 x 1024</li> <li>5. Video frame rate: 30fps</li> <li>6. The ratio of image: 4:3</li> <li>7. Charging voltage: DC-5V</li> <li>8. Battery Type: High-capacity lithium polymer</li> <li>9. Memory Card Included</li> </ol>		3			
10	<p><b>SPY HD White eye Glass Camera:</b> 720P HD video, 5 mega pixels CMOS camera for clear digital video recording.</p> <ol style="list-style-type: none"> <li>2. Brilliant and rich natural colors, high quality</li> </ol>		4			

	video images. 3. Easy connection with PC/Laptops, no driver needed. 4. Support TF Card, Up to 32GB 5. Resolution: 1280 x 720 6. Power Supply: Embedded 280mAh li polymer battery 7. Memory Card Included					
11	<b>All Clock WIFI Camera:</b> Works with WiFi 2. Works with Android/iOS phones 3. 3.0 mega pixel CMOS 4. Resolution1080P 5. Video format ASF/AVI 6. Frames25 7. Continuous recording time 8 hours 8. Sound recording range 5m 9. Power consumption240mA/3.7V 10. Maximum capacity of memory card 64GB 11. Play software VLCPlayer/SM Player 12. Memory Card Included		7			
12	Operating Systems Windows server 2016		1			
13	Operating Systems Windows server 10		5			
14	Linux Operating System		5			
	<b>TOTAL</b>					

Total price inclusive of installation in Kshs ..... (in words)  
.....  
.....

**NOTE:** In case of discrepancy between unit price and total, the unit price shall prevail

Signature of tenderer \_\_\_\_\_

**PARTICULARS FOR SUPPLYING, INSTALLING, TESTING AND  
COMMISIONING AND USER TRAINING OF VIDEO CONFERENCING LAB**

	<b>Description</b>	<b>Country of origin</b>	<b>QTY</b>	<b>Unit Price</b>	<b>Total Price</b>	<b>Unit price of other incidental service</b>
1	<p><b>HPC Cluster</b> ALTBLADE X110            Compute Nodes: 28, Processor Type: 2x Xeon 6130, 16-Core and 2.1 GHz). 96 GB of 2666 MHz Registered ECC DDR4 Memory, 240GB SSD, 100Gb Omni-Path interconnect. ACTSERV X1110 LOGIN NODE: 1, 192GB of 2666MHz Registered ECC DDR4 memory, 2x240 mirrored OS SSDs, 1U chassis with redundant power. ACTSTOR X4151 ZFS STORAGE NODE 1, 144TB OF Storage capacity, 100Gb Omni-Path interconnect. NETWORK SYSTEM:1, Uplink via 10Gb ports, OMNI-PATH FABRIC: 1. RACK AND POWER INFRASTRUCTURE: Warranty required</p>		1			
2	<p><b>Tripp Lite Smart online-</b> Double conversion UPS208/240-230 V 10 KVA-9KW, Double conversion UPS - 6U Rack/Tower- Extended Run-SNMPWEBCARD Option- USB –DB9 Serial- Bypass Switch- Hardware, Warranty required</p>		1			
3	<p>HDX 8000 1080p60 Complete Video Conferencing system (Polycom) with dual 55" or 70" LED monitors            Video Resolution: up to 1080p60 Video, with Dual 55" LED monitors, Eagle Eye IV Cameras Producer or Director (dual display versions) cameras-standard on 55" system, Content Sharing: supported, high-fidelity speakers-frequency response 90-20Hz and tabletop microphone arrays, Polycom's Visual Board, Smart Pairing, Noise Block a.o. advanced technologies.            HD LED displays: Diagonal screen</p>		1			

<p>size: 55", Display type: Edge-lit LED display, Maximum resolution: 1920x1080p, Contrast ratio: 55"–1000:1, Diagonal Screen Size: 55"–1387.80mm (54.64in), Power: 55"–75w per screen, viewing angle: +/- 178 degrees, Brightness: 55"–450 cd/m<sup>2</sup></p> <p>Loudspeakers: Frequency response: 90-20kHz, THD at nominal output: &lt; 1% Woofer amplifier power: 17.5W, 1% THD; 25W, &lt;10% THD (with 12V supply voltage), Tweeter amplifier power: 15W, &lt;1% THD, Power: 10-24Vdc (12Vdc nominal). Peak current: 3A, No-signal input current: 0.3A, External power supply (provided): Input: 100-240VAC, 50-60Hz 1.2A 12Vdc, Output: 12Vdc at 1.2A</p> <p>EagleEye IV Camera: Camera type: 1/2.33" CMOS, H/V Resolution: 1920 x 1080, Output: SMPTE 296M 1280 x 720p60, SMPTE 274M 1920 x 1080p, 60/50, Lens focal length: f=3.76–37.6mm, Zoom: 4x optical (black), 10x/12x (silver) optical/digital, Focus: Auto, Horizontal field of view: 65°, 85° with wide angle lens, Vertical field of view: 39°, Min. illumination: 50 lux, Exposure: Auto-iris, AGC, SNR: 50 db , Pan range: +/-100°, Tilt range: +20/-30°, I/O: Mini-HDCI—Hirose DH60-37P, IR detectors: Yes , Power consumption: 12v @ &lt;2A power, Dimensions: 218 x 138 x 118 mm; EagleEye Producer (Standard on all 55"systems): Connections 1x HDCI (Out to Polycom RealPresence Group Series), 1x HDCI to Mini-HDCI , USB for local upgrades Power, Camera Characteristics: Horizontal field of view 80 degrees and vertical manual tilt Operating temperature: 0–40°C, Operating humidity: 15–80% , Non-operating temperature: -40–70°C, Non-operating humidity (non-condensing): 5–95% , Maximum Altitude: 10,000 ft Electrical: Auto sensing power supply, Typical operating voltage/power: 22VA</p>					
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	<p>typical @ 120V @ 60Hz. 26VA @ 230V @ 50/60Hz, Typical BTU/h: 106 BTU/h , Physical size: 11.3" H x 1.2" W x 4.8" D, Physical weight: 1.93 lb; Electrical: Auto sensing power supply, Typical operating voltage/power 60VA @ 120V @ 50Hz @ .49 PF ; Include: Polycom network module, Polycom software- multipoint option, mounting shelf. Deliver system, configure and training of users,</p>					
4	<p><b>Qt Conference room Edition</b>  QT-CRE, Adjustable w/B emitter, Speech privacy protection, equipped with lighted privacy signs, installer friendly  Features: Meeting occupants can easily turn the system on and off with the push of a button, Control module and privacy signs provide clear indication that the system is activated, Premium, minimalist design style seamlessly fits in with other conference room AV equipment, Adjustable ramp times via Front Panel / Optional switched control, Easy to integrate with in-room Crestron/AMX control, Smooth sound masking ramp up and ramp down to limit disruptions, Be turned on and off for meetings or left running at all times, Energy efficient and consumes less than 7 watts of power, Straightforward, low-impact installation, Out-of-the-box support for conference rooms with up to 40 ft (12 m) of exposed wall, Option to add additional emitters for larger.  Warranty 1 year</p>		1			
5	<p><b>SMART Board SBM685 77"</b>  <b>Interactive Whiteboard</b> Interactive Smart board, Two users can simultaneously write, perform mouse functions, erase, and manipulate and move objects on the interactive whiteboard surface, 77" diagonal active area, 4:3 aspect ratio, DVIT™ (Digital Vision Touch), low-gloss surface that is optimized for projection, compatible with dry-erase markers and</p>		1			

