STANDARD TENDER DOCUMENT

FOR

ANNUAL MAINTENANCE CONTRACT FOR SAFETY SERVICES & FIRE EQUIPMENT FOR A PERIOD OF THREE (3) YEARS

TENDER NO. KRA/HQS/NCB-003/2022-2023

LOT I: FIRE SAFETY TRAINING AND FIRE EQUIPMENT MAINTENANCE

LOT II: INTEGRATED SECURITY SYSTEM

TIMES TOWER BUILDING P.O. BOX 48240-00100 TEL: +254 02 281 7022 EMAIL: <u>eprocurement@kra.go.ke</u>

Pre – Bid Link REGISTER FOR ON-LINE PRE-BID MEETING <u>HERE</u>

29TH SEPTEMBER, 202</mark>2 at 11:00 AM

NAIROBI, KENYA.

CLOSING DATE: 11TH OCTOBER, 2022 AT 11:00 AM

BID VALIDITY 335 DAYS

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Tender Notice

1. The Kenya Revenue Authority invites sealed bids from eligible candidates for the following tenders:

NO. DESCRIPTION	ELIGIBILITY	PREBID	CLOSING
			DATE AND
			TIME
1. KRA/HQS/NCB-003/2022-2023 : ANNUAL MAINTENANCE CONTRACT FOR SAFETY SERVICES & FIRE EQUIPMENT FOR A PERIOD OF THREE (3) YEARS LOT I: FIRE SAFETY TRAINING AND FIRE EQUIPMENT MAINTENANCE LOT II: INTEGRATED SECURITY SYSTEM	OPEN	VIRTUAL 29 TH SEPTEMBER, 2022 11.00AM	11 TH OCTOBER, 2022 11.00AM

2. Interested eligible candidates may obtain further information and inspect the tender documents with detailed requirements at the office of the:

Deputy Commissioner - Supply Chain Management Times Tower Building, 21st Floor, P.O Box 48240– 00100 GPO, Tel. +254 020 310900 Nairobi, Kenya. website: www.kra.go.ke Email :<u>eprocurement@kra.go.ke</u>

- 3. A complete set of bidding documents in English may be obtained from KRA E-Procurement portal available on the KRA website www.kra.go.ke free of charge. Prospective bidders should register for E-Procurement to enable them access the KRA portal under "New Supplier Registration" found under the Tender Tab.
- 4. Qualified and interested tenderers may obtain further information and inspect the Tender Documents during office hours 8:00am-5:00pm. Completed Bids are to be saved as PDF documents marked **"KRA/HQS/NCB-003/2022-2023: ANNUAL MAINTENANCE CONTRACT FOR SAFETY SERVICES & FIRE EQUIPMENT FOR A PERIOD OF THREE (3) YEARS** and submitted to the appropriate KRA E-procurement Web Portal found on the KRA website so as to be received on or before 11th October, 2022 at 11.00 a.m.
- 5. Tendering will be conducted under National Open Competitive method using a standardized tender document. Tendering is open to all qualified and interested Tenderers
- 6. Qualified and interested tenderers may obtain further information and inspect the Tender Documents during office hours *i.e.* 0800 to 1700 hours.
- 7. Tender documents may be viewed and downloaded for free from the website <u>www.kra.go.ke</u> free of charge. Tenderers who download the tender document must forward their particulars immediately to <u>eprocurement@kra.go.ke</u>, telephone +254

02 2817022 and **P.O. BOX 48240 – 00100** to facilitate any further clarification or addendum.

- 8. The tenderer shall chronologically serialize all pages of the tender documents submitted.
- 9. Submission should strictly be done via **the KRA E-Procurement Portal**. Bidders to note that system bid submission issues shall not be addressed within 24 hours to the tender opening date and time.
- 10. Bids will be opened electronically promptly after closing time and Bidders or their representatives are welcome to witness the opening at Times Tower Building.
- 11. Tenders shall be quoted in Kenya Shillings and shall include all taxes. Tenders shall remain valid **for 335 days** from the date of opening of tenders.
- 12. An original hard copy of the Bid Security of not less than the indicated amount or equivalent amount in a freely convertible currency must be dropped in the Tender Security Box located at Times Tower Building, Ground Floor any day before the tender closing date. The Bid Security must be in a sealed envelope bearing the Tender Description and addressed to the address indicated above.
- 13. Tenders will be opened immediately after the deadline date and time specified above or any dead line date and time specified later. Tenders will be publicly opened in the presence of the Tenderers' designated representatives who choose to attend at the address above.
- 14. Late tenders will be rejected

Any canvassing or giving of false information will lead to automatic disqualification.

PROCURING ENTITY: KENYA REVENUE AUTHORITY

CONTRACT NAME AND DESCRIPTION: ANNUAL MAINTENANCE

CONTRACT FOR SAFETY SERVICES & FIRE EQUIPMENT FOR A PERIOD

OF THREE (3) YEARS

- 1. Kenya Revenue Authority invites sealed tenders for Annual Maintenance Contract for Safety Services & Fire Equipment for a period of three (3) years. Lot 1: Fire Safety Training And Fire Equipment Maintenance and Lot 2: Integrated Security System.
- 2. Tendering will be conducted under open competitive method (National) using a standardized tender document. Tendering is open to all qualified and eligible Tenderers.
- 3. The tender is in two LOTS. Bidders are allowed to quote for both lots.
- 4. Qualified and interested tenderers may obtain further information and inspect the Tender Documents from the Kenya Revenue Authority website **www.kra.go.ke**
- 5. A complete set of tender documents may obtained free of charge from the KRA website www.kra.go.ke.
- 6. Tender documents may be viewed and downloaded for free from the website www.kra.go.ke. Tenderers who download the tender document must forward their particulars immediately to *eprocurement@kra.go.ke*) to facilitate any further clarification or addendum.
- 7. All Tenders must be accompanied by a Tender security of the amount stated under each lot and shall be valid for 365 days from the date of tender closure.
- 8. The Tenderer shall chronologically serialize all pages of the tender documents submitted.
- 9. Completed tenders must be submitted electronically through the KRA supplier portal
- 10. Tenders will be opened immediately after the deadline date and time specified above or any deadline date and time specified later. Tenders will be publicly opened in the presence of the Tenderers' designated representatives who choose to attend at the address below.
- 11. Late tenders will be rejected.

12. Address for obtaining further information and for purchasing tender documents

Postal Address: Haile Selassie Avenue Physical Address Times Tower, 21st Floor Boardroom 1 Telephone: 0709 012372 Electronic mail address: *eprocurement@kra.go.ke*

[Authorized Official (name, designation, Signature and date)]

Name

(Official of the Procuring Entity issuing the invitation)

Designation

Signature_____

Date_____

PART 1 - TENDERING PROCEDURES

SECTION I - INSTRUCTIONS TO TENDERERS

A. General

1. Scope of Tender

1.1 This tendering document is for the delivery of Maintenance Services, as specified in Section V, Procuring Entity's Requirements. The name, identification and number of lots (contracts) of this ITT procurement are specified in the **TDS**.

2. Definitions

- 2.1 Throughout this tendering document:
 - a) the term "in writing" means communicated in written form (e.g. by mail, e-mail, fax, including if specified in the **TDS**, distributed or received through the electronic-procurement system used by the Procuring Entity) with proof of receipt;
 - b) if the context so requires, "singular" means "plural" and vice versa; and
 - c) "Day" means calendar day, unless otherwise specified as "Business Day". A Business Day is any day that is an official working day of the Procuring Entity. It excludes the Procuring Entity's official public holidays.
- 2.2 The successful Tenderer will be expected to complete the performance of the Services by the Intended Completion Date provided in the contract.

3. Fraud and Corruption

- 3.1 The Procuring Entity requires compliance with the provisions of the Public Procurement and Asset Disposal Act, 2015, Section 62 "Declaration not to engage in corruption". The tender submitted by a person shall include a declaration that the person shall not engage in any corrupt or fraudulent practice and a declaration that the person or his or her sub-contractors are not debarred from participating in public procurement proceedings.
- 3.2 The Procuring Entity requires compliance with the provisions of the Competition Act2 010, regarding collusive practices in contracting. Any tenderer found to have engaged in collusive conduct shall be disqualified and criminal and/or civil sanctions may be imposed. To this effect, Tenders shall be required to complete and sign the "Certificate of Independent Tender Determination" annexed to the Form of Tender.
- 3.3 Unfair Competitive Advantage-Fairness and transparency in the tender process require that the firms or their Affiliates competing for a specific assignment do not derive a competitive advantage from having provided consulting services related to this tender. To that end, the Procuring Entity shall indicate in the **TDS** and make available to all the firms together with this tender document all information that would in that respect give such firm any unfair competitive advantage over competing firms.
- 3.4 Unfair Competitive Advantage Fairness and transparency in the tender process require that the Firms or their Affiliates competing for a specific assignment do not derive a competitive advantage from having provided consulting services related to the contract being tendered for. The Procuring Entity shall indicate in the **TDS** firms (if any) that provided consulting services for the contract being tendered for. The Procuring Entity shall check whether the owners or controllers of the Tenderer are same as those that provided consulting services. The Procuring Entity shall, upon request, make available to any tenderer information that would give such firm unfair competitive advantage over competing firms.
- 3.5 Tenderers shall permit and shall cause their agents (where declared or not), subcontractors, subconsultants, service providers, suppliers, and their personnel, to permit the Procuring Entity to inspect all accounts, records and other documents relating to any initial selection process, prequalification process, tender submission, proposal submission, and contract performance (in the case of award), and to have them audited by auditors appointed by the Procuring Entity.

4. Eligible Tenderers

- 4.1 A Tenderer may be a firm that is a private entity, a state-owned entity or institution subject to ITT 4.6, or any combination of such entities in the form of an association or subcontracting arrangement or a Joint Venture (JV) under an existing agreement or with the intent to enter into such an agreement supported by a Form of intent. In the case of a joint venture, all members shall be jointly and severally liable for the execution of the entire Contract in accordance with the Contract terms. The JV shall nominate a Representative who shall have the authority to conduct all business for and on behalf of any and all the members of the JV during the Tendering process and, in the event the JV is awarded the Contract, during contract execution. The maximum number of JV members shall be specified in the **TDS.**
- 4.2 Public Officers of the Procuring Entity, their Spouses, Child, Parent, Brothers or Sister. Child, Parent, Brother or Sister of a Spouse, their business associates or agents and firms/organizations in which they have a substantial or controlling interest shall not be eligible to tender or be awarded a contract. Public Officers are also not allowed to participate in any procurement proceedings.
- 4.3 A Tenderer shall not have a conflict of interest. Any Tenderer found to have a conflict of interest shall be disqualified. A Tenderer may be considered to have a conflict of interest for the purpose of this Tendering process, if the Tenderer:
 - a) Directly or indirectly controls, is controlled by or is under common control with another Tenderer; or
 - b) Receives or has received any direct or indirect subsidy from another Tenderer; or
 - c) Has the same legal representative as another Tenderer; or
 - d) Has a relationship with another Tenderer, directly or through common third parties, that puts it in a position to influence the Tender of another Tenderer, or influence the decisions of the Procuring Entity regarding this Tendering process; or
 - e) Or any of its affiliates participated as a consultant in the preparation of the Procuring Entity's Requirements (including Activities Schedules, Performance Specifications and Drawings) for the Maintenance services that are the subject of the Tender; or
 - f) Or any of its affiliates has been hired (or is proposed to be hired) by the Procuring Entity or Procuring Entity for the Contract implementation; or
 - g) Would be providing goods, works, or maintenance services resulting from or directly related to consulting services for the preparation or implementation of the project specified in the **TDS** ITT 2.1 that it provided or were provided by any affiliate that directly or indirectly controls, is controlled by, or is under common control with that firm; or
 - h) Has a close business or family relationship with a professional staff of the Procuring Entity or of the project implementing agency, who: (i) are directly or indirectly involved in the preparation of the tendering document or specifications of the contract, and/or the Tender evaluation process of such contract; or (ii) would be involved in the implementation or supervision of such contract unless the conflict stemming from such relationship has been resolved in a manner acceptable to the Procuring Entity throughout the procurement process and execution of the Contract.
- 4.4 A firm that is a Tenderer (either individually or as a JV member) shall not participate in more than one Tender, except for permitted alternative Tenders. This includes participation as a subcontractor. Such participation shall result in the disqualification of all Tenders in which the firm is involved. A firm that is not a Tenderer or a JV member, may participate as a sub-contractor in more than one Tender.
- 4.5 A Tenderer may have the nationality of any country, subject to the restrictions pursuant to ITT 4.9. A Tenderer shall be deemed to have the nationality of a country if the Tenderer is constituted, incorporated or registered in and operates in conformity with the provisions of the laws of that country, as evidenced by its articles of incorporation (or equivalent documents of constitution or association) and its registration documents, as the case may be. This criterion also shall apply to the determination of the nationality of proposed subcontractors or sub-consultants for any part of the Contract including related Services.
- 4.6 A Tenderer that has been sanctioned by PPRA or are under a temporary suspension or a debarment imposed by any other entity of the Government of Kenya, shall be ineligible to be prequalified for, initially selected for, tender for, propose for, or be awarded a contract during such period of

sanctioning. The list of debarred firms and individuals is available at the electronic address info@ppra.go.ke .

- 4.7 Tenderers that are state-owned enterprises or institutions in Kenya may be eligible to compete and be awarded a Contract(s) only if they can establish that they: (i) are legally and financially autonomous; (ii) operate under commercial law; and (iii) are not under supervision of the Procuring Entity.
- 4.8 A Tenderer under suspension from tendering as the result of the operation of a Tender-Securing Declaration or Proposal-Securing Declaration shall not be eligible to tender.
- 4.9 Firms and individuals may be ineligible if (a) as a matter of law or official regulations, Kenya prohibits commercial relations with that country, or (b) by an act of compliance with a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations, Kenya prohibits any import of goods or contracting of works or services from that country, or any payments to any country, person, or entity in that country.
- 4.10 Foreign tenderers are required to source at least forty (40%) percent of their contract inputs (in supplies, subcontracts and labor) from national suppliers and contractors. To this end, a foreign tenderer shall provide in its tender documentary evidence that this requirement is met. Foreign tenderers not meeting this criterion will be automatically disqualified. Information required to enable the Procuring Entity determine if this condition is met shall be provided in for this purpose is be provided in "SECTION III EVALUATION AND QUALIFICATION CRITERIA, Item 9".
- 4.11 Pursuant to the eligibility requirements of ITT 4.10, a tender is considered a foreign tenderer, if it is registered in Kenya, has less than 51 percent ownership by nationals of Kenya and if it does not subcontract foreign contractors more than 10 percent of the contract price, excluding provisional sums. JVs are considered as foreign tenderers if the individual member firms are registered in Kenya have less 51 percent ownership by nationals of Kenya. The JV shall not subcontract to foreign firms more than 10 percent of the contract price, excluding provisional sums.
- 4.12 TheProcuringEntitymayrequiretendererstoberegisteredwithcertainauthoritiesinKenya.Suchregistration shall be defined in the **TDS**, butcaremustbetakentoensuresuchregistrationrequirementdoesnotdiscourage competition, nor exclude competent tenderers. Registration shall not be a condition for tender, but where a selected tenderer is not so registered, the tenderer shall be given opportunity to register before signature of contract.
- 4.13 The Competition Act of Kenya requires that firms wishing to tender as Joint Venture undertakings which may prevent, distort or lessen competition in provision of services are prohibited unless they are exempt in accordance with the provisions of Section 25 of the Competition Act, 2010. JVs will be required to seek for exemption from the Competition Authority. Exemption shall not be a condition for tender, but it shall be a condition of contract award and signature. A JV tenderer shall be given opportunity to seek such exemption as a condition of award and signature of contract. Application for exemption from the Competition Authority of Kenya may be accessed from the website www.cak.go.ke
- 4.14 A Tenderer may be considered ineligible if he/she offers goods, works and production processes with characteristics that have been declared by the relevant national environmental protection agency or by other competent authority as harmful to human beings and to the environment shall not be eligible for procurement.

5. Qualification of the Tenderer

- 5.1 All Tenderers shall provide in Section IV, Tendering Forms, a preliminary description of the proposed work method and schedule, including drawings and charts, as necessary.
- 5.2 In the event that prequalification of Tenderers has been undertaken as stated in ITT 18.4, the provisions on qualifications of the Section III, Evaluation and Qualification Criteria shall not apply.

B. Contents of Tendering Document

6. Sections of Tendering Document

6.1 The tendering document consists of Parts 1, 2, and 3, which include all the sections indicated below and should be read in conjunction with any Addenda issued in accordance with ITT 9.

PART 1: Tendering Procedures

- i) ii) iii)
- Section I-Instructions to Tenderers (ITT) Section II-Tender Data Sheet (TDS) Section III-Evaluation and Qualification Criteria

iv) Section IV – Tendering Forms

PART 2: Procuring Entity's Requirements

v) Section V- Procuring Entity's Requirements

PART 3: Contract

- vi) Section VI- General Conditions of Contract (GCC)
- vii) Section VII- Special Conditions of Contract (SCC)
- viii) Section VIII- Contract Forms
- 6.2 The Invitation to Tender (ITT) or the notice to prequalify Tenderers, as the case may be, issued by the Procuring Entity is not part of this tendering document.
- 6.3 Unless obtained directly from the Procuring Entity, the Procuring Entity is not responsible for the completeness of the document, responses to requests for clarification, the Minutes of the pre-Tender meeting (if any), or Addenda to the tendering document in accordance with ITT 9. In case of any contradiction, documents obtained directly from the Procuring Entity shall prevail.
- 6.4 The Tenderer is expected to examine all instructions, forms, terms, and specifications in the tendering document and to furnish with its Tender all information or documentation as is required by the tendering document.

7. Site Visit

7.1 The Tenderer, at the Tenderer's own responsibility and risk, is encouraged to visit and examine the Site of the Required Services and its surroundings and obtain all information that may be necessary for preparing the Tender and entering into a contract for the Services. The costs of visiting the Site shall be at the Tenderer's own expense.

8. Pre-Tender Meeting and a pre-arranged pretender visit of the site of the works

- 8.1 The Procuring Entity shall specify in the **TDS** if a pre-tender conference will be held, when and where. The Procuring Entity shall also specify in the **TDS** if a pre-arranged pretender visit of the site of the works will be held and when. The Tenderer's designated representative is invited to attend a pre-arranged pretender visit of the site of the works. The purpose of the meeting will be to clarify issues and to answer questions on any matter that may be raised at that stage.
- 8.2 The Tenderer is requested to submit any questions in writing, to reach the Procuring Entity not later than the period specified in the **TDS** before the meeting.
- 8.3 Minutes of the pre-Tender meeting and the pre-arranged pretender visit of the site of the works, if applicable, including the text of the questions asked by Tenderers and the responses given, together with any responses prepared after the meeting, will be transmitted promptly to all Tenderers who have acquired the Tender Documents in accordance with ITT 6.3. Minutes shall not identify the source of the questions asked.
- 8.4 The Procuring Entity shall also promptly publish anonymized (no names) Minutes of the pre-Tender meeting and the pre-arranged pretender visit of the site of the works at the web page identified in the **TDS**. Any modification to the Tender Documents that may become necessary as a result of the pre-Tender meeting shall be made by the Procuring Entity exclusively through the issue of an Addendum pursuant to ITT 10 and not through the minutes of the pre-Tender meeting. Nonattendance at the pre-Tender meeting will not be a cause for disqualification of a Tenderer.

9. Clarification of Tender Documents

9.1 A Tenderer requiring any clarification of the Tender Document shall contact the Procuring Entity in writing at the Procuring Entity's address specified in the **TDS** or raise its enquiries during the pre-Tender meeting and the pre-arranged pretender visit of the site of the works if provided for in accordance with ITT 8.4. The Procuring Entity will respond in writing to any request for clarification, provided that such request is received no later than the period specified in the **TDS** prior to the deadline for submission of tenders. The Procuring Entity shall forward copies of its response to all tenderers who have acquired the Tender Documents in accordance with ITT 6.3, including a description of the inquiry but without identifying its source. If so specified in the **TDS**, the Procuring Entity shall also promptly publish its response at the web page identified in the **TDS**. Should the clarification result in changes to the essential elements of the Tender Documents, the Procuring Entity shall amend the Tender Documents appropriately following the procedure under ITT 10.

10. Amendment of Tendering Document

- 10.1 At any time prior to the deadline for submission of Tenders, the Procuring Entity may amend the Tendering document by issuing addenda.
- 10.2 Any addendum issued shall be part of the tendering document and shall be communicated in writing to all who have obtained the tendering document from the Procuring Entity in accordance with ITT 6.3. The Procuring Entity shall also promptly publish the addendum on the Procuring Entity's webpage in accordance with ITT 8.1.
- 10.3 To give prospective Tenderers reasonable time in which to take an addendum into account in preparing their Tenders, the Procuring Entity shall extend, as necessary, the deadline for submission of Tenders, in accordance with ITT 24.2 below.

C. Preparation of Tenders

11. Cost of Tendering

11.1 The Tenderer shall bear all costs associated with the preparation and submission of its Tender, and the Procuring Entity shall not be responsible or liable for those costs, regardless of the conduct or outcome of the Tendering process.

12. Language of Tender

12.1 The Tender as well as all correspondence and documents relating to the Tender exchanged by the Tenderer and the Procuring Entity shall be written in the English language. Supporting documents and printed literature that are part of the Tender maybe in another language provided they are accompanied by an accurate translation of the relevant passages into the English language, in which case, for purposes of interpretation of the Tender, such translation shall govern.

13. Documents Comprising the Tender

13.1 The Tender shall comprise the following:

- a) Form of Tender prepared in accordance with ITT 14;
- b) **Schedules:** Schedules or Requirements and priced Activity Schedule completed in accordance with ITT 14 and ITT 16;
- c) Tender Security or Tender-Securing Declaration in accordance with ITT 21.1;
- d) Alternative Tender: if permissible in accordance with ITT 15;
- e) **Authorization:** written confirmation authorizing the signatory of the Tender to commit the Tenderer, in accordance with ITT 22.3;
- f) **Qualifications:** documentary evidence in accordance with ITT 19 establishing the Tenderer's qualifications to perform the Contract if its Tender is accepted;
- g) **Tenderer's Eligibility**: documentary evidence in accordance with ITT 19 establishing the Tenderer's eligibility to Tender;
- h) **Conformity**: documentary evidence in accordance with ITT 18, that the Services conform to the tendering document; and
- i) Any other document required in the TDS.
- 13.2 In addition to the requirements under ITT 12.1, Tenders submitted by a JV shall include a copy of the Joint Venture Agreement entered into by all members. Alternatively, a Form of intent to execute a Joint Venture Agreement in the event of a successful Tender shall be signed by all members and submitted with the Tender, together with a copy of the proposed Agreement. The Tenderer shall chronologically serialize pages of all tender documents submitted. The Tenderer shall furnish in the Form of Tender information on commissions and gratuities, if any, paid or to be paid to agents or any other party relating to this Tender.

14. Form of Tender and Activity Schedule

14.1 The Form of Tender and priced Activity Schedule shall be prepared using the relevant forms furnished in Section IV, Tendering Forms. The forms must be completed without any alterations to the text, and no substitutes shall be accepted except as provided under ITT 21.3. All blank spaces shall be filled in with the information requested.

15. Alternative Tenders

- 15.1Unless otherwise indicated in the TDS, alternative Tenders shall not be considered. If alternatives are permitted, only the technical alternatives, if any, of the Most Advantageous Tenderer shall be considered by the Procuring Entity.
- 15.2When alternative times for completion are explicitly invited, a statement to that effect will be included in the TDS and the method of evaluating different time schedules will be described in Section III, Evaluation and Qualification Criteria.
- 15.3When specified in the TDS, Tenderers are permitted to submit alternative technical solutions for specified parts of the Services, and such parts will be identified in the TDS, as will the method for their evaluating, and described in Section VII, Procuring Entity's Requirements.

16. Tender Prices and Discounts

- 16.1The prices and discounts (including any price reduction) quoted by the Tenderer in the Form of Tender and in the Activity Schedule(s) shall conform to the requirements specified below.
- 16.2All lots (contracts) and items must be listed and priced separately in the Activity Schedule(s).
- 16.3The Contract shall be for the Services, as described in Appendix A to the Contract and in the Specifications (or Terms of Reference), based on the priced Activity Schedule, submitted by the Tenderer.
- 16.4The Tenderer shall quote any discounts and indicate the methodology for their application in the Form of Tender in accordance with ITT 13.1.
- 16.5The Tenderer shall fill in rates and prices for all items of the Services described in the in Specifications (or Terms of Reference), and listed in the Activity Schedule in Section VII, Procuring Entity's Requirements. Items for which no rate or price is entered by the Tenderer will not be paid for by the Procuring Entity when executed and shall be deemed covered by the other rates and prices in the Activity Schedule.
- 16.6All duties, taxes, and other levies payable by the Service Provider under the Contract, or for any other cause, as of the date 28 days prior to the deadline for submission of Tenders, shall be included in the total Tender price submitted by the Tenderer.
- 16.7If provided for in the TDS, the rates and prices quoted by the Tenderer shall be subject to adjustment during the performance of the Contract in accordance with and the provisions of Clause 6.6 of the General Conditions of Contract and/or Special Conditions of Contract. The Tenderer shall submit with the Tender all the information required under the Special Conditions of Contract and of the General Conditions of Contract.
- 16.8For the purpose of determining the remuneration due for additional Services, a breakdown of the lumpsum price shall be provided by the Tenderer in the form of Appendices D and E to the Contract.

17. Currencies of Tender and Payment

17 The currency of the Tender and the currency of payments shall be Kenya Shillings.

18. Documents Establishing Conformity of Services

18.1 To establish the conformity of the Maintenance services to the tendering document, the Tenderer shall furnish as part of its Tender the documentary evidence that Services provided conform to the technical specifications and standards specified in Section VII, Procuring Entity's Requirements.

18.2 Standards for provision of the Maintenance services are intended to be descriptive only and not restrictive. The Tenderer may offer other standards of quality provided that it demonstrates, to the Procuring Entity's satisfaction, that the substitutions ensure substantial equivalence or are superior to those specified in the Section VII, Procuring Entity's Requirements.

19. Documents Establishing the Eligibility and Qualifications of the Tenderer

- 19.1 Tenderers shall complete the Form of Tender and all the Tendering Forms included in Section IV to establish their eligibility in accordance with ITT 4.
- 19.2 The documentary evidence of the Tenderer's qualifications to perform the Contract if its Tender is accepted shall establish to the Procuring Entity's satisfaction that the Tenderer meets each of the qualification criterion specified in Section III, Evaluation and Qualification Criteria.
- 19.3 In the event that prequalification of Tenderers has been undertaken as stated in the **TDS**, only Tenders from prequalified Tenderers shall be considered for award of Contract. The prequalified Tenderers should submit with their Tenders any information updating their original prequalification applications or, alternatively, confirm in their Tenders that the originally submitted prequalification information remains essentially correct as of the date of Tender submission.
- 19.4 Tenderers shall be asked to provide, as part of the data for qualification, such information, including details of ownership, as shall be required to determine whether, according to the classification established by the Procuring Entity, a Service provider or group of service providers qualifies for a margin of preference. Further the information will enable the Procuring Entity identify any actual or potential conflict of interest in relation to the procurement and/or contract management processes, or a possibility of collusion between tenderers, and there by help to prevent any corrupt influence in relation to the procurement process or contract management.
- 19.5 The purpose of the information described in ITT 18.1 above overrides any claims to confidentiality which a tenderer may have. There can be no circumstances in which it would be justified for a tenderer to keep information relating to its ownership and control confidential where it is tendering to undertake public sector work and receive public sector funds. Thus, confidentiality will not be accepted by the Procuring Entity as a justification for a Tenderer's failure to disclose, or failure to provide required information on its ownership and control.
- 19.6 The Tenderer shall provide further documentary proof, information or authorizations that the Procuring Entity may request in relation to ownership and control which information on any changes to the information which was provided by the tenderer under ITT 6.3. The obligations to require this information shall continue for the duration of the procurement process and contract performance and after completion of the contract, if any change to the information previously provided may reveal a conflict of interest in relation to the award or management of the contract.
- 19.7 All information provided by the tenderer pursuant to these requirements must be complete, current and accurate as at the date of provision to the Procuring Entity. In submitting the information required pursuant to these requirements, the Tenderer shall warrant that the information submitted is complete, current and accurate as at the date of submission to the Procuring Entity.
- 19.8 If a tenderer fails to submit the information required by these requirements, its tenderer will be rejected. Similarly, if the Procuring Entity is unable, after taking reasonable steps, to verify to a reasonable degree the information submitted by a tenderer pursuant to these requirements, then the tender will be rejected.
- 19.9 If information submitted by a tenderer pursuant to these requirements, or obtained by the Procuring Entity (whether through its own enquiries, through notification by the public or otherwise), shows any conflict of interest which could materially and improperly benefit the tenderer in relation to the procurement or contract management process, then:
 - i) If the procurement process is still ongoing, the tenderer will be disqualified from the procurement process,
 - ii) If the contract has been awarded to that tenderer, the contract award will be set aside,
 - iii) The tenderer will be referred to the relevant law enforcement authorities for investigation of whether the tenderer or any other person shave committed any criminal offence.
- 19.10 If a tenderer submits information pursuant to these requirements that is incomplete, inaccurate or out-of-date, or attempts to obstruct the verification process, then the consequences ITT 6.7 will ensue unless the tenderer can show to the reasonable satisfaction of the Procuring Entity that any such act was not material, or was due to genuine error which was not attributable to the intentional act, negligence or recklessness of the tenderer.

19.11 A Kenyan tenderer shall provide evidence of having fulfilled his/her tax obligations by producing a valid tax compliance certificate or tax exemption certificate issued by the Kenya Revenue Authority.

20. Period of Validity of Tenders

- 20.1enders shall remain valid for the Tender Validity period specified in the TDS. The Tender Validity period starts from the date fixed for the Tender submission deadline date (as prescribed by the Procuring Entity in accordance with ITT 23.1). A Tender valid for a shorter period shall be rejected by the Procuring Entity as non-responsive.
- 20.2In exceptional circumstances, prior to the expiration of the Tender validity period, the Procuring Entity may request Tenderers to extend the period of validity of their Tenders. The request and the responses shall be made in writing. If a Tender Security is requested in accordance with ITT 20, it shall also be extended for a corresponding period. A Tenderer may refuse the request without forfeiting its Tender Security. A Tenderer granting the request shall not be required or permitted to modify its Tender, except as provided in ITT 19.3.

21. Tender Security

- 21.1 The Tenderer shall furnish as part of its Tender, either a Tender-Securing Declaration or a Tender security, as specified in the TDS, in original form and, in the case of a Tender Security, in the amount and currency specified in the TDS.
- 21.2 A Tender Securing Declaration shall use the form included in Section IV, Tendering Forms.
- 21.3 If a Tender Security is specified pursuant to ITT 20.1, from a reputable source, and an eligible country and shall be in any of the following forms at the Tenderer's option:
 - i) cash;
 - ii) a bank guarantee;
 - iii) a guarantee by an insurance company registered and licensed by the Insurance Regulatory Authority listed by the Authority; or
 - iv) a guarantee issued by a financial institution approved and licensed by the Central Bank of Kenya,
- 21.4If a Tender Security is specified pursuant to ITT 20.1, any Tender not accompanied by a substantially responsive Tender Security shall be rejected by the Procuring Entity as non-responsive.
- 21.5If a Tender Security is specified pursuant to ITT 20.1, the Tender Security of unsuccessful Tenderers shall be returned as promptly as possible upon the successful Tenderer's signing the contract and furnishing the Performance Security pursuant to ITT 46.
- 21.6The Tender Security of the successful Tenderer shall be returned as promptly as possible once the successful Tenderer has signed the Contract and furnished the required Performance Security. The Procurement Entity shall also return tender security to the tenderers where;
 - a). The procurement proceedings are terminated
 - b). All tenders were determined non-responsive and
 - c). Where a bidder decline to extent the tender validity period.
- 21.7 The Tender Security may be forfeited or the Tender-Securing Declaration executed:
 - a)if a Tenderer withdraws its Tender during the period of Tender validity specified by the Tenderer in the Form of Tender, or any extension thereto provided by the Tenderer; or
 - b) if the successful Tenderer fails to:
 - i) sign the Contract in accordance with ITT 45; or
 - ii) furnish a performance security in accordance with ITT 46.
- 21.8The Tender Security or Tender-Securing Declaration of a JV must be in the name of the JV that submits the Tender. If the JV has not been legally constituted into a legally enforceable JV at the time of Tendering, the Tender security or Tender-Securing Declaration shall be in the names of all future members as named in the Form of intent referred to in ITT 4.1 and ITT 12.2.

21.9If a Tender Security is not required in the TDS, pursuant to ITT 20.1, and

- a) if a Tenderer withdraws its Tender during the period of Tender validity specified by the Tenderer on the Form of Tender; or
- b) if the successful Tenderer fails to:
 - i) sign the Contract in accordance with ITT 45; or
 - ii) furnish a performance security in accordance with ITT 46;
 - the Procuring Entity may, if provided for **in the TDS**, declare the Tenderer ineligible to be awarded a contract by the Procuring Entity for a period of time as stated **in the TDS**.

22. Format and Signing of Tender

- 22.1 The Tenderer shall prepare one original of the documents comprising the Tender as described in ITT 12, bound with the volume containing the Form of Tender, and clearly marked "Original." In addition, the Tenderer shall submit copies of the Tender, in the number specified in the **TDS**, and clearly marked as "Copies." In the event of discrepancy between them, the original shall prevail.
- 22.2 Tenderers shall mark as "CONFIDENTIAL" information in their Tenders which is confidential to their business. This may include proprietary information, trade secrets, or commercial or financially sensitive information.
- 22.3 The original and all copies of the Tender shall be typed or written in indelible ink and shall be signed by a person or persons duly authorized to sign on behalf of the Tenderer. This authorization shall consist of a written confirmation as specified in the TDS and shall be attached to the Tender. The name and position held by each person signing the authorization must be typed or printed below the signature. All pages of the Tender where entries or amendments have been made shall be signed or initialed by the person signing the Tender.
- 22.4 In case the Tenderer is a JV, the Tender shall be signed by an authorized representative of the JV on behalf of the JV, and so as to be legally binding on all the members as evidenced by a power of attorney signed by their legally authorized representatives.
- 22.5 Any inter-lineation, erasures, or overwriting shall be valid only if they are signed or initialed by the person signing the Tender.