	magnets and easily cleaned, SMART Ink™ smooths out the appearance of the digital ink, which improves the legibility of your handwriting as you write over applications, websites and videos, Use simple, intuitive hand and finger gestures to toss, rotate or zoom in on objects and interact within SMART Notebook software, built-in support for Windows 7 and Snow Leopard, Recognizes when a user switches between using a finger, pen and eraser., Plus Smart Drivers and a license of Smart Notebook software, warranty 1 year					
6	<b>SMART Learning Suite software-</b> Subscriptions, 7 teachers, for 2 years Subscriptions to access SMART Learning Suite Online for 7 teachers for 2years		1			
7	<b>LCD Projector EPSON-3LCD</b> , 3-chip technology, Color Brightness-3000 lumens 2 White Brightness-3000 lumens 2, Wireless connection: without wires (with optional wireless LAN module not included), Audio/video with just one cable: all-digital HDMI™ connection		5			
8	<b>Wall mounted LCD Projectors plus bracket EPSON-3LCD</b> , 3-chip technology, Color Brightness -3000 lumens 2 White Brightness -3000 lumens 2, Wireless connection: without wires (with optional wireless LAN module not included), Audio/video with just one cable: all-digital HDMI™ connection, Simple Setup Suite: Easy image adjustments, Impressive image quality- native SVGA (800 x 600) resolution, Energy-efficient long-life lamp: 6000 hours, Type Epson, Warranty: 1 year, Installation and Testing		3			
9	<b>Desktop Computers</b> Intel Core i7-4770K Quad-Core Quad Core Intel I7-6700T Processor up to 3.6GHz, 12GB DDR4 Memory, 2TB 7200rpm HDD, DVD±RW, Ethernet, TFT Monitor		5			

	17Inch, loaded with software, 1 Year Warranty					
10	LMS Configuration LMS configuration		1			
	TOTAL					

Total price inclusive of installation in Kshs ..... (In words)  
 .....  
 .....

**NOTE:** In case of discrepancy between unit price and total the unit price shall prevail

Signature of tenderer \_\_\_\_\_

**PARTICULARS FOR SUPPLYING, INSTALLING, TESTING AND  
COMMISIONING AND USER TRAINING OF MOBILE COMPUTING LAB**

	<b>Description</b>	<b>Country of origin</b>	<b>QTY</b>	<b>Unit Price</b>	<b>Total Price</b>	<b>Unit price of other incidental service</b>
1	<ul style="list-style-type: none"> <li>• <b>Wireless Router</b> DD-WRT capable routers / Aps</li> <li>• Features: Dynamic QoS for gaming and streaming; Prioritized bandwidth; Automatic installation; free backup software; Beam forming.</li> <li>• Processor: 1Ghz dual-core processor.</li> <li>• Max Download Speed: AC1900 Wi-Fi / 600 + 1,300Mbps.</li> <li>• Dimensions: 11.22 x 7.26 x 1.97 in.</li> <li>• <b>Weight:</b> 1.5 lbs.</li> </ul>		4			
2	<p><b>Internet Wireless Security Camera</b> Specifications:</p> <p><b>Available Image(s)</b> : Left Side Image  <b>Connection Type:</b> Corded USB  <b>USB Type:</b> High Speed USB 2.0            USB: VID_PID VID_046D&amp;PID_081A  <b>Microphone:</b> Built-in, Noise Suppression  <b>Lens and Sensor Type :</b> Plastic  <b>Focus Type</b> Fixed  <b>Field of View (FOV)</b> 60°  <b>Focal Length</b> 4.0 mm  <b>Optical Resolution (True)</b> 1280 x 960 1.2MP  <b>Image Capture (4:3 SD):</b> 320x240, 640x480 1.2 MP, 3.0 MP  <b>Image Capture (16:9 W)</b> 360p, 480p, 720p  <b>Video Capture (4:3 SD)</b> 320x240, 640x480, 800x600  <b>Video Capture (16:9 W)</b> 360p, 480p, 720p,  <b>Frame Rate (max)</b> 30fps @ 640x480  <b>Video Effects (VFX)</b> N/A  <b>Right Light</b> Right Light 2  <b>Buttons</b> Other NA  <b>Indicator Lights (LED)</b> Activity/Power  <b>Privacy Shade</b> No  <b>Clip Size (max)</b> 0 to infinity  <b>Cable Length</b> 5 Feet or 1.5 Meters</p>		2			

	Additional Hardware in Package: <b>Headset</b> Not Included <b>Desktop Stand</b> Not Included					
3	<b>Bluetooth USB Adapter</b> 4.0 OS: Windows, Manufacturer: CISCO		5			
4	<b>Wireless Firewall/VPN Security Appliance</b> Cisco RV130 Multifunction Wireless-N VPN Router		2			
5	<b>Connected Grid Router</b> <b>GPS antenna;</b> Ethernet Switch 2GE WAN (Cu or SFP), 4FE LAN; 4 Module Slots: WPAN, Cellular, Compute module		1			
6	<b>Industrial Ethernet</b> 48 port switch 48 Ethernet 10/100/1000 49 LAN Lite software		1			
7	<b>Desktops</b> •Computers that can run multiple VMs-HP Preferred •1TB HDD • Core i7 • Speed 3.0GHz •23" Display		28			
8	<b>Laptops</b> •Laptop-HP Preferred •1TB HDD •Core i7 •Speed 3.0GHz •15" Display		3			
9	<b>Tablets</b> <b>Android based tablets</b> TP VDD 3.0 Driver IC Solomon SSD2533 Interface I2C Touch 2-10 finger touch Active area 148.58x81.82mm (7") Sensor material Soda-lime glass		10			
10	<b>Mobile Computing SMART Device</b> •Ultra-High Resolution Photos •The Processing Power to Do It All •1.8 GHz hexa-core •64-bit processor • Unibody design provides extra impact protection for the sensitive electronics. • Gorilla Glass touch panel and imager window bring maximum scratch- and shatter- proofing to two of the most vulnerable device features. • Power Precision+ Battery for Best-in-		1			

	Class Power and Manageability <ul style="list-style-type: none"> <li>Unsurpassed Security with Zebra's Mobility Extensions (Mx)</li> </ul>					
11	<b>HPE Proliant DL560 Gen9 Server</b> <ul style="list-style-type: none"> <li>Number of Processors: 4;</li> <li>Processor Manufacturer: Intel ;</li> <li>Processor Type: Xeon;</li> <li>Processor Model: E5-4627 v3;</li> <li>Processor Core: Deca-core (10 Core);</li> <li>Processor Speed: 3.60 GHz</li> </ul>		1			
12	<b>Wireless Laboratory Printers Printer</b> <b>type:</b> print, scan and copy, printing technology: Print Method: On-demand inkjet (piezoelectric)Minimum Ink Droplet Volume:3 printer Language's / P-RPrint Direction: Bi-directional printing, Uni-directional printing Nozzle Configuration:180 nozzles Black, 59 nozzles per colour (Cyan, Magenta, Yellow)Maximum Resolution:5760 x 1440 dpi (with Variable-Sized Droplet Technology)Automatic 2-sided printing:No,Printing speed: Photo Default - 10 x 15 cm / 4 x 6 " *2:Approx. 69 sec per photo (Border) *1		1			
13	<b>RFID printers</b> 203/300 dpi, USB/Serial/Parallel/Ethernet/WiFi		1			
14	<b>RFID antennas</b> Mini-Guardrail ILT (LP) Indoor RFID Antenna (Global); IPJ-A0303-000 2 ft Cable (195 Series, RP-TNC Male to SMA Male)		2			
15	<b>Withings Smart Body Analyzer for 15 learners per session</b> <ul style="list-style-type: none"> <li>Monitors weight (kg), body fat &amp; water %, plus muscle &amp; bone mass</li> <li>Wireless Sync - Wi-Fi 802.11 b/g/n, compatible with WEP/WPA/WPA2-personal networks</li> <li>Android compatibility (5.0 and higher)</li> </ul>		2			
16	<b>Sony Smart band 2 for 15 learners per session</b> Android™ 4.4 and onwards; NFC, Bluetooth®; Heart rate monitor, Accelerometer; IP68, Up to 3 m depth; SmartBand 2 host app (Android™ or iOS); Standard micro USB for charging.		4			
17	<b>Microsoft Band 2 for 15 learners per session</b> Optical heart rate sensor; three-axis accelerometer; gyrometer; GPS; ambient light, skin temperature and UV sensors; capacitive sensor; galvanic skin response sensor; a		4			