D. Submission and Opening of Tenders

23. Sealing and Marking of Tenders

- 23.1 Depending on the sizes or quantities or weight of the tender documents, a tenderer may use an envelope, package or container. The Tenderer shall deliver the Tender in a single sealed envelope, or in a single sealed package, or in a single sealed container bearing the name and Reference number of the Tender, addressed to the Procuring Entity and a warning not to open before the time and date for Tender opening date. Within the single envelope, package or container, the Tenderer shall place the following separate, sealed envelopes:
 - in an envelope or package or container marked "ORIGINAL", all documents comprising the Tender, as described in ITT 11; and
 - in an envelope or package or container marked "COPIES", all required copies of the Tender; and
 - if alternative Tenders are permitted in accordance with ITT 13, and if relevant:
 - i) in an envelope or package or container marked "ORIGINAL –ALTERNATIVE TENDER", the alternative Tender; and
 - ii) in the envelope or package or container marked "COPIES- ALTERNATIVE TENDER", all required copies of the alternative Tender.

23.2 The inner envelopes or packages or containers shall:

a) bear the name and address of the Procuring Entity.

- b) bear the name and address of the Tenderer; and
- c)bear the name and Reference number of the Tender.

no responsibility for the misplacement or premature opening of the Tender. Tenders that are misplaced or opened prematurely will be rejected.

24. Deadline for Submission of Tenders

- 24 Tenders must be received by the Procuring Entity at the address and no later than the date and time specified in the **TDS**. When so specified in the **TDS**, Tenderers shall have the option of submitting their Tenders electronically. Tenderers submitting Tenders electronically shall follow the electronic Tender submission procedures specified in the **TDS**.
- 25 The Procuring Entity may, at its discretion, extend the deadline for the submission of Tenders by amending the tendering document in accordance with ITT 9, in which case all rights and obligations of the Procuring Entity and Tenderers previously subject to the deadline shall thereafter be subject to the deadline as extended.

25. Late Tenders

25.1 The Procuring Entity shall not consider any Tender that arrives after the deadline for submission of Tenders, in accordance with ITT 23. Any Tender received by the Procuring Entity after the deadline for submission of Tenders shall be declared late, rejected, and returned unopened to the Tenderer.

26. Withdrawal, Substitution and Modification of Tenders

- 26.1 A Tenderer may withdraw, substitute, or modify its Tender after it has been submitted by sending a written notice, duly signed by an authorized representative, and shall include a copy of the authorization (the power of attorney) in accordance with ITT 21.3, (except that withdrawal notices do not require copies). The corresponding substitution or modification of the Tender must accompany the respective written notice. All notices must be:
- 26.2 prepared and submitted in accordance with ITT 21 and ITT 22 (except that withdrawal notices do not require copies), and in addition, the respective envelopes shall be clearly marked "WITHDRAWAL," "SUBSTITUTION," or "MODIFICATION;" and
- 26.3 received by the Procuring Entity prior to the deadline prescribed for submission of Tenders, in accordance with ITT 23.
- 26.4 Tenders requested to be withdrawn in accordance with ITT 25.1 shall be returned unopened to the Tenderers.
- 26.5 No Tender may be withdrawn, substituted, or modified 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 Form of Tender or any extension thereof.

27. Tender Opening

- 27.1 Except as in the cases specified in ITT 23 and ITT 25.2, the Procuring Entity shall, at the Tender opening, publicly open and read out all Tenders received by the deadline at the date, time and place specified in the TDS in the presence of Tenderers' designated representatives and anyone who choose to attend. Any specific electronic Tender opening procedures required if electronic tendering is permitted in accordance with ITT 23.1, shall be as specified in the TDS.
- 27.2 First, envelopes marked "WITHDRAWAL" shall be opened and read out and the envelope with the corresponding Tender shall not be opened, but returned to the Tenderer. If the withdrawal envelope does not contain a copy of the "power of attorney" confirming the signature as a person duly authorized to sign on behalf of the Tenderer, the corresponding Tender will be opened. No Tender withdrawal shall be permitted unless the corresponding withdrawal notice contains a valid authorization to request the withdrawal and is read out at Tender opening.
- 27.3 Next, envelopes marked "SUBSTITUTION" shall be opened and read out and exchanged with the corresponding Tender being substituted, and the substituted Tender shall not be opened, but returned to the Tenderer. No Tender substitution shall be permitted unless the corresponding substitution notice contains a valid authorization to request the substitution and is read out at Tender opening.
- 27.4 Next, envelopes marked "MODIFICATION" shall be opened and read out with the corresponding Tender. No Tender modification shall be permitted unless the corresponding modification notice contains a valid authorization to request the modification and is read out at Tender opening.

- 27.5 Next, all remaining envelopes shall be opened one at a time, reading out: the name of the Tenderer and whether there is a modification; the total Tender Prices, per lot (contract) if applicable, including any discounts and alternative Tenders; the presence or absence of a Tender Security or Tender-Securing Declaration, if required; and any other details as the Procuring Entity may consider appropriate.
- 27.6 Only Tenders, alternative Tenders and discounts that are opened and read out at Tender opening shall be considered further. The Form of Tender and the priced Activity Schedule are to be initialed by representatives of the Procuring Entity attending Tender opening in the manner specified in the **TDS**.
- 27.7 The Procuring Entity shall neither discuss the merits of any Tender nor reject any Tender (except for late Tenders, in accordance with ITT 24.1).
- 27.8 The Procuring Entity shall prepare a record of the Tender opening that shall include, as a minimum:
 - a) The name of the Tenderer and whether there is a withdrawal, substitution, or modification;
 - b) The Tender Price, per lot (contract) if applicable, including any discounts; and
 - c) Any alternative Tenders;
 - d) The presence or absence of a Tender Security or Tender-Securing Declaration, if one was required.
- 27.9 The Tenderers' representatives who are present shall be requested to sign the record. The omission of a Tenderer's signature on the record shall not invalidate the contents and effect of the record. A copy of the opening registers shall be distributed to all Tenderers upon request.

E. Evaluation and Comparison of Tenders

28. Confidentiality

- 28.1 Information relating to the evaluation of Tenders and recommendation of contract award, shall not be disclosed to Tenderers or any other persons not officially concerned with the Tendering process until information on the Intention to Award the Contract is transmitted to all Tenderers in accordance with ITT 41.
- 22.2 Any effort by a Tenderer to influence the Procuring Entity in the evaluation or contract award decisions may result in the rejection of its Tender.
- 28.3 Notwithstanding ITT 27.2, from the time of Tender opening to the time of Contract Award, if any Tenderer wishes to contact the Procuring Entity on any matter related to the Tendering process, it should do so in writing.

29 Clarification of Tenders

- 29.1 To assist in the examination, evaluation, and comparison of Tenders, and qualification of the Tenderers, the Procuring Entity may, at the Procuring Entity's discretion, ask any Tenderer for clarification of its Tender including breakdowns of the prices in the Activity Schedule, and other information that the Procuring Entity may require. Any clarification submitted by a Tenderer in respect to its Tender and that is not in response to a request by the Procuring Entity shall not be considered. The Procuring Entity's request for clarification and the response shall be in writing. No change, including any voluntary increase or decrease, in the prices or substance of the Tender shall be sought, offered, or permitted, except to confirm the correction of arithmetic errors discovered by the Procuring Entity in the evaluation of the Tenders, in accordance with ITT 32.
- 29.2 If a Tenderer does not provide clarifications of its Tender by the date and time set in the Procuring Entity's request for clarification, its Tender may be rejected.

30 Deviations, Reservations, and Omissions

- 31.1 During the evaluation of Tenders, the following definitions apply:
 - a) "Deviation" is a departure from the requirements specified in the tendering document;
 - b) "Reservation" is the setting of limiting conditions or withholding from complete acceptance of the requirements specified in the tendering document; and
 - c) "Omission" is the failure to submit part or all of the information or documentation required in the tendering document.

31. Determination of Responsiveness

- 31.1 The Procuring Entity's determination of a Tender's responsiveness is to be based on the contents of the Tender itself, as defined in ITT 12.
- 31.2 A substantially responsive Tender is one that meets the requirements of the tendering document without material deviation, reservation, or omission. A material deviation, reservation, or omission is one that: a)
 - If accepted, would:
 - Affect in any substantial way the scope, quality, or performance of the Maintenance services i) specified in the Contract; or
 - Limit in any substantial way, inconsistent with the tendering document, the Procuring Entity's ii) rights or the Tenderer's obligations under the Contract; or
 - b) if rectified, would unfairly affect the competitive position of other Tenderers presenting substantially responsive Tenders.
- 31.2 The Procuring Entity shall examine the technical aspects of the Tender submitted in accordance with ITT 17 and ITT18, in particular, to confirm that all requirements of Section VII, Procuring Entity's Requirements have been met without any material deviation or reservation, or omission.
- 31.3 If a Tender is not substantially responsive to the requirements of tendering document, it shall be rejected by the Procuring Entity and may not subsequently be made responsive by correction of the material deviation, reservation, or omission. Non-conformities, Errors and Omissions
- 31.4 Provided that a Tender is substantially responsive, the Procuring Entity may waive any non-conformities in the Tender.
- 31.5 Provided that a Tender is substantially responsive, the Procuring Entity may request that the Tenderer submit the necessary information or documentation, within a reasonable period of time, to rectify nonmaterial non- conformities or omissions in the Tender related to documentation requirements. Requesting information or documentation on such non-conformities shall not be related to any aspect of the price of the Tender. Failure of the Tenderer to comply with the request may result in the rejection of its Tender.
- 31.6 Provided that a Tender is substantially responsive, the Procuring Entity shall rectify quantifiable non material non-conformities related to the Tender Price. To this effect, the Tender Price shall be adjusted, for comparison purposes only, to reflect the price of a missing or non-conforming item or component in the manner specified in the TDS.

32. Arithmetical Errors

- 32.1 Corrected tender prices shall not be used in the evaluation of tenders, comparison of tender prices.
- 32.2 The tender sum as submitted and read out during the tender opening shall be absolute and final and shall not be the subject of correction, adjustment or amendment in anyway by any person or entity.
- 32.3 Provided that the Tender is substantially responsive, the Procuring Entity shall handle errors on the following basis:
 - a) Any error detected if considered a major deviation that affects the substance of the tender, shall lead to disqualification of the tender as non-responsive.
 - b) Any errors in the submitted tender arising from a miscalculation of unit price, quantity, subtotal and total bid price shall be considered as a major deviation that affects the substance of the tender and shall lead to disqualification of the tender as non-responsive. and
 - c) If there is a discrepancy between words and figures, the amount in words shall prevail,

33. Conversion to Single Currency

33.1 For evaluation and comparison purposes, conversion of the currency (ies) of to a single currency preference shall not apply.

34. Margin of Preference

34.1 Margin of preference on local service providers may be allowed if it is deemed that the services require participation of foreign tenderers. If so allowed, it will be indicated in the TDS.

34.2 Where it is intended to reserve the contract to specific groups under Small and Medium Enterprises, or enterprise of women, youth and/or persons living with disability, who are appropriately registered as such by the authority to be specified in the **TDS**, a procuring entity shall ensure that the invitation to tender specifically indicates that only businesses/firms belonging to the specified group are eligible to tender as specified in the **TDS**. Otherwise if not so stated, the invitation will be open to all tenderers.

35. Evaluation of Tenders

- 35.1 The Procuring Entity shall use the criteria and methodologies listed in this ITT and Section III, Evaluation and Qualification Criteria. No other evaluation criteria or methodologies shall be permitted. By applying the criteria and methodologies, the Procuring Entity shall determine the Most Advantageous Tender. This is the Tender of the Tenderer that meets the qualification criteria and whose Tender has been determined to be:
 - a) Substantially responsive to the tendering document; and
 - b) The lowest evaluated cost.
- 35.2 In evaluating the Tenders, the Procuring Entity will determine for each Tender the evaluated Tender cost by adjusting the Tender price as follows:
 - a) Price adjustment due to discounts offered in accordance with ITT 15.4;
 - b) converting the amount resulting from applying (a) and (b) above, if relevant, to a single currency in accordance with ITT 33;
 - c) price adjustment due to quantifiable nonmaterial non-conformities in accordance with ITT 31.3;
 - d) The additional evaluation factors are specified in Section III, Evaluation and Qualification Criteria.
- 35.3 The estimated effect of the price adjustment provisions of the Conditions of Contract, applied over the period of execution of the Contract, shall not be considered in Tender evaluation.
- 35.4 In the case of multiple contracts or lots, Tenderers are allowed to tender for one or more lots and the methodology to determine the lowest evaluated cost of the lot (contract) and for combinations, including any discounts offered in the Form of Tender, is specified in Section III, Evaluation and Qualification Criteria.

36. Comparison of Tenders

36.1 The Procuring Entity shall compare the evaluated costs of all substantially responsive Tenders established in accordance with ITT 35.2 to determine the Tender that has the lowest evaluated cost.

37. Abnormally Low Tenders and Abnormally High

Tenders Abnormally Low Tenders

- 37.1 An Abnormally Low Tender is one where the Tender price, in combination with other elements of the Tender, appears so low that it raises material concerns as to the capability of the Tenderer in regards to the Tenderer's ability to perform the Contract for the offered Tender Price or that genuine competition between Tenderers is compromised.
- 37.2 In the event of identification of a potentially Abnormally Low Tender, the Procuring Entity shall seek written clarifications from the Tenderer, including detailed price analyses of its Tender price in relation to the subject matter of the contract, scope, proposed methodology, schedule, allocation of risks and responsibilities and any other requirements of the Tender document.
- 37.3 After evaluation of the price analyses, in the event that the Procuring Entity determines that the Tenderer has failed to demonstrate its capability to perform the Contract for the offered Tender Price, the Procuring Entity shall reject the Tender.

Abnormally High Tenders

37.4 An abnormally high tender price is one where the tender price, in combination with other constituent elements of the Tender, appears unreasonably too high to the extent that the Procuring Entity is

concerned that it (the Procuring Entity) may not be getting value for money or it may be paying too high a price for the contract compared with market prices or that genuine competition between Tenderers is compromised.

- 37.5 In case of an abnormally high tenders, the Procurement Entity should (a) review the specifications, and conditions of tender, or correctness of the estimate or (b) possibility of a collusion, formation of cartels, or other form of fraudulent and corrupt activity in the tendering processor (c) perception of the firms on the credibility of the Procuring Entity. The Procuring Entity shall treat abnormally low and high tenders in accordance with procedures provided for in this tender document
- 37.6 If the Procuring Entity determines that the Tender Price is abnormally too high because genuine competition between tenderers is compromised (often due to collusion, corruption or other manipulations), the Procuring Entity shall reject all Tenders and shall institute or cause competent Government Agencies to institute an investigation on the cause of the compromise, before retendering.

38. Unbalanced and/or Front-Loaded Tenders

- 38.1 If in the Procuring Entity's opinion, the Tender that is evaluated as the lowest evaluated price is seriously unbalanced and/or front loaded, the Procuring Entity may require the Tenderer to provide written clarifications. Clarifications may include detailed price analyses to demonstrate the consistency of the tender prices with the scope of works, proposed methodology, schedule and any other requirements of the Tender document.
- 38.2 After the evaluation of the information and detailed price analyses presented by the Tenderer, the Procuring Entity may as appropriate:
 - a) Accept the Tender; or
 - b) Require that the total amount of the Performance Security be increased at the expense of the Tenderer to a level not exceeding a 30% of the Contract Price; or
 - c) agree on a payment mode that eliminates the inherent risk of the Procuring Entity paying too much for undelivered works; or
 - d) reject the Tender.

39. Qualification of the Tenderer

- 39.1The Procuring Entity shall determine to its satisfaction whether the Tenderer that is selected as having submitted the lowest evaluated cost and substantially responsive Tender is eligible and meets the qualifying criteria specified in Section III, Evaluation and Qualification Criteria.
- 39.1 The determination shall be based upon an examination of the documentary evidence of the Tenderer's qualifications submitted by the Tenderer, pursuant to ITT18. The determination shall not take into consideration the qualifications of other firms such as the Tenderer's subsidiaries, parent entities, affiliates, subcontractors or any other firm(s) different from the Tenderer that submitted the Tender.
- 39.2 An affirmative determination shall be a prerequisite for award of the Contract to the Tenderer. A negative determination shall result in disqualification of the Tender, in which event the Procuring Entity shall proceed to the TendererwhooffersasubstantiallyresponsiveTenderwiththenextlowestevaluatedcosttomakeasimilar determination of that Tenderer's qualifications to perform satisfactorily.

40 Procuring Entity's Right to Accept Any Tender, and to Reject Any or All Tenders

40.1 The Procuring Entity reserves the right to accept or reject any Tender, and to annul the Tendering process and reject all Tenders at any time prior to Contract Award, without thereby incurring any liability to Tenderers. In case of annulment, all Tenders submitted and specifically, Tender securities, shall be promptly returned to the Tenderers.

F. Award of Contract

41 Award Criteria

41.1 The Procuring Entity shall award the Contract to the successful tenderer whose tender has been determined to be the Lowest Evaluated Tender.

42. Notice of Intention to enter into a Contract/Notification of award

- 42.1 Upon award of the contract and Prior to the expiry of the Tender Validity Period the Procuring Entity shall issue a <u>Notification of Intention to Enter in to a Contract</u>/Notification of award to all tenderers which shall contain, at a minimum, the following information:
 - a) The name and address of the Tenderer submitting the successful tender;
 - b) The Contract price of the successful tender;
 - c) a statement of the reason(s) the tender of the unsuccessful tenderer to whom the letter is addressed was unsuccessful, unless the price information in (c) above already reveals the reason;
 - d) the expiry date of the Stand still Period; and
 - e) instructions on how to request a debriefing and/or submit a complaint during the standstill period;

43. Standstill Period

- 43.1 The Contract shall not be signed earlier than the expiry of a Standstill Period of 14 days to allow any dissatisfied tender to launch a complaint. Where only one Tender is submitted, the Standstill Period shall not apply.
- 43.2 Where a Standstill Period applies, it shall commence when the Procuring Entity has transmitted to each Tenderer the Notification of Intention to Enter into a Contract with the successful Tenderer.

44. Debriefing by the Procuring Entity

44.1 On receipt of the Procuring Entity's <u>Notification of Intention to Enter into a Contract</u> referred to in ITT 43, an unsuccessful tenderer may make a written request to the Procuring Entity for a debriefing on specific issues or concerns regarding their tender. The Procuring Entity shall provide the debriefing within five days of receipt of the request. .2 Debriefings of unsuccessful Tenderers may be done in writing or verbally. The Tenderer shall bear its own costs of attending such a debriefing meeting.

45. Letter of Award

45.1 Prior to the expiry of the Tender Validity Period and upon expiry of the Standstill Period specified in ITT 42.1, upon addressing a complaint that has been filed within the Standstill Period, the Procuring Entity shall transmit the Letter of Award to the successful Tenderer. The letter of award shall request the successful tenderer to furnish the Performance Security within 21 days of the date of the letter.

46. Signing of Contract

- 46.1 Upon the expiry of the fourteen days of the Notification of Intention to enter into contract and upon the parties meeting their respective statutory requirements, the Procuring Entity shall send the successful Tenderer the Contract Agreement.
- 46.2 Within fourteen (14) days of receipt of the Contract Agreement, the successful Tenderer shall sign, date, and return it to the Procuring Entity.
- 46.3 The written contract shall be entered into within the period specified in the notification of award and before expiry of the tender validity period.

47. Performance Security

- 47.1 Within twenty-one (21) days of the receipt of the Form of Acceptance from the Procuring Entity, the successful Tenderer, if required, shall furnish the Performance Security in accordance with the GCC 3.9, using for that purpose the Performance Security Form included in Section X, Contract Forms, or another Form acceptable to the Procuring Entity. If the Performance Security furnished by the successful Tenderer is in the form of a bond, it shall be issued by a bonding or insurance company that has been determined by the successful Tenderer to be acceptable to the Procuring Entity. A foreign institution providing a bond shall have a correspondent financial institution located in Kenya, unless the Procuring Entity has agreed in writing that a correspondent financial institution is not required.
- 47.2 Failure of the successful Tenderer to submit the above-mentioned Performance Security or sign the Contract shall constitute sufficient grounds for the annulment of the award and forfeiture of the Tender Security. In that event the Procuring Entity may award the Contract to the Tenderer offering the next Most

Advantageous Tender.

48. Publication of Procurement Contract

- 48.1 Within fourteen days after signing the contract, the Procuring Entity shall publish the awarded contract at its notice boards and websites; and on the Website of the Authority. At the minimum, the notice shall contain the following information:
 - a) Name and address of the Procuring Entity;
 - b) name and reference number of the contract being awarded, a summary of its scope and the selection method used;
 - c) the name of the successful Tenderer, the final total contract price, the contract duration.
 - d) Dates of signature, commencement and completion of contract;
 - e) Names of all Tenderers that submitted Tenders, and their Tender prices as read out at Tender opening.

49. Adjudicator

49.1 The Procuring Entity proposes the person named **in the TDS** to be appointed as Adjudicator under the Contract, at an hourly fee specified **in the TDS**, plus reimbursable expenses. If the Tenderer disagrees with the proposed Adjudicator, the Tenderer should so state in the Tender. If, in the Form of Acceptance, the Procuring Entity has not agreed on the appointment of the Adjudicator, the Adjudicator shall be appointed by the Appointing Authority designated in the Special Conditions of Contract at the request of either party.

50. Procurement Related Complaints and Administrative Review

50.1 The procedures for making a Procurement-related Complaint areas specified in the TDS.

50.2 A request for administrative review shall be made in the form provided under contract forms.

SECTION II - TENDER DATA SHEET (TDS)

The following specific data for the Maintenance Services to be procured shall complement, supplement, or amend the provisions in the Instructions to Tenderers (ITT). Whenever there is a conflict, the provisions herein shall prevail over those in ITT.

Reference to ITC Clause	PARTICULARS OF APPENDIX TO INSTRUCTIONS TO TENDERS
ITT Reference	A. General
ITT 1.1	The reference number of the Request for Tenders (ITT) is: KRA/HQS/NCB-003/2022-2023
	The Procuring Entity is: Kenya Revenue Authority
	The name of the ITT is: ANNUAL MAINTENANCE CONTRACT FOR SAFETY SERVICES & FIRE EQUIPMENT FOR A PERIOD OF THREE (3) YEARS
	The number and identification of lots (contracts) comprising this ITT is
	LOT I: FIRE SAFETY TRAINING AND FIRE EQUIPMENT MAINTENANCE
	LOT II: INTEGRATED SECURITY SYSTEM
ITT 2.1 (a)	Electronic –Procurement System
	The Procuring Entity shall use the following electronic-procurement system to manage this Tendering process: SAP SYSTEM
	The electronic-procurement system shall be used to manage the following aspects of the Tendering process:
	[list the aspects here and modify the relevant parts of the TDS accordingly e.g., issuing tendering document, submissions of Tenders, opening of Tenders]
ITT 2.1	The Procuring Entity is: KENYA REVENUE AUTHORITY
	The name of the Project is: ANNUAL MAINTENANCE CONTRACT FOR SAFETY SERVICES & FIRE EQUIPMENT FOR A PERIOD OF THREE (3) YEARS
3.4	The firms (if any) that provided consulting services for the contract being tendered for areN/A
ITT 4.1	Maximum number of members in the Joint Venture (JV) shall be:N/A
	B. Contents of Tendering Document
ITT 8.1	For <u>Clarification of Tender purposes</u> only, the Procuring Entity's address is:
	Attention: Deputy Commissioner
	Postal Address: Haile Selassie Avenue
	Physical Address Times Tower, 21st Floor Boardroom 1
	Telephone: 0709 012372
	Electronic mail address: eprocurement@kra.go.ke
	Requests for clarification should be received by the Procuring Entity no later than: 7 days to the tender closing date. Kenya Revenue Authority shall compile the requested clarification and post them in to KRA website www.kra.go.ke

Reference to ITC Clause	PARTICULARS OF APPENDIX TO INSTRUCTIONS TO TENDERS
	NB: Bidders are encouraged to frequently visit the KRA website to access addendum and clarifications that may be posted.
ITT 8.2	The Firms or their Affiliates that provided consulting services for the contract being tendered for are
ITT 9.1	The Procuring Entity will respond to request for clarification shall publish its response at the website _KRA website www.kra.go.ke
	C. Preparation of Tenders
ITT 15.1	Alternative Tenders SHALL NOT BE CONSIDERED.
ITT 15.2	Alternative times for completion " <i>shall not be</i> " permitted. If permitted, the range of acceptable completion time is: If alternative times for completion are permitted, the evaluation method will be as specified in Section III, Evaluation and Qualification Criteria.
ITT 16.7	The prices quoted by the Tenderer " <i>shall not</i> " be subject to adjustment during the performance of the Contract.
ITT 19.3	Prequalification "has not" been undertaken.
ITT 20.1	The Tender validity period shall be 335 DAYS.
ITT 21.1	 A Tender Security of Kahs 500,000.00, valid for 365 days shall be required. A Tender-Securing Declaration [insert "shall not be" required. If a Tender Security shall be required, the amount and currency of the Tender Security shall be Kenya Shillings 500,000.00
ITT 22.1	In addition to the original of the Tender, the number of copies is:N/A [insert number of copies]
ITT 22.3	The written confirmation of authorization to sign on behalf of the Tenderer shall consist of: POWER OF ATTORNEY
	D. Submission and Opening of Tenders
ITT 24.1	The deadline for Tender submission is:
	Date: 11 th October,2022
	Time: 11.00am
	[The Bidders to note that the COMBINED TECHNICAL AND FINANCIAL proposals shall be submitted through the KRA supplier portal to the Notes and Attachment Folder
	Both the Technical and Financial Proposal shall be submitted electronically via the supplier portal to Notes and Attachment Folder The deadline for Tender submission is: 11th October 2022 at 11 00cm
	The deadline for Tender submission is: 11 th October, 2022 at 11.00am The Kenya Revenue Authority shall use electronic-procurement system to manage this Tendering process
	KRA shall use electronic-procurement system to manage this procurement process, which includes Issuing Notification of the Tender, Issuing the Tender documents, Bidders

Reference Clause	to ITC PARTICULARS OF APPENDIX TO INSTRUCTIONS TO TENDERS
	submissions of technical and financial proposals to the Authority, Issuance of addendums and opening of Proposals
ITT 26.1	The Tender opening shall take place at:
	Physical Address: [Nairobi, Haile Selassie Avenue,, Times Tower, 21st floor, meeting room 1
	Date: 11 th October,2022
	Time: <i>11.00am</i>
ITT 27.1	The electronic Tender opening procedures shall be: Initiation of RFX opening by two KRA responsible officers simultaneous log in, opening of the RFX and reading out of the bids submitted online
ITT 31.7	rocuring Entity shall adjust the Tender Price for comparison purposes only in the following manner
	djustment shall be based on theN/A <i>(insert "average" or "highest")</i> price of the item or component as quoted in other substantially responsive Tenders. If the price of the item or component cannot be derived from the price of other substantially responsive Tenders, the Procuring Entity shall use its best estimate.
E. Evalua	tion and Comparison of Tenders
_	ed and the right response to the technical specification/scope of service. FIRE SAFETY TRAINING AND FIRE EQUIPMENT MAINTENANCE TABLE 1: (MANDATORY DOCUMENTS)
1	 Form of Tender duly filled, signed and stamped. A detailed signed & stamped price schedule for services.
	Tender Security of Kshs 500,000.00 - valid for 365 days from the date of
	tender closing.Power of Attorney (except for sole proprietors)
	 CR12 not older than 6months (bidders can generate from ecitizen)
	NB: Original tender security MUST be deposited on the TENDER SECURITY BOX
2	 Company Profile Certificate of Incorporation/ Registration.
3.	Registration by the National Industrial Training Authority (NITA)
4.	Financial Resources
	Certified copies of audited accounts for the last three years with at least an annual turnover of Kshs. 100 Million for each financial year,
5.	A valid Tax Compliance Certificate
6	Site visit Certificate certified by KRA representatives for all listed stations
7	NSSF Current Compliance certificate

ference ause	to ITC PARTICULARS OF APPENDIX TO INSTRUCTIONS TO TENDERS					
8	NHIF Current Compliance certificate,					
9	Certified trainer by the Director of Occupational Safety and Health Services in Occupation Health and Safety					
10	Labour Compliance Certificate,					
11	NCA6 - Electrical or Electronic Installation					
12	Certified trainer by the Director of Occupational Safety and Health Services in First Aid Providers					
13	Certified trainer by the Director of Occupational Safety and Health Services in Fire Safety,					
14.	Tenderers must fill the following forms found under Section IV – Tendering Forms.	_				
	• Tenderer's Eligibility - Confidential Business Questionnaire					
	Certificate of Independent Tender Determination					
	Self-Declaration Forms - SD1					
	• Self-Declaration that the Person/Tenderer will not engage in any Corrupt or Fraudulent Practice. – SD2					

LOT 1:VENDOR EVALUATION CRITERIA

Description of Criteria	Maximum Score
Company Profile	11
Suitability of Service Provider	
 One Occupation Health and Safety trainer registered under the Company or collaborating companies and who are members of the Professional Training Association of Kenya (PTAK) (1 mark) 	
 One First Aid Providers trainer registered under the Company or collaborating companies and who are members of the Professional Training Association of Kenya (PTAK) (1 mark), 	
 One Fire Safety trainer registered under the Company or collaborating companies and who are members of the Professional Training Association of Kenya (PTAK) (1 mark), 	
Bidder to provide CVs supported by academic /professional certificates for the trainers who are members of the Professional Training of Kenya	
 Proof of collaboration with County Government fire safety department 	

01100	PARTICULARS OF APPEN	NDIX TO INSTRUCTIONS TO TENDERS		
ause	RA offices are located.			
where K	KA offices are located.			
a)36 Cou	inty Government (8 marks))		
b) 26 County Government (6 marks)				
c) 16 County Government (4 marks)				
d) 10 C	ounty Government (2 mark	(s)		
e)1 to 9	County Government (1 mar	rk)		
,	Managerial and l	Key Personnel	3	
	Competency (3) key staff with a minimum eering in any field. (1 each M	n diploma Qualification in fire safety or		
of work (Physical Facilities cles for movement of staff and the tools	4	
	g provided fire and safety ser n the last 5 years. (1mark eac		2	
Attach LSO/ c	ontract,/recommendation lette	er/ completion		
	cost of service rendered.			
	cost of service rendered.	Total Score	20	
indicating the		Total Score Cut off score	20 15	
OT 1: TECH	NICAL EVALUATION	Cut off score	15	
DT 1: TECH	NICAL EVALUATION Service Specifications/Part bility and awarded marks	Cut off score	15 Ibmitted v	
DT 1: TECH The Detailed for suita idders are requ	NICAL EVALUATION Service Specifications/Part bility and awarded marks Evaluation ired to indicate against each D AND WILL NOT COMPL	Cut off score V ticulars are as follows: The documents summer su	15 Ibmitted v % of the to 0 WILL CC	otal tender DMPLY" or
OT 1: TECH The Detailed for suita Bidders are required. UNDERSTOO where required. Technic	NICAL EVALUATION Service Specifications/Part bility and awarded marks Evaluation tired to indicate against each D AND WILL NOT COMPL Any other response in the col	Cut off score V ticulars are as follows: The documents summer the second secon	15 Ibmitted v % of the to 0 WILL CC	otal tender DMPLY" or

	same .		
3	Shall provide a list of qualified technicians who would be contacted for emergency responses at a short notice.	2	
4	Shall establish functionality of portable fire extinguishers, hydrant systems, hose reels, automatic fire detection & alarm systems, automatic sprinklers, Fire Suppression systems and recommend repairs where necessary.	2	
5	Shall undertake such repair, component replacement and refurbishment of the equipment as may be deemed necessary for the purpose of keeping the equipment in serviceable condition.	2	
6	Shall in respect of each piece of equipment affix a label indicating basic details of the service carried out and the date thereof.	2	
7	Refilling and recharging any fire extinguisher found wholly or partially discharged whether in use or storage.	2	
8	Shall replace break glasses immediately the same is reported for attention either arising from accidental or deliberate activation.	2	
9	Shall provide quarterly serviceability status report of all fire equipment in subject procurement which shall include description of the nature of service carried out and the condition of the equipment.	2	
10	Shall draw a servicing program /schedule of fire protection equipment and present a copy of the same to Security manager's office.	2	
11	Technicians shall always report to the building security control room, Security officer, property officer or station manager to be signed off after completion of the services in the premises.	2	
12	The senior technician carrying out services shall give a written report on malfunctioning safety equipment or systems immediately the same is noted for immediate action by the Security manager.	3	

3	Shall inspect and refill the fire suppression systems in areas where	2
	they exist.	
14	Shall be on call 24 hours if and when needed.	2
15	Inspection and flashing of the fire suppression system when needed.	2
16	Inspect and recommend for the necessary repairs of fire panels, smoke detectors, heat detectors, break glasses.	2
17	Shall provide a Contract Manager for the contract.	2
18	Shall replace the canvas for the kitchen hood for Times Tower and KESRA Mombasa twice a year	2
19	Shall service Emergency Evacuation System at Times Tower and Ushuru Pension Plaza	2
	PUMPS	(83 sets)
20	Clean the body parts of all pumps	1
21	Check on leaking gate valves	1
22	Check pressure switches	1
23	Check and clean level indicator systems	1
24	Lubricating all mechanical parts	1
25	Check pump floats	1
26	Check all piping for leaks including overflow piping	2
27	Tighten all panel connections	2
28	Check & test the level controls & indicators for proper operations	2
29	Carry out the test on starting and running currents for all pump motors biannual	2
30	Check and clean all panels	2
	SERVICING OF PIRANHA KITCHEN FIRE SU	PPRESSION SYSTEM AT TIMES TOWER
31	Clean the body parts of all pumps	1

Refere Clause		ENDIX TO INSTRUCTIONS TO TENDERS	
32	Check on leaking gate valves	1	
33	Check pressure switches	1	
34	Check and clean level indicator systems	1	
35	Lubricating all mechanical parts	1	
36	Check pump floats	1	
37	Check all piping for leaks including overflow piping	1	
38	Tighten all panel connections	1	
39	Check & test the level controls & indicators for proper operations	1	
40	Check and clean all panels	1	
41	Test & commission all equipment	1	
42	Clean the working area to customer's satisfaction	1	
	HNICAL SPECIFICATIONS FOR F ETY AUDIT AND EMERGENCY FI	FIRE SAFETY TRAINING, FIRE MARSHALS TRAINING, FIRE	£
43	Shall provide competent staff for the training.	2	
44	Shall train fire marshals as provided in Table 2 below.	2	
45	Shall conduct fire safety and emergency first aid sensitisation as provided in Table 2 below per floor in each building.	1	
46	Shall provide certificates to the participants.	1	
47	Shall conduct a fire drills in corroboration and coordination with the local authorities with the approval of the other Government agencies with full support of Ambulances, Fire Engines, auditors etc		
48	Shall conduct a live demonstration during the various trainings.	1	
49	Shall use the Authority's carbon dioxide and fire blanket types of firefighting equipment during the training and live demonstrations.	1	
50	Shall provide a programme for fire marshals of a maximum of 25	1	

Refere Clause		PARTICULARS OF APPE	NDIX TO INSTRUCTIONS TO TENDERS		
	participants emergency f	per session (both fire and irst aid)			
51	Shall condu preparation of	ct thorough rehearsals in of fire drills.		1	
52		or gather relevant about the sites.		1	
53		ct fire drills in the areas been indicated in the		1	
	Total Score	s		80	
	Cut off scor	e		75	

Tender Evaluation Weighting Criteria The tender evaluation criteria is weighted as follows

Criteria	Maximum Score/Requirement	Cut-Off Score	
Tender Responsiveness	Mandatory	Met all the requirements	
Vendor Evaluation	20	15	
Technical Specifications	80	75	
Financial Evaluation	To be awarded to the lowest evaluated bidder		
Post Qualification Evaluation	KRA has an option to make site visits to the bidder's proposed sites to ascertain its ability to deliver the service		

LOT II: INTEGRATED SECURITY SYSTEM TECHNICAL SPECIFICATIONS FOR INTEGRATED SECURITY SYSTEM

	TABLE 1: (MANDATORY DOCUMENTS)
1	 Form of Tender duly filled, signed and stamped.
	 A detailed signed & stamped price schedule for services.
2	Tender Security of Kshs 300,000.00 - valid for 365 days from the date of tender
	closing.
	NB: Original tender security MUST be deposited on the TENDER
	SECURITY BOX
3	Power of Attorney (except for sole proprietors)
4	
	CR12 certificate valid within the last 6 months (bidders can generate from ecitizen)
5	Company Profile
5	 Certificate of Incorporation/ Registration.
6	Original Equipment Manufacturer (OEM) Authorization (Access Control
v	
	System and CCTV) for the primary site (Times Tower),

	Certified copies of audited accounts for the last three years with at least an annual turnover of Kshs. 50 Million for each financial year,	
8	Social Obligations Submit certificate of compliance for the following; A valid Tax Compliance Certificate	
9	Site vis	sit Certificate certified by KRA representatives for all listed stations
10	NSSF	Current Compliance certificate
11	NHIF	Current Compliance certificate,
12	EPR.	A Class A-1 Licence,
13	Labo	ur Compliance Certificate,
14	NCA6 - Electrical Installation; Electronic; Installation of Uninterrupted Power Supply Systems (UPS), Automatic Voltage Regulators (AVR) and Surge Protectors	
14		
15.	System Tende	
	System Tende	ns (UPS), Automatic Voltage Regulators (AVR) and Surge Protectors
	System Tende	erers must fill the following forms found under Section IV – ering Forms.
	System Tende	erers must fill the following forms found under Section IV – ering Forms. Tenderer's Eligibility - Confidential Business Questionnaire
	System Tende	as (UPS), Automatic Voltage Regulators (AVR) and Surge Protectors erers must fill the following forms found under Section IV – ering Forms. Tenderer's Eligibility - Confidential Business Questionnaire Certificate of Independent Tender Determination
_	System Tende	hs (UPS), Automatic Voltage Regulators (AVR) and Surge Protectors erers must fill the following forms found under Section IV – bring Forms. Tenderer's Eligibility - Confidential Business Questionnaire Certificate of Independent Tender Determination Self-Declaration Forms - SD1 Self-Declaration that the Person/Tenderer will not engage in any

erence to ITC PARTICULARS OF APPENDIX TO INSTRUCTIONS TO TENDERS use				
COMPANY PROFILE				
a) Managerial and Key Personnel Competency Profiles				
Key Staff Competency Profiles. Proof of 5 staff with minimum Diploma in				
engineering in any field. Attach CVs inclusive of relevant technical experience of key staff in relation to the procurement. (2 marks for each)	10			
Physical Facilities				
 Proof of minimum of Five motor vehicles for movement of staff and the 				
tools of work (1 Marks each).Attach logbooks or lease hire of vehicles	5			
Experience/Reputation				
 Proof of satisfactory service rendered for at least two (2) major client 				
(comparable organization to KRA) with contracts of similar nature,				
value for services rendered in the last five years. Provide summary of				
services rendered, value of contract and contact person, address and				
telephone number (2.5 marks each)	5			
Total	20			
Cut off score	15			

ANNUAL MAINTAINANCE CONTRACT

Scope of the assignment

The proposed scope for Lot 2 will cover the following equipment at Times Tower, JKIA Forodha House, Terminal 1A & 1E, UPP, Old Port, Forodha House Kisumu, Customs House Mombasa, Namanga and Moyale;

- 1. Integrated Security System Network infrastructure backbone,
- 2. Software Systems and all that encompasses the Integrated Security system at KRA.

The planned preventive maintenance and repair including all parts and components of the following;

- a) CCTV Surveillance System,
- b) Access Control System.

a) CCTV Surveillance System

- 1. Video Management and Client Management system,
- 2. Network Video Recorders (NVR),
- 3. Network Switches,
- 4. UPSs,
- 5. Cable neatening inside the cabinet
- 6. Client Workstations,
- 7. Control Room equipment including CCTV Surveillance display equipment,
- 8. Cameras, lenses, housings, pan/tilt heads, interconnecting cabling and wiring,

Reference to ITC Clause	PARTICULARS OF APPENDIX T	O INSTRUCTIONS TO TENDERS	
9. Camera	nounting posts, brackets, condui	its and protective covers,	
10. Electrica	l power connection to all CCTV e	quipment,	
11. Entire C	CTV security network backbone I	LAN network infrastructure includi	ng the CAT 6 Cablin
fiber, cal	pinets, network switches and wire	eless equipment.	
<u>b)</u> Access Co	ntrol System		
1	. ACS Servers,		
2	. Workstations,		
3	. Switches		
4	. Software and database system	s,	
5	. Master Controllers,		
6	. Door controllers,		
7	. Biometrics readers,		
8	. Proximity Card Readers,		
9	. Various door support and acce	essories including;	
	• Door maglocks,	,	
	• Door closures,		
	• Door contacts,		
	• Buzzers,		
	 Exit Buttons. 		
2. Badg	ing station		
		bone LAN Network infrastructur	e including the Ca
-	ing, fiber, cabinets, Network swite		e meruaning me eu
documer which w B "UNDF NOT COM	vill contribute to a maximum 80° and the cut off score s idders are required to indicate again ERSTOOD AND WILL COMPLY"	or suitability and awarded marks % of the total tender evaluation shall be 75%. nst each service specification or "UNDERSTOOD AND WILL tails and attach relevant information <i>e column will be treated as NON</i> -	
Technica	l Specifications (Service and other key requirements)	Bidder's Response	SCORE
compreh service o System (ntractor shall undertake a ensive annual maintenance f the KRA Integrated Security ISS). The ISS includes; CCTV ss Control System		4
the sche replacem	ual Maintenance shall include duled preventive maintenance, ent/repairs of ISS nt/components		4

Reference to ITC Clause PARTI		PARTICULARS OF APPENDIX T	O INSTRUCTIONS TO TENDERS	
	site, if n shall imm a similar higher on the syst	t attempt to repair or fix it at not repairable, the Contractor nediately replace the same with one of the same specification or temporary basis to ensure that rem remains in operation, procurement process		
4	The Contractor shall ensure that the works carried out is to the highest standard and quality and in full compliance with the requirements of the original equipment manufacturers recommendation, all replacements shall be new and of a manufacturer's revision level not less than that of the part to be replaced			5
5	(Crimping Spanner, Pliers, C Screw Dr Ties and at comm	ractor shall use their own tools g Tool, Cable Tracer, Assorted Avometer, Crimping Tools, Cutter, Allen Keys, Assorted ivers, Assorted Brushes, Cable Drill) which shall be inspected encement of the contract and he security system office at each		5
6	the prop- maintena on quarte shall pro- reporting necessary system returning operation status rep	rractor shall provide details of osed program of preventative nce for the ISS, which shall be erly basis (the successful bidder vide a schedule at the time of at the site) together with any corrective action, on all equipment, confirming or equipment to full and proper ; a full equipment audit and ort in writing shall be given to at the commencement of the		5
7	their dut	ractor shall after carrying out ies, leave the equipment and clean and sound condition.		4
8	Contracto an operat	out the contract period, the or shall establish and maintain tional fault reporting platform all faults on the system shall be by KRA.		4
9	report o	ractor shall provide a monthly on all services and repairs en to the Security Systems		4
10		ractor shall ensure that the full tion of the ISS i.e. CCTV and		4

Refere Clause		O INSTRUCTIONS TO TENDERS
	Access Control system is available to KRA in proper working condition viz. uptime of 98% of the time on a 24x7x365 basis during the contract period	
11	The Contractor shall use professionally qualified personnel (certified) who have expertise in the CCTV and access control system.	4
12	The Contractor shall ensure continuous capacity building to the KRA engineers by coordinating and initiating relevant manufacturer's certification trainings at the site once a year (The successful bidder to provide a plan on commencement of the contract)	4
13	The Contractor shall have certified (2) resident engineer(s) onsite at each site for support and maintenance 24x7x365 basis during the contract period reporting to the Security Systems Manager.	4
14	The Contractor shall have back-to-back arrangement with the manufacturer to be on standby should there be any issue that requires escalation, escalated issues to be resolved within 8hrs after reporting.	4
15	The Contractor shall perform periodic software upgrades whenever they are available from the manufacturer (for servers & applications)	4
16	The contractor (site technician) jointly with the client will be producing daily availability reports and sign together for ownership which will be used to compute the monthly system availability for payment,	4
17	The contractor shall provide branded uniform, reflective jackets, dust coat/overall, safety boots, helmets, gloves, face mask and head torch for use by site technician for both safety and identification purposes,	4
18	The contractor shall attend weekly Security meetings held by the Security Manager and various stakeholders	4
19	The contractor shall provide a Contract Manager for the contract for coordination during the maintenance	4

Reference to IT(Clause	C PARTICULARS OF APPEN	NDIX TO INSTRUCTIONS TO	TENDERS	
Total			80	
Cut off S	Score		75	
The te	r Evaluation Weighting ender evaluation criteria is v	veighted as follows		
Criteria Tender Responsiveness Vendor Evaluation		Maximum Score/Requirement	Cut-Off Score	
		Mandatory	Met all the requirements	
		20	15	
	pecifications	80	75	
Financial E	cation Evaluation		e lowest evaluated bidder	
r ost Qualin			nake site visits to the bidder's i its ability to deliver the services	
ITT 34.1 ITT 34.2	Margin of preference not allowed. The invitation to tender is extended to the following group that qualify for Reservations			
		-	Enterprises, Youth Enterprises and ay be; describe precisely which group	
ITT 47.1				
F. Award of Co	ontract			
ITT 49.1 The Adjudicator proposed by the Procuring Entity isN/A		The biographical data of		
ITT 50.1		a Procurement-related Complai Award - Paragraph 5" and from <u>e</u> .		
		procedures, in writing (by the qu	laint, the Tenderer should submit its nickest means available, that is either	
	For the attention: [Deputy of			
	Procuring Entity: Kenya Re Email address: eprocureme			
		t-related Complaint may challen	nge any of the following:	
	(i) the terms of the Tender I (ii) the Procuring Entity's d	Documents; and lecision to award the contract.		

SECTION III - EVALUATION AND QUALIFICATION CRITERIA

1. General Provision

Wherever a Tenderer is required to state a monetary amount, Tenderers should indicate the Kenya Shilling equivalent using the rate of exchange determined as follows:

- a) For construction turnover or financial data required for each Year-Exchange rate prevailing on the last day of the respective calendar year (in which the amounts for that year is to be converted) was originally established.
- b) Value of single Contract-Exchange rate prevailing on the date of the contract signature.
- c) Exchange rates shall be taken from the publicly available source identified in the ITT. Any error in determining the exchange rates in the Tender may be corrected by the Procuring Entity.

This section contains the criteria that the Employer shall use to evaluate tender and qualify tenderers. No other factors, methods or criteria shall be used other than specified in this tender document. The Tenderer shall provide all the information requested in the forms included in Section IV, Tendering Forms. The Procuring Entity should use <u>the Standard Tender Evaluation Report for Goods and Works</u> for evaluating Tenders.

Evaluation and contract award Criteria

The Procuring Entity shall use the criteria and methodologies listed in this Section to evaluate tenders and arrive at the Lowest Evaluated Tender. The tender that (i) meets the qualification criteria, (ii) has been determined to be substantially responsive to the Tender Documents, and (iii) is determined to have the Lowest Evaluated Tender price shall be selected for award of contract.

2. Preliminary examination for Determination of Responsiveness

The Procuring Entity will start by examining all tenders to ensure they meet in all respects the eligibility criteria and other requirements in the ITT, and that the tender is complete *in all* aspects in meeting the requirements of *"Part 2–Procuring Entity's Services Requirements"*, including checking for tenders with unacceptable errors, abnormally low tenders, abnormally high tenders and tenders that are front loaded. The Standard Tender Evaluation Report for Goods and Works for evaluating Tenders provides clear guidelines on how to deal with review of these requirements. Tenders that do not pass the Preliminary Examination will be considered irresponsive and will not be considered further.

3. Tender Evaluation (ITT 34) Price evaluation: in addition to the criteria listed in ITT 34.2 (a)–(d)

the following criteria shall apply:

- i) Alternative Completion Times, if permitted under ITT 13.2, will be evaluated as follows:
- ii) Alternative Technical Solutions for specified parts of the Works, if permitted under ITT 13.4, will be evaluated as follows:
- iii) Other Criteria; if permitted under ITT 34.2 (e):_____

4. Multiple Contracts

Multiple contracts will be permitted in accordance with ITT 35.4. Tenderers are evaluated on basis of Lots and the lowest evaluated tenderer identified for each Lot. The Procuring Entity will select one Option of the two Options listed below for award of Contracts.

OPTION 1

- i) If a tenderer wins only one Lot, the tenderer will be awarded a contract for that Lot, provided the tenderer meets the Eligibility and Qualification Criteria for that Lot.
- ii) If a tenderer wins more than one Lot, the tender will be awarded contracts for all won Lots, provided the tenderer meets the aggregate Eligibility and Qualification Criteria for all the Lots. The tenderer will be

awarded the combination of Lots for which the tenderer qualifies and the others will be considered for award to second lowest the tenderers.

OPTION 2

The Procuring Entity will consider all possible combinations of won Lots [contract(s)] and determine the combinations with the lowest evaluated price. Tenders will then be awarded to the Tenderer or Tenderers in the combinations provided the tenderer meets the aggregate Eligibility and Qualification Criteria for all the won Lots.

5. Alternative Tenders (ITT 14)

An alternative if permitted under ITT 13.1, will be evaluated as follows:

The Procuring Entity shall consider Tenders offered for alternatives as specified in Part 2- Procuring Entity's requirements. Only the technical alternatives, if any, of the Tenderer with the Best Evaluated Tender conforming to the basic technical requirements shall be considered by the Procuring Entity.

6. Margin of Preference

Apply Margin of Preference, if so allowed to all evaluated and accepted tender as follows.

- If the TDS so specifies, the Procuring Entity will grant a margin of preference of fifteen percent (15%) to be loaded on evaluated prices of foreign tenderers, where the percentage of shareholding of Kenyan citizens is less than fifty-one percent (51%).
- Contractors applying for such preference shall be asked to provide, as part of the data for qualification, such information, including details of ownership, as shall be required to determine whether, according to the classification established by the Procuring Entity, a particular contractor or group of contractors qualifies for a margin of preference.
- After Tenders have been received and reviewed by the Procuring Entity, responsive Tenders shall be assessed to ascertain their percentage of shareholding of Kenyan citizens. Responsive tenders shall be classified into the following groups:
 - i) *Group A:* tenders offered by Kenyan Contractors and other Tenderers where Kenyan citizens hold shares of over fifty one percent (51%).
 - ii) *Group B:* tenders offered by foreign Contractors and other Tenderers where Kenyan citizens hold shares of less than fifty one percent (51%).
- All evaluated tenders in each group shall, as a first evaluation step, be compared to determine the lowest tender, and the lowest evaluated tender in each group shall be further compared with each other. If, as a result of this comparison, a tender from Group A is the lowest, it shall be selected for the award. If a tender from Group B is the lowest, an amount equal to the percentage indicated in Item 3.1 of the respective tender price, including unconditional discounts and excluding provisional sums and the cost of day works, if any, shall be added to the evaluated price offered in each tender from Group B. All tenders shall then be compared using new prices with added prices to Group B and the lowest evaluated tender from Group A. If the tender from Group A is still the lowest tender, it shall be selected for award. If not, the lowest evaluated tender from Group B based on the first evaluation price shall be selected.

7. Post qualification and Contract award (ITT 38.1), more specifically,

- a) In case the tender <u>was subject to post-qualification</u>, the contract shall be awarded to the lowest evaluated tenderer, subject to confirmation of prequalification data, if so required.
- b) In case the tender <u>was not subject to post-qualification</u>, the tender that has been determined to be the lowest evaluated tenderer shall be considered for contract award, subject to meeting each of the following conditions.
 - i) The Tenderer shall demonstrate that it has access to, or has available, liquid assets, unencumbered real assets, lines of credit, and other financial means (independent of any contractual advance payment) sufficient to meet the construction cash flow of Kenya Shillings

•

- ii) Minimum <u>average</u> annual services turnover of Kenya Shillings *[insert amount]*, equivalent calculated as total certified payments received for contracts in progress and/or completed within the last *[insert of year]* years.
- iii) At least_____(*insert number*) of contract(s) of a similar nature executed within Kenya, or the East African Community or abroad, that have been satisfactorily and substantially completed as a prime contractor, or joint venture member or sub-contractor each of minimum value Kenya shillings______equivalent.
- iv) Contractor's Representative and Key Personnel, which are specified as _____
- *v)* Contractors key equipment listed on the table "Contractor's Equipment" below and more specifically listed as *[specify requirements for each lot as applicable]*
- iv) Other conditions depending on their seriousness.

a) **History of non-performing contracts**:

Tenderer and each member of JV in case the Tenderer is a JV, shall demonstrate that Nonperformance of a contract did not occur because of the default of the Tenderer, or the member of a JV in the last_____(specify years). The required information shall be furnished in the appropriate form.

b) Pending Litigation

Financial position and prospective long-term profitability of the Single Tenderer, and in the case the Tenderer is a JV, of each member of the JV, shall remain sound according to criteria established with respect to Financial Capability under Paragraph (i) above if all pending litigation will be resolved against the Tenderer. Tenderer shall provide information on pending litigations in the appropriate form.

c) Litigation History

There shall be no consistent history of court/arbitral award decisions against the Tenderer, in the last <u>(specify years)</u>. All parties to the contract shall furnish the information in the appropriate form about any litigation or arbitration resulting from contracts completed or ongoing under its execution over the years specified. A consistent history of awards against the Tenderer or any member of a JV may result in rejection of the tender.

SECTION IV - TENDERING FORMS

1. FORM OF TENDER

(Amended and issued pursuant to PPRA CIRCULAR No. 02/2022)

INSTRUCTIONS TO TENDERERS

i) All italicized text is to help the Tenderer in preparing this form.

ii) The Tenderer must prepare this Form of Tender on stationery with its letterhead clearly showing the Tenderer's complete name and business address. Tenderers are reminded that this is a mandatory requirement.

iii)Tenderer must complete and sign CERTIFICATE OF INDEPENDENT TENDER DETERMINATION and the SELF DECLARATION FORMS OF THE TENDERER as listed under (s) below.

Date of this Tender submission:......[insert date (as day, month and year) of Tender submission] Tender

Name	and	Identification:[insert	identification] Alternative
No.:	[in,	sert identification No if this is a Tender for	an alternative]
_			

To: [Insert complete name of Procuring Entity]

- a) **No reservations:** We have examined and have no reservations to the tendering document, including Addenda issued in accordance with ITT 9;
- b) **Eligibility**: We meet the eligibility requirements and have no conflict of interest in accordance with ITT 4;
- c) **Tender-Securing Declaration:** We have not been suspended nor declared ineligible by the Procuring Entity based on execution of a Tender-Securing Declaration or Proposal-Securing Declaration in Kenya in accordance with ITT 4.7;
- *d)* **Conformity:** We offer to provide the Maintenance services in conformity with the tendering document of the following: *[insert a brief description of the Maintenance services];*
 - e) **Tender Price:** The total price of our Tender, excluding any discounts offered in item (f) below is:

LOT I: Fire safety training and fire equipment maintenance at a cost Kshs

.....

.....<u>insert the total price of the Tender in words and figures</u>

Provide cost for additional items on a need basis up to a maximum spend of Kshs 50,000,000.00

LOT II: Integrated Security System at a cost of Kshs

.....

..... insert the total price of the Tender in words and figures

Provide cost for additional items on a need basis up to a maximum spend of Kshs 30,000,000.00

f) Or

Option 2, in case of multiple lots: (a) Total price of each lot [*insert the total price of each lot in words and figures, indicating the various amounts and the respective currencies*]; and (b) Total price of all lots (sum of all lots) [*insert the total price of all lots in words and figures, indicating the various amounts and the respective currencies*];

- g) **Discounts:** The discounts offered and the methodology for their application are:
 - *i)* The discounts offered are: [Specify in detail each discount offered.]
 - ii) The exact method of calculations to determine the net price after application of discounts is shown below: [*Specify in detail the method that shall be used to apply the discounts*];
- h) **Tender Validity Period:** Our Tender shall be valid for the period specified in TDS 19.1 (as amended if applicable) from the date fixed for the Tender submission deadline (specified in TDS 23.1 (as amended if applicable), and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- i) **Performance Security:** If our Tender is accepted, we commit to obtain a Performance Security in accordance with the tendering document;
- j) **One Tender Per Tenderer:** We are not submitting any other Tender (s) as an individual Tenderer, and we are not participating in any other Tender (s) as a Joint Venture member or as a subcontractor, and meet the requirements of ITT 4.3, other than alternative Tenders submitted in accordance with ITT 14;
- k) Suspension and Debarment: We, along with any of our subcontractors, suppliers, consultants, manufacturers, or service providers for any part of the contract, are not subject to, and not controlled by any entity or individual that is subject to, a temporary suspension or a debarment imposed by the PPRA. Further, we are not ineligible under Kenya's official regulations or pursuant to a decision of the United Nations Security Council;
- *l)* **State-owned enterprise or institution**: [select the appropriate option and delete the other] [We are not a state- owned enterprise or institution]/[We are a state-owned enterprise or institution but meet the requirements of ITT 4.6];
- *m*) **Commissions, gratuities and fees**: We have paid, or will pay the following commissions, gratuities, or fees with respect to the Tendering process or execution of the Contract: *[insert complete name of each Recipient, its full address, the reason for which each commission or gratuity was paid and the amount and currency of each such commission or gratuity].*

Name of Recipient	Address	Reason	Amount

(If none has been paid or is to be paid, indicate "none.")

[Delete if not appropriate, or amend to suit] We confirm that we understand the provisions relating to Standstill Period as described in this tendering document and the Procurement Regulations.

- n) **Binding Contract**: We understand that this Tender, together with your written acceptance thereof included in your Form of Acceptance, shall constitute a binding contract between us, until a formal contract is prepared and executed;
- o) **Not Bound to Accept:** We understand that you are not bound to accept the lowest evaluated cost Tender, the Most Advantageous Tender or any other Tender that you may receive; and
- p) **Fraud and Corruption:** We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf engages in any type of Fraud and Corruption.
- q) **Collusive practices**: We hereby certify and confirm that the tender is genuine, non-collusive and made with

the intention of accepting the contract if awarded. To this effect we have signed the "Certificate of Independent Tender Determination" attached below.

- r) **Code of Ethical Conduct:** We undertake to adhere by the Code of Ethical Conduct for Suppliers, Contractors and Service Providers, copy available from *(specify website)* during the procurement process and the execution of any resulting contract.
- s) **Beneficial Ownership Information:** We commit to provide to the procuring entity the Beneficial Ownership Information in conformity with the Beneficial Ownership Disclosure Form upon receipt of notification of intention to enter into a contract in the event we are the successful tenderer in this subject procurement proceeding.
- t) We, the Tenderer, have duly completed, signed and stamped the following Forms as part of our Tender:
 - a) Tenderer's Eligibility; Confidential Business Questionnaire to establish we are not in any conflict to interest.
 - b) Certificate of Independent Tender Determination to declare that we completed the tender without colluding with other tenderers.
 - c) Self-Declaration of the Tenderer- to declare that we will, if awarded a contract, not engage in any form of fraud and corruption.

Further, we confirm that we have read and understood the full content and scope of fraud and corruption as informed in **"Appendix 1- Fraud and Corruption**" attached to the Form of Tender.

Name of the Tenderer: *.....[insert complete name of person signing the Tender]

Signature of the person named above:[insert signature of person whose name and capacity are shown

above] Date signed......[insert date of signing] day of......[insert month], [insert year]

i) TENDERER'S ELIGIBILITY- CONFIDENTIAL BUSINESS QUESTIONNAIRE

Instruction to Tenderer

Tender is instructed to complete the particulars required in this Form, *one form for each entity if Tender is a JV*. Tenderer is further reminded that it is an offence to give false information on this Form.

a) Tenderer's details

	ITEM	DESCRIPTION
1	Name of the Procuring Entity	
2	Reference Number of the Tender	
3	Date and Time of Tender Opening	
4	Name of the Tenderer	
5	Full Address and Contact Details of the Tenderer.	 Country City Location Building Floor Postal Address Name and email of contact person.
6	Current Trade License Registration Number and Expiring date	
7	Name, country and full address (postal and physical addresses, email, and telephone number) of Registering Body/Agency	
8	Description of Nature of Business	
9	Maximum value of business which the Tenderer handles.	
10	State if Tenders Company is listed in stock exchange, give name and full address (<i>postal and physical</i> <i>addresses, email, and telephone</i> <i>number</i>) of state which stock exchange	

General and Specific Details

b) Sole Proprietor, provide the following details.

Name in full	Age
Nationality	Country of Origin

Citizenship _____

c) **Partnership**, provide the following details

	Names of Partners	Nationality	Citizenship	% Shares owned
1				
2				
3				

- d) **Registered Company,** provide the following details.
 - i) Private or public Company _____
 - ii) State the nominal and issued capital of the Company: -

Nominal Kenya Shillings (Equivalent)

Issued Kenya Shillings (Equivalent)_____

iii) Give details of Directors as follows.

	Names of Director	Nationality	Citizenship	% Shares owned
1				
2				
3				

(e) DISCLOSURE OF INTEREST-Interest of the Firm in the Procuring Entity.

If yes, provide details as follows.

	Names of Person	Designation in the Procuring Entity	Interest or Relationship with Tenderer
1			
2			
3			

ii) Conflict of interest disclosure

	Type of Conflict	Disclosure YES OR NO	If YES provide details of the relationship with Tenderer
1	Tenderer is directly or indirectly controlled by or is under common control with another tenderer.		
2	Tenderer receives or has received any direct or indirect subsidy from another tenderer.		
3	Tenderer has the same legal representative as another tenderer		
4	Tender has a relationship with another tenderer, directly or through common third parties, that puts it in a position to influence the tender of another tenderer, or influence the decisions of the Procuring Entity regarding this tendering process.		
5	Any of the Tenderer's affiliates participated as a consultant in the preparation of the design or technical specifications of the works that are the subject of the tender.		
6	Tenderer would be providing goods, works, non-consulting services or consulting services during implementation of the contract specified in this Tender Document.		
7	Tenderer has a close business or family relationship with a professional staff of the Procuring Entity who are directly or indirectly involved in the preparation of the Tender		

	Type of Conflict	Disclosure YES OR NO	If YES provide details of the relationship with Tenderer
	document or specifications of the Contract, and/or the Tender evaluation process of such contract.		
8	Tenderer has a close business or family relationship with a professional staff of the Procuring Entity who would be involved in the implementation or supervision of the such Contract.		
9	Has the conflict stemming from such relationship stated in item 7 and 8 above been resolved in a manner acceptable to the Procuring Entity throughout the tendering process and execution of the Contract.		

f) Certification

On behalf of the Tenderer, I certify that the information given above is complete, current and accurate as at the date of submission.

_

Full Name

Title or Designation_____

(Signature)

(Date)

ii) CERTIFICATE OF INDEPENDENT TENDER DETERMINATION

I, the undersigned, in submitting the accompanying Letter of Tender to the_____

	[Name of Procuring
Entity] for:	[Name and number of
tender] in response to the request for tenders made by:	[Name of Tenderer]
do hereby make the following statements that I certify to be true and complete in every respectively.	et:

I certify, on behalf of

[Name of Tenderer] that:

- 1. I have read and I understand the contents of this Certificate;
- 2. I understand that the Tender will be disqualified if this Certificate is found not to be true and complete in every respect;
- 3. I am the authorized representative of the Tenderer with authority to sign this Certificate, and to submit the Tender on behalf of the Tenderer;
- 4. For the purposes of this Certificate and the Tender, I understand that the word "competitor" shall include any individual or organization, other than the Tenderer, whether or not affiliated with the Tenderer, who:
 - a) Has been requested to submit a Tender in response to this request for tenders;
 - b) could potentially submit a tender in response to this request for tenders, based on their qualifications, abilities or experience;
- 5. The Tenderer discloses that [check one of the following, as applicable]:
 - a) The Tenderer has arrived at the Tender independently from, and without consultation, communication, agreement or arrangement with, any competitor;
 - b) The Tenderer has entered into consultations, communications, agreements or arrangements with one or more competitors regarding this request for tenders, and the Tenderer discloses, in the attached document(s), complete details thereof, including the names of the competitors and the nature of, and reasons for, such consultations, communications, agreements or arrangements;
- 6. In particular, without limiting the generality of paragraphs (5) (a) or (5) (b) above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:
 - a) prices;
 - b) methods, factors or formulas used to calculate prices;
 - c) the intention or decision to submit, or not to submit, a tender; or
 - d) the submission of a tender which does not meet the specifications of the request for Tenders; except as specifically disclosed pursuant to paragraph (5) (b) above;
- 7. In addition, there has been no consultation, communication, agreement or arrangement with any competitor regarding the quality, quantity, specifications or delivery particulars of the works or services to which this request for tenders relates, except as specifically authorized by the procuring authority or as specifically disclosed pursuant to paragraph (5) (b) above;
- 8. the terms of the Tender have not been, and will not be, knowingly disclosed by the Tenderer, directly or indirectly, to any competitor, prior to the date and time of the official tender opening, or of the awarding of the Contract, whichever comes first, unless otherwise required by law or as specifically disclosed pursuant to paragraph (5) (b) above.

Name		
Title		
Date		
	[Now of the and sign strong of with size days set of Tay down and Date]	

[Name, title and signature of authorized agent of Tenderer and Date]

(iii) SELF-DECLARATION FORMS

FORM SD 1

SELF DECLARATION THAT THE PERSON/TENDERER IS NOT DEBARRED IN THE MATTER OF THE PUBLIC PROCUREMENT AND ASSET DISPOSAL ACT 2015.

I, of Post Office Box......being a resident of......do hereby make a statement as follows: -

- 2. THAT the aforesaid Bidder, its Directors and subcontractors have not been debarred from participating in procurement proceeding under Part IV of the Act.
- 3. THAT what is deponed to herein above is true to the best of my knowledge, information and belief.

(Title)	(Signature)	(Date)

Bidder Official Stamp

FORM SD2

SELF DECLARATION THAT THE PERSON/TENDERER WILL NOT ENGAGE IN ANY CORRUPT OR FRAUDULENT PRACTICE.

- 2. THAT the aforesaid Bidder, its servants and/or agents /subcontractors will not engage in any corrupt or fraudulent practice and has not been requested to pay any inducement to any member of the Board, Management, Staff and/or employees and/or agents of (*insert name of the Procuring entity*) which is the procuring entity.
- 4. THAT the aforesaid Bidder will not engage /has not engaged in any corrosive practice with other bidders participating in the subject tender
- 5. THAT what is deponed to herein above is true to the best of my knowledge information and belief.

(Title)	(Signature)	(Date)
()	(~	()

Bidder's Official Stamp

DECLARATION AND COMMITMENT TO THE CODE OF ETHICS

I.....declare that I have read and fully understood the contents of the Public Procurement & Asset Disposal Act, 2015, Regulations and the Code of Ethics for persons participating in Public Procurement and Asset Disposal and my responsibilities under the Code.

I do hereby commit to abide by the provisions of the Code of Ethics for persons participating in Public Procurement and Asset Disposal.

Name of Authorized signatory
Sign
Position
Office address
E-mail
Name of the Firm/Company
Date
(Company Seal/ Rubber Stamp where applicable)
Witness
Name
Sign
Date

iv) APPENDIX 1-FRAUD AND CORRUPTION

(Appendix 1 shall not be modified)

1. Purpose

The Government of Kenya's Anti-Corruption and Economic Crime laws and their sanction's policies and procedures, Public Procurement and Asset Disposal Act (*no. 33 of 2015*) and its Regulation, and any other Kenya's Acts or Regulations related to Fraud and Corruption, and similar offences, shall apply with respect to Public Procurement Processes and Contracts that are governed by the laws of Kenya.

2. Requirements

- The Government of Kenya requires that all parties including Procuring Entities, Tenderers, (applicants/proposers), Consultants, Contractors and Suppliers; any Sub-contractors, Sub-consultants, Service providers or Suppliers; any Agents (whether declared or not); and any of their Personnel, involved and engaged in procurement under Kenya's Laws and Regulation, observe the highest standard of ethics during the procurement process, selection and contract execution of all contracts, and refrain from Fraud and Corruption and fully comply with Kenya's laws and Regulations as per paragraphs 1.1 above.
- Kenya's public procurement and asset disposal act (*no. 33 of 2015*) under Section 66 describes rules to be followed and actions to be taken in dealing with Corrupt, Coercive, Obstructive, Collusive or Fraudulent practices, and Conflicts of Interest in procurement including consequences for offences committed. A few of the provisions noted below highlight Kenya's policy of no tolerance for such practices and behavior:
 - 1) A person to whom this Act applies shall not be involved in any corrupt, coercive, obstructive, collusive or fraudulent practice; or conflicts of interest in any procurement or asset disposal proceeding;
 - 2) A person referred to under subsection (1) who contravenes the provisions of that sub-section commits an offence;
 - 3) Without limiting the generality of the subsection (1) and (2), the person shall be:
 - a) disqualified from entering into a contract for a procurement or asset disposal proceeding; or
 - b) if a contract has already been entered into with the person, the contract shall be voidable;
 - 4) The voiding of a contract by the procuring entity under subsection (7) does not limit any legal remedy the procuring entity may have;
 - 5) An employee or agent of the procuring entity or a member of the Board or committee of the procuring entity who has a conflict of interest with respect to a procurement:
 - a) Shall not take part in the procurement proceedings;
 - b) Shall not, after a procurement contract has been entered into, take part in any decision relating to the procurement or contract; and
 - c) shall not be a subcontractor for the tenderer to whom was awarded contract, or a member of the group of tenderers to whom the contract was awarded, but the subcontract or appointed shall meet all the requirements of this Act.
 - 6) An employee, agent or member described in subsection (1) who refrains from doing anything prohibited under that subsection, but for that subsection, would have been within his or her duties shall disclose the conflict of interest to the procuring entity;
 - 7) If a person contravenes subsection (1) with respect to a conflict of interest described in subsection (5) (a) and the contract is awarded to the person or his relative or to another person in whom one of them had a direct or indirect pecuniary interest, the contract shall be terminated and all costs incurred by the public entity shall be made good by the awarding officer. Etc.