	barometer; and a microphone				
18	<b>ZigBee Home Automation (a set of 15 Sensors)</b> ZigBee, Z-Wave, Cloud-to-Cloud, LAN; Range 50-100 ft; Location-Indoor Use Only; Broadband Internet and Internet router with an available Ethernet port. Minimum Smartphone requirements: iOS 7.0, Android 4.0, Windows Phone 8.1 or greater, Broadband Internet, and Internet router with an available Ethernet port.		4		
19	<b>ZigBee Light Link Sensors (a set of 24 Sensors)</b> -Zigbee PRO networking -2.4 GHz global operation -Long battery life -Wireless range up to 70m indoors and 400m outdoors -Networking flexibility to cover homes of all sizes		25		
20	<b>ZigBee Smart Energy Sensors</b> (a set of 25 Sensors) A high-accuracy real time clock (accuracy up to 2ppm) -Two current and two voltage inputs -Full 32-bit ARM Cortex™ M3 processor -Flexible ADC serial communications		25		
21	<b>Temperature Sensors Ref</b> No.PT100/PT500/PT100 Thermal element materials Platinum Accuracy Class A B Ways of Mounting & Fixing 1: Without fixing device 2: Fixed compression thread 3: Movable compression thread 4: Fixed compression flange 5: Movable compression flange 6: Shock-resistant & Anti-leakage compression thread Types of connections box 0: Connection seat type 2: Anti-spray (Protection class: IP65) 3: Water-proof (Protection class: IP67) 6: Round plug type 7: Flag plug type 8: Small Connection type 9: Compensation wire type Types of sensor end 1. insulation type Diameter of thermowell 0: Ø16 1: Ø12		10		

	3: Ø3 4: Ø4 5: Ø5 6: Ø6 8: Ø8 Measuring range -200~+450 degree Celsius					
22	<b>Wireless Humidity Sensors</b> Power supply: DC 3V Standby power: 10uW Working frequency: 2405-2480MHz Receiving sensitivity: -98dBm Communication distance: 200m Network distance: 150m Protocol: ZigBee 3.0 Working temperature range: -25°C - +70°C Dimension: 60*60*20.8mm		10			
23	<b>Wireless Water Rope Sensors</b> •Material:PE + alloy lead •Weight:30g/meter •Pull Force Limit: 60kg •Fire Resistance:Second pressure plenum cable •Cable Diameter: 5.5mm •Core Resistance: 3ohm/100 meters •Maximum Exposed Temperature:75°C (167°F) •Cable Length:10 ft. (120 in.) included (expandable to 100 ft.)		5			
24	<b>Wireless Open-Closed Sensors</b> •Contact Rating: SPST, gold under -plating with Deactivated Rhodium outer-plating •Switch Cycles:50 million •Operation Gap: Up to 3/4 inch •Wire Leads:22 gauge / 13.5 in length (± 1.5 in) •Magnet Case Construction: Weatherproof, high-impact ABS plastic with self-adhesive backing •Magnet Temperature Range: -15°F to 160°F (-25°C to 70°C)		10			
25	<b>Wireless Infrared Motion Sensor</b> •Sensing Range 16.4 ft. (5 m) •Current Consumption Type: 170 µA Max: 300 µA •Wake-up Time30 Seconds •Battery Type Replaceable 3.0V Coin Cell Battery •Supply Voltage:2.0 - 3.6 V (Single CR2032 Coin Cell Battery) •Device Range250 - 300 ft. non-line-of-sight device range*		15			

	<ul style="list-style-type: none"> <li>•Operating Frequency 900 MHz Operating Frequency</li> </ul>					
26	<p><b>Wireless Carbon Monoxide (CO) Gas Sensor</b></p> <ul style="list-style-type: none"> <li>•Operating Pressure Range: <math>\pm 0.2</math> atm (recommended)</li> <li>•Operating Humidity Range: 15 to 95% RH</li> <li>•Measuring Range: 0-1000 PPM</li> <li>•Maximum Overload: 1000 PPM</li> <li>•Measuring Principle: Electrochemical Oxidation of CO</li> <li>•Resolution: <math>\pm 1</math> PPM</li> <li>•Response Time: <math>&lt; 40</math> seconds typical at 20°C</li> <li>•Stabilization Time: <math>&lt; 120</math> seconds</li> <li>•Long Term Drift – Zero:Zero Signal = <math>\pm 2</math> PPM / month</li> <li>•Long Term Drift – Span:Output Signal = <math>\pm 2\%</math> of reading per month</li> <li>•Maximum Zero Shift:<math>&lt; 8</math> ppm equivalent (-20°C to +40°C)</li> </ul>		5			
27	<p><b>Wireless Dry Contact Sensors</b></p> <ul style="list-style-type: none"> <li>•Lead Wire Length: 1 ft. ( 12 in.)</li> <li>•Detection Wires: High Impedance</li> </ul>		15			
28	<p><b>Wireless Accelerometers</b></p> <ul style="list-style-type: none"> <li>•Sensitivity: 4096 count/g</li> <li>•Sensitivity Range: <math>\pm 2</math> G, <math>\pm 4</math> G, <math>\pm 8</math> G</li> <li>•Measurement Accuracy:<math>\pm 2.5</math> % (Force:X, Y, Z)</li> <li>•Minimum G Force to Turn On/Wake Up:0.050 g - 0.100 g</li> <li>•Bandwidth for Data Measurement: 800 Hz</li> <li>•Measuring Range:0° to 180° ? -180° to -0° (Rotating in positive direction)</li> <li>•Resolution:0.1°</li> <li>•Weight:0.7 oz.</li> </ul>		15			
29	<p><b>Wireless Voltage Meters</b></p> <ul style="list-style-type: none"> <li>•Absolute Maximum Voltage:600 VACrms / 850 VDC</li> <li>•Minimum Voltage Detected: -850 VDC</li> <li>•Accuracy:<math>\pm</math> (1 VACrms + 3% of reading)</li> <li>•Calibrated Accuracy with Appropriate Offset: <math>\pm</math> (.5 VACrms + 1.5% of reading)</li> <li>•Response Time:40 ms</li> <li>•Supported Operation Modes:VACrms (root mean squared); Peak Voltage; DC Voltage</li> <li>•Resolution:.25 VACrms / .35 VDC/Peak Voltage</li> <li>•Lead Wire Length:2 Wires, 1 ft (12 in), Black (Hot), White (Neutral), 18 AWG</li> </ul>		2			

30	<b>Wireless AC Current Meters</b> Absolute Max CT Current 50 Amps RMS (Arms) Maximum Accurate CT Current:20 A rms Frequency Measurement Range 50 – 100 Hz Accuracy +/- 2% @ 2 to 20 Arms, +/- .07 Arms @ < 2 Arms Calibrated Accuracy with Appropriate Offset +/- 1% @ 2 to 20 Arms, +/- .035 Arms @ < 2 Arms Offset Limits -1.27 to + 1.27 Arms (default set to +.1 Arms) Measurement Resolution ~.01 Arms Weight 3.7 oz.		2			
31	<b>Wireless Voltage Detection</b> Maximum Rated Input Voltage: 50.0 Volts; Voltage Detection Threshold: Present above ~.47 Volt, Absent below ~.47 Volt; Trigger: Transmits data upon state change; Open Circuit Reading: Voltage Absent; Lead Wire Length:2 Wires, 1 ft. ( 12 in.), Red (+), Black (-), 18 AWG		5			
32	<b>Wireless Resistance Sensors</b> Resistive Range (in Ohms): 0 – 145000; Specific Resistive Ranges (in Ohms):0 – 530, 530 – 3500, 3500 – 27200, 27200 – 145000; Resolution: 2047; Unique Values Per Specific Range (11 bit): ~.25, ~1.71, ~13.3, ~70.8.		5			
33	<b>Wireless Pulse Counters:</b> Maximum Count: 4294967296 (32 bit number); Input Voltage: 0 to 15 Volts DC; Detection Wires: High Impedance (2-Wire), 3 ft. length; Counter Operation: Positive and / or Negative Edge Pulses; Compatibility: Open Collector NPN Switches (Passive) Mechanical Switches (Passive) 0-15V Driven Source (Active)		5			
34	<b>Wireless Pressure Meters</b> <ul style="list-style-type: none"> <li>•Low Pressure</li> <li>•-20-85°C Operating Temperature</li> <li>•Compact Size</li> <li>•Total Error Band 1.5%</li> <li>•BLE Wireless Communication (IOS)</li> <li>•1-5000 (10kpsi for Custom OEM) psi pressure ranges</li> <li>•Media – Liquid, Air, &amp; Gas</li> </ul>		5			
35	<b>Wireless Activity Detection Sensors</b> Max Operating Temperature: -20°C to +60°C (-4° to +140°F); Optimal Battery Operating Temperature (Coin Cell): +10°C to +50°C		5			

	(+50°F to +122°F); Supply Voltage: 2.0 - 3.6 V (Single CR2032 Coin Cell Battery); Device Range: 250 - 300 ft. non-line-of-sight device range*; Battery Life: At 1 hour heartbeat setting, coin cell battery will typically last ~ 1-2 Years. **; Operating Frequency 900 MHz Operating Frequency.				
36	<b>Wireless Vehicle Detection Sensors</b> Commercial Grade, CR-2032 Battery Powered Wireless Vehicle Detection Sensor,900MHz		5		
37	<b>Wireless Seat Occupancy Sensors</b> Commercial Grade, AA Battery Powered Wireless Seat Occupancy Sensor (AA),868MHz		2		
38	<b>Wireless Compass Sensors</b> Commercial Grade, CR-2032 Battery Powered Wireless Compass Sensor,868MHz		5		
39	<b>Wireless Liquid Level Sensors</b> 15mA 5V Optical Infrared Water Liquid Level Sensor Liquid Water Level Control Switch		50		
40	<b>Test bed nodes:</b> Raspberry PIs with Monitors / Keyboards		5		
41	<b>Arduino Memory:</b> 2KB; Speed: 16MHZ; Input voltage: 7 to 12V; IDE: Arduino		20		
42	TV Monitors TV Monitors with Remotes on Rasplex		2		
43	Roku 4 Players General <ul style="list-style-type: none"> <li>• roDeviceInfo.GetModel(): 4400X</li> <li>• CPU: ARM quad core</li> <li>• Accelerated Graphics API: OpenGL ES 2.0</li> <li>• RAM: 1.5GB</li> <li>• HDMI 720p Video Out: Yes</li> <li>• HDMI 1080p Video Out: Yes</li> <li>• HDMI 2160p Video Out: Yes</li> <li>• S/PDIF Port: Yes</li> <li>• Wi-Fi (b/g/n): Yes</li> <li>• Wi-Fi (n 2x2): Yes</li> <li>• Ethernet Port: Yes</li> <li>• USB 2.0: Yes</li> <li>• Supports Games &lt; 750K: Yes</li> <li>• Supports Games &gt; 750K: Yes</li> <li>• microSD Slot: Yes</li> <li>• Wi-Fi Direct Game Remote: Yes</li> <li>• Voice Remote Search: Yes</li> </ul>		2		
44	<b>Apple Tv:</b> Size and Weight. 3.9 inches (98 mm)		1		

	<p>3.9 inches (98 mm) 1.4 inches (35 mm) ... Capacity. 32GB<sup>2</sup> ... <b>Apple TV Remote.</b> Bluetooth 4.0 wireless technology. ... Ports and Interfaces. Built-in power supply HDMI Gigabit Ethernet. ... Processor. A10X Fusion chip with 64-bit architecture. <b>Video Formats</b></p> <p>H.264/HEVC SDR video up to 2160p, 60 fps, Main/Main 10 profile</p> <p>HEVC Dolby Vision (Profile 5)/HDR10 (Main 10 profile) up to 2160p</p> <p>H.264 Baseline Profile level 3.0 or lower with AAC-LC audio up to 160 Kbps per channel, 48kHz, stereo audio in .m4v, .mp4, and .mov file formats</p> <p>MPEG-4 video up to 2.5 Mbps, 640 by 480 pixels, 30 fps, Simple profile with AAC-LC audio up to 160 Kbps, 48kHz, stereo audio in .m4v, .mp4, and .mov file formats</p> <p><b>Audio Formats</b> HE-AAC (V1), AAC (up to 320 Kbps), protected AAC (from iTunes Store), MP3 (up to 320 Kbps), MP3 VBR, Apple Lossless, FLAC, AIFF, and WAV; AC-3 (Dolby Digital 5.1), E-AC-3 (Dolby Digital Plus 7.1 surround sound), and Dolby Atmos</p> <p><b>Accessibility:</b> Accessibility features help people with disabilities get the most out of their Apple TV. With built-in support for vision, hearing, physical and motor skills, and learning and literacy, you can easily find and enjoy your favorite entertainment.</p>					
45	<p><b>IoT trainer Kit</b></p> <ul style="list-style-type: none"> <li>• 8 Nos. Point LEDs (Logic Output)</li> <li>• 8 Nos. Digital Input(SLIDE Switch)</li> <li>• 2 Nos. Analog Input (Potentiometer)</li> <li>• 2x16 Char LCD Interface (Optional)</li> <li>• Temperature Sensor(LM35)</li> <li>• Internal RTC with Battery-Backup</li> <li>• 1 No. UART(RS232)</li> <li>• 1 No. USB UART</li> </ul>		2			

	<ul style="list-style-type: none"> <li>• USB 2.0 device (Virtual Port)</li> <li>• Digital / Analog Output</li> <li>• Interrupts Study, Reset Button</li> <li>• 4x4 Matrix Keyboard</li> <li>• 40-Pin Expansion Connector</li> <li>• JTAG (Program/Debug)  ISP</li> </ul> <p>Programming</p> <ul style="list-style-type: none"> <li>• 2 Nos. 20pin- I/O Expansion Connector</li> <li>• PWM Terminations</li> <li>• Stepper Interface</li> <li>• Optional Onboard Zigbee Interface</li> <li>• Onboard Square wave Generator</li> <li>• SPI/I2C Expansion Connector</li> <li>• MicroSD card Interface</li> </ul> <p>Supported Sensors</p> <ul style="list-style-type: none"> <li>• GAS Sensor</li> <li>• Soil Moisture sensor</li> <li>• PIR</li> <li>• Humidity</li> <li>• Ultrasonic</li> </ul> <p>Included in the Kit</p> <ul style="list-style-type: none"> <li>• LPC2148 IoT Trainer Kit</li> <li>• Wifi Module</li> <li>• Power Adaptor</li> <li>• RS232 Cable</li> <li>• User Guide HW/SW</li> <li>• USB Cable</li> <li>• CD Contains: Examples, ISP</li> </ul> <p>Programmer, IDE, Datasheets</p>					
46	<p><b>Blu Ray Player</b> BP125</p> <p>Playback Capability: BD-ROM/BD-R/BD-RE</p> <ul style="list-style-type: none"> <li>•DVD-ROM/DVD±R/DVD±RW</li> <li>•Audio CD/CD-R/CD-RW</li> <li>•DTS-CD •USB Playback</li> <li>•External HDD Playback</li> <li>•(via USB)VIDEO FORMATMPEG-1</li> <li>•MPEG2PS/TS •MPEG4AVC(H.264)</li> <li>•SMPTEVC1(VC-9) •MKV •AVCRec</li> <li>•AVCHD •M4V •WMV •3GP •FLV</li> <li>•VOB •AUDIO FORMATLPCM</li> <li>•Dol by Digital •Dol by Digital Plus</li> <li>•(2ch) Dol by True HD •(2ch)DTS</li> <li>•DTS2.0+DigitalOut</li> <li>•(Bit stream Only)DTS-HD Master Audio</li> <li>•MPEG1/2L2 •MP3 •WMA •FLAC</li> <li>•VIDEO FEATURES1080pUpscaling</li> <li>•Noise Reduction</li> <li>•NTSC to PAL Conversion</li> </ul>		2			