In compliance with Kenya's laws, regulations and policies mentioned above, the Procuring Entity:

- a) Defines broadly, for the purposes of the above provisions, the terms set forth below as follows:
 - i) "corrupt practice" is the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence improperly the actions of another party;

- ii) "fraudulent practice" is any act or omission, including misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain financial or other benefit or to avoid an obligation;
- iii) "collusive practice" is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party;
- iv) "coercive practice" is impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;
- v) "obstructive practice" is:
 - deliberately destroying, falsifying, altering, or concealing of evidence material to the investigation or making false statements to investigators in order to materially impede investigation by Public Procurement Regulatory Authority (PPRA) or any other appropriate authority appointed by Government of Kenya into allegations of a corrupt, fraudulent, coercive, or collusive practice; and/or threatening, harassing, or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation; or
 - acts intended to materially impede the exercise of the PPRA's or the appointed authority's inspection and audit rights provided for under paragraph 2.3 e. below.
- (b) Defines more specifically, in accordance with the above procurement Act provisions set forth for fraudulent and collusive practices as follows:

"fraudulent practice" includes a misrepresentation of fact in order to influence a procurement or disposal process or the exercise of a contract to the detriment of the procuring entity or the tenderer or the contractor, and includes collusive practices amongst tenderers 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.

- c) Rejects a proposal for award¹ of a contract if PPRA determines that the firm or individual recommended for award, any of its personnel, or its agents, or its sub-consultants, sub-contractors, service providers, suppliers and/ or their employees, has, directly or indirectly, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices in competing for the contract in question;
- d) Pursuant to the Kenya's above stated Acts and Regulations, may sanction or debar or recommend to appropriate authority(ies) for sanctioning and debarment of a firm or individual, as applicable under the Acts and Regulations;
- e) Requires that a clause be included in Tender documents and Request for Proposal documents requiring (i) Tenderers (applicants/proposers), Consultants, Contractors, and Suppliers, and their Subcontractors, Sub-consultants, Service providers, Suppliers, Agents personnel, permit the PPRA or any other appropriate authority appointed by Government of Kenya to inspect² all accounts, records and other documents relating to the procurement process, selection and/or contract execution, and to have them audited by auditors appointed by the PPRA or any other appropriate authority appointed by Government of Kenya; and
- f) Pursuant to Section 62 of the above Act, requires Applicants/Tenderers to submit along with their Applications/Tenders/Proposals a "Self-Declaration Form" as included in the procurement document declaring that they and all parties involved in the procurement process and contract execution have not engaged/will not engage in any corrupt or fraudulent practices.

¹For the avoidance of doubt, a party's ineligibility to be awarded a contract shall include, without limitation, (i) applying for pre-qualification, expressing interest in A consultancy, and tendering, either directly or as a nominated sub-contractor, nominated consultant, nominated manufacturer or supplier, or nominated service provider, in respect of such contract, and (ii) entering into an addendum or amendment introducing a material modification to any existing contract.

²Inspections in this context usually are investigative (i.e., forensic) in nature. They involve fact-finding activities undertaken by the Investigating Authority or persons appointed by the Procuring Entity to address specific matters related to investigations/audits, such as evaluating the veracity of an allegation of possible Fraud and Corruption, through the appropriate mechanisms. Such activity includes but is not limited to: accessing and examining a firm's or individual's financial records and information, and making copies thereof as relevant; accessing and examining any other documents, data and information (whether in hard copy or electronic format) deemed relevant for the investigation/audit, and making copies there of as relevant; interviewing staff and other relevant individuals; performing physical inspections and site visits; and obtaining third party verification of information.

2. TENDERER INFORMATION FORM

[The Tenderer shall fill in this Form in accordance with the instructions indicated below. No alterations to its format shall be permitted and no substitutions shall be accepted.]

Date: [insert date (as day, month and year) of Tender submission].

ITT No.:_____[insert number of Tendering process]

Alternative No.: _____ [insert identification No if this is a Tender for an alternative]

1. Tenderer's Name [insert Tenderer's legal name]

2. In case of JV, legal name of each member: [insert legal name of each member in JV]

3. Tenderer's actual or intended country of registration: [insert actual or intended country of registration]

4. Tenderer's year of registration: [insert Tenderer's year of registration]

5. Tenderer's Address in country of registration: [insert Tenderer's legal address in country of registration]

6. Tenderer's Authorized Representative Information Name: [insert Authorized Representative's name] Address: [insert Authorized Representative's Address] Telephone: [insert Authorized Representative's telephone/fax numbers]

Email Address: *[insert Authorized Representative's email address]*7. Attached are copies of original documents of *[check the box(es) of the attached original documents]*

 \square Articles of Incorporation (or equivalent documents of constitution or association), and/or documents of registration of the legal entity named above, in accordance with ITT 4.4.

In case of JV, Form of intent to form JV or JV agreement, in accordance with ITT 4.1.

- Acurrent tax clearance certificate or tax exemption certificate in case of Kenyan tenderers issued by the the Kenya Revenue Authority in accordance with ITT 4.14.
- In case of state-owned enterprise or institution, in accordance with ITT 4.6 documents establishing:
- Legal and financial autonomy
- Operation under commercial law
- • Establishing that the Tenderer is not under the supervision of the agency of the Procuring Entity

8. Included are the organizational chart and a list of Board of Directors.

OTHER FORMS

3. TENDERER'S JV MEMBERS INFORMATION FORM

[The Tenderer shall fill in this Form in accordance with the instructions indicated below. The following table shall be filled in for the Tenderer and for each member of a Joint Venture]].

Date......[insert date (as day, month and year) of Tender submission]

1. Tenderer's Name: [insert Tenderer's legal name]

2. Tenderer's JV Member's name: [insert JV's Member legal name]

3. Tenderer's JV Member's country of registration: [insert JV's Member country of registration]

4. Tenderer's JV Member's year of registration: [insert JV's Member year of registration]

- 5. Tenderer's JV Member's legal address in country of registration: [insert JV's Member legal address in country of registration]
- 6. Tenderer's JV Member's authorized representative information

Name: [insert name of JV's Member authorized representative]

Address: [insert address of JV's Member authorized representative]

Telephone/Fax numbers: [insert telephone/fax numbers of JV's Member authorized representative]

Email Address: [insert email address of JV's Member authorized representative]

7. Attached are copies of original documents of [check the box(es) of the attached original documents]

- Articles of Incorporation (or equivalent documents of constitution or association), and/or registration documents of the legal entity named above, in accordance with ITT 4.4.
- □ In case of a state-owned enterprise or institution, documents establishing legal and financial autonomy, operation in accordance with commercial law, and that they are not under the supervision of the Procuring Entity, in accordance with ITT 4.6.

8.Included are the organizational chart and a list of Board of Directors.

FORM OF TENDER SECURITY-[Option 1–Demand Bank Guarantee]

Beneficiary:	
Request for Tenders No:	
Date:	
TENDER GUARANTEE No.:	
Guarantor:	

- 1. We have been informed that ______ (here inafter called "the Applicant") has submitted or will submit to the Beneficiary its Tender (here inafter called" the Tender") for the execution of ______ under Request for Tenders No. ______("the ITT").
- 2. Furthermore, we understand that, according to the Beneficiary's conditions, Tenders must be supported by a Tender guarantee.
- 3. At the request of the Applicant, we, as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of ________) upon receipt by us of the Beneficiary's complying demand, supported by the Beneficiary's statement, whether in the demand itself or a separate signed document accompanying or identifying the demand, stating that either the Applicant:
- (a) has withdrawn its Tender during the period of Tender validity set forth in the Applicant's Letter of Tender ("the Tender Validity Period"), or any extension thereto provided by the Applicant; or
- b) having been notified of the acceptance of its Tender by the Beneficiary during the Tender Validity Period or any extension there to provided by the Applicant, (i) has failed to execute the contract agreement, or (ii) has failed to furnish the Performance.
- 4. This guarantee will expire: (a) if the Applicant is the successful Tenderer, upon our receipt of copies of the contract agreement signed by the Applicant and the Performance Security and, or (b) if the Applicant is not the successful Tenderer, upon the earlier of (i) our receipt of a copy of the Beneficiary's notification to the Applicant of the results of the Tendering process; or (ii) thirty days after the end of the Tender Validity Period.
- 5. Consequently, any demand for payment under this guarantee must be received by us at the office indicated above onor before that date.

[signature(s)]

Note: All italicized text is for use in preparing this form and shall be deleted from the final product.

FORMAT OF TENDER SECURITY [Option 2–Insurance Guarantee]

TENDER GUARANTEE No.:

Sealed with the Common Seal of the said Guarantor this _____day of _____ 20 ___.

- 3. NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION is such that if the Applicant:
 - a) has withdrawn its Tender during the period of Tender validity set forth in the Principal's Letter of Tender ("the Tender Validity Period"), or any extension thereto provided by the Principal; or
 - b) having been notified of the acceptance of its Tender by the Procuring Entity during the Tender Validity Period or any extension thereto provided by the Principal; (i) failed to execute the Contract agreement; or (ii) has failed to furnish the Performance Security, in accordance with the Instructions to tenderers ("ITT") of the Procuring Entity's Tendering document.

then the guarantee undertakes to immediately pay to the Procuring Entity up to the above amount upon receipt of the Procuring Entity's first written demand, without the Procuring Entity having to substantiate its demand, provided that in its demand the Procuring Entity shall state that the demand arises from the occurrence of any of the above events, specifying which event(s) has occurred.

- 4. This guarantee will expire: (a) if the Applicant is the successful Tenderer, upon our receipt of copies of the contract agreement signed by the Applicant and the Performance Security and, or (b) if the Applicant is not the successful Tenderer, upon the earlier of (i) our receipt of a copy of the Beneficiary's notification to the Applicant of the results of the Tendering process; or (ii)twenty-eight days after the end of the Tender Validity Period.
- 5. Consequently, any demand for payment under this guarantee must be received by us at the office indicated above on or before that date.

[Date]

[Signature of the Guarantor]

[Witness]

[Seal]

Note: All italicized text is for use in preparing this form and shall be deleted from the final product.

FORM OF TENDER - SECURING DECLARATION

[The Tenderer shall fill in this Form in accordance with the instructions indicated.]

Date:		[date	(as	day,	month	n and	year)]
ITT	No.:	[num	ber	of	Tenderin	g proce	ess]
Alternati	ve No.:	[insert iden	tificatio	n No if th	his is a Ter	nder for an a	lternative]
То:		[complete	nar	ne	of I	Procuring	Entity]
We,	the	undersigned	l,		declare	2	that:

We understand that, according to your conditions, Tenders must be supported by a Tender-Securing

Declaration.

We accept that we will automatically be suspended from being eligible for Tendering or submitting proposals in any contract with the Procuring Entity for the period of time of *[number of months or years]* starting on *[date]*, if we are in breach of our obligation(s) under the Tender conditions, because we:

- a) Have withdrawn our Tender during the period of Tender validity specified in the Form of Tender; or
- b) Having been notified of the acceptance of our Tender by the Procuring Entity during the period of Tender validity, (i) fail to sign the Contract agreement; or (ii) fail or refuse to furnish the Performance Security, if required, in accordance with the ITT.

We understand this Tender Securing Declaration shall expire if we are not the successful Tenderer, upon the earlier of (i) our receipt of your notification to us of the name of the successful Tenderer; or (ii) twenty-eight days after the expiration of our Tender.

Name of the Tenderer*	
	Name of the person duly authorized to sign the Tender on behalf
of the Tenderer**	
	Title of the person signing the Tender
	Signature of the person named above
	Date signedday of,

*: In the case of the Tender submitted by joint venture specify the name of the Joint Venture as Tenderer

**: Person signing the Tender shall have the power of attorney given by the Tenderer attached to the Tender

[Note: In case of a Joint Venture, the Tender-Securing Declaration must be in the name of all members to the Joint Venture that submits the Tender.]

QUALIFICATION FORMS

2 FOREIGN TENDERERS 40% RULE

Pursuant to ITT 3.9, a foreign tenderer must complete this form to demonstrate that the tender fulfils this condition.

ITEM	Description of Work Item	Describe location of Source	COST in K. shillings	Comments, if any
А	Local Labor		·	·
1				
2				
3				
4				
5				
В	Sub contracts from Local source	ces		
1				
2				
3				
4				
5				
С	Local materials			
1				
2				
3				
4				
5				
D	Use of Local Plant and Equipm	nent	4	-
1				
2				
3				
4				
5				
Е	Add any other items			
1				
2				
3			1	
4				
5				
6				
-	TOTAL COST LOCAL CONT	TENT	XXXXX	
	PERCENTAGE OF CONTRA		1	

3 FORM EQU: EQUIPMENT

The Tenderer shall provide adequate information to demonstrate clearly that it has the capability to meet the requirements for the key equipment listed in Section III, Evaluation and Qualification Criteria. A separate Form shall be prepared for each item of equipment listed, or for alternative equipment proposed by the Tenderer.

Item of equipm	ent			
Equipment information	Name of manufact	urer		Model and power rating
	Capacity			Year of manufacture
Current status	Current location			
	Details of current c	commitments		
Source	Indicate source of t	the equipment	Ţ	
	□ Owned	□ Rented	□ Leased	□ Specially manufactured

Omit the following information for equipment owned by the Tenderer.

Owner	Name of owner				
	Address of owner				
	Telephone	Contact name and title			
	Fax	Telex			
Agreements	Details of rental / lease / manufacture agreer	/ manufacture agreements specific to the project			

4 <u>FORM PER-1</u> Tenderer's/Contractor's

Representative and Key Personnel Schedule

Tenderers should provide the names and details of the suitably qualified Contractor's Representative and Key Personnel to perform the Contract. The data on their experience should be supplied using the Form PER-2 below for each candidate.

Tenderer's/Contractor' Representative and Key Personnel.

1.	Title of position: Contractor's Representative				
	Name of candidate:				
	Duration of	[insert the whole period (start and end dates) for which this position will be			
	appointment:	engaged]			
	Time commitment: for	[insert the number of days/week/months/ that has been scheduled for this			
	this position:	position]			
	Expected time schedule	[insert the expected time schedule for this position (e.g. attach high level			
	for this position:	Gantt chart]			
2.	Title of position: []				
	Name of candidate:				
	Duration of	[insert the whole period (start and end dates) for which this position will be			
	appointment:	engaged]			
	Time commitment: for	[insert the number of days/week/months/ that has been scheduled for this			
	this position:	position]			
	Expected time schedule	[insert the expected time schedule for this position (e.g. attach high level			
	for this position:	Gantt chart]			
3.	Title of position: []			
	Name of candidate:				
	Duration of	[insert the whole period (start and end dates) for which this position will be			
	appointment:	engaged]			
	Time commitment: for	[insert the number of days/week/months/ that has been scheduled for this			
	this position:	position]			
	Expected time schedule	[insert the expected time schedule for this position (e.g. attach high level			
	for this position:	Gantt chart]			
4.	Title of position: []				
	Name of candidate:				
	Duration of	[insert the whole period (start and end dates) for which this position will be			
	appointment:	engaged]			
	Time commitment: for	[insert the number of days/week/months/ that has been scheduled for this			
	this position:	position]			
	Expected time schedule	[insert the expected time schedule for this position (e.g. attach high level			
	for this position:	Gantt chart]			
5.	Title of position: [insert tit	le]			
	Name of candidate				
	Duration of	[insert the whole period (start and end dates) for which this position will be			
	appointment:	engaged]			
	Time commitment: for	[insert the number of days/week/months/ that has been scheduled for this			
	this position:	position]			
	Expected time schedule	[insert the expected time schedule for this position (e.g. attach high level			
	for this position:	Gantt chart]			

5. FORM PER - 2:

Resume and Declaration - Contractor's Representative and Key Personnel. Name of Tenderer_____

Position [#1]:	[title of position from Form PER-1]		
Personnel information	Name:	Date of birth:	
	Address:	E-mail:	
	Professional qualifications:		
	Academic qualifications: Academic qualifications: Language proficiency: [language and levels of speaking, reading and writing skills]		
Details		e and levels of speaking, reading and writing skiis	lls]
	Address of Procuring Entity:		
	Telephone:	Contact (manager / personnel officer):	
	Fax:		
	Job title:	Years with present Procuring Entity:	

Summarize professional experience in reverse chronological order. Indicate particular technical and managerial experience relevant to the project.

Project	Role	Duration of involvement	Relevant experience
[main project details]	[role and responsibilities on the project]	[time in role]	[describe the experience relevant to this position]

Declaration

I, the undersigned...... *[insert either "Contractor's Representative" or "Key Personnel" as applicable]*, certify that to the best of my knowledge and belief, the information contained in this Form PER-2 correctly describes myself, my qualifications and my experience.

I confirm that I am available as certified in the following table and throughout the expected time schedule for this position as provided in the Tender:

Commitment	Details
Commitment to duration of contract:	[insert period (start and end dates) for which this
	Contractor's Representative or Key Personnel is available
	to work on this contract]
Time commitment:	[insert period (start and end dates) for which this
	Contractor's Representative or Key Personnel is available
	to work on this contract]

I understand that any misrepresentation or omission in this Form may:

- a) be taken into consideration during Tender evaluation;
- b) result in my disqualification from participating in the Tender;
- c) result in my dismissal from the contract.

Name of Contractor's Representative or Key Personnel: [insert name]

Signature:_____

Date: (day month year):

Countersignature of authorized representative of the Tenderer:

Signature:_____

Date: (day month year): _____

TENDERERS QUALIFICATION WITHOUT PREQUALIFICATION

To establish its qualifications to perform the contract in accordance with Section III, Evaluation and Qualification Criteria the Tenderer shall provide the information requested in the corresponding Information Sheets included hereunder.

6. FORM EL I -1.1

Tenderer Information

Form

Date:

ITT No. and title:

Tenderer's name
In case of Joint Venture (JV), name of each member:
Tenderer's actual or intended country of registration:
[indicate country of Constitution]
Tenderer's actual or intended year of incorporation:
Tenderer's legal address [in country of registration]:
Tenderer's authorized representative information
Name:
Address:
Telephone/Fax numbers:
E-mail address:
1. Attached are copies of original documents of
Articles of Incorporation (or equivalent documents of constitution or association), and/or documents of
registration of the legal entity named above, in accordance with ITT 4.4
In case of JV, letter of intent to form JV or JV agreement, in accordance with ITT 4.1
In case of state-owned enterprise or institution, in accordance with ITT 4.6, documents establishing:
Legal and financial autonomy
Operation under commercial law
• Establishing that the Tenderer is not under the supervision of the Procuring Entity
2. Included are the organizational chart and a list of Board of Directors.

7. FORM ELI - 1.2

Tenderer's JV Information Form

(to be completed for each member of Tenderer's JV)

Date:_____

ITT No. and title:

Tenderer's JV name:
JV member's name:
JV member's country of registration:
JV member's year of constitution:
JV member's legal address in country of constitution:
JV member's authorized representative information
Name:
Address:
Telephone/Fax numbers:
E-mail address:
 1. Attached are copies of original documents of Articles of Incorporation (or equivalent documents of constitution or association), and/or registration documents of the legal entity named above, in accordance with ITT 4.4. In case of a state-owned enterprise or institution, documents establishing legal and financial autonomy, operation in accordance with commercial law, and that they are not under the supervision of the Procuring
Entity, in accordance with ITT 4.6.

2. Included are the organizational chart and a list of Board of Directors.

8 FORM CON -2

Historical Contract Non-Performance, Pending Litigation and Litigation

History. Tenderer's Name:

Date:_____

JV Member's Name_____

ITT No. and title:

Non-Performed Contracts in accordance with Section III, Evaluation and Qualification Criteria Contract non-performance did not occur since 1st January [*insert year*] specified in Section III, Evaluation and Qualification Criteria, Sub-Factor 2.1.

Contract(s) not performed since 1st January *[insert year]* specified in Section III, Evaluation and Qualification Criteria, requirement 2.1

Year	Non- performed portion of contract	Contract Identification	Total Contract Amount (current value, currency, exchange rate and Kenya Shilling equivalent)
[insert	[insert amount	Contract Identification: [indicate complete contract name/	[insert amount]
year]	and percentage]	number, and any other identification]	
		Name of Procuring Entity: [insert full name]	
		Address of Procuring Entity: [insert street/city/country]	
		Reason(s) for nonperformance: [indicate main reason(s)]	
Pending l	Litigation, in accorda	nce with Section III, Evaluation and Qualification Criteria	
	No pending litigation	in accordance with Section III, Evaluation and Qualificatio	n Criteria, Sub-
Factor 2.	1 0 0		·

Pending litigation in accordance with Section III, Evaluation and Qualification Criteria, Sub-Factor 2.3 as indicated below.

Year of	Amount in	Cont	ract Identification	Total Contract Amount		
dispute	dispute			(currency), Kenya Shilling		
	(currency)			Equivalent (exchange rate)		
		Cont	ract Identification:			
			e of Procuring Entity:			
		Addr	ess of Procuring Entity:			
			er in dispute:			
		Party	who initiated the dispute:			
		Statu	s of dispute:			
		Cont	ract Identification:			
		Nam	e of Procuring Entity:			
Add		Addr	ess of Procuring Entity:			
Matt		Matt	er in dispute:			
	Party		who initiated the dispute:			
		Statu	s of dispute:			
Litigatio	n History in ac	cordar	nce with Section III, Evaluation and Qua	lification Criteria		
	No Litigation I	History	in accordance with Section III, Evaluati	on and Qualification Criteria, Sub-		
	Factor 2.4.					
Litigation History in accordance with Section III, Evaluation and Qualification Criteria, Sub-						
Factor 2.4 as indicated below.						
Year of Outcome as		e as	Contract Identification	Total Contract Amount		
award	percenta	age		(currency), Kenya Shilling		

Year of Amount i dispute dispute (currency		pute		ract Identification	Total Contract Amount (currency), Kenya Shilling Equivalent (exchange rate)	
	of N	et			Equivalent (exchange rate)	
	Wor	th				
[insert	[inse	ert		Contract Identification: [indicate	[insert amount]	
year]	perc	enta	ge]	complete contract name, number,		
				and any other identification]		
				Name of Procuring Entity: [insert		
				full name]		
				Address of Procuring Entity: [insert		
				street/city/country]		
				Matter in dispute: [indicate main		
				issues in dispute]		
				Party who initiated the dispute:		
				[indicate "Procuring Entity" or		
				"Contractor"]		
				Reason(s) for Litigation and award		
				decision [indicate main reason(s)]		

9. FORM FIN –3.1:

Financial Situation and Performance

Tenderer's Name:
Date:
JV Member's Name
ITT No. and title:

6.4.1. Financial Data

Type of Financial information in	Historic information for previousyears,					
(currency)	(amount in currency, currency, exchange rate*, USD equivalent)					
	Year 1	Year 2	Year 3	Year 4	Year 5	
Statement of Financial Position ()	Information	from Balance	Sheet)			
Total Assets (TA)						
Total Liabilities (TL)						
Total Equity/Net Worth (NW)						
Current Assets (CA)						
Current Liabilities (CL)						
Working Capital (WC)						
Information from Income Statem	ent					
Total Revenue (TR)						
Profits Before Taxes (PBT)						
Cash Flow Information						
Cash Flow from Operating Activities						

*Refer to ITT 15 for the exchange rate

15. Sources of Finance

Specify sources of finance to meet the cash flow requirements on works currently in progress and for future contract commitments.

No.	Source of finance	Amount (Kenya Shilling equivalent)
1		
2		
3		

Financial documents

The Tenderer and its parties shall provide copies of financial statements for ______years pursuant Section III, Evaluation and Qualifications Criteria, Sub-factor 3.1. The financial statements shall:

- a) reflect the financial situation of the Tenderer or in case of JV member, and not an affiliated entity (such as parent company or group member).
- b) Be independently audited or certified in accordance with local legislation.
- c) Be complete, including all notes to the financial statements.
- d) Correspond to accounting periods already completed and audited.

Attached are copies of financial statements² for the ______ years required above; and complying with the requirements

²If the most recent set of financial statements is for a period earlier than 12 months from the date of Tender, the reason for this should be justified.

16. FORM FIN -3.2:

Average Annual Construction Turnover

Tenderer's Name:

Date:______
JV Member's Name______

ITT No. and title:

Annual turnover data (construction only)						
Year	Amount	Exchange rate	Kenya Shilling equivalent			
	Currency					
[indicate year]	[insert amount and indicate					
	currency]					
Average						
Annual						
Construction						
Turnover *						

* See Section III, Evaluation and Qualification Criteria, Sub-Factor 3.2.

17. FORM FIN -3.3:

Financial Resources

Specify proposed sources of financing, such as liquid assets, unencumbered real assets, lines of credit, and other financial means, net of current commitments, available to meet the total construction cash flow demands of the subject contractor contracts as specified in Section III, Evaluation and Qualification Criteria.

Fina	Financial Resources					
No.	Source of financing	Amount (Kenya Shilling equivalent)				
1						
2						
3						

18. FORM FIN -3.4:

Current Contract Commitments / Works in Progress

Tenderers and each member to a JV should provide information on their current commitments on all contracts that have been awarded, or for which a letter of intent or acceptance has been received, or for contracts approaching completion, but for which an unqualified, full completion certificate has yet to be issued.

No.	Name of Contract	Procuring Entity's Contact Address, Tel,	Value of Outstanding Work [Current Kenya Shilling /month Equivalent]	Estimated Completion Date	Average Monthly Invoicing Over Last Six Months [Kenya Shilling /month)]
1					
2					
3					
4					
5					

19. FORM EXP - 4.1

General Relevant Work Experience

Tenderer's Name:
Date:
JV Member's Name
ITT No. and title:

Page_____of____pages

Starting	Ending	Contract Identification	Role of
	Year		Tenderer
Year			
		~	
		Contract name:	
		Brief Description of the Works performed by the	
		Tenderer:	
		Amount of contract:	
		Name of Procuring Entity:	
		Address:	
		Contract name:	
		Brief Description of the Works performed by the	
		Tenderer:	
		Amount of contract:	
		Name of Procuring Entity:	
		Address:	
		Contract name:	
		Brief Description of the Works performed by the	
		Tenderer:	
		Amount of contract:	
		Name of Procuring Entity:	
		Address:	

20. FORM EXP - 4.2 (a)

Specific Work and Management Experience

Tenderer's Name:_____
Date:_____
JV Member's Name_____

ITT No. and title:

Similar Contract No.	Information			
Contract Identification				
Award date				
Completion date				
Role in Contract	Prime Contractor □	Member in JV □	Management Contractor	Sub- contractor
Total Contract Amount			Kenya Shilling	
If member in a JV or sub-contractor,				
specify participation in total Contract				
amount				
Procuring Entity's Name:				
Address:				
Telephone/fax number				
E-mail:				
Description of the similarity in				
accordance with Sub-Factor 4.2(a) of				
Section III:				
1. Amount				
2. Physical size of required works				
items				
3. Complexity				
4. Methods/Technology				
5. Construction rate for key				
activities				
6. Other Characteristics				

21. FORMEXP- 4.2 (b)

Work Experience in Key Activities

Tenderer's Name:
Date:
Tenderer's JV Member Name:
Sub-contractor's Name ³ (as per ITT 34):
ITT No and title:

All Sub-contractors for key activities must complete the information in this form as per ITT 34 and Section III, Evaluation and Qualification Criteria, Sub-Factor 4.2.

1. Key Activity No One:

	Information				
Contract Identification					
Award date	-				
Completion date					
Role in Contract	Prime Contractor	Men JV □	nber in	Management Contractor	Sub-contractor
Total Contract Amount				Kenya Shilling	ç.
Quantity (Volume, number or rate of production, as applicable) performed under the contract per year or part of the year	Total quantity the contract (i)	in	Percentage participatio (ii)		Actual Quantity Performed (i) x (ii)
Year 1					
Year 2					
Year 3					
Year 4					
Procuring Entity's Name:					
Address: Telephone/fax number E-mail:					

2 Activity No. Two

3.

³If applicable

SCHEDULE FORMS

[The Tenderer shall fill in these Forms in accordance with the instructions indicated. The list of line items in column1 of the Activity Schedules shall coincide with the List of Maintenance services specified in the Procuring Entity's Requirements.]

WORK SCHEDULES AND SPECIFICATIONS

LOT I: FIRE SAFETY TRAINING AND FIRE EQUIPMENT MAINTENANCE

Scope of service

	Technical Specifications (Service and other key requirements)
1	Shall provide competent staff that are experienced and technically versed in Fire Equipment maintenance.
2	Shall test all the Fire equipment and provide certificate as a proof of the same.
3	Shall provide a list of qualified technicians who would be contacted for emergency responses at a short notice.
4	Shall establish functionality of portable fire extinguishers, hydrant systems, hose reels, automatic fire detection & alarm systems, automatic sprinklers, Fire Suppression systems and recommend repairs where necessary.
5	Shall undertake such repair, component replacement and refurbishment of the equipment as may be deemed necessary for the purpose of keeping the equipment in serviceable condition.
6	Shall in respect of each piece of equipment affix a label indicating basic details of the service carried out and the date thereof.
7	Refilling and recharging any fire extinguisher found wholly or partially discharged whether in use or storage.
8	Shall replace break glasses immediately the same is reported for attention either arising from accidental or deliberate activation.
9	Shall provide quarterly serviceability status report of all fire equipment in subject procurement which shall include description of the nature of service carried out and the condition of the equipment.
10	Shall draw a servicing program /schedule of fire protection equipment and present a copy of the same to Security manager's office.
11	Technicians shall always report to the building security control room, Security officer, property officer or station manager to be signed off after completion of the services in the premises.
12	The senior technician carrying out services shall give a written report on malfunctioning safety equipment or systems immediately the same is noted for immediate action by the Security manager.
13	Shall inspect and refill the fire suppression systems in areas where they exist.
14	Shall be on call 24 hours if and when needed.
15	Inspection and flashing of the fire suppression system when needed.
16	Inspect and recommend for the necessary repairs of fire panels, smoke detectors, heat detectors, break glasses.
17	Shall provide a Contract Manager for the contract.

18		Shall replace the canvas for the kitchen hood for Times Tower and KESRA Mombasa twice a year	
19		Shall service Emergency Evacuation System at Times Tower and Ushuru Pension Plaza	
20		Clean the body parts of all pumps	
21		Check on leaking gate valves	
22		Check pressure switches	
23		Check and clean level indicator systems	
24		Lubricating all mechanical parts	
25		Check pump floats	
26		Check all piping for leaks including overflow piping	
27		Tighten all panel connections	
28		Check & test the level controls & indicators for proper operations	
29		Carry out the test on starting and running currents for all pump motors biannual	
30		Check and clean all panels	
31		Clean the body parts of all pumps	
32		Check on leaking gate valves	
33		Check pressure switches	
34		Check and clean level indicator systems	
35		Lubricating all mechanical parts	
36	Shall tra	in fire marshals as provided in Table 2 below.	Ĩ
37	Shall co	nduct fire safety and emergency first aid sensitisation as provided in Table 2 below per floor in each building.	
38	Shall pro	ovide certificates to the participants.	
39		onduct a fire drills in corroboration and coordination with the local authorities with the approval of the other Government agencies with full support of nces, Fire Engines, auditors etc	
40	Shall co	nduct a live demonstration during the various trainings.	