	<ul style="list-style-type: none"> <li>•Deep Color •xvYCC</li> <li>•Video Enhancement</li> <li>•AUDIO FEATURESDD2chDownMix</li> <li>•Re-Encoder(DTSOnly)</li> <li>•LPCM Conversion(DTSHD/DolbyTrueHD)</li> <li>•Down Sampling</li> <li>•(48kHz/16bit)DynamicRangeControl</li> <li>•(On/Off) CONVENIENCE Setup Wizard</li> <li>•SIMPLINK</li> <li>•Time Bar</li> <li>•Last Scene Memory</li> <li>•Power On Resume Play</li> <li>•Screen Saver</li> <li>•AutoPower Off</li> <li>•ParentalLock</li> <li>•USBDirectRecording</li> <li>•AV INPUTS/OUTPUTSHDMI™</li> <li>Out1DigitalAudioOut(Coaxial) 1USB2.0</li> <li>1SUPPLIED ACCESSORIES</li> <li>RemoteControlUniversalRemoteControlBatteries</li> <li>•OwnersManual</li> <li>•POWERPowerSupply(Voltage,Hz)</li> <li>AC120V/60HzPowerConsumption</li> <li>TBDPowerOffConsumption TBD</li> <li>DIMENSIONS /</li> <li>WEIGHTUnitDimensions(WxHxD)</li> <li>TBDShippingDimensions(WxHxD)</li> <li>TBDUnitWeight TBDShippingWeight TBD</li> <li>WARRANTY / UPCLimitedWarranty</li> <li>1YearParts/90Days</li> </ul>					
47	<p>32" Full HD SMART TV 32LJ570U Display</p> <ul style="list-style-type: none"> <li>•Display Device (OLED / LCD) LCD</li> <li>•Screen Size (Inch) : 32H</li> <li>•Resolution: 1366*768</li> <li>•IPS Panel (only for LCD series, including IPS 4K and IPS 4K Display): 32 BOE : Yes</li> <li>•Panel Type (only for LCD series): RGB</li> <li>•BLU Type (only for LCD series): Direct Video (Picture Quality)</li> <li>•True Motion / Refresh Rate (only for LCD series): - / 50 Hz</li> <li>•PMI (Picture Mastering Index) / Refresh Rate (only for LCD series): TBD</li> <li>•Color Master Engine: Yes</li> <li>•Color Master Engine – Upscaler: Resolution Upscaler</li> <li>•HEVC Decoder: 2K@60P,10bit</li> <li>•VP9 Decoder: 2K@60P, 8bit Audio</li> </ul>		1			

<ul style="list-style-type: none"> <li>•Audio Output: 6 W</li> <li>•Speaker System (ch): 2.0 ch</li> <li>•Surround Mode: Virtual surround Plus</li> <li>•Surround Mode - Clear Voice: Clear Voice III</li> <li>•TV Installation Type: Yes</li> <li>•DTS Decoder: Yes</li> <li>•Audio Codec: AC3(Dolby Digital), EAC3, HE-AAC, AAC, MP2, MP3, PCM, DTS, DTS-HD, DTS Express, WMA, apt-X</li> <li>Smart TV</li> <li>•OS (Operating System): webOS 3.5</li> <li>•OS (Operating System) – Processor: Dual</li> <li>•Magic Zoom: Live Zoom</li> <li>•Magic Link: Yes</li> <li>•Quick Access: Yes</li> <li>•LG Content Store: Yes</li> <li>•Web Browser: Yes</li> <li>•Music Player: Yes</li> <li>•My Content: Yes</li> <li>•My Channels: Yes</li> <li>•Channel Advisor: Yes</li> <li>Smart Convergence</li> <li>•IoT: Google weave (Global): MR(TBD)</li> <li>•Mobile App(LG TV Plus): Yes</li> <li>•Mobile Connection: Yes</li> <li>•Mobile TV On (Turn on TV by Mobile): Yes</li> <li>•Mobile TV On (Turn on TV by Mobile) - WiFi TV On: Yes</li> <li>•WiDi (PC to TV): Yes</li> <li>•Miracast (Moblle to TV Mirroring): Yes</li> <li>•Network File Browser: Yes</li> <li>DVR(Time Machine)</li> <li>•Analog DVR: Yes</li> <li>•Digital Recording: Yes</li> <li>•Live Play Back (External Recording): Yes</li> <li>•Simplink (HDMI CEC): Yes</li> <li>•Simultaneous Audio Output: Yes</li> <li>•Block access to harmful site: Yes</li> <li>•OSD Language</li> <li>14ea English, Spanish(español), French(français), Portuguese, Russian, Indonesian, Malayan, Vietnamese, Thai, Arabic, Kurdish, Afrikaans, Amharic, Hausa</li> <li>12ea(Iran) English, Spanish(español) French(français), Portuguese Russian, Indonesian Malayan, Vietnamese Thai, Arabic, Farsi, Kurdish</li> <li>10ea (YK) English, Spanish(español)</li> </ul>					
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<p>French(français), Portuguese Russian, Indonesian Malayan, Vietnamese(Tiếng Việt) Thai, Hebrew</p> <p>Broadcasting System</p> <ul style="list-style-type: none"> <li>•Digital TV Reception (Terrestrial, Cable, Satellite) T- : DVB-T/T2 V(Y)- : DVB-T2/C/S2 U(Z)- : DVB-T2/C/S2</li> <li>•[DVB] Data Broadcasting (Country Spec)</li> </ul> <p>MHEG</p> <ul style="list-style-type: none"> <li>•[DVB] CI + (Common Interface)</li> </ul> <p>T/T2 : -, T2/C/S2 :Yes</p> <ul style="list-style-type: none"> <li>•Teletext Page Yes</li> <li>•Teletext (Top/Flof/List) Yes</li> <li>•Subtitle Yes</li> <li>•EPG(8days) Yes Connectivity</li> <li>•HDMI: 2</li> <li>•HDMI - ARC (Audio Return Channel): Yes (HDMI1)</li> <li>•USB: 1</li> <li>•LAN: Yes</li> <li>•Component / Comosite in 1(Composite, 5)</li> <li>•CI Slot: T/T2 : -, T2/C/S2 :Yes</li> <li>•RF In: T/T2 : 1, T2/C/S2 : 2</li> <li>•Wifi (802.11.ac or 802.11.n): 802.11ac</li> <li>•Digital Audio Out (Optical): Yes</li> <li>•Headphone out: Yes</li> <li>•Line out: 1(Headphone out common)</li> </ul> <p>TV - Rear(Jack Type)</p> <ul style="list-style-type: none"> <li>•RF In T/T2 : 1, T2/C/S2 : 2</li> <li>•Component In (Y,Pb,Pr + Audio) : 5</li> </ul> <p>1(Composite, 5)</p> <ul style="list-style-type: none"> <li>•HDMI (6G/3G) 2ea</li> <li>•HDMI (6G/3G) - ARC (Audio Return Channel) Yes (HDMI1)</li> <li>•USB (3.0/2.0) 2.0 : 1ea</li> <li>•Digital Audio Out (Optical) Yes</li> <li>•LAN Yes</li> <li>•Headphone out Yes</li> <li>•Line out / Headphone out Yes TV –Side Jack Type)</li> <li>•CI Slot T/T2 : -, T2/C/S2 :Yes Design</li> <li>•Design C/Top Eco</li> <li>•High Efficency Display mode (M+) TBD</li> <li>•Energy saving mode Default OFF Power</li> <li>•Power Supply (Voltage, Hz) (100~240Vac 50-60)</li> <li>•Standby Power Consumption 0.5W↓</li> </ul> <p>Accessory</p>					
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	<ul style="list-style-type: none"> <li>•Remote Controller L-con</li> <li>•Power Cable Yes</li> <li>•Owner's Manual Yes</li> <li>•Vesa Wall Mount Support Yes</li> <li>•Batteries (for Remote Control) Yes</li> </ul>					
48	Hard Phones Polycomm, Linksys, etc With PoE Switches		2			
49	<b>IoT Lighting</b> Hue 2 GE Wink- 2 Osram Lightify - 2		2 each			
50	<b>Thermostats</b> Honeywell -2 Nest - 2 Ecobee - 2		2 each			
51	<b>Samsung Smart Things Hub Kit</b> <ul style="list-style-type: none"> <li>•1 Samsung Smart Things Hub</li> <li>•1 Samsung Smart Things Motion Sensor</li> <li>•2 Samsung Smart Things Multi Sensors</li> <li>•1 Samsung Smart Things Outlet</li> <li>•Power Adapter</li> <li>•In-wall AC (100-240V)</li> <li>•Ethernet cable (3 ft)</li> </ul>		2			
52	<b>Logitech Harmony Elite Remotes</b> <ul style="list-style-type: none"> <li>•iOS: iPhone® 4S or later, iPad® (3rd generation or later), iPad Mini™, iPod touch® (5th generation or later) device with iOS 8.0 or higher or</li> <li>•Android: Wi-Fi enabled smartphone with Android 4.2 or later</li> <li>•Bluetooth® Smart technology-enabled iOS or Android device</li> <li>•Harmony App: download from the App Store<sup>SM</sup> or Google Play™</li> <li>•For online setup</li> <li>•Windows® PC: Windows10, Windows 8, or Windows 7</li> <li>•Intel® Mac® OS computer: Mac OS X 10.9 or higher</li> <li>•Harmony App: download from the App Store<sup>SM</sup> or Google Play™</li> <li>•Internet access</li> <li>•Wi-Fi (Supports 802.11g/n, WPA Personal, WPA2-AES, and 64/128-bit WEP encryption)</li> </ul>		2			
53	Terminal emulation client Flexible, all-inclusive licensing; Host access anywhere, any time; Automated migration tools; Connect from anywhere, and from any device; Access multiple applications from one interface.		15			
54	Mobility management System Activities-		10			

	<p>Requirements Gathering- Mobile Device Management (MDM) components build and configuration- Mobile Application Management (MAM) components build and configuration- ShareFile components build and configuration- Optional Store Front components build and configuration- NetScaler Configuration- Enrollment of up to 20 iOS or Android mobile devices</p> <p>Documentation- XenMobile Proof of Concept architectural diagram-Environment summary document-Quality Assurance Quality Assurance- All documentation is thoroughly reviewed during the Citrix Quality Assurance process, prior to delivery, to ensure technical accuracy, risk mitigation, and alignment with Citrix Consulting's leading practices</p> <p>.Duration- 276 hrs</p>					
55	<p>Device management system Mobile Device Manager Plus. Supported operating systems</p> <ul style="list-style-type: none"> <li>• iOS 4.0 and above <ul style="list-style-type: none"> <li>◦ iPhone, iPad, and iPod Touch</li> </ul> </li> <li>• Android 2.2 and above <ul style="list-style-type: none"> <li>◦ Smartphones and tablets</li> </ul> </li> <li>• Windows Phone 8.0 and above <ul style="list-style-type: none"> <li>◦ Smartphones, tablets (Windows 10), and laptops (Windows 10)</li> </ul> </li> <li>• Samsung SAFE and KNOX devices</li> </ul> <p><b>Mobile application management</b></p> <ul style="list-style-type: none"> <li>• Create your own enterprise app catalog.</li> <li>• Manage and distribute both in-house and purchased apps as needed.</li> <li>• Integrate with the Apple Volume Purchase Program (VPP) and Google's Play for Work to distribute commercial apps seamlessly.</li> <li>• Ensure devices are only used for required purposes by forcing devices to run a single app (Kiosk Mode).</li> <li>• Install apps silently on devices without user intervention.</li> </ul>		1			

	<ul style="list-style-type: none"> <li>• Apply app settings and configurations upon distribution using Managed App Configurations.</li> <li>• Containerize apps in devices to prevent a potential mix up of app data.</li> <li>• Blacklist apps that aren't compliant with your enterprise's regulations.</li> </ul> <p><b>High-end device security management</b></p> <ul style="list-style-type: none"> <li>• Configure passcode requirements to eliminate weak passwords; you can require that passcodes include alphanumeric values as well as determine the passcode length.</li> <li>• Enforce restrictions on device functionality such as enabling or disabling the camera, iCloud, Passbook, iTunes, and much more.</li> <li>• Protect corporate data by preventing unauthorized devices from accessing the corporate network.</li> <li>• Track the geographic location of your managed devices on demand.</li> <li>• Remotely lock devices to prevent misuse of misplaced or stolen devices.</li> <li>• Detect rooted and jail broken devices, and instantly remove them from the corporate network.</li> <li>• Prevent data loss or theft by either completely wiping devices or wiping only corporate data.</li> <li>• Collect and wipe devices when an employee leaves your company.</li> </ul> <p><b>Smarter mobile device enrollment</b></p> <ul style="list-style-type: none"> <li>• Enroll devices over-the-air (OTA).</li> <li>• Enroll any number of mobile devices in a single instance using a CSV file.</li> <li>• Automate bulk enrollment for iOS and Android devices.</li> <li>• Ease enrollment with Apple's Device Enrollment Program (DEP) for iOS</li> </ul>					
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	<p>devices, Samsung Knox enrollment and Google's Zero touch enrollment for Android devices.</p> <ul style="list-style-type: none"> <li>• Authenticate enrollment with a one-time passcode (OTP) or a user's Active Directory (AD) credentials.</li> <li>• Allow users to enroll their own devices using a self-service portal.</li> <li>• Enroll and manage multiple devices for the same user.</li> </ul> <p><b>Robust MDM support</b></p> <ul style="list-style-type: none"> <li>• Monitor devices for up-to-date device information.</li> <li>• Diagnose device, user, or application issues from a centralized platform.</li> <li>• Reset forgotten passcodes.</li> <li>• Update configuration settings in real time.</li> </ul> <p><b>Secure distribution of content</b></p> <ul style="list-style-type: none"> <li>• Create a content repository for storing documents.</li> <li>• Distribute documents in different formats.</li> <li>• Control document sharing between unmanaged devices.</li> </ul> <p><b>Complete and secure email management</b></p> <ul style="list-style-type: none"> <li>• Set up email security policies to devices OTA.</li> <li>• Containerize email apps to prevent unauthorized access to emails.</li> <li>• Regulate devices with access to a corporate email account.</li> <li>• Restrict users from making changes to a corporate email account or the applied configuration.</li> <li>• View and save email attachments directly on the MDM app.</li> <li>• Provide conditional access to on-</li> </ul>					
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	<p>premises Exchange and Office 365.</p> <p><b>Instantly update OSs on mobile devices</b></p> <ul style="list-style-type: none"> <li>• Silently deploy OS updates to managed mobile devices.</li> <li>• Restrict users from upgrading their mobile OS.</li> <li>• Notify users when mobile OS updates are available.</li> <li>• Choose immediate, delayed, or windowed deployment of mobile OSs.</li> </ul> <p><b>Assertive asset tracking with configurable reports</b></p> <ul style="list-style-type: none"> <li>• Track mobile device details including certificates, installed apps, and memory usage to stay up-to-date.</li> <li>• Get granular reports on hardware and software inventory.</li> <li>• Obtain reports on jailbroken or rooted devices to ensure device compliance.</li> <li>• Create out-of-the-box reports on apps by devices and devices by model.</li> </ul>					
	<b>TOTAL</b>					

Total price inclusive of installation in Kshs ..... (In words)  
.....  
.....

NOTE: In case of discrepancy between unit price and total the unit price shall prevail

Signature of tenderer .....