41	Shall use the Authority's carbon dioxide and fire blanket types of firefighting equipment during the training and live demonstrations.
42	Shall provide a programme for fire marshals of a maximum of 25 participants per session (both fire and emergency first aid)
43	Shall conduct thorough rehearsals in preparation of fire drills.
44	Shall visit or gather relevant information about the sites.
45	Shall conduct fire drills in the areas that have been indicated in the schedule

FIRE EQUIPMENT MAINTENANCE SERVICES COUNTRYWIDE Table 1- Distribution of Fire Protection Equipment Countrywide

S/N	REGION/COUNTY	STATION	WATER	CARBON DIOXIDE	DRY POWDER	FOAM	FIRE BLANKETS	HOSE REEL	FIRE DETECTION SYSTEM	FIRE CABINETS	FIRE DOORS
SOU	THERN REGION										ľ
001	MOMBASA	MOMBASA FORODHA	0	67	47	3	3	7	1	0	0
		KILINDINI	0	19	23	0	0	0	0	0	0
		UKUNDA	0	2	2	0	0	0	0	0	0
		NGOMENI	0	1	1	0	0	0	0	0	0
		KESRA MSA	0	70	67	10	1	6	1	0	0
		SOWETO	0	88	155	0	0	0	0	0	0
		CHANGAMWE	0	32	14	0	0	0	0	0	0
		MIRITINI ONE	0	8	8	0	0	0	0	0	0
		MIRITINI TWO	0	27	23	0	0	0	0	0	0
		BUXTAN	0	0	15	0	0	0	0	0	0
		KIZINGO	0	17	0	0	0	0	0	0	0
		NYERERE	0	22	19	0	0	0	0	0	0
		BAMBURI SENIOR	0	6	2	0	0	0	0	0	0
		BAMBURI JNR	0	9	10	0	0	0	0	0	0
		MIGADINI	0	14	13	0	0	0	0	0	0
		GATE18/20	0	4	3	0	0	0	0	0	0
		SHADE 5	0	7	10	0	0	0	0	0	0
		SGR SCANNER	0	6	6	0	0	0	0	0	0
		SCANNER OFFICE MOBILE	0	4	4	0	0	0	0	0	0
		G-SECTION SCANNER	0	3	1	0	0	0	0	0	0
		G-SECTION GODOWN	0	3	5	0	0	0	0	0	0
		SCANNER OFFICE FIXED	0	3	4	0	0	0	0	0	0
		MOI AIRPORT MSA	0	8	9	0	0	0	0	0	0
002	KWALE	LUNGALUNGA	0	28	27	3	0	6	5	0	0
		VANGA	0	1	1	1	0	0	0	0	0
		SHIMONI	0	30	8	0	0	0	0	0	0
003	KILIFI	MALINDI	0	17	15	0	0	0	0	0	0
		KILIFI	0	3	5	1	0	0	0	0	0
005	LAMU	LAMU	18	20	2	0	0	0	0	0	0
		KIUNGA	1	1	2	1	0	0	0	0	0
006	TAITA/TAVETA	VOI	0	10	12	0	0	0	0	0	0

		TAVETA	0	115	107	2	0	6	2	0	0
NOR	THERN REGION		0	110	107	_	0	0	_	0	0
007	GARISSA	GARISSA	3	3	5	2	0	0	0	0	0
007	orndbbri	LIBOI	2	3	3	0	0	0	0	0	0
		DIFFU	1	5	1	0	0	0	0	0	0
008	WAJIR	WAJIR	0	2	2	0	2	0	0	0	0
009	MANDERA	MANDERA	5	5	5	5	0	0	0	0	0
00)		ELWAK	0	3	2	0	0	0	0	0	0
011	MARSABIT	MOYALE OSBP	2	70	60	5	1	11	5	0	0
012	ISIOLO	ISIOLO	1	2	2	0	1	0	0	0	0
012	MERU	MERU	0	8	7	0	1	0	0	0	0
015	EMBU	EMBU	0	23	11	0	0	0	0	0	0
015	KITUI	KITUI	0	4	3	0	1	0	0	0	0
010	MACHAKOS	MACHAKOS	2	4	5	0	2	0	0	0	0
	TRAL REGION	MACHAKOS	2	14	5	1	2	0	0	0	0
		NYEDI	0	10	12	0	0	16	1	0	0
020	NYERI	NYERI	0	18	13	0	0	16	1	0	0
021	KIRINYAGA	KERUGOYA	0	10	10	0	0	0	0	0	0
022	MURAGA	MURANGA	0	5	6	0	0	0	0	0	0
023	KIAMBU	KIAMBU	0	6	4	0	0	0	0	0	0
		THIKA	0	21	0	0	1	0	0	0	0
	TH RIFT REGION										-
024	TURKANA	LODWAR	0	6	11	0	1	0	0	0	0
		LOKICHOGIO	4	3	4	3	1	0	0	0	0
		NADAPAL	0	4	4	0	0	0	0	0	0
026	SAMBURU	MARALAL	0	5	4	0	1	0	0	0	0
027	TRANS-NZOIA	KITALE	0	5	4	0	1	0	0	0	0
		SUAM	1	2	1	2	0	0	0	2	0
027	UASIN GISHU	ELDORET	2	22	6	1	6	0	0	0	0
		ELD AIRPORT	0	2	1	0	0	0	0	0	0
		ELD PIPELINE	0	3	2	0	0	0	0	0	0
		ELDORET WAREHOUSE	0	24	24	0	0	0	1	0	0
031	LAIKIPIA	NANYUKI	0	10	0	0	1	0	0	0	0
001		NYAHURURU	0	7	5	0	1	0	0	0	0
SOU	THRIFT REGION	Minickette	0	,	5	0	1	0	0	0	0
032	NAKURU	NAKURU OFFICE	0	11	9	0	1	0	0	0	0
052	MIKOKO	NAKURU POST	0	1	1	0	0	0	0	0	0
		OFFFICE	0	1	1	0	0	0	0	0	0
		NAKURU PIPELINE	0	1	1	0	0	0	0	0	0
		NAIVASHA	0	9	6	0	1	0	0	0	0
033	NAROK	NAROK	0	7	9	0	1	0	0	0	0
033	KAJIADO	KITENGELA	0	8	0	0	1	0	0	0	0
034	KAJIADO	NAMANGA	6	23	30	7	1	12	0	0	0
		LOITOKTOK	-				-		1	-	-
			77	71	45	2	1	0	0	0	0
0.2.5	WEDIGUO	KAJIADO	3	7	2	0	1	0	0	0	0
035	KERICHO	KERICHO	0	5	0	0	0	0	0	0	0
	VESTEREGION		-	10	~	-				-	
037	KAKAMEGA	KAKAMEGA	0	13	8	0	0	0	0	0	0
039	BUNGOMA	BUNGOMA	0	4	4	0	0	0	0	0	0
		LWAKHAKHA	3	6	11	2	0	2	0	0	0
040	BUSIA	BUSIA	19	82	70	7	0	0	1	0	0
		MALABA	18	56	97	4	0	9	1	0	0
		SIO PORT	0	2	2	1	0	0	0	0	0
041	SIAYA	USENGE	0	2	7	1	0	0	1	0	0

042	KISUMU	LAKE BASIN	0	10	10	0	0	0	0	0	0
		KSM PIER	2	2	3	0	0	0	0	0	0
		ICD KSM	0	0	2	2	0	0	0	0	0
		KSM FORODHA	5	16	16	3	0	0	1	0	0
		R.OUKO SENIOR	0	3	3	0	0	0	0	0	0
		R.OUKO JUNIOR	0	3	3	0	0	0	0	0	0
		MILIMANI SENIOR	0	2	2	0	0	0	0	0	0
		MILIMANI JUNIOR	0	6	6	0	0	0	0	0	0
043	HOMA BAY	MBITA	0	5	5	0	0	0	0	0	0
044	MIGORI	ISEBANIA	19	30	28	4	0	6	5	0	0
		KOPANGA	0	4	4	1	1	0	1	0	0
		NYAMTIRO	1	5	2	0	0	0	0	0	0
		MUHURU-BAY	0	3	3	0	0	0	0	0	0
045	KISII	KISII	0	21	0	0	2	0	1	0	0
047	NAIROBI REGION	TIMES TOWER	4	340	109	19	4	100	1	0	92
		JKIA	32	41	28	15	0	9	1	0	0
		UPT	0	104	65	1	0	50	3	0	0
		UPP	0	36	30	0	6	22	1	0	0
		SAMEER PARK	0	95	63	0	7	0	0	0	10
		KESRA NRB	3	15	21	0	1	0	0	0	0
		ICD NRB	0	25	16	0	1	0	0	0	0
		NDEKWA ESTATE	0	10	10	0	0	0	0	7	0
		KONGONI ESTATE	0	16	16	0	3	0	0	10	0
		MAWENZI A	0	12	11	0	0	0	0	6	0
		MAWENZI B	0	16	16	0	0	0	0	8	0
		LANGATA ESTATE	0	96	96	0	0	0	0	50	0
		ICD PEPE	0	3	0	0	0	0	0	0	0
		MAKOGENI	0	2	0	0	0	0	0	0	0
		ATHI RIVER	0	3	2	0	0	0	0	0	0
		WILSON	2	46	2	10	0	7	0	0	0
		LIKONI RD	0	7	0	0	0	0	1	0	0
		BOMALINE	0	8	4	0	0	0	0	0	0
		RAILWAYS									
		TOTAL	234	2231	1707	117	57	269	31	579	102

Table 2: Other Equipment

S/NO	SYSTEM	T.TOWER	UPT	UPP	JKIA	MSA C.HSE	KESRA MSA	OSBPs
1.	Kitchen Hood	1	-	-	-	-	1	-
2.	LPG Detection System	1	-	-	-	-	1	-
3	Automatic Suppression System	1	1	1	1	1	-	-
4	Hydrants	2	-	-	-	1	1	9
5	Fire Detection System	1	3	3	1	1	1	21
6	Voice Evacuation System	1	-	1	-	-	-	-
7	Foam	19	-	-	15	3	10	67
8	Pumps	31	23	9	2	2	2	14
9	Sprinkler System	1	1	1	-	-	-	-
	Wet Riser	1	3	2	-	-	-	-
	Dry Riser	1	3	1	-	-	-	-
	Mobile Units	1	0	0	8	0	0	0

	Hose Reels	100	50	22	9	7	6	69	

Table 3: Voice Evacuation System Times Tower

	Table 3: Voi																								_																			
parking	asement (B1-B2): (P1-P5: ; Hall (BH1-BH4);	В 1	В 2	Р 1	Р 3	P 4	Р 5	G	ВН 2	BH 3	BH 4	1	2	3 S	4	5	6	7	8	9	10	11	12	13	14	15	16 S	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
Ground	Floor (G);																																										۱	
	DEVICES																																											
1.	Network controller (PRS-NCO3)											1			1																													
	Control Software (PRS-SW)														1																													
	Master Redundant N/W Controller Switch (PSP- D00039)														1																													
4.	Slave Redundant N/W Controller Switch (PSP- D00039)											1																																
	Call Stacker (PRS- CRF)														1																													
	System Server PC		2						2			2		2	1 2							2					2	2							2						2		2	
	Fibre Interface (PRS-FINS)		2																																									
	Network Cable Assembly 0.5m (LBB4416/01)		2						2			4		2	6							2					2	2							2						2		2	
	Remote Call Station (PRS-CSR)							1				1			1																													
	Call Station Interface (PRS-								1			1			1																													

	CSR)																																								T					
11.	Call Station							3					6			6																							Г	T	T	T	T			
	Keypad																																													
	(LBB4432/00)																																													
12.	12U Network		1							1					1								1					1	1							1			T	T	T		1		1	
	Cabinet																																													
13.	44 <u>.</u> Network															1																							Г		T					
	Cabinet																																													
14.	22U Network												1																										Г		T	T				
	Cabinet																																													
15.	10KVA UPS															1																									T					
16.	8X60W Amp		1							1			1			1							1						1							1			T	T	T	Г	1			
	(LBB4428/00)																																													
17.	4125W Amp (PRS-														1													1											Γ	T	T				1	
	4P125)																																													
18.	L/SPK Line Set		6							4			7		3	7							6					3	6							6					T		6		3	
	(LBB4442/00)																																													
19.	6W Ceilling							9	5	5	5	5	5	5		5	5	5	5	5	5	5	5	5	5	5	5		5	5	5	5	5	5	5	5	5	5	5	5		5	5	5		2
	Mounted Speaker																																													
20.	6WWall Mounted							1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	Spk																																													
21.	20W Pendant (LS1-							6																																						
	UC20E)																																													
22.	15W Horn Spk	8	8	2	2	2	1	1																																	T					
	(LBC3428/00)																																													
23.	35W Horn Spk														5													5													Γ				5	
	(LBC 3478/00)																																													
Total																					T																				T					
L	1	1	I	I			1														L				1	1	1					1	1	ı	1	1	1	1			<u> </u>			L	<u> </u>	

SITE VISIT FORM

	SOUTHERN REGION			
001	MOMBASA	MOMBASA FORODHA		
		KILINDINI		
		UKUNDA		
		NGOMENI		
		KESRA MSA		
		SOWETO		
		CHANGAMWE		
		MIRITINI ONE		
		MIRITINI TWO		
		BUXTAN		
		KIZINGO		
		NYERERE		
		BAMBURI SENIOR		
		BAMBURI JNR		
		MIGADINI		
		OLD PORT		
		ТОУО		
		GATE18/20		
		SHADE 5		
		SGR SCANNER		
		SCANNER OFFICE		
		MOBILE		
		G-SECTION SCANNER		
		G-SECTION GODOWN		
		SCANNER OFFICE		
		FIXED		
		MOI AIRPORT MSA		
002	KWALE	LUNGALUNGA		
		VANGA		
		SHIMONI		
003	KILIFI	MALINDI		
		KILIFI		
005	LAMU	LAMU DTD		
006	TAITA/TAVETA	VOI		
		TAVETA		
		NORTHERN REGION		
007 GARISSA GARISSA				
008	WAJIR	WAJIR		
009	MANDERA	MANDERA		
011	MARSABIT	MOYALE OSBP		
012	ISIOLO	ISIOLO		
013	MERU	MERU		
015	EMBU	EMBU		
016	KITUI	KITUI		

017	MACHAKOS	MACHAKOS		
	·	CEN	TRAL REGION	
020	NYERI	NYERI		
021	KIRINYAGA	KERUGOYA		
022	MURAGA	MURANGA		
023	KIAMBU	KIAMBU		
		THIKA		
NORT	H RIFT REGION	·		
024	TURKANA	LODWAR		
		LOKICHOGIO		
026	SAMBURU	MARALAL		
027	TRANS-NZOIA	KITALE		
		SUAM		
027	UASIN GISHU	ELDORET		
		ELD AIRPORT		
		ELD PIPELINE		
		ELDORET		
		WAREHOUSE		
031	LAIKIPIA	NANYUKI		
		NYAHURURU		
		SOU	THRIFT REGION	
032	NAKURU	NAKURU OFFICE		
		NAKURU POST		
		OFFFICE		
		NAKURU PIPELINE		
		NAIVASHA		
033	NAROK	NAROK		
034	KAJIADO	KITENGELA		
		NAMANGA		
		LOITOKTOK		
		KAJIADO		
035	KERICHO	KERICHO		
		WES	STERN REGION	
037	KAKAMEGA	KAKAMEGA		
039	BUNGOMA	BUNGOMA		
		LWAKHAKHA		
040	BUSIA	BUSIA		
		MALABA		
041	SIAYA	USENGE		
042	KISUMU	LAKE BASIN		
		KSM PIER		
		KSM FORODHA		
		R.OUKO SENIOR		
		R.OUKO JUNIOR		
		MILIMANI SENIOR		
		MILIMANI JUNIOR		
043	HOMA BAY	MBITA		
044	MIGORI	ISEBANIA		
		KOPANGA		
		NYAMTIRO		
		MUHURU-BAY		
045	KISII	KISII		
		NA	IROBI REGION	

047	NAIROBI	TIMES TOWER
		JKIA
		UPT
		UPP
		SAMEER PARK
		KESRA NRB
		ICD NRB
		NDEKWA ESTATE
		KONGONI ESTATE
		MAWENZI A
		MAWENZI B
		LANGATA ESTATE
		MAKONGENI
		ATHI RIVER
		WILSON
		LIKONI RD
		BOMALINE
		RAILWAYS

KRA's Officer's Signature	Date
Bidders Name & Signature	Date

LOT II: INTEGRATED SECURITY SYSTEM

 Table 4 : Technical Specifications (Service and other key requirements)

	Technical Specifications (Service and other key requirements)
1	The Contractor shall undertake a comprehensive annual maintenance service of the KRA Integrated Security System (ISS). The ISS includes; CCTV and Access Control System
2	The Annual Maintenance shall include the scheduled preventive maintenance, replacement/repairs of ISS equipment/components
3	When equipment fails the Contractor shall first attempt to repair or fix it at site, if not repairable, the Contractor shall immediately replace the same with a similar one of the same specification or higher on temporary basis to ensure that the system remains in operation, pending procurement process
4	The Contractor shall ensure that the works carried out is to the highest standard and quality and in full compliance with the requirements of the original equipment manufacturers recommendation, all replacements shall be new and of a manufacturer's revision level not less than that of the part to be replaced
5	The Contractor shall use their own tools (Crimping Tool, Cable Tracer, Assorted Spanner, Avometer, Crimping Tools, Pliers, Cutter, Allen Keys, Assorted Screw Drivers, Assorted Brushes, Cable Ties and Drill) which shall be inspected at commencement of the contract and kept at the security system office at each site.
6	The Contractor shall provide details of the proposed program of preventative maintenance for the ISS, which shall be on quarterly basis (the successful bidder shall provide a schedule at the time of reporting at the site) together with any necessary corrective action, on all system equipment, confirming or returning equipment to full and proper operation; a full equipment audit and status report in writing shall be given to the KRA at the commencement of the contract.
7	The Contractor shall after carrying out their duties, leave the equipment and place in a clean and sound condition.
8	Throughout the contract period, the Contractor shall establish and maintain an operational fault reporting platform to which all faults on the system shall be reported by KRA.
9	The Contractor shall provide a monthly report on all services and repairs undertaken to the Security Systems Manager
10	The Contractor shall ensure that the full configuration of the ISS i.e. CCTV and Access Control system is available to KRA in proper working condition viz. uptime of 98% of the time on a 24x7x365 basis during the contract period
11	The Contractor shall use professionally qualified personnel (certified) who have expertise in the CCTV and access control system.
12	The Contractor shall ensure continuous capacity building to the KRA engineers by coordinating and initiating relevant manufacturer's certification trainings at the site once a year (The successful bidder to provide a plan on commencement of the contract)

	Technical Specifications (Service and other key requirements)
13	The Contractor shall have certified (2) resident engineer(s) onsite at each site for support and maintenance 24x7x365 basis during the contract period reporting to the Security Systems Manager.
14	The Contractor shall have back-to-back arrangement with the manufacturer to be on standby should there be any issue that requires escalation, escalated issues to be resolved within 8hrs after reporting.
15	The Contractor shall perform periodic software upgrades whenever they are available from the manufacturer (for servers & applications)
16	The contractor (site technician) jointly with the client will be producing daily availability reports and sign together for ownership which will be used to compute the monthly system availability for payment,
17	The contractor shall provide branded uniform, reflective jackets, dust coat/overall, safety boots, helmets, gloves, face mask and head torch for use by site technician for both safety and identification purposes,
18	The contractor shall attend weekly Security meetings held by the Security Manager and various stakeholders
19	The contractor shall provide a Contract Manager for the contract for coordination during the maintenance

	Table 5: Integrated Security System (ISS) Equipment					
	i) CCTV					
S/No	Stations	Equipment	Make	Qty		
1.	TIMES TOWER	SERVERS	WAVETAKE (VIMS	4		
			NVRS)			
		CAMERAS	GANZ	256		
		UPS	APC	5		
		22U CABINET	RACKS	3		
		NETWORK SWITCHES	CISCO	11		
2.	JKIA FORODHA	SERVERS	WAVETAKE (VIMS	1		
	HOUSE		NVRS)			
		CAMERAS	GANZ	26		
		UPS	APC	1		
		22U CABINET	RACKS	1		

		NETWORK SWITCHES	CISCO	2
3.	JKIA T1A	SERVERS	WAVETAKE (VIMS	1
			NVRS)	
		CAMERAS	GANZ	44
		UPS	APC	1
		22U CABINET	RACKS	1
		NETWORK SWITCHES	CISCO	2
4.	JKIA T1E	SERVERS	WAVETAKE (VIMS	1
			NVRS)	
		CAMERAS	GANZ	15
		UPS	APC	1
		22U CABINET	RACKS	1
		NETWORK SWITCHES	CISCO	1
5.	UPP	SERVERS	WAVETAKE	2
		NAS BOX	NAS BOX	1
		CAMERAS	PROVISIONAL ISR	80
			VIVOTECK	25
		22U CABINET	RACKS	11
		NETWORK SWITCHES	CISCO	10
6.	OLD PORT	SERVERS	HIKVISION	1
		CAMERAS	HIKVISION	13
		UPS	APC	1
		22U CABINET	RACKS	1
		NETWORK SWITCHES	CISCO	1
7.	FORODHA	SERVERS	HIKVISION	1
	HOUSE KISUMU	CAMERAS	HIKVISION	17
		UPS	APC	1
		42U CABINET	RACKS	1
		1		

		NETWORK SWITCHES	CISCO	1
8.	CUSTOMS	SERVERS	HIKVISION	1
	HOUSE	CAMERAS	HIKVISION	34
	MOMBASA	UPS	APC	1
		42U CABINET	RACKS	1
		NETWORK SWITCHES	CISCO	2
9.	NAMANGA	SERVERS	HIKVISION	1
		CAMERAS	HIKVISION	27
		UPS	APC	4
		22U CABINET	RACKS	4
		NETWORK SWITCHES	CISCO	4
10.	MOYALE	SERVERS	HIKVISION	4
		CAMERAS	HIKVISION	48
		UPS	APC	4
		22U CABINET	RACKS	4
		NETWORK SWITCHES	CISCO	4
		ii) ACCESS CONTRO	L SYSTEM	
1.	TIMES TOWER	SERVERS	DELL	2
	(APOLLO - APACS)	MASTER CONTROLLER	APOLLO AAN100	6
		DOOR CONTROLLER	APOLLO AAN1	172
		PROXY READERS	HID	243
		BIOMETRIC READERS	SUPREMA	101
		MAGLOCK	MAGLOCK	172
		DOOR CLOSERS	YALE	172
		DOOR CONTACT	DOOR CONTACT	172
		DOOR BUZZERS	DOOR BUZZERS	172
		44U CABINET	RACKS	2
		NETWORK SWITCHES	CISCO	11

2.	UPP (GENETEC)	SERVERS	STREAM VAULT	2
		MASTER CONTROLLER	SYNERGY	2
		DOOR CONTROLLER	AXIS	47
		PROXY READERS	HID	63
		BIOMETRIC READERS	SUPREMA	20
		MAGLOCK	MAGLOCK	47
		DOOR CLOSERS	YALE	47
		DOOR CONTACT	DOOR CONTACT	47
		DOOR BUZZERS	DOOR BUZZERS	47
3.	CUSTOMS	SERVERS	PROLIANT DL380	1
	HOUSE		GEN. 10	
	MOMBASA	MASTER CONTROLLER	APOLLO AAN100	1
	(APOLLO -	DOOR CONTROLLER	APOLLO AAN1	15
	APACS)	PROXY READERS	HID	28
		BIOMETRIC READERS	SUPREMA	2
		MAGLOCK	MAGLOCK	14
		DOOR CLOSERS	YALE	14
		DOOR CONTACT	DOOR CONTACT	14
		DOOR BUZZERS	DOOR BUZZERS	14
		NETWORK SWITCHES	CISCO	1
4.	NAMANGA	SERVERS	HIKVISION	1
	(HIKVISION)	DOOR CONTROLLER	ZKTECO	4
		PROXY READERS	ZKTECO	4
		BIOMETRIC READERS	ZKTECO	4
		MAGLOCK	MAGLOCK	4
		DOOR CLOSERS	YALE	4
		DOOR CONTACT	DOOR CONTACT	4
		DOOR BUZZERS	DOOR BUZZERS	4

5.	MOYALE	SERVERS	HIKVISION	1
	(HIKVISION)	DOOR CONTROLLER	ZKTECO	28
		PROXY READERS	ZKTECO	28
		BIOMETRIC READERS	ZKTECO	28
		MAGLOCK	MAGLOCK	28
		DOOR CLOSERS	YALE	28
		DOOR CONTACT	DOOR CONTACT	28
		DOOR BUZZERS	DOOR BUZZERS	28

SECURITY & SAFETY SERVICES

INTEGRATED SECURITY SYSTM SITE VISIT CERTIFICATE

Stations	Signature
TIMES TOWER	
JKIA FORODHA	
HOUSE	
JKIA T1A	
JKIA T1E	
UPP	
OLD PORT	

KRA's Officer's Signature	•••••••••••••••••••••••••••••••••••••••	•••••••••••••••••••••••••••••••••••••••	Date

Bidders Name & Signature......Date......

LOT I: FIRE SAFETY TRAINING AND FIRE EQUIPMENT MAINTENANCE

PRICE SCHEDULE - FIRE EQUIPMENT MAINTENANCE (A)

FIRE PROTECTION	Number	Unit rate	Quarterly cost	Annual cost
EQUIPMENT				
CO2 5kgs	2231			
Dry Powder 9kgs	1707			
Dry Riser	4			
Fire Blanket	57			
Hydrant system	13			
Data Centre Suppression System	5			
Mobile Dry powder/CO2 Units	9			
Hose Reels	263			
Fire Detection System	31			
Kitchen Hood	2			
Fire/domestic pumps	83			
Voice evacuation systems Times Tower	1			
Voice evacuation systems UPP	1			
Fire doors/locks	114			
Fire cabinets/locks	114			
Gas detection system	2			
LPG Detection System	2			
Foam	114			
Sprinkler System	3			
Wet Riser	6			
Grand Total				
To be carried to the Main P	rice Schedule S	ummary tabl	e	
		•		

PRICE SCHEDULE-TRAINING, FIRE AUDITS AND SAFETY & HEALTH AUDITS (B)

S/N	REGION/ COUNTY	STATION	Training of all staff in the station on fire and safety	Training of fire marshals	Fire safety audit	Safety & Health audit	Fire drills	County Government certification	First aid training	Training of Health and safety committee	Annual Cost
SOU	FHERN REGION	1									
001	MOMBASA	MOMBASA FORODHA	390	39	1	1	1	1	39	15	
		KILINDINI	285	29	1	1	1	1	29	0	
		UKUNDA	5	2	1	1	1	1	2	0	
		NGOMENI	2	0	1	1	1	1	2	0	
		KESRA MSA	50	5	1	1	1	1	5	0	
		SOWETO	0	0	1	1	0	0	0	0	
		CHANGAMWE	0	0	1	1	0	0	0	0	
		MIRITINI ONE	0	0	1	1	0	0	0	0	
		MIRITINI TWO	0	0	1	1	0	0	0	0	
		BUXTAN	0	0	1	1	0	0	0	0	
		KIZINGO	0	0	1	1	0	0	0	0	
		NYERERE	0	0	1	1	0	0	0	0	
		BAMBURI SNR	0	0	1	1	0	0	0	0	
		BAMBURI JNR	0	0	1	1	0	0	0	0	
		MIGADINI	0	0	1	1	0	0	0	0	
		OLD PORT	7	2	1	1	1	1	2	0	
		ТОҮО	10	2	1	1	1	1	10	0	
		GATE18/20	21	3	0	0	0	0	3	0	
		SHADE 5	56	6	0	0	0	0	6	0	
		SGR SCANNER	6	2	0	0	0	0	2	0	
		SCANNER MOBILE	9	2	0	0	0	0	2	0	
		G-SECTION SCANNER	6	2	0	0	0	0	2	0	
		G-SECTION GODOWN	9	3	0	0	0	0	3	0	
		SCANNER FIXED	9	3	0	0	0	0	3	0	
		MOI AIRPORT MSA	21	3	1	1	1	1	3	0	
002	KWALE	LUNGALUNGA	33	5	1	1	1	1	5	0	
		VANGA	4	2	1	1	1	1	2	0	
		SHIMONI	11	2	1	1	1	1	2	0	
003	KILIFI	MALINDI	59	6	1	1	1	1	6	0	
		KILIFI	11	2	1	1	1	1	2	0	
005	LAMU	LAMU DTD	30	5	1	1	1	1	5	0	
		LAMU PORT									
		KIUNGA	2	0	1	1	1	1	0	0	
006	TAITA/TAVETA	VOI	30	5	1	1	1	1	5	0	
		TAVETA	30	5	1	1	1	1	5	0	
	HERN REGION	1									
007	GARISSA	GARISSA	39	5	1	1	1	1	5	0	
		LIBOI	0	0	0	0	0	0	0	0	
		DIFFU	0	0	0	0	0	0	0	0	
008	WAJIR	WAJIR	25	5	1	1	1	1	5	0	
009	MANDERA	MANDERA	13	3	1	1	1	1	3	0	
		ELWAK	0	0	0	0	0	0	0	0	

011	MARSABIT	MOYALE OSBP	37	5	1	1	1	1	5	0	
012	ISIOLO	ISIOLO	40	5	1	1	1	1	5	0	
013	MERU	MERU	52	5	1	1	1	1	5	0	
015	EMBU	EMBU	110	10	1	1	1	1	10	15	
016	KITUI	KITUI	18	3	1	1	1	1	3	0	
017	MACHAKOS	MACHAKOS	62	5	1	1	1	1	5	0	
CENT	RAL REGION		-							-	
020	NYERI	NYERI	130	10	1	1	1	1	10	15	
021	KIRINYAGA	KERUGOYA	26	3	1	1	1	1	3	0	
022	MURAGA	MURANGA	23	3	1	1	1	1	3	0	
023	KIAMBU	KIAMBU	26	3	1	1	1	1	3	0	
		THIKA	108	10	1	1	1	1	10	0	
NORT	H RIFT REGION				_		_				
024	TURKANA	LODWAR	12	2	1	1	1	1	2	0	
02.		LOKICHOGIO	10	2	1	1	1	1	2	0	
		NADAPAL	0	0	0	0	0	0	0	0	
026	SAMBURU	MARALAL	18	3	1	1	1	1	3	0	
027	TRANS-NZOIA	KITALE	45	4	1	1	1	1	4	0	
027	include in 2011	SUAM	6	2	1	1	1	1	2	0	
027	UASIN GISHU	ELDORET	227	20	1	1	1	1	20	15	
027	Cribit Cibite	ELD AIRPORT	19	3	1	1	1	1	3	0	
		ELD PIPELINE	31	3	1	1	1	1	3	0	
		ELDORET W/HOUSE	0	0	1	1	1	1	0	0	
031	LAIKIPIA	NANYUKI	22	3	1	1	1	1	3	0	
001		NYAHURURU	18	3	1	1	1	1	3	0	
SOUTI	HRIFT REGION	TTIMICICEITE	10		-	1	-	-	5		
032	NAKURU	NAKURU OFFICE	224	20	1	1	1	1	20	15	
052	luniono	NAKURU POST	2	0	1	1	0	0	0	0	
		OFFFICE	-	Ŭ		1	Ŭ	Ŭ	Ű	Ű	
		NAKURU PIPELINE	2	0	1	1	0	0	0	0	
		NAIVASHA	30	3	1	1	1	1	3	0	
033	NAROK	NAROK	19	3	1	1	1	1	3	0	
034	KAJIADO	KITENGELA	44	4	1	1	1	1	4	0	
001		NAMANGA	60	6	1	1	1	1	6	0	
		LOITOKTOK	30	3	1	1	1	1	3	0	
		KAJIADO	0	0	0	0	0	0	0	0	
035	KERICHO	KERICHO	50	5	1	1	1	1	5	0	
	ESTEREGION	imitterio	00		-	-	-	-		0	
037	KAKAMEGA	KAKAMEGA	47	5	1	1	1	1	5	0	
037	BUNGOMA	BUNGOMA	47	5	1	1	1	1	5	0	
039	BUNGOWA	LWAKHAKHA	8	2	1	1	1	1	2	0	
040	BUSIA	BUSIA	79	8	1	1	1	1	8	0	
040	DUSIA	MALABA	79	8	1	1	1	1	8	0	
		SIO PORT	6	2	1	1	1	1	2	0	
0.4.1	SIAYA	USENGE	15		1	1	1	1	2		
041 042	KISUMU			2	1	1	1	1		0	
042	KISUMU	LAKE BASIN	150	15	1	I	1	1	15	15	
		KSM PIER	9	2	1	1	1	1	2	0	
		ICD KSM	0	0	1	1	0	0	0	0	<u> </u>
		KSM FORODHA	60	6	1	1	1	1	6	0	
1		R.OUKO SENIOR	0	0	1	1	0	0	0	0	
		R.OUKO JUNIOR	0	0	1	1	0	0	0	0	
1		MILIMANI SENIOR	0	0	1	1	0	0	0	0	
0.42		MILIMANI JUNIOR	0	0		1	0	0	0	0	
043	HOMA BAY	MBITA	22	2	1	1	1	1	2	0	

044	MIGORI	ISEBANIA	36	4	1	1	1	1	4	0	
		KOPANGA	4	2	1	1	1	1	2	0	
		NYAMTIRO	4	2	1	1	1	1	2	0	
		MUHURU-BAY	3	0	1	1	1	1	0	0	
045	KISII	KISII	45	5	1	1	1	1	5	0	
047	NAIROBI	TIMES TOWER	2618	200	1	1	1	1	200	15	
	REGION	JKIA	490	40	1	1	1	1	40	0	
		UPT	905	90	1	1	1	1	90	0	
		UPP	350	35	1	1	1	1	35	0	
		SAMEER PARK	500	50	1	1	1	1	50	0	
		KESRA NRB	85	9	1	1	1	1	9	0	
		ICD NRB	165	17	1	1	1	1	17	0	
		NDEKWA ESTATE	0	0	1	1	0	0	0	0	
		KONGONI ESTATE	0	0	1	1	0	0	0	0	
		MAWENZI A	0	0	1	1	0	0	0	0	
		MAWENZI B	0	0	1	1	0	0	0	0	
		LANGATA ESTATE	0	0	1	1	0	0	0	0	
		ICD PEPE	0	0	1	1	0	0	0	0	
		MAKOGENI	0	0	0	0	0	0	0	0	
		ATHI RIVER	10	2	1	1	1	1	0	0	
		WILSON	170	17	1	1	1	1	17	0	
		LIKONI RD	4	2	1	1	1	1	2	0	
		BOMALINE RAILWAYS	9	2	1	1	1	1	2	0	
		TOTAL	8684	820	99	99	79	79	820	105	
		To be	Gra e carried to the	nd Annual Main Price			y table				

MAIN PRICE SCHEDULE SUMMARY TABLE

S/NO.	ΙΤΕΜ	1 ST YEAR	2 ND YEAR	3 RD YEAR	TOTAL COST (YEAR 1+YEAR 2+YEAR 3)
1.	Price Schedule- Fire Equipment Maintenance (A)				
2.	Price Schedule - Training, Fire Audits and Safety & Health Audits (B)				
GRAND TOT To be carried					

Provide for additional items on a need basis up to a maximum spend Kshs 50,000,000

ITEM	ACTION	Unit Cost in KES
Carbon Dioxide	Refilling	
	New Seal	
	Safety Pin	
	Instruction Stickers	
	Discharge Pipe	
	Head Valve	
	Repainting of Extinguishers	
Dry Chemical Powder	Pressurizing	
·	New Seal	
	Safety Pin	
	Discharge Pipe	
	Head Valve	
	Powder/Kg	
	Instruction Stickers	
	Pressure Gauge	
	Repainting of Extinguishers	
	Siphon Tube	
Foam	Pressurizing	
	New Seal	
	Safety Pin	
	Discharge Pipe	
	Head Valve	
	Chemical per liter	
	Instruction Stickers	
	Pressure Gauge	
	Repainting of Extinguishers	
	Siphon Tube	
Dry/Wet Risers	Landing Valve Screw type	
·	Landing Valve Flange type	
	Dry Riser Twin Inlet	
	Delivery Hoses 90mm	
	Delivery Hoses 45mm	
	AWG Nozzle	
	Morris Washers	
	Landing Valve Wheels	
	Air Release Valves	
	Inlet Breeching – 4 Way	
	Inlet Breeching – 2 Way	
Conventional Fire	1 Zone	
Alarm Control Panels	2 Zones	
	3 Zones	
	4 Zones	
	8 Zones	
	16 Zones	
	32 Zones	
Addressable Fire	1 Loop	
Alarm Control Panels	2 Loop	
	1r	