**NOTE: TRANSFER THE TOTAL SUM FOR THE THREE CONTRACT TO THE TENDER FORM**

## EVALUATION CRITERIA

### Part 1: Mandatory Requirement

	<b>Requirements</b>
1	Company Registration Certificate or Certificate of Incorporation
2	VAT/PIN Registration certificate
3	Valid business permit with relevant County Government
4	Provision of sufficient bid security and its validity
5	Valid tax compliance certificate by KRA
6	Dully filled Form of Tender.
7	Submission of Two bid documents (clearly marked ' <b>original</b> ' and ' <b>copy</b> ')

The Employer may seek further clarification/confirmation if necessary to confirm authenticity/compliance of any condition of the tender.

**The tenderers who do not satisfy any of the above requirements shall be considered Non-Responsive and their tenders will not be evaluated further.**

## **B) TECHNICAL EVALUATION**

The tender document shall be examined based on the Instruction to Tenderers which states as follows:

In accordance with Instruction to Tenderers, the tenderers will be required to provide evidence for eligibility of the award of the tender by satisfying the employer of their eligibility and adequacy of resources to effectively carry out the subject contract. The tenderers shall be required to fill the Standards Forms provided for the purposes of providing the required information.

The award of points in this section shall be as shown below;

<b><u>PARAMETER</u></b>	<b><u>MAXIMUM POINTS</u></b>
1. Confidential Business Questionnaire Form.-----	3
2. Submission of manufacturers brochures for the main equipment -----	15
3. Key personnel - -----	18
4. Contract Completed in the last Three (3) years - -----	15
5. Schedules of on-going projects -----	15
6. Audited Financial Report for the last 3 years-----	10
7. Evidence of Financial Resources -----	10
8. Registration with ICT Authority-----	5
9. Name, Address and Telephone of Banks (Contractor to provide) -----	3
10. Litigation History-----	3
11. Sanctity of the tender document as in accordance with clause 5 of instruction to tenderer -----	3
<b>TOTAL</b>	<b><u>100</u></b>

The detailed scoring plan shall be as shown in table 1 below: -

**TABLE 1**

Item	Description	Point Scored	Max. Point
1	<b>Confidential Business Questionnaire Form.</b> Completely filled ----- 2 Not filled ----- 0		<b>3</b>
2	<b>Submission of manufacturers brochures with KEBS certificates for the main equipment</b> Submitted brochures for each equipment-----15 Not submitted-----0		<b>15</b>
3	<b>Key Personnel to be engaged on the project (Attach proof of employment and copies of certificates signed in blue ink by the owner and his/her telephone number indicated)</b>		<b>18</b>
	<b>Director of the firm</b> <ul style="list-style-type: none"> <li>○ Holder of degree in ICT related field-----3</li> <li>○ Ditto with Diploma-----2</li> <li>○ Ditto with certificate-----1</li> <li>○ No relevant certificate -----0</li> </ul>		<b>3</b>
	<ul style="list-style-type: none"> <li>○ <b>At least 1 No. degree holder of key personnel in ICT related field</b></li> <li>○ With over 10 years relevant experience -----3</li> <li>○ With over 5 years relevant experience ----- 2</li> <li>○ With under 5 years relevant experience -----1</li> </ul>		<b>3</b>
	<ul style="list-style-type: none"> <li>○ <b>At least 2 No Diploma holder of key personnel in ICT related field</b></li> <li>○ With over 10 years relevant experience-----3</li> <li>○ With over 5 years relevant experience -----2</li> <li>○ With under 5 years relevant experience -----1</li> </ul>		<b>6</b>
	<ul style="list-style-type: none"> <li>○ <b>At least 2 No Certificate holder in relevant field</b></li> <li>With over 10 years relevant experience-----3</li> <li>With over 5 years relevant experience-----2</li> <li>With under than 5 years' experience-----1</li> </ul>		<b>6</b>

4	<p><b>Contract completed in the last three (3) years (A max of 3 No. Projects) Shall attach Completion Certificates.</b></p> <ul style="list-style-type: none"> <li>○ Project of similar nature and value of more than 40 Million-----5</li> <li>○ Project of similar nature but of value less than 40 Million but more than 30 Million ----- 4</li> <li>○ Project of similar nature but of value less than 30 Million but more than 15 Million ----- 2</li> <li>○ Project of similar nature but of value less than 15 Million ----- 1</li> <li>○ No completed project of similar nature -----0</li> </ul>		15
5	<p><b>On-going projects (A max of 3 No. Projects) Shall attach Notification of award or Contract Agreements.</b></p> <ul style="list-style-type: none"> <li>○ Project of similar nature and value of more than 40 Million-----4</li> <li>○ Project of similar nature but of value less than 40 Million but more than 30 Million ----- 3</li> <li>○ Project of similar nature but of value less than 30 Million but more than 15 Million ----- 2</li> <li>○ Project of similar nature but of value less than 15 Million ----- 1</li> <li>○ No completed project of similar nature -----0</li> </ul>		15

8	<p><b>Annual audited financial reports (last three (3) years) (the audited reports shall be certified by the Commissioner of Oaths)</b></p> <ul style="list-style-type: none"> <li>○ At least one of the annual turnover is greater or equal to 40 Million -----10</li> <li>○ At least one of the annual turnover greater or equal to 25 Million ----- 7</li> <li>○ At one of the annual turnover greater or equal to 15 Million -----4</li> <li>○ Annual turnover below 5 Million----- 1</li> </ul>		10
9	<p><b>Evidence of financial resources (cash in hand, lines of credit, overdraft facility etc.) (Resource documents shall be certified by the respective banks or Commissioner of Oaths)</b></p> <p>Cash in hand and lines of credit:</p> <p>Of more than 30% of tender sum-----10</p> <p>Of between 20% and 30% of tender sum----- 4</p>		10

	Of between 10% and 20% of tender sum----- 2 Below 10% of tender sum-----1		
<b>10</b>	<b>Name, address and telephone of contractor's banks.</b> ○ Provided-----2 ○ Not provided-----0		<b>3</b>
<b>11</b>	ICT Registration Certificate		<b>5</b>
<b>12</b>	<b>Litigation History</b> ○ Filled and certified by Commissioner of Oaths-----2 ○ Not filled-----0		<b>3</b>
<b>13</b>	<b>Sanctity of tender documents</b> ○ Having the document intact (not tampered with in any way) -----4 ○ Having mutilated or modified the tender document---0		<b>3</b>
	<b>TOTAL TECHNICAL SCORE (TS)</b>		<b>100</b>

**Any bidder who scores 70 points and above only shall be considered for financial evaluation.**

### **STAGE 3 - FINANCIAL EVALUATION**

The evaluation shall be in two sections

1. Preliminary examinations and
2. Tender sum Comparisons

#### **1. Preliminary examinations.**

The preliminary examination in the Financial Evaluation shall be in accordance with the Instruction to Tenderers.

The bid shall be checked for arithmetic errors based on the rates and the total sums indicated in the bills of quantities.

Confirmation shall be sought in writing from the tenderers whose tender sums will be determined to have a significant arithmetic error to their disadvantage, to confirm whether they stand by their tender sums. The error shall be treated as per **Instructions to Tenderers**.

Discount if any shall be treated as an error in pursuant to Instructions to tenderers.

#### **1. Tender Sum Comparisons.**

The bidders' total sums of each contract shall be compared and ranked from the lowest to the highest as in the table below:

TABLE 2

Serial No.	Tenderer	Tender Sum	Ranking

### **CONCLUSION**

The bidder ranked with the total lowest tender sum in each sub project shall be the most responsive bidder for the respective project. Due diligence might be done on the most responsive bidders to authenticate the information in the bid document.