	4 Loop	
	8 Loop	
Alarm Devices	Smoke Detector – Conventional	
Alarm Devices		
	Smoke Detector – Addressable	
	Heat Detectors – Fixed	
	Temperature Conventional	
	Heat Detectors – Rates of Rise	
	Conventional	
	Heat Detectors – Addressable	
	Electronic Sounders -	
	Conventional	
	Electronic Sounders –	
	Addressable	
	Electronic Sounder/Strobe	
	Convectional	
	Electronic Sounder/Strobe -	
	Addressable	
	Addressable Manual Call Points	
	– Resettable	
	Conventional Manual Call Points	
	– Resettable	
	Thermal Detectors	
	Gas Detectors	
	Flame Detectors - Conventional	
	Flame Detectors - Addressable	
	Carbon Monoxide Detector	
	Duct Smoke Detector	
	Beam Detector	
	Power Back Up Batteries 12v 7 Ah,12v 12 Ah	
	Zone Modules	
	Active End of Line ((AEOL)	
	Addressable Loop Modules	
	Addressable Loop Modules	
Alarm Cables	Fire Resistive Cable – 2.5mm	
	Fire Resistive Cable – 2.0 mm	
	Fire Resistive Cable – 1.5 mm	
	Fire Resistive Cable – 1.0 mm	
	Fire Resistive Cable – 0.8 mm	
	Single Core Cable - 2.5 mm	
	Single Core Cable – 2.00 mm	
	Single Core Cable – 1.5 mm	
	Grey Twin Core Cable - 2.5 mm	
	White Twin Core Cable – 2.5 min	
	1.00mm	
DVC Conduite 0 Etti		
PVC Conduits & Fittings	PVC Conduits 25mm	
	PVC Conduits 50mm	
	PVC Conduits 100mm	
	PVC Pipes ³ / ₄ "	
	PVC Pipes 1"	
	PVC Pipes 1 ¹ / ₂ '	
	PVC Pipes 2"	

	C_{amaxx} Dist. 1/ 4. 3/ 4. 12	
	Screw Pkt; 1/2 ": 3/4 " ; 1"	
	Fishers Pkt; ¹ / ₂ ": ³ / ₄ "; 1" Saddles Pkt; ¹ / ₂ ": ³ / ₄ "; 1"; 1 ¹ / ₂	
	'; 2" Couplers; ¹ / ₂ ": ³ / ₄ "; 1"; 1 ¹ / ₂ '	
	;2"	
	Bends ; ¹ / ₂ ": ³ / ₄ " ; 1" ; 1 ¹ / ₂ ' ; 2"	
	Circular Boxes	
Voice Evacuation System	Fire Enunciator Panel	
(Bosch)	Voice Evacuation main controller	
	External power amplifiers	
	Call station keypads	
	Call station	
	Fire Evacuation Handset	
	Master Redundant controller	
	Slave redundant network	
	controller	
	Fiber interface	
	Fiber network cable assembly	
	Voice alarm routers	
	Remote controllers	
	10kv UPS	
	10kv UPS replaceable batteries	
	Network control switch	
	System server PC	
	Call stacker	
	Ceiling mounted speakers	
	Wall speakers	
	Horn speakers	
	Pendant speakers	
	Control software	
	Network cable assembly	
Wet riser pumps	Wet riser pumps – 132KW	
I I I	Wet riser pumps – 75KW	
	Impellers	
	Mechanical seal	
	Pump set panel	
Domestic pumps	Vertical multistage centrifugal	
=	15kw	
	Impellers	
	Mechanical seal	
Pump repairs	Motor repair overhaul	
- and robants	Impellers	
	Mechanical seal	
	Gland packing	
Sumn numne	Squirrel case 3phase 415Volts,	
Sump pumps	50Hz	
Jockey pumps	3 phase 2kw	
Sprinkler System	Sprinkler pumps – 22KW	
Sprinkier System	Sprinkler pumps – 11KW	
	· · · ·	
	Impellers	

	Mechanical seal	
	Sprinkler Heads	
	Wet Alarm Gong 4"	
	Wet Alarm Gong 6"	
	Pressure Release Valve	
	Gate Valve 2"	
	Gate Valve 4"	
	Gate Valve 6"	
	Pressure Gauges 4"	
	Pressure Gauges 6"	
	Butterfly Valves 4'	
	Butterfly Valves 6"	
Hose Reel Booster	Booster Pump – 2 KW Complete	
Pumps	Booster Pump – 4 KW Complete	
P-	Float Switch for Dry Run	
	Mechanical Seals	
	Impellers	
	Breaker Switches	
	Contactor Switches	
	Stabilizer Switches	
	Overload Switches	
	Motor Covers	
	Voltage Controller	
	Shaft Bearings	
	Brush Holders	
	Carbon Brushes	
	Capacitors	
	Electrifier	
	Pressure Switches	
<u></u>	Armature	
G.I Pipes &	Non Return Valves 2"	
Fittings	Non Return Valves 4"	
	Non Return Valves 6''	
	Gate Valves ³ / ₄ "	
	Gate Valves 1"	
	Ball valves 1"	
	Ball valves ³ / ₄ ''	
	4 Way Connector	
	G.I Pipes ³ / ₄ "	
	G.I Pipes 1"	
	G.I Pipes 11/4"	
	G.I Pipes 2"	
	G.I Pipes 4"	
	G.I Pipes 6"	
	Unions(1/2";3/4";1";11/4";11/2")	
	Sockets(1/2";3/4";1";11/4";11/2)	
	Elbows(1/2";3/4";1";11/4";11/2)	
	Nipples(1/2";3/4";1";11/4";11/2)	
	Bends(1/2";3/4";1";11/4";11/2)	
	Pipe Suspension Rods	
Data Room Suppression	Suppression Gas/Cylinder	

System	Control Panel Complete	
System	1	
	Discharge Nozzles	
	Discharge Cartridge	
	Solenoid Valve	
	Pressure Gauges	
	Alarm Bells	
	Strobes Lights	
	Lockout Switch	
	Abort Switch	
	Manual Pull Station Units	
	Warning Signs	
	Room Vents	
Fixed LPG leakage	Gas detector	
detection system	Gas analyzer	
	Gas alarm	
Multi-gas monitoring	Gas detector	
system	Gas analyzer	
	Gas alarm	
Kitchen Piranha	PRX Chemical Gas	
System	Refill/Cylinder	
2	Control Panel Complete	
	Discharge Nozzles	
	Nitrogen Discharge	
	Cartridge	
	Solenoid Valve	
	Pressure Gauges	
	Sounder Bell	
	Flasher Unit	
	Breaking Rod	
	Automann	
	Bursting Disc	
	Cocktap	
	Wire Rope	
	Fusible Link	
	Blow off caps	
	Manual Pull Station	
	Gas Shut off Valve	
	Play Elbows	
	Scissor type Detectors	
Safety Signs	Fire Action Signs	
	Fire Exit Signs (Electric Powered)	
	Fire Exit Signs (Photo	
	Illuminate)	
	Fire Assembly Signs	
	Wall	
	Mounted 24' x 36"	
	Fire Assembly Signs	
	Standalone	
	36' x 42"	
	Danger/Hazard Warning	
1	Signs	

	Glass	
-	Break Glass Hammer	
Manual Fire Bell/Siren	Manual Gongs	
	Tripod Stand Siren 1	
	mile	
	Tripod Stand Siren ¹ / ₂	
	mile	
Fire Blankets	Fire Blanket – 4' x 4'	
	Fire Blanket – 6' x 6'	
Extinguishers	9 Kg Dry Powder	
8	Extinguishers	
	6 Kg Dry Powder	
	Extinguishers	
	4 Kg Dry Powder	
	Extinguishers	
	2 Kg Dry Powder	
	Extinguishers	
	1 Kg Dry Powder	
	Extinguishers	
	9 Litres Foam	
	Extinguisher	
	9 Litres Water	
	Extinguisher	
	9 Litres Wet Chemical	
	Extinguisher	
	9 Litres Cold Fire	
	Extinguisher	
	5 Kg Co2 Gas	
	Extinguisher	
	2 Kg Co2 Gas	
	Extinguisher	
	6 Kg Automatic Dry	
	Powder	
	Extinguisher	
	9 Kg Automatic Dry	
	Powder	
_	Extinguisher	
	50 Kg Dry Powder	
	Extinguisher	
-	(Trolley)	
-	50 Litres Foam (Trolley)	
	50 Litres Water	
	Extinguisher	
Emorgonov Dortable Fire	(Trolley) High Pressure pump set	
Emergency Portable Fire Pumps	High Pressure pump set Floating Pressure pump	
Safety Parts/Equipment	Battery Operated Loud	
Sarciy I arts/Equipment	speakers/Megaphones	
Sprinkler Pumps Spares	Mechanical Seals	
Sprinkler rumps spares	Impellers	
-	Breaker Switches	
	Contactor Switches	
-	Stabilizer Switches	
-	Overload Switches	
–		
	Motor Covers	

	Voltage Controller	
l T	Shaft Bearings	
l T	Brush Holders	
Γ	Carbon Brushes	
F F	Capacitors	
Γ	Pressure Valves	
Γ	Electrifier	
Γ	Pressure Switches	
Γ	Armature	
	Indicator Bulbs	
	Standby Battery	
	Trickle Charger	
Hydrostatic testing	Portable fire	
	extinguishers	
	Trolley fire extinguishers	
Kitchen hood	Control panel	
	Extractor fan	
	Replacement canvas/flex	
	Hood vents	
	Hood duct filters	
	Extractor cover gasket	
Fire cabinet	Fire cabinet locks	
	Fire cabinet doors	
	Repainting fire cabinet	
Fire doors	Fire door repair	
	Door closers	
	Door hinges	
	Fire door lock	
	Fire door key	
	cutting/replacement	
	Fire door Key tags	
Servicing	Portable extinguishers	
	Trolley fire extinguishers	
	Hose reel system	
	Fire detection system	
	Kitchen suppression	
	system	

Call out rates for when there is an emergency with a fire alarm system or a suppression system

Region	Types of service	Cost per callout in KES
Nairobi	Fire detection system	
	Fire suppression system (hose reel system,	
	data room suppression system, sprinkler	
	system, pumps)	
Southern	Fire detection system	
	Fire suppression system (hose reel system,	
	data room suppression system, sprinkler	
	system, pumps)	
Northern	Fire detection system	
	Fire suppression system (hose reel system,	
	data room suppression system, sprinkler	
	system, pumps)	
Western	Fire detection system	
	Fire suppression system (hose reel system,	
	data room suppression system, sprinkler	
	system, pumps)	
North Rift	Fire detection system	
	Fire suppression system (hose reel system,	
	data room suppression system, sprinkler	
	system, pumps)	
South Rift	Fire detection system	
	Fire suppression system (hose reel system,	
	data room suppression system, sprinkler	
	system, pumps)	
Central	Fire detection system	
	Fire suppression system (hose reel system,	
	data room suppression system, sprinkler	
	system, pumps)	

LOT II: INTEGRATED SECURITY SYSTEM

PRICE SCHEDULE

		INTEGRATEI	SECURITY SYST	TEM (IS	S) EQUIPMEN	Т	
	(i)	CCTV					
S/No	Stations	Equipment	Make	Qty	1 st Year	2 nd Year	3 rd Year
1.	TIMES TOWER	SERVERS	WAVETAKE (VIMS NVRS)	4			
		CAMERAS	GANZ	256			
		UPS	APC	5			
		22U CABINET	RACKS	3			
		NETWORK SWITCHES	CISCO	11			
2.	JKIA FORODHA HOUSE	SERVERS	WAVETAKE (VIMS NVRS)	1			
		CAMERAS	GANZ	26			
		UPS	APC	1			
		22U CABINET	RACKS	1			
		NETWORK SWITCHES	CISCO	2			
3.	JKIA T1A	SERVERS	WAVETAKE (VIMS NVRS)	1			
		CAMERAS	GANZ	44			
		UPS	APC	1			
		22U CABINET	RACKS	1			

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		NETWORK	CISCO	2		
		SWITCHES				
4.	JKIA T1E	SERVERS	WAVETAKE	1		
			(VIMS NVRS)			
		CAMERAS	GANZ	15		
		UPS	APC	1		
		22U CABINET	RACKS	1		
		NETWORK	CISCO	1		
		SWITCHES				
5.	UPP	SERVERS	WAVETAKE	2		
		NAS BOX	NAS BOX	1		
		CAMERAS	PROVISIONAL	80		
			ISR	25		
			VIVOTECK			
		22U CABINET	RACKS	11		
		NETWORK	CISCO	10		
		SWITCHES				
6.	OLD PORT	SERVERS	HIKVISION	1		
		CAMERAS	HIKVISION	13		
		UPS	APC	1		
		22U CABINET	RACKS	1		
		NETWORK	CISCO	1		
		SWITCHES				
7.	FORODHA	SERVERS	HIKVISION	1		
	HOUSE	CAMERAS	HIKVISION	17		
	KISUMU	UPS	APC	1		
		42U CABINET	RACKS	1		
		NETWORK	CISCO	1		

		SWITCHES				
8.	CUSTOMS	SERVERS	HIKVISION	1		
	HOUSE	CAMERAS	HIKVISION	34		
	MOMBASA	UPS	APC	1		
		42U CABINET	RACKS	1		
		NETWORK	CISCO	2		
		SWITCHES				
9.	NAMANGA	SERVERS	HIKVISION	1		
		CAMERAS	HIKVISION	27		
		UPS	APC	4		
		22U CABINET	RACKS	4		
		NETWORK	CISCO	4		
		SWITCHES				
10.	MOYALE	SERVERS	HIKVISION	4		
		CAMERAS	HIKVISION	48		
		UPS	APC	4		
		22U CABINET	RACKS	4		
		NETWORK	CISCO	4		
		SWITCHES				
	ACCESS CONTR	KOL SYSTEM				
11	TIMES TOWER	SERVERS	DELL	2		
	(APOLLO -	MASTER	APOLLO AAN100	6		
	APACS)	CONTROLLER				
		DOOR	APOLLO AAN1	172		
		CONTROLLER				
		PROXY READERS	HID	243		
		BIOMETRIC	SUPREMA	101		
		READERS				

		MAGLOCK	MAGLOCK	172
		DOOR CLOSERS	YALE	172
		DOOR CONTACT	DOOR CONTACT	172
		DOOR BUZZERS	DOOR BUZZERS	172
		44U CABINET	RACKS	2
		NETWORK	CISCO	11
		SWITCHES		
12	UPP	SERVERS	STREAM VAULT	2
	(GENETEC)	MASTER	SYNERGY	2
		CONTROLLER		
		DOOR	AXIS	47
		CONTROLLER		
		PROXY READERS	HID	63
		BIOMETRIC	SUPREMA	20
		READERS		
		MAGLOCK	MAGLOCK	47
		DOOR CLOSERS	YALE	47
		DOOR CONTACT	DOOR CONTACT	47
		DOOR BUZZERS	DOOR BUZZERS	47
13	CUSTOMS	SERVERS	PROLIANT	1
	HOUSE		DL380 GEN. 10	
	MOMBASA	MASTER	APOLLO AAN100	1
	(APOLLO -	CONTROLLER		
	APACS)	DOOR	APOLLO AAN1	15
		CONTROLLER		
		PROXY READERS	HID	28
		BIOMETRIC	SUPREMA	2
		READERS		

		MAGLOCK	MAGLOCK	14		
		DOOR CLOSERS	YALE	14		
		DOOR CONTACT	DOOR CONTACT	14		
		DOOR BUZZERS	DOOR BUZZERS	14		
		NETWORK	CISCO	1		
		SWITCHES				
14	NAMANGA	SERVERS	HIKVISION	1		
	(HIKVISION)	DOOR	ZKTECO	4		
		CONTROLLER				
		PROXY READERS	ZKTECO	4		
		BIOMETRIC	ZKTECO	4		
		READERS				
		MAGLOCK	MAGLOCK	4		
		DOOR CLOSERS	YALE	4		
		DOOR CONTACT	DOOR CONTACT	4		
		DOOR BUZZERS	DOOR BUZZERS	4		
15	MOYALE	SERVERS	HIKVISION	1		
	(HIKVISION)	DOOR	ZKTECO	28		
		CONTROLLER				
		PROXY READERS	ZKTECO	28		
		BIOMETRIC	ZKTECO	28		
		READERS				
		MAGLOCK	MAGLOCK	28		
		DOOR CLOSERS	YALE	28		
		DOOR CONTACT	DOOR CONTACT	28		
		DOOR BUZZERS	DOOR BUZZERS	28		
	1	I	Total cost for e	each year		
	Grand Total Co	ost for three years ie tota	l cost (year 1 +year 2	+year 3)		

(10 be carried to the form of tender under LOT II)	(To be carried to the form of tender under LOT II)	
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Provide cost for additional items on a need basis up to a maximum spend of Kshs 30,000,000.00

No.	Spare part item	Unit of measure	Unit price
1.	CAT 6A cable (indoor)	Roll	
2.	CAT 6A cable (outdoor)	Roll	
3.	1000 base X 8 core fibre optic	Per m	
4.	SFP fibre module (multi-mode)- Cisco	pc	
5.	Fiber Patchcords 3M LC To SC OM3 MM	Pc	
6.	24 Port Fiber Trays loaded with Adaptors inclusive of installations	рс	
7.	48 Port Fiber Trays loaded with Adaptors inclusive of installations	pc	
8.	24 Port CAT 6A Patch panel	pc	
9.	48 Port CAT 6A Patch panel	pc	
10.	1M CAT 6A Patch cords	pc	
11.	3M CAT 6A Patch cords	pc	
12.	RJ 45 Connectors CAT 6A	pc	
13.	Cisco Switch – 48 Gigaport POE with 4 uplink Gigaport	pc	
14.	Cisco Switch – 24 Gigaport POE with 4 uplink Gigaport	pc	
15.	6 MP IP IR Dome POE Camera	Pc	
16.	6 MP IP IR Bullet POE Camera	Pc	
17.	4 MP IR Day/Night Outdoor IP POE PTZ Cameras	pc	
18.	6 MP IP IR Fish Eye (360°) Camera	рс	

19.	42U cabinet complete with cable management accessories, power distribution unit, ventilation fans	pc	
20.	Network Video Recorder (NVR)	рс	
21.	Memory Chips- Master controller 2 MB RAM module	PC	
22.	Graphic card (NVDA)	рс	
23.	Hot-Swappable HDD-ACS (600GB)	рс	
24.	Hot- Swappable Disk- NVR 2TB	рс	
25.	Hot- Swappable Disk- NVR 4TB	рс	
26.	Hot- Swappable Disk- NVR 10TB	рс	
27.	Internal HDD (128 GB SSD)	рс	
28.	Client Workstation	рс	
29.	APC UPS rack Mountable 3.0 KVA	рс	
30.	APC UPS rack Mountable 1.5 KVA	pc	
31.	Sony 55" LCD Monitor	рс	
32.	Master controller-AAN-100 (8MB) (complete with housing and PSU)	pc	
33.	GENETEC SYNERGIS CLOUD LINK POE	pc	
34.	HID VERTX V2000 POE DOOR CONTROLLER	рс	
35.	Door controller- AAN-1N (complete with housing and PSU)	pc	
36.	Proximity card reader HID	рс	
37.	Printable contactless smart cards 32 Bits	рс	
38.	Door contacts	pc	
39.	Door buzzers	рс	
40.	Double door Maglock	pc	
41.	Single door Maglock	pc	

42.	Biometric Finger print Generation 2	рс	
43.	Uninterruptible Power Supply for the door controllers	рс	
44.	Door closer-Wooden	pc	
45.	Override Key	pc	
46.	Break Glass	рс	
47.	Door closer- Metallic	PC	
48.	Hinges	рс	
49.	Exit buttons	pc	
50.	Evolis High Trust Colour Cartridge (PNO R5F002EAA 300 prints)	рс	
51.	Evolis Primacy Printer	Pc	
52.	Printer Cleaning Kit	Pc	
53.	Door stoppers	Pc	
54.	ACS Client License APACS 3.9 Client Licenses	Per User	
55.	Camera License (Genetec)	Per Camera	
56.	Camera License (ViMs Command)	Per Camera	
57.	ACS SERVER	рс	
58.	32mm heavy gauge Pvc conduits, couplers, saddles, screws, tangit and accessories (per meter)	PC	
59.	25mm heavy gauge Pvc conduits, couplers, saddles, screws, tangit and accessories (per meter)	PC	
60.	Pvc 2 x 2 trunking with accessories per meter	PC	
61.	25mm Flexible conduit (50 meters)	Roll	
62.	32mm Flexible Conduit(50metres)	Roll	
63.	HDMI Cable	Meter	
64.	24U cabinet	PC	

65.	6 MP IP IR Wireless camera	PC	
66.	180 degrees fisheye IP IR camera	PC	

Technical specifications for the spare part List

Bidders are advised to refer to the below specification while providing unit cost for the spare parts. Where a spare item shall be requested, the successful bidder shall be required to supply an item that meets the specifications as stipulated in the table below.

S/No	Description	Minimum requirements
1	Access Control Server	Model and Technology:
		Mature internationally recognized brand, in existence for at least 10 years(bidder must specify brand, model and series)
		Remote Users: Unlimited concurrent users
		OS: Windows Server (64 bit) Server 2012 (64 bit)
		Mobile client: Support for Android and iOS devices
		Password profile: Multiple protection levels
		Encryption: Up to 4096 bit encryption
		Remote Administration: Remote control via TCP/IP network including restart and rebooting
		Events and Alarms Advanced events: Shows a real time stream of incoming events and alarms on the main window
		Event notification: Via client viewer, email or TCP/IP message
		CPU: Intel® processor E5-2600 v4 product family
		CPU Speed: E5-2620 v4 (10 core, 2.1GHz, 85W)
		Processor cache 20MB L3
		Form factor :-2U rack
		Memory: 32 GB Memory type:- RDIMM memory
		Hard disk type: SATA, SAS (7200 RPM)
		Hard disk space: 4TB
		Raid Level: 0,1,5,6 -Optional
		1 Smart Array P440ar/2GB FBWC, iLO (Standard)
		Network: 331i 4 ports -upgradable
		Network Port Speed -1000 Mbps
		Time Sync(NTP): Automatically synchronized to other compatible recorders
		Privacy Mask: Configurable mask to avoid viewing sensitive areas within a camera view.
		Time Zone: Regional setting available
		Languages: Multiple languages support
		Recorder per location: 1-255
		Distributed locations: Unlimited
		Monitoring: Full system monitoring including SMART disk health monitoring
		Software: Microsoft .NET 3.5 Framework and DirectX 9.0 or newer
		Power: Input Voltage 240V ac , 50Hz
		Energy Smart- Two hot plug high efficient 570w PSU OR High Output Two hot-plug 870W PSUs
		Watchdog function: Auto-reboot of system in case of system failure
		Hot-plug hard drives
		Hot-plug redundant power
		Hot-plug redundant cooling

		ECC memory
		Spare Row
		Single Device Data Correction (SDDC)
		iDRAC6
		Tool-less chassis
		Cluster support
		Warranty: 2 years
		The server MUST be provided already installed with the required
		licences and softwares(OS Licensed Enterprise Edition, Enterprised
		Data Base, Licensed Access Control System Software)
2	Master	Model and Technology:
	controller- AAN-100	Mature internationally recognized brand, in existence for at least 10
	(8MB)	years (bidder must specify brand, model and series)
	(complete with	
	housing and PSU)	
		A complete 96 Reader Intelligent System Controller ready for
		interfacing with field devices(door controllers)
		Supports up to 96 card readers (connection strictly via network "RJ-45")
		Supports four additional devices for status monitoring or alarm
		input/output for a total of 100 devices Up to 1,300,000 Cardholders or 65,535 Events with 8 MB of RAM
		Supports Input to Relay linking across field devices
		Supports Anti-Passback (Hard & Soft)
		Supports 256 Access Levels / 128 Time Zones
		Supports 2-Card Access and Zone occupancy restriction
		Supports 2 Man Rule (Minimum occupancy) Automatic Alarm masking/unmasking, Reader mode change,
		Output activation according to time zones and/or inputs
		Supports elevator Control with floor selection feedback
		Field Device Connection: ANI-1/100 Network Interface device
		(TCP/IP via RJ-45 jack)
		Available addresses limited by only by network addresses available
		Diagnostic LED's for:-
		normal operation
		• Faulty/error
		self-test mode
		Supports 8 Card formats per reader (depending on reader support)
		Supports field-replaceable plug-in communication drivers
		32-Bit CMOS processor
		Surface-mount manufacturing technology
3	Door	Model and Technology:
	controller- AAN-1N	Mature internationally recognized brand, in existence for at least 10
	(complete with	years(bidder must specify brand, model and series)
	housing and PSU)	
		Supports 2 readers, keypads or reader/keypad combinations for 2 door control
		Full Stand Alone Operation with Local database of 20,000 cards or
		7,000 events
		Multiple Card Formats
		Supports up to 8 Facility Codes

I		Supports 38 Access Levels Per Card
		Supports 30 Access Levels Fer Card Supports activation/deactivation Time
		Supports 8 Relay Outputs (4 Door strike, 4 Auxiliary)
		Control of up to 16 ADA-10/11 High Security Relay Output Modules
		Connection Type:-TCP/IP via RJ 45 jack, 10/100
		12 Inputs (4 Door Contact, 4 Exit Pushbutton, 4 Auxiliary)
		3 Color LED Support Field-Replaceable plug-in communication drivers
		Surface-mount manufacturing technology
4	Proximity Card Reader	Model and Technology: Mature internationally recognized brand, in existence for at least 10 years(bidder must specify brand, model and series) Dynamic support of multiple credential technologies including iCLASS Seos®, iCLASS SE, standard iCLASS®, UHF, MIFARE®,
		MIFARE DES Fire®, Prox and more
5	Biometric	Model and Technology:
	Finger print Generation 2	Mature internationally recognized brand, in existence for at least 10 years(bidder must specify brand, model and series
		RF Option: 125kHz EM & 13.56Mhz MIFARE, MIFARE Plus, DES Fire/EV1, FeliCa
		Capacity
		Max. User (1:1): 500,000
		Max. User (1:N): 100,000
		Max. Template (1:1): 100,000
		Max. Template (1:N): 100,000
		Max. Text Log: 1,000,000
		Max. Image Log: Not supported
		TCP/IP: Yes
		RS-485: Inch Host or Inch Slave, (Selectable) RS-232
		Wiegand: Inch In or Inch Out (Selectable) Output:2
		Warranty: Two(2) years
6	Single Door Maglock	Model and Technology: Mature internationally recognized brand, in existence for at least 10 years(bidder must specify brand, model and series) Voltage Input : 12 VDC / 24 VDC
		Current Draw: 12V / 500mA ; 24V / 250mA (±5%)
		Holding Force : Up to 1200 lbs (545 kg)
		Hall Effect Contact : SPDT rated 2A at 24 VDC
		Anti-Rust Surface Treatment : Blue Zinc Plating
		Operating Temperature : 0~55° C (32~131° F)
		Operating Humidity : 0~95% (non condensing)
		Weight (Magnet): 2.5 kg (±1%)
		Dimensions: • Magnet – (L)266x(W)67x(T)39 mm
		 Magnet – (L)260x(W)6/x(T)39 mm Armature – (L)185x(W)61x(T)16.5 mm
7	Double Door Maglock	Model and Technology: Mature internationally recognized brand, in existence for at least 10 years(bidder must specify brand, model and series)
<u> </u>	 	years(bluder must specify brand, model and series)

		Voltage Input : 12 VDC / 24 VDC (per Magnet)
		Current Draw: 12V / 420mA; 24V / 210mA (±5%)
		Holding Force : Up to 1200 lbs x2 (545 kg x2)
		Anti-Rust Surface Treatment : Blue Zinc Plating
		Operating Temperature : 0~55° C (32~131° F)
		Operating Humidity : 0~95% (non condensing)
		Weight (Magnet): 5.0 kg (±1%)
		Dimensions :
		• Magnet – (L)532x(W)67x(T)39 mm
		• Armature – (L)185x(W)61x(T)16.5 mm
8	Door Buzzers	Model and Technology: Mature internationally recognized brand, in existence for at least 10 years(bidder must specify brand, model and series)
9	Door Contact	Model and Technology: Mature internationally recognized brand, in existence for at least 10 years (bidder must specify brand, model and series) Do NOT use the ones embedded on the maglock.
10	Client Workstation	Model and Technology: Mature internationally recognized brand, in existence for at least 10 years(bidder must specify brand, model and series)
		OS: Windows 7 Professional/Windows 8Professional
		CPU: Intel®Core™i7 Memory: 16GB
		Bays: Two internal 3.5" bays; two external 5.25" optical bays
		Optical Drive: 16 X DVD+/-RW
		Ports: 8x USB, 2 x PS-2, 2xRJ-45
		Audio: 1 x microphone, 1 x headphone, 1 x internal speaker Audio line-in / microphone, Audio line-out
		Hard disk type: SATA, SAS (7200 RPM or faster)
		Storage: Internal 1TB
		Network Interface: 100/1000 Base-T
		Certifications: FCC Class A
		Dimensions: 14.17" x 6.89" x 17.13" / 360mm x 175mm x 435mm
		Input Voltage: 240 ±10% VAC, 50/60 Hz
		Current: 1.75 A @ 115VAC, 0.875 A @ 230 VAC
		Consumption: 365W nominal
		Power Connector: Standard 3-conductor female socket Operating Temp: 32°F ~ 104°F (0°C ~ 40°C)
		Application: Indoor
		The bidder to provide a complete workstation with 19" TFT Monitor
		Warranty Period : 2 Years
		The client workstation will be used to register users, activate or deactivate access cards.
11	Cisco Switch –	Model and Technology:
	24 Giga port	Mature internationally recognized brand, in existence for at least 10
	POE with 4 uplink Giga port	years(bidder must specify brand, model and series) Enterprise standalone, High-density, High performance, Gigabit Ethernet switch. Layer 2 switching and layer 3 routing must be
		supported.

The switch MUST provide a seamless integration with the existing KRA network
Ports:
• 24 RJ-45 connectors for 10BASE-T/100BASE- TX/1000BASE-T with 4 shared Gigabit SFP slots
Console ports
• Auto medium dependent interface (MDI) and MDI crossover (MDI-X)
• Auto negotiate/manual setting RPS port for connecting to redundant power supply unit
Buttons: Reset button
LEDs: PWR, Fan, Link/Act, Speed, RPS, Master, Stack ID 1 through 8
Switching capacity: Up to 48 Gbps, nonblocking
Forwarding rate (based on 64-byte packets): Up to 35.7 mbps
Number of VLANs: 256 active VLANs (4096 range)
VLAN: • Port-based and 802.1Q tag-based VLANs
Protocol-based VLAN
Management VLAN
Private VLAN Edge (PVE) CVPP
GVRP Head-of-line (HOL) blocking: HOL blocking prevention
Layer 3: • Static routing • Classless inter domain routing (CIDR)
 128 static routes
• IPv4
• Forwarding in silicon – wire-speed forwarding of Layer 3 traffic
IPv6 ACL: Drop or Rate Limit IPv6 packets in hardware
IGMP snooping: IGMP (versions 1 and 2) snooping limits
bandwidth-intensive video traffic to only the requestors.
Supports 256 multicast groups
IPv6 Applications: Web/SSL, Telnet Server/SSH, Ping, Traceroute, SNTP, TFTP, Radius,
Syslog, DNS Client
IPv6 RFCs Supported:
RFC2463 – ICMPv6 RFC3513 – IPv6 Address architecture
RFC 4291 – IP Version 6 Addressing Architecture
RFC 2460 – Internet Protocol v6 (IPv6) Specification
RFC 2461 – Neighbor Discovery for IPv6 RFC 2462 – IPv6
Stateless Address Auto-configuration
RFC 1981 – Path MTU Discovery
RFC 4007 – IPv6 Scoped Address Architecture
RFC3484 – Default address selection mechanism is described by
RFC3484 RFC4214 – ISATAP tunneling
RFC4214 – ISATAF tunnening RFC4293 – MIB IPv6: Textual Conventions and General Group
-1 -2 -2 -2 -2 -2 -2 -2 -2
RFC 3595 – Textual Conventions for IPv6 Flow Label
RFC 3595 – Textual Conventions for IPv6 Flow Label Web user interface: Built-in web user interface for easy browser-

T	
	 Firmware upgrade: Web browser upgrade (HTTP) and Trivial File Transfer Protocol (TFTP)
	• Dual images for resilient firmware upgrades
	 Port mirroring: Traffic on a port can be mirrored to another port for analysis with a network analyzer or RMON probe Other management: Traceroute
	Single IP management
	• SSL security for web user interface
	• RADIUS
	Port mirroring
	• TFTP upgrade
	DHCP client
	BOOTP
	Simple Network Time Protocol (SNTP)
	Xmodem upgrade
	Cable diagnostic
	• Ping
	• Syslog
	Telnet client (SSH secure support)
	Link aggregation:
	• Link aggregation using IEEE 802.3ad
	• Link Aggregation Control Protocol (LACP)Up to 8 ports in up to 8 groups
	Storm control: Broadcast and multicast storm protection
	DoS prevention: DoS attack prevention
	 GMP snooping: IGMP (versions 1 and 2) snooping limits bandwidth-intensive video traffic to only the requestors. Supports 256 multicast groups. Standards: 802.3ab 1000BASE-T Gigabit Ethernet, 802.3z Gigabit Ethernet, 802.3x flow control, 802.3ad LACP, 802.1d Spanning Tree Protocol (STP), 802.1Q/p VLAN, 802.1w Rapid STP, 802.1s Multiple STP, 802.1x port access authentication
	SFP Ports: 4 - SFP transceiver-based Gigabit Ethernet ports each equipped with Gigabit SFP transceiver. Number of fans: 2
	Power: 100–240V AC, 50–60Hz, internal, universal; also equipped with redundant power supply connector for external power supply 48V DC
	Power consumption: 12V at 7.5A (90W)
	Storage temperature: -4° to 158°F (-20° to 70°C)
	Minimum 3 years on Parts, Labour and software.
	End of life should be active

		Adjustable strength 2 to 5 (EN 1154) via template
		EN3 to EN4withoutmoving the body Supplied with L140 link arm andA154 parallel arm bracket
		Low opening force
		Back check as standard or use on single action doors from
		850mm to 1250mm BS8300 compliant (min. leaf width 765mm)
		CE marked
	LifeCam HD	
13	web camera	Model and Technology: Mature internationally recognized brand, in existence for at least 10 years(bidder must specify brand, model and series)
		Max Digital Video Resolution:-1280 x 720
		Digital Zoom:4 x
		Video Capture:-1280 x 720 @ 30 fps Still Image Capture Resolution:-1280 x 720
		Features:-TrueColor Technology
		Focus Adjustment:-automatic
		OS Required:-Microsoft Windows 7 professional, Microsoft Windows 8 professional Color :-colored
		Audio Support:-Yes
		Audio Support Features:-built-in microphone
		Computer Interface:-USB 2.0
		Video Input Device Type:-Color
		Connector Type:-4 pin USB Type A
		Focus Adjustment:-automatic
		Type:-Drivers & Utilities
14	Printer	Warranty:-2 years Model and Technology:
14	rinter	Mature internationally recognized brand, in existence for at least 10 years(bidder must specify brand, model and series)
		General Specifications: • Dual-sided printing module, edge-to-edge
		printing • Color-dye sublimation and monochrome thermal transfer
		• 300 dpi print head (11.8 dots/mm) • 16 MB of RAM Supported Platforms: • Windows [™] 7 (64 bit), XP, Vista (64 bit),
		Windows XP & Mac OS X.
		Card Feeder Capacity: • 100 cards (0.76 mm 30 mil)
		Printer Output: Max. 210 cards/hour, 850 cards/hour
		Card Types: • All PVC, Composite PVC cards, PET, ABS & varnished cards.
		Connections:- • USB
		Ethernet TCP-IP 10BaseT, 100BaseT (Traffic Led)
		Display:- • Printer LEDs
		Graphic notifications from the printer : Empty feeder, cleaning, "approaching end-of-ribbon" and "end-of-ribbon" warning
15	1.5KVA UPS rack mount	Model and Technology: Mature internationally recognized brand, in existence for at least 10 years(bidder must specify brand, model and series)

[1	Output Power Capacity:- 865 Watts / 1500 VA
		Max Configurable Power :-865 Watts / 1500 VA
		Nominal Output Voltage :-220/230/240VAC programmable1 phase + N
		Output Voltage Distortion :-Less than 5% at full load
		Output Frequency (sync to mains) :-47 – 53 Hz for 50 Hz nominal,57– 63 Hz for 60 Hz nominal
		Topology:-Line interactive
		Waveform Type:-Stepped approximation to a Sine wave
		Output Connections:-Four (4) IEC 320 C13, Two (2) IEC jumpers
		Nominal Input Voltage:-100V to 240V
		Input Frequency:-50/60 Hz +/- 3 Hz (auto sensing)
		Input Connections:-IEC-320 C14
		Battery Type:-Maintenance free sealed lead-acid with suspended
		electrolyte, leak proof
		Input voltage range for main operations:-1 phase 230VAC+ Neutral +earth
		Input voltage adjustable range for mains operation:-175 – 297V
		Typical recharge time:8 hour(s)
		Typical Backup Time at Half Load:-20.9 minutes (432.5 Watts)
		Typical Backup Time at Full Load:-7.6 minutes (865 Watts)
		Interface Ports:-DB-9 RS-232, 10/100 base-T
		Control panel LED status display with:- • On Line
		• On Battery
		Replace Battery and Overload indicators
		Audible Alarm :-Alarm when on battery : distinctive low battery alarm : configurable delays
		Surge energy rating:-445 Joules
		Filtering :-
		Full time multi-pole noise filtering
		• 5% IEEE surge let-through
		zero clamping response time
		• meets UL 1449
		Data Line filtering:-RJ-45 modem/Fax/DSL/10-100 Base-T
		protection
		Standard Warranty:-2 years repair or replace
16	6 MP IP IR Dome Indoor	Model and Technology: Mature internationally recognized brand, in existence for at least 10
	Camera with	years(bidder must specify brand, model and series)
	Digital Zoom	Image Sensor:- 1/1.8" Progressive Scan CMOS
		Min. Illumination: Color: 0.1 lux at F2.0 (30 IRE, 2400 K); B/W: 0
		lux at F2.0 (IR LED on)
		Shutter: 1/5-1/2000sec (manual mode); 1/5-1/10000sec (auto
		mode) Slow shutter support
		Lens: Varifocal
		Focusing: Auto
1		rocusing. Auto

	Auto Iris: Yes
	Day & Night: IR cut filter with auto switch
	Wide Dynamic Range: Basic WDR (120 dB)
	Compression Standard
	Video Compression: H.265+/H.264+/H.264/MJPEG
	H.264 code profile: Baseline Profile / Main Profile / High Profile
	Video bit rate: 28Kbps - 6Mbps (per stream)
	Audio Compression:G.711/G.722.1/G.726/MP2L2
	Audio bit rate:64Kbps(G.711) / 16Kbps(G.722.1) / 16Kbps(G.726) / 32- 128Kbps(MP2L2)
	Max. Image Resolution: six megapixels (2921 x 2184)
	Multiple video streaming (3 streams)
	Image Enhancement: BLC/3D DNR/ROI/Defog
	Image Settings:Saturation, brightness, contrast adjustable through client oftware or web browser
	Supports distortion correction
	Supports target cropping
	Day Night/Switch: Auto/Schedule/Triggered by Alarm In
	Network Storage: NAS (Support NFS,SMB/CIFS), ANR
	Alarm
	Trigger:Motion detection, tampering alarm, network disconnect , I P address conflict, storage exception
	Protocols:TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGM P, 802.1X, QoS, IPv6, Bonjour
	General Function:
	User Authentication, Watermark, IP address filtering
	System Compatibility: ONVIF (Profile S, Profile G),ISAPI
	Communication interface: 100M/1000M Ethernet port, 1 RS-
	485 interface
	Audio:1-ch 3.5 mm audio in (Mic in/Line in)/out interface
	Alarm: 1 input, 1 output (up to DC24V 1A or AC110V 500mA)
	On-board storage: Built- in Micro SD/SDHC/SDXC slot, up to 128 GB
	Model and Technology:
	Mature internationally recognized brand, in existence for at least 1 years(bidder must specify brand, model and series)
	Operating conditions: -30 °C ~ 60 °C (-22 °F ~ 140 °F)
	Humidity 95% or less (non-condensing)
180 degrees	Power Supply: PoE (802.3af)
fisheye IP IR	Impact Protection: IK10
camera	IR range: Up to 30m
	Image Sensor:- 6MP 1/1.8" Progressive Scan CMOS
	Signal System:- PAL/NTSC
	Min. Illumination:-Color: 0.1 lux at F2.8 (30 IRE, 2400 K); B/W: 0
	lux at F2.8 (IR LED on)

		Longe 1 (Emm EQ.9
		Lens:-1.65mm, F2.8 Angle of view: 180°(wall mount)
		Focusing: Auto
		Day &Night:- IR cut filter with auto switch
		Wide Dynamic Range:-True WDR at least 130dB
		Digital noise reduction:- 3D DNR
		Video Compression:- H.264+/H.264/MJPEG
		Audio Compression:- G.711/G.722.1/G.726/MP2L2
		Triple Stream:- Yes
		Digital Zoom: 21x
		Max. Image Resolution:-4096 x 2190
		Image Settings:- Saturation, brightness, contrast adjustable through client software or web browser
17	6MP IP IR	Model and Technology:
	Bullet Outdoor	Mature internationally recognized brand, in existence for at least
	Camera with Digital Zoom	10 years(bidder must specify brand, model and series)Motorized zoom lens with P-Iris technology
		Independent with Main Stream and Sub Stream
		Image Sensor: 1/1.8" Progressive Scan CMOS
		Min. Illumination: Color: 0.1 lux at F1.4 (30 IRE, 2400 K); B/W: 0
		lux at F1.4 (IR LED on) Shutter Time: 1/5-1/2000sec (manual mode); 1/5-1/10000sec
		(auto mode)
		Slow Shutter: Yes
		Fixed Lens: 2.8 - 9 mm@ F1.4, angle of view: 94.5°-30.5°
		Auto Iris: DC drive
		Focusing: Auto
		Angle Adjustment: Pan:0°-355°, Tilt: 0° ~ 75°, Rotation:0°-355°
		Digital Noise Reduction: DNR
		WDR: Basic WDR (74 dB)
		Day/Night: IR cut filter with auto switch
		Video Compression: H.264, MPEG4, MJPEG
		Bit Rate: 32 Kbps ~ 16 Mbps
		Audio Compression: G.711/G.726/MP2L2
		Audio Bit Rate: 64Kbps(G.711) / 16Kbps(G.726)/ 32- 128Kbps(MP2L2)
		Max. Image Resolution: six megapixels (2921 x 2184)
		Frame Rate: 30fps
		Day/Night Switch Auto/Schedule/Triggered by alarm in
		Analytics and Alarm Trigger: Cross line detection, Intrusion
		detection, Scene change detection, Defocus detection, audio exception detection, Motion detection,
		Face detection,
		Dynamic analysis, Tampering alarm, Network disconnect, IP address conflict
		Protocols:
		TCP/IP,ICMP,HTTP,HTTPS,DHCP,DNS,RTP,RTSP,RTCP, NTP,SMTP,IGMP,IPv6
		Security: User authentication, watermark, IP address filtering, anonymous access
		System Compatibility: ONVIF (Profile S, Profile G), PSIA, CGI, ISAPI

		Onboard Storage: Built in Micro SD slot, up to (128GB)
		Power Supply: PoE (802.3af)
		IR Range: Approx. 30m
		Impact Protection: IK10
		Protection Level Weatherproof (IP68), Vandal proof metal casing
		(IK10)
		Warranty: 2 Year
	6 MP IP IR Fish Eye (360°)Camera	Model and Technology: Mature internationally recognized brand, in existence for at least 10 years(bidder must specify brand, model and series)
		Image Sensor: 1/1.8" Progressive Scan CMOS
		16x digital zoom
		Digital WDR
		25 ft (8 m) IR distance, depending on scene reflectance
		Built-in cyber security hardware chipset
		Excellent low light performance with down to 0 lux BW (with IR LEDs on)
		Up to triple stream support
		1.7 mm, F2.0, or 1.98 mm F2.8 fixed fisheye lenses
		Onboard camera storage up to 128 GB microSD card (not included)
		Rugged outdoor housing with IP67 ingress protection rating and IK10 impact resistance rating
		ONVIF profile S and G compliant
		Global language support with 15 languages for all QIGs, Web GUI, and online help
18	4MP IP PTZ Outdoor Camera with	Model and Technology: Mature internationally recognized brand, in existence for at least 10 years(bidder must specify brand, model and series)
	Digital Zoom	Image Sensor1/3.2 "HD CMOS sensor
		Full HD: 2048 x 1536 / 25fps/30fps
		Min.Illumination:F1.5, 50IRE, AGC On: Color: 0.002 lux, B/W : 0. 0002 lux, 0 lux with IR
		White Balance: Auto/ATW/Indoor/Outdoor/Daylight lamp/Sodium lamp WDR:120dB
		Shutter Time: 50Hz: 1~1/30,000s; 60Hz: 1~1/30,000s
		Alarm Trigger: Motion detection, tampering alarm, HDD full, HDD error, network disconnected, IP address conflicted, illegal login
		True Day & Night: ICR
		Privacy Masking: 24 privacy masks programmable; optional multiple colors and mos aics
		Auto Focus: Auto
		30x Optical zoom (4.3~129mm), 16x Digital zoom
		3D positioning
		Weather Proof IP66 and IK10 Vandal Proof
		ROI: Support 1 fixed region for main stream and sub stream separately
		Pan Range: 360°endless

		1
		Pan Speed: Pan Manual Speed: 0.1°~160°/s, Pan Preset Speed: 240°/s
		Tilt Range: -20°~90°(Auto Flip)
		Tilt Speed:
		Tilt Manual Speed: 0.1°~120°/s, Tilt Preset Speed: 200°/s
		Proportional Zoom:
		Rotation speed can be adjusted automatically according to zoom m ultiples
		Number of Preset: 300
		Patrols:8 patrols, up to 32 presets per patrol
		Pattern:
		4 patterns, with the recording time not less than 10 minutes per pat tern
		Supports power loss recovery
		Park Action:
		Preset / Patrol / Pattern / Pan scan / Tilt scan / Random scan / Fra
		me scan / Panorama scan
		PTZ Position Display: ON/OFF
		Supports Freeze Frame
		IR irradiation distance:120M
		IR irradiation angle: Adjustable by Zoom
		Warranty: 2 Year
10	Network Video	Model and Technology: Mature internationally recognized brand,
19	Recorder	in existence for at least 10 years(bidder must specify brand, model and series)
		Server Software(Recording)
		Video Standards: PAL, or NTSC standards, HD-SDI and IP
		Video Standards: PAL, or NTSC standards, HD-SDI and IP Video Resolution: OCIF, CIF, 2CIF, DCIF, D1, 720p.1080p, MP
		Video Resolution: QCIF, CIF, 2CIF, DCIF, D1, 720p,1080p, MP
		Video Resolution: QCIF, CIF, 2CIF, DCIF, D1, 720p,1080p, MP Live view / Playback
		Video Resolution: QCIF, CIF, 2CIF, DCIF, D1, 720p,1080p, MP Live view / Playback resolution 12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF
		Video Resolution: QCIF, CIF, 2CIF, DCIF, D1, 720p,1080p, MP Live view / Playback resolution 12 MP/8 MP/6 MP/5 MP/4 MP/3
		Video Resolution: QCIF, CIF, 2CIF, DCIF, D1, 720p,1080p, MP Live view / Playback resolution 12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF IP and HD rates: High image rate streams supported, camera
		Video Resolution: QCIF, CIF, 2CIF, DCIF, D1, 720p,1080p, MP Live view / Playback resolution 12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF IP and HD rates: High image rate streams supported, camera dependent Zoom: Unlimited zoom by mouse wheel Record Type: Continuous, schedule, motion, alarm, event and
		Video Resolution: QCIF, CIF, 2CIF, DCIF, D1, 720p,1080p, MP Live view / Playback resolution 12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF IP and HD rates: High image rate streams supported, camera dependent Zoom: Unlimited zoom by mouse wheel Record Type: Continuous, schedule, motion, alarm, event and digital input trigger
		Video Resolution: QCIF, CIF, 2CIF, DCIF, D1, 720p,1080p, MP Live view / Playback resolution 12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF IP and HD rates: High image rate streams supported, camera dependent Zoom: Unlimited zoom by mouse wheel Record Type: Continuous, schedule, motion, alarm, event and digital input trigger Record Tracks: 3 independents tracks assignable to different HDDs
		Video Resolution: QCIF, CIF, 2CIF, DCIF, D1, 720p,1080p, MP Live view / Playback resolution 12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF IP and HD rates: High image rate streams supported, camera dependent Zoom: Unlimited zoom by mouse wheel Record Type: Continuous, schedule, motion, alarm, event and digital input trigger Record Tracks: 3 independents tracks assignable to different HDDs with different settings
		Video Resolution: QCIF, CIF, 2CIF, DCIF, D1, 720p,1080p, MP Live view / Playback resolution 12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF IP and HD rates: High image rate streams supported, camera dependent Zoom: Unlimited zoom by mouse wheel Record Type: Continuous, schedule, motion, alarm, event and digital input trigger Record Tracks: 3 independents tracks assignable to different HDDs with different settings Overwrite Modes: Configurable auto deletion and overwrite
		Video Resolution: QCIF, CIF, 2CIF, DCIF, D1, 720p,1080p, MP Live view / Playback resolution 12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF IP and HD rates: High image rate streams supported, camera dependent Zoom: Unlimited zoom by mouse wheel Record Type: Continuous, schedule, motion, alarm, event and digital input trigger Record Tracks: 3 independents tracks assignable to different HDDs with different settings Overwrite Modes: Configurable auto deletion and overwrite function by time or disk allocation
		Video Resolution: QCIF, CIF, 2CIF, DCIF, D1, 720p,1080p, MP Live view / Playback resolution 12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF IP and HD rates: High image rate streams supported, camera dependent Zoom: Unlimited zoom by mouse wheel Record Type: Continuous, schedule, motion, alarm, event and digital input trigger Record Tracks: 3 independents tracks assignable to different HDDs with different settings Overwrite Modes: Configurable auto deletion and overwrite function by time or disk allocation Operating System: Embedded Linux platform
		Video Resolution: QCIF, CIF, 2CIF, DCIF, D1, 720p,1080p, MP Live view / Playback resolution 12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF IP and HD rates: High image rate streams supported, camera dependent Zoom: Unlimited zoom by mouse wheel Record Type: Continuous, schedule, motion, alarm, event and digital input trigger Record Tracks: 3 independents tracks assignable to different HDDs with different settings Overwrite Modes: Configurable auto deletion and overwrite function by time or disk allocation
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		Video Resolution: QCIF, CIF, 2CIF, DCIF, D1, 720p,1080p, MP Live view / Playback resolution 12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF IP and HD rates: High image rate streams supported, camera dependent Zoom: Unlimited zoom by mouse wheel Record Type: Continuous, schedule, motion, alarm, event and digital input trigger Record Tracks: 3 independents tracks assignable to different HDDs with different settings Overwrite Modes: Configurable auto deletion and overwrite function by time or disk allocation Operating System: Embedded Linux platform The VMS will have the following licensed features embedded, analytics should be on server and camera side:-
		Video Resolution: QCIF, CIF, 2CIF, DCIF, D1, 720p,1080p, MPLive view / Playback resolution 12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIFIP and HD rates: High image rate streams supported, camera dependentZoom: Unlimited zoom by mouse wheelRecord Type: Continuous, schedule, motion, alarm, event and digital input triggerRecord Tracks: 3 independents tracks assignable to different HDDs with different settingsOverwrite Modes: Configurable auto deletion and overwrite function by time or disk allocationOperating System: Embedded Linux platformThe VMS will have the following licensed features embedded, analytics should be on server and camera side:- object counting
		Video Resolution: QCIF, CIF, 2CIF, DCIF, D1, 720p,1080p, MPLive view / Playback resolution 12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIFIP and HD rates: High image rate streams supported, camera dependentZoom: Unlimited zoom by mouse wheelRecord Type: Continuous, schedule, motion, alarm, event and digital input triggerRecord Tracks: 3 independents tracks assignable to different HDDs with different settingsOverwrite Modes: Configurable auto deletion and overwrite function by time or disk allocationOperating System: Embedded Linux platformThe VMS will have the following licensed features embedded, analytics should be on server and camera side:-• Object counting • Target cropping scheme
		Video Resolution: QCIF, CIF, 2CIF, DCIF, D1, 720p,1080p, MPLive view / Playback resolution 12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIFIP and HD rates: High image rate streams supported, camera dependentZoom: Unlimited zoom by mouse wheelRecord Type: Continuous, schedule, motion, alarm, event and digital input triggerRecord Tracks: 3 independents tracks assignable to different HDDs with different settingsOverwrite Modes: Configurable auto deletion and overwrite function by time or disk allocationOperating System: Embedded Linux platformThe VMS will have the following licensed features embedded, analytics should be on server and camera side:-• Object counting• Target cropping scheme • Object entering/leaving
		Video Resolution: QCIF, CIF, 2CIF, DCIF, D1, 720p,1080p, MPLive view / Playback resolution 12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIFIP and HD rates: High image rate streams supported, camera dependentZoom: Unlimited zoom by mouse wheelRecord Type: Continuous, schedule, motion, alarm, event and digital input triggerRecord Tracks: 3 independents tracks assignable to different HDDs with different settingsOverwrite Modes: Configurable auto deletion and overwrite function by time or disk allocationOperating System: Embedded Linux platformThe VMS will have the following licensed features embedded, analytics should be on server and camera side:-• Object counting• Target cropping scheme• Object entering/leaving• Facial recognition

	Objectidentification
	Object identification
	Forensic search
	Automatic Number Plate Recognition
Cli	ent Software
Rer	note Users: 2 to unlimited concurrent licensed users
Ope	erating System: Microsoft Windows Server
Мо	bile client: Support for Android, iOS devices and licensed
	d and Display: Instantaneous and simultaneous display of live l recorded images
	eo Display: User configurable by image size, aspect ratio and
.	ition
	ensed Features(one off license)
line tota	warping for any 360 degree cameras: Provides customizable ear views of live and archived images and the ability to recall a al old of view and follow subjects as if tracking with a PTZ nera, creating ad hoc video clips around the occurred events
	ltiple Interactive Maps: Configurable map screen for finding and eracting with cameras and devices
diff	tual Matrix: Ability to display video from multiple cameras from erent recorders on monitor walls
	S should support Video Wall functionality to control multiple
	ge monitors from single Client workstation
oth	TP proxy server: Allows remote management of cameras and er equipment that is isolated on the local surveillance network
	e Operating system, the VMS and the database (enterprise
	sions) will have a one off license
	e client software with unlimited concurrent users (remote and bile)
	omatic plate number recognition for unlimited number of neras
	e recognition for unlimited cameras
	mera Support
Cor	npression formats: H.264, H.264+, H.265, MPEG-4, M-JPEG, EG2000, and MxPEG
Car	nera Model: Should work on an open platform i.e. support any camera model provided it has ONVIF feature.
PTZ	Z devices: Full 3 axis control(PAN, TILT & ZOOM) using a 3-axis use or joystick controller
	Z Mode: Preset and Tour
IPO	Camera setup: Drop down menu
	camera discovery: Automatic for ONVIF cameras
	camera web browser setup: Direct access
	nera and tracks: Multiple recording profiles
	curity and Redundancy
	•
	sword profile: Multiple protection levels
	nera and displays: Accessible on a per user basis
che	ital watermarking : Image authentication with real time cking
Enc	cryption: Up to 4096 bit encryption
	note Administration: Remote control via TCP/IP network luding restart and rebooting
	ents and Alarms

Advanced events: Shows a real time stream of incoming events and alarms on the main window
Event Detection: Any third party events and alarms, video loss,
darkening, motion within image, camera movement, camera
tamper, alarm input, login succeeded, login denied, faulty warning.
Event notification: Via client viewer, email or TCP/IP message
Events Actions: Record on alarm, text overlay, boost recording rate,
trigger output, spot monitor and PTZ camera on preset
Failover
NVR and VMS Suite should support complete failover of both
management server and recording server.
Database server should support mirroring for immediate high
availability if primary database server fails
Failover should occur instantaneously under 1 minute without any
user disruption
Hardware
Processor: Intel® Xeon® E5-2620v3 (10 core, 2.3 GHz, 40MB,
105W
Memory: 64 Gb
Storage:
• 32TB,
• 3210,
• 120 GB SSD boot drive for rapid start-up),
• Cache (MB)5 64
Performance Class 5400 RPM Class
 Load/unload cycles 300,000
Safe and secure surveillance Hard Drives
Raid Level: 0,1,5,6 –Optional
Incoming bandwidth : 320 Mbps, or 200 Mbps (when RAID is
enabled)
Outgoing bandwidth :256 Mbps, or 200 Mbps (when RAID is
enabled)
IP video input Up to 12MP resolution
Recording resolution : 12MP/8 MP/6 MP/5 MP/4 MP/3
MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Network: 2 x 1GigE ports –upgradable
Speed -1000 Mbps
Remote connection : 128
The server will be configured in the existing Local Area Network
(LAN) and the cameras will be on their own network(Behind the NVR)
Time Sync(NTP): Automatically synchronized to other compatible
recorders
Privacy Mask: Configurable mask to avoid viewing sensitive areas
within a camera view. Time Zone: Regional setting available
Languages: Multiple languages support
Recorder per location: 1-255
Distributed locations: 1 to unlimited
Monitoring: Full system monitoring including SMART disk health
 monitoring

		Power: Input Voltage 240V ac , 50Hz
		1+1 redundant power supply unit
		Watchdog function: Auto-reboot of system in case of system failure
		Warranty: 2/2/2 - Server Warranty includes two years of parts, three years of labor, and three years of onsite support coverage.
20	42U Cabinet	Model and Technology: Mature internationally recognized brand,
20	4 =0 cubillet	in existence for at least 10 years(bidder must specify brand, model
		and series)
		42U cabinet/Rack
		Plexiglas Glass front door/Vented Rear door both with locking swing handles.
		MUST have removable cable slots both at the top and bottom
		covers Demonshie /le cheble eide neuele
		Removable/lockable side panels
		2 Sets of adjustable mounting rails (adjusting in 1 inch increments)
		Adjustable mounting depth of 3" to 32.5" inches
		It should be packaged with:
		• (50) M6 Screws
		• (50) M6 cage nuts
		• (50) Washers
		• (4) Casters
		• (4) Levelers
		• (2) keys
		Owner manual
		2 extractor fan kits
		MUST be Colored and metered rack mount 2u 24 port PDU, 15 amp
		Power Strip with circuit breaker and 15 ft. cords
		Black in color
21	Evolis High Trust Colour	Model and Technology: Mature internationally recognized brand,
	Cartridge (PNO R5F002EAA 300 prints)	in existence for at least 10 years(bidder must specify brand, model and series)
		300 full color prints per roll
		For use with evolis primacy printer
22	Printable	Model and Technology: Mature internationally recognized brand,
	contactless smart cards 32	in existence for at least 10 years(bidder must specify brand, model and series)
	Bits	Fully ISO/IEC 14443 Type A 1-3 compliant
		Available with ISO/IEC 14443-3 7-byte unique identifier
		7-byte UID or 4-byte NUID
		1- or 4-kByte EEPROM
		Simple fix memory structure
		Memory access conditions freely programmable
		2 x 48 bit keys per sector for key hierarchy
		Personalization options (7B UID version only), supporting flexibility within 4-byte- and 7-byte infrastructure, e.g. ISO

		shortcut, UID mapping and random ID
		NXP originality signature to prove MIFARE Classic® genuineness
		The cards MUST be compatible with the existing KRA Access Control System at Times Towers
23 H	HDMI Cable	Model and Technology: Mature internationally recognized brand, in existence for at least 10 years(bidder must specify brand, model and series)
		sRGB
		YCbCr 4:2:2/4:4:4
		8 channel LPCM, 192 kHz, 24-bit audio capability
		Blu-ray Disc and HD DVD video and audio at full resolution
		Consumer Electronic Control (CEC)
		DVD-Audio support
		Super Audio CD (DSD) support
		Deep color
		xvYCC
		Auto lip-sync
		Dolby TrueHD bitstream capable
		DTS-HD Master Audio bitstream capable
		Updated list of CEC commands
		3D over HDMI
		Ethernet channel
		Audio return channel (ARC)
		4K resolution support at 30 fps
,	CAT 6A cable (Outdoor)	Mature internationally recognized brand, in existence for at least 10 years(bidder must specify brand, model and series) Conductor Metal: Solid Bare Copper
		Shield: Aluminum Polyester Foil
		Color Code: Black
		Conductor Diameter: 0.560mm Nominal, 23 AWG
		Insulation Diameter: 1.14 Nominal, Insulation Material: HD-PE
		Drain Wire: 26 AWG
		Jacket Material: Double sheath, PVC Inner Sheath, UV PVC Outer Sheath Cable Diameter: 8.6mm Nominal
		Warranty: 1 Year
	SD 128 GB Supply,	Mature internationally recognized brand, in existence for at least 2 years(bidder must specify brand, model and series)
I	nstall and Configure)	Form factor: 2.5" drive available in both 7.0mm (64GB & 128GB only) & 9.5mm (256GB) to fit more systems
		Interface: SATA Rev. 3.0 (6Gb/s) – with backwards compatibility
		to SATA Rev. 2.0.

		Warranty: Three-year warranty, free technical support
26	Hot-	Mature internationally recognized brand, in existence for at least 10
	Swappable Disk- NVR 10TB (Supply, Install and Configure)	years(bidder must specify brand, model and series)
		Capacity- 10 TB
		Features: Time-Limited Error Recovery (TLER), IntelliSeek,
		IntelliPower, Advanced Format technology, All Frame, surveillance
		system compatible, S.M.A.R.T.
		Interface: SATA 6Gb/s
		Buffer Size: 64 MB
		Internal Data Rate: 150 MBps
		Drive Transfer Rate: 600 MBps (external)
		Speed: 5400 RPM
		Warranty: 3 Year
27	Hot-	Mature internationally recognized brand, in existence for at least 10
,	Swappable	years(bidder must specify brand, model and series)
	Disk-NVR 4TB	Capacity- 4 TB
	(Supply, Install and Configure)	Features: Time-Limited Error Recovery (TLER), IntelliSeek,
	und configure)	IntelliPower, Advanced Format technology, All Frame, surveillance
		system compatible, S.M.A.R.T.
		Interface: SATA 6Gb/s
		Buffer Size: 64 MB
		Internal Data Rate: 150 MBps
		Drive Transfer Rate: 600 MBps (external)
		Speed: 5400 RPM
		Warranty: 3 Year
28	Hot-	Mature internationally recognized brand, in existence for at least 10
	Swappable	years(bidder must specify brand, model and series)
	Disk- NVR 2TB (Supply, Install	Capacity- 2 TB
	and Configure)	Features: Time-Limited Error Recovery (TLER), IntelliSeek,
		IntelliPower, Advanced Format technology, All Frame, surveillance
		system compatible, S.M.A.R.T.
		Interface: SATA 6Gb/s
		Buffer Size: 64 MB
		Internal Data Rate: 150 MBps
		Drive Transfer Rate: 600 MBps (external)
		Speed: 5400 RPM
		Warranty: 3 Year
29	Gigabit	Model and Technology:
	Ethernet	Mature internationally recognized brand, in existence for at least 10
	1000Base-SX	years(bidder must specify brand, model and series)
	SFP Optical Interface	
	Interface	Transceiver model number:- SFP-1GE-SX
		Rate:- 1000 Mbps
		Optical interface:- Multimode
		Transceiver type:- SFP
		Maximum distance:- 50/125 MMF cable: 1640 ft/500 m
		Transmitter wavelength:- 770 through 860 nm

		Average launch power:- –9.5 through o dBm
		Average receive power:- –17 through 0 dBm
		Receiver saturation:- 0 dBm
		Receiver sensitivity:- –17 dBm
30	Fiber Patch cords 3M LC To SC OM3 MM	Model and Technology: Mature internationally recognized brand, in existence for at least 10 years(bidder must specify brand, model and series)
		Fiber Type:-62.5/125 - OM1Cable Type :-MultimodeCable Length (m.):-3Color:-OrangeNetwork Speed:-1GbpsConnections:-Connector A SC DUPLEX (MALE), Connector B ST
31	Graphic card (NVDA)	DUPLEX (MALE) Model and Technology: Mature internationally recognized brand, in existence for at least 10 years(bidder must specify brand, model and series)
		Intended Operating System:Windows 7, Windows Vista, Windows XP Memory Interface: DDR3-1066DDR2-800 DirectX 10 Support: Yes
		Graphics Cores: 16 Core/Shader Clocks: 450/1100 MHz Texture Fill Rate: 3.6 Billion/second
		Max. Anti-Aliasing (AA) Sample Rate: 16x RAMDACs: 300MHz
		Max. High-Dynamic Range (HDR) Precision: 128-bit Max. Analog Resolution: 2048 x 1536 Max Digital Resolution: 2560 x 1600
		NVIDIA PureVideo® HD: Yes With Full HD decode (1080i/p) Display options: HDMI, dual-link DVI, DP
		and VGA PCI-Express 2.0: 20 lanes 1 x16
		Audio: HDA (Azalia) Form Factor: UDIMM Total Capacity: 8GB
		Specs: DDR3 PC3-12800 • CL=11 • Unbuffered • ECC • DDR3-1600 • 1.35V • 1024Meg x 72 • Speed: 1600 MT/S
		Voltage: 1.35V DIMM Type: Unbuffered Bullet Features: Increases system performance
32	Uninterruptibl e Power Supply for the door	Model and Technology: Mature internationally recognized brand, in existence for at least 10 years(bidder must specify brand, model and series)
	controllers	Input: 100-240VAC 1.6A 50/60Hz DC Output: 13.8VDC 3.8A (5V 0.75A via Power Distribution Board)

		Battery Charge Output: 13.4VDC 0.23A
		Additional: AC Power Fail Output
		Dimensions: 13" x 13" x 4.5" (33.02 x 33.02 x 11.43 cm)
		Construction: Cold-rolled 18 Gauge Steel, Powder Coated Finish
33	Rubber Door Stoppers	Model and Technology: Mature internationally recognized brand, in existence for at least 10 years(bidder must specify brand, model and series)
		Colour: Black
34	Door Hinges	Model and Technology: Mature internationally recognized brand, in existence for at least 10 years(bidder must specify brand, model and series)
		Material: Brass ,Stainless Steel 201,304,316
35	Exit buttons	Model and Technology: Mature internationally recognized brand, in existence for at least 10 years(bidder must specify brand, model and series)
		Max Current: 3A/36 VDC(No/NC) output
		Size: 91x28 mm
36	55" LED HDTV	Model and Technology : Mature internationally recognized brand, in existence for at least 10 years(bidder must specify brand, model and series) Max. Resolution :3840×2160
		Input signal : HDMI / USB/VGA /RF / AV_IN / VIDEO_OUT /AUDO_OUT / RJ45 / DIGITAL AUDIO_OUT
		USB - support: Video/Audio/Image
		Audio/Video Inputs : Stereo Audio L/R RCA
		Intelligent energy management: Must have the ability measure the intensity of light in the room and automatically adjusts the TV brightness.
		Operating voltage : 100V-240VAC 60/50Hz
		Image processing : 3D+3D
		Audio Power output : 8W+8W
37	Cisco Switch –	Mature internationally recognized brand, in existence for at least 10
	48 Gigaport	years(bidder must specify brand, model and series) Enterprise standalone, High-density, High performance, Gigabit
	POE with 4	Ethernet switch. Layer 2 switching and layer 3 routing must be
	uplink	supported.
	-	The switch MUST provide a seamless integration with the existing
	Gigaport	KRA network 48 Ethernet 1000 Mb ports, 4 - SFP transceiver-based Gigabit Ethernet ports
		Must support Advanced Layer 3 switching (IPv4 and IPv6) features, advanced quality of service (QoS), rate limiting, Access Control Lists (ACLs) and Enhanced Interior Gateway Routing Protocol (EIGRP) and OSPF
		IEEE 802.1Q, 802.1p, 802.3x
		Ethernet: IEEE 802.3, 1000BaseT, and 1000BaseFL
		Fast Ethernet: IEEE 802.3u, 1000BaseTX, 1000BaseFX
		Gigabit Ethernet: IEEE 802.3z.
		Compatible with different vendors Network equipment e.g. 3com, Nortel, Cisco.
		Compliant with IEEE SNMP standards. Capable of monitoring the Network up to Node Level. Management by a well-known and developed propriety OS.
		Spanning Tree Protocol Technology
		Support for Spanning Tree Protocol Technology
		Compliant with IEEE 802.1Q standards- should support