## CONTENTS OF SECTION

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4. Confidential Business Questionnaire.....	45-46
5. Key Personnel.....	47
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7. Schedule of on-going projects.....	49
8. Financial reports for the last Three (3) years .....	51
9. Evidence of Financial Resources. ....	52
10. Name, Address and Telephone, Telex and Facsimile of Banks. ....	53
11. Details of Litigation or Arbitrations .....	55

### **NOTE:**

**1.0** Tenderers must duly fill these Standard Forms as a mandatory requirement except item 1&2

**PERFORMANCE BANK GUARANTEE**

**To:** The Vice Chancellor,  
Kibabii University,  
P.O. Box 1699-50200,  
**Bungoma.**

Dear Sir,

WHEREAS .....(hereinafter called “the Tenderer”) has undertaken, in pursuance of Contract No. .... dated ..... to execute ..... (Hereinafter called “the Works”);

AND WHEREAS it has been stipulated by you in the said Contract that the Contractor shall furnish you with a Bank Guarantee by a recognized bank for the sum specified therein as security for compliance with his obligations in accordance with the Contract;

AND WHEREAS we have agreed to give the Contractor such a Bank Guarantee:

NOW THEREFORE we hereby affirm that we are the Guarantor and responsible to you, on behalf of the Contractor, up to a total of:

Kshs. .... (*Amount of Guarantee in figures*)

Kenya Shillings

.....  
.....(*amount of Guarantee in words*), and we undertake to pay you, upon your first written demand and without cavil or argument, any sum or sums within the limits of Kenya Shillings ..... (*Amount of Guarantee in words*) as aforesaid without your needing to prove or to show grounds or reasons for your demand for the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the Contractor before presenting us with the demand.

We further agree that no change, addition or other modification of the terms of the Contract or of the Works to be performed thereunder or of any of the Contract documents which may be made between you and the Contractor shall in any way release us from any liability under this Guarantee, and we hereby waive notice of any change, addition, or modification.

This guarantee shall be valid until the date of issue of the Certificate of Completion.

SIGNATURE AND SEAL OF THE GUARANTOR .....

Name of Bank .....

Address ..... Date .....

**FORM OF AGREEMENT**

THIS AGREEMENT is made the .....day of .....

Between..... (Hereafter called “the Employer”) of the one part and .....of **P.O. BOX**..... (Hereafter referred to as “the Contractor”) of other part.

**WHEREAS** the Employer is desirous that the Contractor executes .....(hereinafter called “the Works”) located in the ....., and the Employer has accepted the tender submitted by the Contractor for the execution and completion of such works and the remedying of any defects therein for the fixed Contract Price of K.shs..... (Kenya Shillings .....

**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 hereinafter referred to.
2. The following documents shall be deemed to form and shall be read and construed as part of this agreement i.e.
  - i. Notification of Award letter.
  - ii. Letter of Acceptance.
  - iii. Form of Tender.
  - iv. Conditions of Contract and Appendix to Conditions of Contract.
  - v. Specifications.
  - vi. Drawings.
  - vii. Priced Bills of Quantities.
3. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the works and remedy any defects therein conformity to the provisions of the contract.
4. The Employer hereby covenants to pay the Contractor in consideration of the execution and completion of the works and the remedying of defects therein, the Contract price or such other sums 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 herein have caused this Agreement to be executed the day and year first before written.

The common seal of.....  
Was hereunto affixed in the presence of.....  
Signed sealed, and delivered by the said.....  
Binding signature of Employer.....  
Binding signature of the Contractor.....

In the presence of

- (i) Name .....
- Address.....
- Signature.....
- (ii) Name.....
- Address.....
- Signature.....

## TENDER QUESTIONNAIRE

Please fill in block letters.

1. Full names of Tenderer:

.....

2. Full address of Tenderer to which tender correspondence is to be sent (unless an agent has been appointed below):

.....

3. Telephone number (s) of Tenderer:

.....

4. Telex/Fax Address of Tenderer:

.....

5. Name of Tenderer's representative to be contacted on matters of the tender during the tender period:

.....

6. Details of Tenderer's nominated agent (if any) to receive tender notices. This is essential if the Tenderer does not have his registered address in Kenya (name, address, telephone, telex):

.....

.....

\_\_\_\_\_  
Signature of Tenderer

**CONFIDENTIAL BUSINESS QUESTIONNAIRE**

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

You are advised that it is a serious offence to give false information on this Form.

**Part 1 – General**

Business Name .....

Location of business premises:      Country/Town.....

Plot No..... Street/Road .....

Postal Address..... Tel No.....

Current Trade License No..... Expiring date.....

Maximum value of business which you can handle at any time:  
Kenya Shillings.....

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**

Give details of partners as follows:

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

4. ....

**Part 2(c) – Registered Company**

Private or Public .....

State the nominal and issued capita of the company:

Nominal: KShs. ....

Issued: KShs. ....

Give details of all directors as follows:

	Name in full	Nationality	Citizenship Details*	Shares
1.	.....	.....	.....	.....
2.	.....	.....	.....	.....
3.	.....	.....	.....	.....
4.	.....	.....	.....	.....

**Part 2(d) Interest in the Firm:**

Is there any person/persons in the employment of the Government of Kenya WHO has interest in this firm? Yes/No ..... (Delete as necessary)

I certify that the above information is correct.

.....  
Title Signature Date

**\* Attach proof of citizenship**

**KEY PERSONNEL**

Qualifications and experience of key personnel proposed for administration and execution of the Contract. (Attach CV and copies of certificates. The CV and certificates shall be valid if signed by owner in blue ink and his/her telephone number indicated on the document)

(Note: The persons herein indicated shall be subject to approval by the PM to administer the project.)

<b>POSITION</b>	<b>NAME</b>	<b>HIGHEST QUALIFICATION</b>	<b>YEARS OF EXPERIENCE (GENERAL)</b>	<b>YEARS OF EXPERIENCE IN PROPOSED POSITION</b>

I certify that the above information is correct.

.....

.....

.....

Title

Signature

Date

**CONTRACTS COMPLETED IN THE LAST FIVE (5) YEARS**

Work performed on works of a similar nature, complexity and volume over the last 5 years. (Attach Completion Certificates/Handing Over Certificates)

<b>PROJECT NAME</b>	<b>NAME OF CLIENT</b>	<b>TYPE OF WORK AND YEAR OF COMPLETION</b>	<b>VALUE OF CONTRACTIN KSHS.</b>

I certify that the above works were successfully carried out and completed by ourselves.

.....

.....

.....  
Title

Signature

Date

## SCHEDULE OF ON-GOING PROJECTS

Details of on-going or committed projects, including expected completion date. (Attach Notification of Award or Contract Agreement)

<b>Project Name</b>	<b>Name of Client</b>	<b>Contract Sum (Kshs)</b>	<b>% Complete</b>	<b>Completion Date</b>

I certify that the above works are currently being carried out by ourselves.

Title..... Signature..... Date.....

**FINANCIAL REPORTS FOR THE LAST THREE YEARS**

**(Provide Certified copies of Balance sheets, Profits and Loss Statements, Auditor's reports, etc.**

**List below and attach copies)**

1. \_\_\_\_\_.
2. \_\_\_\_\_.
3. \_\_\_\_\_.
4. \_\_\_\_\_.
5. \_\_\_\_\_.
6. \_\_\_\_\_.
7. \_\_\_\_\_.
8. \_\_\_\_\_.
9. \_\_\_\_\_.
10. \_\_\_\_\_.

**EVIDENCE OF FINANCIAL RESOURCES TO MEET QUALIFICATION  
REQUIREMENTS.**

**(Cash in Hand, Lines of credit, etc. List below and attach copies of supportive documents.)**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_

**NAME, ADDRESS AND TELEPHONE, TELEX AND FACSIMILE OF BANKS**

(This should be for banks that may provide reference if contacted by the Employer)

<b>NAME</b>	<b>ADDRESS</b>	<b>TELEPHONE</b>	<b>TELEX</b>	<b>FACSIMILE</b>

**DETAILS OF LITIGATIONS OR ARBITRATION PROCEEDINGS IN WHICH  
THE TENDERER IS INVOLVED AS ONE OF THE PARTIES**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_