		VI ANG/Network Segmentation
		VLANS/Network Segmentation
		Port Level Security e.g. Port Filtering, Access Control Lists, Policy based routing etc. Management by a recognized proprietary
		operating system
		Auto negotiating on all ports automatically selects half- or full- duplex transmission mode to optimize bandwidth.
		Per-port broadcast, multicast, and unicast storm control prevents
		faulty end stations from degrading overall systems performance
		The proposed switch should not have reached End Of Life
		Minimum 3 years on Parts, Labour and software.
		In addition, the equipment <u>MUST</u> include the manufacturer's
		premier technical support services that include: I. Accelerated hardware replacement options,
		II. Operating system updates,
		III. Access to Manufacturer's technical assistance team,
		IV. Online troubleshooting / support tools and proactive problem diagnosis services.
38	3KVA UPS	Mature internationally recognized brand, in existence for at least 10 years(bidder must specify brand, model and series)
		Output Power Capacity : 865 Watts / 1500 VA
		Max Configurable Power : 865 Watts / 1500 VA
		Nominal Output Voltage : 220/230/240VAC programmable1
		phase + N
		Output Voltage Distortion : Less than 5% at full load
		Output Frequency (sync to mains) : 47 - 53 Hz for 50 Hz nominal,57 - 63 Hz for 60 Hz nominal
		Topology: Line interactive
		Waveform Type: Stepped approximation to a Sine wave
		Output Connections: Four (4) IEC 320 C13, Two (2) IEC jumpers
		Nominal Input Voltage: 100V to 240V
		Input Frequency: 50/60 Hz +/- 3 Hz (auto sensing)
		Input Connections
		IEC-320 C14
		Battery Type: Maintenance free sealed lead-acid with suspended
		electrolyte, leak proof
		Input voltage range for main operations: 1 phase 230VAC+ Neutral +earth
		Input voltage adjustable range for mains operation: 175 - 297V
		Typical recharge time:8 hour(s)
		Typical Backup Time at Half Load: 20.9 minutes (432.5 Watts)
		Typical Backup Time at Full Load: 7.6 minutes (865 Watts)
		Interface Ports:DB-9 RS-232, 10/100 base-T
		Control panel : LED status display with On Line : On Battery :
		Replace Battery and Overload indicators
		Audible Alarm : Alarm when on battery : distinctive low battery alarm : configurable delays
		Surge energy rating: 445 Joules
		Filtering : Full time multi-pole noise filtering : 5% IEEE surge let-
		through : zero clamping response time : meets UL 1449
		Data Line filtering: RJ-45 modem/Fax/DSL/10-100 Base-T protection
		Standard Warranty: 2 years repair or replace
		Accessories: Power cords (at least 1.83M), CD with software,
		Documentation CD, Rack Mounting brackets, Smart UPS signaling
		RS-232 cable, USB cable, User Manual

39	Proximity Card Reader	Model and Technology: Mature internationally recognized brand, in existence for at least 10 years(bidder must specify brand, model and series)
		Dynamic support of multiple credential technologies including iCLASS Seos®, iCLASS SE, standard iCLASS®, UHF, MIFARE®, MIFARE DESFire®, Mobile enabled
40	CAT 6A, Shielded RJ45 Modular Plugs	Model and Technology: Mature internationally recognized brand, in existence for at least 10 years(bidder must specify brand, model and series)
		Housing: Polycarbonate, UL94V-0
		Color: Transparent
		Contact Blade: Copper Alloy
		Conductor: Stranded & Solid Wire, 22 - 26 AWG (Plug Can Be Used For Wire OD's Of Under 1.5 mm & Cable Out Jacket OD Should Be Under 8.0 mm)
		Gold Plating: 50µ"
		Shielded Shell: Copper Alloy
41	3M CAT 6A	Model and Technology: Mature internationally recognized brand,
41	Patch cords	in existence for at least 10 years(bidder must specify brand, model and series)
		Boot: Elastomer
		Translucent Conductor : BC - Bare Copper
		Front Connection: Blades Phosphor Bronze with 50u inch Gold
		over Nickel Plating
		Inner Jacket: PVC - Polyvinyl Chloride
		Insulation: PO - Polyolefin
		Outer Jacket: PVC - Polyvinyl Chloride
		Total Number of Pairs: 4
		Conductor Size: 24 AWG
		Overall Nominal Diameter: 0.265 in
		Wiring Scheme: T568A/B-T568A/B
		Length: 3M
42	1M CAT 6A Patch cords	Model and Technology: Mature internationally recognized brand, in existence for at least 10 years(bidder must specify brand, model and series)
		Boot: Elastomer
		Translucent Conductor : BC - Bare Copper
		Front Connection: Blades Phosphor Bronze with 50u inch Gold over Nickel Plating
		Inner Jacket: PVC - Polyvinyl Chloride
		Insulation: PO - Polyolefin
		Outer Jacket: PVC - Polyvinyl Chloride
		Total Number of Pairs: 4
		Conductor Size: 24 AWG
		Overall Nominal Diameter: 0.265 in
		Wiring Scheme: T568A/B-T568A/B
		Length: 1M
43	48 Port CAT 6A Patch panel	Model and Technology: Mature internationally recognized brand, in existence for at least 10 years(bidder must specify brand, model and corries)
		and series) Product Group: PATCH PANELS & KEYSTONE JACKS
		TAA Compliant : Yes
		Model Type: Patch Panels

		Cable Type: Cat6/6a
		Unit Carton UPC#: 037332120045
		Color: Black
		Connector A : 110-TYPE TERMINAL (X48)
		Connector B: RJ45 (FEMALE) (X48)
		Connector C : RJ45 (FEMALE) (X12)
		Connector D : RJ45 (FEMALE) (X12)
		Ports: 48
44	24 Port CAT 6A	Model and Technology: Mature internationally recognized brand,
	Patch panel	in existence for at least 10 years(bidder must specify brand, model
		and series)
		Product Group: PATCH PANELS & KEYSTONE JACKS
		TAA Compliant : Yes
		Model Type: Patch Panels
		Cable Type: Cat6/6a
		Unit Carton UPC#: 037332120045
		Color: Black
		Connector A : 110-TYPE TERMINAL (X48)
		Connector B: RJ45 (FEMALE) (X48)
		Connector C : RJ45 (FEMALE) (X12)
		Connector D : RJ45 (FEMALE) (X12)
		Ports : 24
45	48 Port Fiber	Model and Technology: Mature internationally recognized brand,
	Trays loaded	in existence for at least 10 years(bidder must specify brand, model
	with Adaptors	and series)
	inclusive of	Number of fibre cores: 48
	installations	Number of modules inserts: 24
		Number of coupling/adapters: 24
		Width pigtails: Yes
		Fibre Type: Multimode 50/125
		Fibre Class: OM4
		APC – Type: No
		External Connection Type: LC-Duplex
		Interior Connection Type: LC-Duplex
		Colour: Black
		RAL-Number: 9005
		Number of rack units : 1
46	24 Port Fiber	Model and Technology: Mature internationally recognized brand,
	Trays loaded	in existence for at least 10 years(bidder must specify brand, model
	with Adaptors	and series)
	inclusive of	Number of fibre cores: 24
	installations	Number of modules inserts: 12
		Number of coupling/adapters: 12
		Width pigtails: Yes
		Fibre Type: Multimode 50/125
		Fibre Class: OM4
		APC – Type: No
		External Connection Type: LC-Duplex
		Interior Connection Type: LC-Duplex
		Colour: Black
		RAL-Number: 9005

	1	
		Number of rack units : 1
47	Hot-Swappable	Model and Technology: Mature internationally recognized brand,
	HDD-ACS	in existence for at least 10 years(bidder must specify brand, model
	(600GB)	and series)
		Type : Hard Drive - Internal
		Capacity : 600 GB
		Form Factor : 2.5 SFF
		Interface : SAS 6GB/S
		Data Transfer Rate : 600 MBPS
		Spindle Speed : 10000 RPM
48	32mm heavy	Model and Technology: Mature internationally recognized brand,
	gauge Pvc	in existence for at least 10 years(bidder must specify brand, model
	conduits,	and series)
	couplers,	
	saddles,	
	screws, tangit	
	and accessories	
49	25mm heavy	Model and Technology: Mature internationally recognized brand,
т <i>)</i>	gauge Pvc	in existence for at least 10 years(bidder must specify brand, model
	conduits,	and series)
	couplers,	
	saddles,	
	screws, tangit	
	and accessories	
50	Pvc 2 x 2	Model and Technology: Mature internationally recognized brand,
50	trunking with	in existence for at least 10 years(bidder must specify brand, model
	accessories	and series)
F1	32mm Flexible	Model and Technology: Mature internationally recognized brand,
51	Conduit	in existence for at least 10 years(bidder must specify brand, model
	conduit	and series)
52	25mm Flexible	Model and Technology: Mature internationally recognized brand,
0-	conduit	in existence for at least 10 years(bidder must specify brand, model
		and series)
53	CAT 6A cable	Model and Technology: Mature internationally recognized brand,
	(indoor)	in existence for at least 10 years(bidder must specify brand, model
		and series)
		23 AWG Annealed bare solid copper, CAT-6 UTP Cable, Channel
		optimized to 350 Mhz
		Meets EIA/TIA 568-B.2-1 Category 6 specifications, Passed UL 444
		test and meets CM and CMR ratings
		Worst Case Cable Skew : 45 nsec/100 meters
		Characteristic Impendence : 100(+/- 3) Ohms 500MHz , Tested till
		700 Mhz
		Conductor Annealed copper wire Diameter 0.52 mm (nominal)
		Insulation High Density polyethylene, Diameter 0.94 mm
		(nominal)
		Support for Fast Ethernet and Gigabit Ethernet IEEE
		802.3/5/12,Voice,ISDN, ATM 155 & 622 Mbps and Broadband
54	SFP fibre	Model and Technology: Mature internationally recognized brand,
	module (multi-	in existence for at least 10 years(bidder must specify brand, model
	mode)- Cisco	and series)
		Hot swappable to maximize uptime and simplify serviceability
		1000BASE-LX/LH SFP for Both Multimode
		Flexibility of media and interface choice on a port-by-port basis, so

		you can "pay as you populate"			
		Robust design for enhanced reliability			
		Supports digital optical monitoring (DOM) capability			
-6	Momory Ching				
56	Memory Chips- Master controller	Model and Technology: Mature internationally recognized brand, in existence for at least 10 years(bidder must specify brand, model and series)			
	2 MB RAM	SIMM Memory Module			
	module	AME-20 (2MB) module			
	mouule	Part Number 430-160			
57	NAS BOX	Model and Technology: Mature internationally recognized brand, in existence for at least 10 years(bidder must specify brand, model and series)			
		Processor: Freescale [™] ARM [®] v7 Cortex [®] -A9 dual-core 1.2GHz			
		Flash Memory: 512MB			
		Memory: 64 GB			
		Hardware encryption engine: AES-NI			
		Power frequency: 50/60Hz, single phase			
		Warranty: 3 years			
58	Emergency Break Glass	Model and Technology: Mature internationally recognized brand, in existence for at least 10 years(bidder must specify brand, model and series)			
		Current Rating: 10A @ 36VDC Max			
		Contact Output: NO / NC / COM			
		Material: Plastic Panel			
		Net Weight: 0.2 kg			
		Dimensions (mm): 86 (L) x 86 (W) x 55 (T)			
59	Override Key Switch	Model and Technology: Mature internationally recognized brand, in existence for at least 10 years(bidder must specify brand, model and series)			
		Features two positions (ON/OFF)			
		Single gang			
		Stainless steel material			
		Vandal resistant key cylinder recess			
		Includes 2 Keys			

1.

Method Statement

[Procuring Entity shall provide main features of the expected method of carrying out the contract, including indicating the material, personnel and equipment inputs].

4. OTHERS – TIME SCHEDULE

(to be used by Tenderer when alternative Time for Completion is invited in ITT 14.2)

5. NOTIFICATION OF INTENTION TO AWARD

[This Notification of Intention to Award shall be sent to each Tenderer that submitted a Tender.] [Send this

Notification to the Tenderer's Authorized Representative named in the Tenderer Information Form]

Telephone numbers:[insert Authorized Representative's telephone/fax numbers]

Email Address:[insert Authorized Representative's email address]

[IMPORTANT: insert the date that this Notification is transmitted to Tenderers. The Notification must be sent to all Tenderers simultaneously. This means on the same date and as close to the same time as possible.]

DATEOFTRANSMISSION: This Notification is sent by: [*email/fax*] on [*date*] (local time)

Procuring Entity:[insert the name of the Procuring Entity]

Contract title:[insert the name of the contract]

This Notification of Intention to Award (Notification) notifies you of our decision to award the above contract. The transmission of this Notification begins the Standstill Period. During the Standstill Period you may:

- a) Request a debriefing in relation to the evaluation of your Tender, and/or
- b) Submit a Procurement-related Complaint in relation to the decision to award the contract.

Name:	[insert name of successful Tenderer]	
Address: [insert address of the successful Tenderer]		
Contract price:[insert contract price of the successful Tender]		

(i) The successful Tenderer

(ii) Other Tenderers [INSTRUCTIONS: insert names of all Tenderers that submitted a Tender. If the Tender's pricewasevaluatedincludetheevaluatedpriceaswellastheTenderpriceasreadout.]

Name of Tenderer	Tender price	Evaluated Tender price (if applicable)	
[insert name]	[insert Tender price]	[insert evaluated price]	
[insert name]	[insert Tender price]	[insert evaluated price]	
[insert name]	[insert Tender price]	[insert evaluated price]	
[insert name]	[insert Tender price]	[insert evaluated price]	
[insert name]	[insert Tender price]	[insert evaluated price]	

2) How to request a debriefing.

DEADLINE: The deadline to request a debriefing expires at midnight on [insert date] (local time).

You may request a debriefing in relation to the results of the evaluation of your Tender. If you decide to request a debriefing your written request must be made within three (3) Business Days of receipt of this Notification of Intention to Award.

Provide the contract name, reference number, name of the Tenderer, contact details; and address the request for debriefing as follows:

Attention:	[insert full name of person, if applicable]
Title/position:	[insert title/position]
Agency:	[insert name of Procuring Entity]
Email address:	[insert email address]

If your request for a debriefing is received within the 3 Business Days deadline, we will provide the debriefing within five (5) Business Days of receipt of your request. If we are unable to provide the debriefing within this period, the Standstill Period shall be extended by five (5) Business Days after the date that the debriefing is provided. If this happens, we will notify you and confirm the date that the extended Standstill Period will end.

The debriefing may be in writing, by phone, video conference call or in person. We shall promptly advise you in writing how the debriefing will take place and confirm the date and time.

If the deadline to request a debriefing has expired, you may still request a debriefing. In this case, we will provide the debriefing as soon as practicable, and normally no later than fifteen (15) Business Days from the date of publication of the Contract Award Notice.

3) How to make a complaint?

Period: Procurement-related Complaint challenging the decision to award shall be submitted by [insert date and time].

Provide the contract name, reference number, name of the Tenderer, contact details; and address the Procurement-related Complaint as follows:

Attention:	[insert full name of person, if applicable]		
Title/position:	[insert title/position]		
Agency:	[insert name of Procuring Entity]		
Email address:	[insert email address]		

At this point in the procurement process, you may submit a Procurement-related Complaint challenging the decision to award the contract. You do not need to have requested, or received, a debriefing before making this complaint. Your complaint must be submitted within the Standstill Period and received by us before the Standstill Period ends.

In summary, there are four essential requirements:

- 1. You must be an 'interested party'. In this case, that means a Tenderer who submitted a Tender in this tendering process, and is the recipient of a Notification of Intention to Award.
- 2 The complaint can only challenge the decision to award the contract.
- 3. You must submit the complaint within the period stated above.
- 4. You must include, in your complaint, all of the information required to support the complaint.
- 5. The application must be accompanied by the fees set out in the Procurement Regulations, which shall not be

refundable (information available from the Public Procurement Authority at <u>complaints@ppra.go.ke</u>

The Standstill Period lasts ten (10) Business Days after the date of transmission of this Notification of Intention to Award.

The Standstill Period may be extended as stated in Section 4 above. If you have

any questions regarding this Notification pleased don't hesitate to contact us. On

behalf of the Procuring Entity:

Signature:______Name:______ Title/position:______ _____ Telephone:_____ Email:____

FORM FOR REVIEW (r.203(1))

PUBLIC PROCUREMENT ADMINISTRATIVE REVIEW BOARD

APPLICATION NO...... OF......20.......

BETWEEN

..... APPLICANT

AND

......RESPONDENT (Procuring Entity)

REQUEST FOR REVIEW

I/WeEmail
1.
2.
By this memorandum, the Applicant requests the Board for an order/orders that:
1.
2.
SIGNED (Applicant) Dated on day of

FOR OFFICIAL USE ONLY Lodged with the Secretary Public Procurement Administrative Review Board on......day of20......

SIGNED

Board Secretary

3 LETTER OF AWARD

[Form head paper of the Procuring Entity] [date] To:[name and address of the Service Provider]

This is to notify you that your Tender dated [date] for execution of the [name of the Contract and identification number, as given in the Special Conditions of Contract] for the Contract Price of the equivalent of [amount in numbers and words] [name of currency], as corrected and modified in accordance with the Instructions to Tenderers is hereby accepted by us (Procuring Entity).

You are requested to furnish the Performance Security within 28 days in accordance with the Conditions of Contract, using, for that purpose, one of the Performance Security Forms included in Section X, Contract Forms, of the tender document.

Please return the attached Contract dully signed Authorized Signature:

Name and Title of Signatory:

Name of Agency:

Attachment: Contract

4 FORM OF CONTRACT [Form head paper of the Procuring Entity]

LUMP-SUMREMUNERATION

This CONTRACT (herein after called the "Contract") is made the [day] day of the month of [month], [year], between, on the one hand, [name of Procuring Entity] (herein after called the "Procuring Entity") and, on the other hand, [name of Service Provider] (herein after called the "Service Provider").

[Note: In the text below text in brackets is optional; all notes should be deleted in final text. If the Service Provider consist of more than one entity, the above should be partially amended to read as follows: "... (herein after called the "Procuring Entity") and, on the other hand, a joint venture consisting of the following entities, each of which will be jointly and severally liable to the Procuring Entity for all the Service Provider's obligations under this Contract, namely, [name of Service Provider] and [name of Service Provider] (herein after called the "Service Provider").]

WHEREAS

- a) the Procuring Entity has requested the Service Provider to provide certain Services as defined in the General Conditions of Contract attached to this Contract (herein after called the "Services");
- b) the Service Provider, having represented to the Procuring Entity that they have the required professional skills, and personnel and technical resources, have agreed to provide the Services on the terms and conditions set forth in this Contract at a contract price of.....;

NOW THEREFORE the parties hereto hereby agree as follows:

- 1. The following documents shall be deemed to form and be read and construed as part of this Agreement, and the priority of the documents shall be as follows:
 - a) The Form of Acceptance;
 - b) The Service Provider's Tender
 - c) The Special Conditions of Contract;
 - d) The General Conditions of Contract;
 - e) The Specifications and the Priced Activity Schedule; and
 - f) The following Appendices: [Note: If any of these Appendices are not used, the words "Not Used" should be inserted below next to the title of the Appendix and on the sheet attached hereto carrying the title of that Appendix.]

Appendix A: Description of the Services

Appendix B: Schedule of Payments

Appendix C: Subcontractors Appendix

D: Breakdown of Contract Price

- 2. The mutual rights and obligations of the Procuring Entity and the Service Provider shall be as set forth in the Contract, in particular:
 - a) The Service Provider shall carry out the Services in accordance with the provisions of the Contract; and
 - b) The Procuring Entity shall make payments to the Service Provider in accordance with the provisions of the Contract.

IN WITNESS WHEREOF, the Parties hereto have caused this Contract to be signed in the irrespective names as of the day and year first above written.

For and on behalf of [name of Procuring

Entity] [*Authorized Representative*]

For and on behalf of [name of Service

Provider] [Authorized Representative]

[*Note*: If the Service Provider consists of more than one entity, all these entities should appear as signatories, e.g., in the following manner:]

For and on behalf of each of the Members of the Service Provider

[name of member]

[Authorized Representative]

[name of member]

[Authorized Representative]

PART II – PROCURING ENTITY'S REQUIREMENTS

SECTION VII - ACTIVITY SCHEDULE

Objectives

The objectives of the Activity Schedule are:-

- (a) to provide sufficient information on the quantities of Services to be performed to enable Tenders to be prepared efficiently and accurately; and
- (b) when a Contract has been entered into, to provide a priced Activity Schedule for use in the periodic valuation of Services executed.

In order to attain these objectives, Services should be itemized in the Activity Schedule insufficient detail to distinguish between the different classes of Services, or between Services of the same nature carried out in different locations or in other circumstances which may give rise to different considerations of cost. Consistent with these requirements, the layout and content of the Activity Schedule should be as simple and brief as possible.

Day work Schedule

A Day work Schedule should be included only if the probability of unforeseen work, outside the items included in the Activity Schedule, is high. To facilitate checking by the Procuring Entity of the realism of rates quoted by the Tenderers, the Day work Schedule should normally comprise the following:

- a) A list of the various classes of Services, labor, materials, and plant for which basic day work rates or prices are to be inserted by the Tenderer, together with a statement of the conditions under which the Service Provider will be paid for services delivered on a day work basis.
- b) Nominal quantities for each item of Day work, to be priced by each Tenderer at Day work rates as Tender. The rate to be entered by the Tenderer against each basic Day work item should include the Service Provider's profit, overheads, supervision, and other charges.

Provisional Sums

The estimated cost of specialized services to be carried out, or of special goods to be supplied, by other Service Providers should be indicated in the relevant part of the Activity Schedule as a particular provisional sum with an appropriate brief description. A separate procurement procedure is normally carried out by the Procuring Entity to select such specialized Service Providers. To provide an element of competition among the Tenderers in respect of any facilities, amenities, attendance, etc., to be provided by the successful Tenderer as prime Service Provider for the use and convenience of the specialist contractors, each related provisional sum should be followed by an item in the Activity Schedule inviting the Tenderer to quote a sum for such amenities, facilities, attendance, etc.

These Notes for Preparing an Activity Schedule are intended only as information for the Procuring Entity or the person drafting the tendering document. They should not be included in the final documents.

PERFORMANCE SPECIFICATIONS AND DRAWINGS

(Describe Out puts and Performances, rather than Inputs, wherever

possible) Notes on Specifications

A set of precise and clear specifications is a prerequisite for Tenderers to respond realistically and competitively to the requirements of the Procuring Entity without qualifying or conditioning their Tenders. In the context of international competitive Tendering, the specifications must be drafted to permit the widest possible competition and, at the same time, present a clear statement of the required standards of workmanship, materials, and performance of the goods and services to be procured. Only if this is done will the objectives of economy, efficiency, and fairness in procurement be realized, responsiveness of Tenders be ensured, and the subsequent task of Tender evaluation facilitated. The specifications should require that all goods and materials to be incorporated in the Services be new, unused, of the most recent or current models, and incorporate all recent improvements in design and materials unless provided otherwise in the Contract.

Samples of specifications from previous similar projects are useful in this respect. The use of metric units is encouraged. Most specifications are normally written specially by the Procuring Entity to suit the Contract in hand. There is no standard set of Specifications for universal application in all sectors, but there are established principles and practices, which are reflected in this document

There are considerable advantages in standardizing General Specifications for repetitive Services in recognized public sectors, such as education, health, sanitation, social and urban housing, roads, ports, railways, irrigation, and water supply, in the same country or region where similar conditions prevail. The General Specifications should cover all classes of workmanship, materials, and equipment commonly involved in the provision of Services, although not necessarily to be used in a particular Services Contract. Deletions or addenda should then adapt the General Specifications to the particular Services.

Care must be taken in drafting specifications to ensure that they are not restrictive. In the specification of standards for goods, materials, Services, and workmanship, recognized international standards should be used as much as possible. Where other particular standards are used, whether national standards of Kenya or other standards, the specifications should state that goods, materials, Services and workmanship that meet other authoritative standards, and which ensure substantially equal or higher quality than the standards mentioned, will also be acceptable.

If technical alternatives for parts of the Services are permitted in the tendering document, these parts shall be described in this Section.

These Notes for Preparing Specifications are intended only as information for the Procuring Entity or the person drafting the tendering document.

SECTION VIII - GENERAL CONDITIONS OF CONTRACT

1. General Provisions

1.1 Definitions

Unless the context otherwise requires, the following terms whenever used in this Contract have the following meanings:

- a) The Adjudicator is the person appointed jointly by the Procuring Entity and the Service Provider to resolve disputes in the first instance, as provided for in Sub-Clause 8.2 hereunder.
- b) "Activity Schedule" is the priced and completed list of items of Services to be performed by the Service Provider forming part of his Tender;
- d) "Completion Date" means the date of completion of the Services by the Service Provider as certified by the Procuring Entity
- e) "Contract" means the Contract signed by the Parties, to which these General Conditions of Contract (GCC) are attached, together with all the documents listed in Clause1of such signed Contract;
- f) "Contract Price" means the price to be paid for the performance of the Services, in accordance with Clause 6;
- g) "Day works" means varied work inputs subject to payment on a time basis for the Service Provider's employees and equipment, in addition to payments for associated materials and administration.
- h) "Procuring Entity" means the Procuring Entity or party who employs the Service Provider
- i) "Foreign Currency" means any currency other than the currency of Kenya;
- j) "GCC" means these General Conditions of Contract;
- k) "Government" means the Government of Kenya;
- l) "Local Currency" means Kenya shilling;
- m) "Member," in case the Service Provider consist of a joint venture of more than one entity, means any of these entities; "Members" means all these entities, and "Member in Charge" means the entity specified in the SC to act on their behalf in exercising all the Service Provider' rights and obligations towards the Procuring Entity under this Contract;
- n) "Party" means the Procuring Entity or the Service Provider, as the case may be, and "Parties" means both of them;
- o) "Personnel" means persons hired by the Service Provider or by any Subcontractor as employees and assigned to the performance of the Services or any part thereof;
- p) "Service Provider" is a person or corporate body whose Tender to provide the Services has been accepted by the Procuring Entity;
- q) "Service Provider's Tender" means the completed Tendering Document submitted by the Service Provider to the Procuring Entity
- r) "SCC" means the Special Conditions of Contract by which the GCC may be amended or supplemented;
- s) "Specifications" means the specifications of the service included in the Tendering Document submitted by the Service Provider to the Procuring Entity
- t) "Services" means the work to be performed by the Service Provider pursuant to this Contract, as described in Appendix A; and in the Specifications and Schedule of Activities included in the Service Provider's Tender.
- u) "Subcontractor" means any entity to which the Service Provider subcontracts any part of the Services in accordance with the provisions of Sub-Clauses 3.5 and 4;
- v) "Public Procurement Regulatory Authority (PPRA)" shall mean the Government Agency responsible for oversight of public procurement.
- w) "Project Manager" shall the person appointed by the Procuring Entity to act as the Project Manager for the purposes of the Contract and named in the Particular Conditions of Contract, or other person appointed from time to time by the Procuring Entity and notified to the Contractor.

x) "Notice of Dissatisfaction" means the notice given by either Party to the other indicating its dissatisfaction and intention to commence arbitration.

1.2 Applicable Law

The Contract shall be interpreted in accordance with the laws of Kenya.

1.3 Language

This Contract has been executed in the English language, which shall be the binding and controlling language for all matters relating to the meaning or interpretation of this Contract.

1.4 Notices

Any notice, request, or consent made pursuant to this Contract shall be in writing and shall be deemed to have been made when delivered in person to an authorized representative of the Party to whom the communication is addressed, or when sent by registered mail, hand delivery, or email to such Party at the address **specified in the SCC**.

1.5 Location

The Services shall be performed at such locations as are specified in Appendix A, in the specifications and, where the location of a particular task is not so specified, at such locations, whether in Kenya or elsewhere, as the Procuring Entity may approve.

1.6 Authorized Representatives

Any action required or permitted to be taken, and any document required or permitted to be executed, under this Contract by the Procuring Entity or the Service Provider may be taken or executed by the officials **specified in the SCC.**

1.7 Inspection and Audit by the PPRA

Pursuant to paragraph 2.2 e. of Attachment 1 to the General Conditions, the Service Provider shall permit and shall cause its subcontractors and sub-consultants to permit, PPRA and/or persons appointed by PPRA to inspect the Site and/or the accounts and records relating to the procurement process, selection and/or contract execution, and to have such accounts and records audited by auditors appointed by PPRA. The Service Provider's and its Subcontractors' and sub-consultants' attention is drawn to Sub-Clause 3.10 which provides, *inter alia*, that acts intended to materially impede the exercise of PPRA's inspection and audit rights constitute a prohibited practice subject to contract termination (as well as to a determination of ineligibility pursuant to PPRA's prevailing sanctions procedures).

1.8 Taxes and Duties

The Service Provider, Subcontractors, and their Personnel shall pay such taxes, duties, fees, and other impositions as may be levied under the Applicable Law, the amount of which is deemed to have been included in the Contract Price.

2. <u>Commencement, Completion, Modification, and Termination of Contract</u>

2.1 Effectiveness of Contract

This Contract shall come into effect on the date the Contract is signed by both parties or such other later date as may be **stated in the SCC.**

2.2 Commencement of Services

The Service Provider shall start carrying out the Services thirty (30) days after the date the Contract becomes effective, or at such other date as may be **specified in the SCC**.

2.3 Intended Completion Date

Unless terminated earlier pursuant to Sub-Clause 2.6, the Service Provider shall complete the activities by

the Intended Completion Date, as is **specified in the SCC.** If the Service Provider does not complete the activities by the Intended Completion Date, it shall be liable to pay liquidated damage as per Sub-Clause 3.8. In this case, the Completion Date will be the date of completion of all activities.

2.4 Modification

Modification of the terms and conditions of this Contract, including any modification of the scope of the Services or of the Contract Price, may only be made by written agreement between the Parties.

2.5 Value Engineering

2.5.1 The Service Provider may prepare, at its own cost, a value engineering proposal at any time during the performance of the contract. The value engineering proposal shall, at a minimum, include the following;

- a) The proposed change(s), and a description of the difference to the existing contract requirements;
- b) a full cost/benefit analysis of the proposed change(s) including a description and estimate of costs (including life cycle costs, if applicable) the Procuring Entity may incur in implementing the value engineering proposal; and
- c) a description of any effect(s) of the change on performance/functionality.

2.5.2 The Procuring Entity may accept the value engineering proposal if the proposal demonstrates benefits that:

- a) accelerates the delivery period; or
- b) reduces the Contract Price or the lifecycle costs to the Procuring Entity; or
- c) improves the quality, efficiency, safety or sustainability of the services; or
- d) yields any other benefits to the Procuring Entity, without compromising the necessary functions of the Facilities.

2.5.3 If the value engineering proposal is approved by the Procuring Entity and results in:

- a) a reduction of the Contract Price; the amount to be paid to the Service Provider shall be the percentage specified in the SCC of the reduction in the Contract Price; or
- an increase in the Contract Price; but results in a reduction in lifecycle costs due to any benefit described in
 (a) to (d) above, the amount to be paid to the Service Provider shall be the full increase in the Contract Price.

2.6 Force Majeure

2.6.1 Definition

For the purposes of this Contract, "Force Majeure" means an event which is beyond the reasonable control of a Party and which makes a Party's performance of its obligations under the Contract impossible or so impractical as to be considered impossible under the circumstances.

2.6.2 No Breach of Contract

The failure of a Party to fulfill any of its obligations under the contract shall not be considered to be a breach of, or default under, this Contract insofar as such inability arises from an event of Force Majeure, provided that the Party affected by such an event (a) has taken all reasonable precautions, due care and reasonable alternative Measures in order to carry out the terms and conditions of this Contract, and (b) has informed the other Party as soon as possible about the occurrence of such an event.

2.6.3 Extension of Time

Any period within which a Party shall, pursuant to this Contract, complete any action or task, shall be extended for a period equal to the time during which such Party was unable to perform such action as a result of Force Majeure.

2.6.5 Payments

During the period of their inability to perform the Services as a result of an event of Force Majeure, the Service Provider shall be entitled to continue to be paid under the terms of this Contract, as well as to be reimbursed for additional costs reasonably and necessarily incurred by them during such period for the purposes of the Services and in reactivating the Service after the end of such period.

2.7 Termination

2.7.1 By the Procuring Entity

The Procuring Entity may terminate this Contract, by not less than thirty (30) days' written notice of termination to the Service Provider, to be given after the occurrence of any of the events specified in paragraphs (a) through

(d) of this Sub-Clause 2.6.1:

- a) If the Service Provider does not remedy a failure in the performance of its obligations under the Contract, within thirty (30) days after being notified or within any further period as the Procuring Entity may have subsequently approved in writing;
- b) If the Service Provider become insolvent or bankrupt;
- c) if, as the result of Force Majeure, the Service Provider is unable to perform a material portion of the Services for a period of not less than sixty (60) days; or
- d) if the Service Provider, in the judgment of the Procuring Entity has engaged in Fraud and Corruption, as defined in paragraph 2.2 a. of Attachment 1 to the GCC, in competing for or in executing the Contract

2.7.2 By the Service Provider

The Service Provider may terminate this Contract, by not less than thirty (30) days' written notice to the Procuring Entity, such notice to be given after the occurrence of any of the events specified in paragraphs (a) and

(b) of this Sub-Clause 2.6.2:

- a) If the Procuring Entity fails to pay any monies due to the Service Provider pursuant to this Contract and not subject to dispute pursuant to Clause 7 within forty-five (45) days after receiving written notice from the Service Provider that such payment is overdue; or
- b) if, as the result of Force Majeure, the Service Provider is unable to perform a material portion of the Services for a period of not less than sixty (60) days.

2.7.3 Payment upon Termination

Upon termination of this Contract pursuant to Sub-Clauses 2.6.1 or 2.6.2, the Procuring Entity shall make the following payments to the Service Provider:

- a) remuneration pursuant to Clause 6 for Services satisfactorily performed prior to the effective date of termination;
- b) except in the case of termination pursuant to paragraphs (a), (b), (d) of Sub-Clause 2.6.1, reimbursement of any reasonable cost incident to the prompt and orderly termination of the Contract, including the cost of the return travel of the Personnel.

3. Obligations of the Service Provider

3.1 General

The Service Provider shall perform the Services in accordance with the Specifications and the Activity Schedule, and carry out its obligations with all due diligence, efficiency, and economy, in accordance with generally accepted professional techniques and practices, and shall observe sound management practices, and employ appropriate advanced technology and safe methods. The Service Provider shall always act, in respect of any matter relating to this Contractor to the Services, as faithful adviser to the Procuring Entity, and shall at all times support and safeguard the Procuring Entity's legitimate interests in any dealings with Subcontractors or third parties.

3.2 Conflict of Interests

3.2.1 Service Provider Not to Benefit from Commissions and Discounts.

The remuneration of the Service Provider pursuant to Clause 6 shall constitute the Service Provider's sole remuneration in connection with this Contract or the Services, and the Service Provider shall not accept for their own benefit any trade commission, discount, or similar payment in connection with activities pursuant to this Contract or to the Services or in the discharge of their obligations under the Contract, and the Service Provider shall use their best efforts to ensure that the Personnel, any Subcontractors, and agents of either of them similarly shall not receive any such additional remuneration.

3.2.2 Service Provider and Affiliates Not to be Otherwise Interested in Project

The Service Provider agree that, during the term of this Contract and after its termination, the Service Provider and its affiliates, as well as any Subcontractor and any of its affiliates, shall be disqualified from providing goods, works, or Services (other than the Services and any continuation thereof) for any project resulting from or closely related to the Services.

3.2.3 Prohibition of Conflicting Activities

Neither the Service Provider nor its Subcontractors nor the Personnel shall engage, either directly or indirectly, in any of the following activities:

- a) During the term of this Contract, any business or professional activities in Kenya which would conflict with the activities assigned to them under this Contract;
- b) during the term of this Contract, neither the Service Provider nor their Subcontractors shall hire public employees in active duty or on any type of leave, to perform any activity under this Contract;
- c) after the termination of this Contract, such other activities as may be **specified in the SCC.**

3.3 Confidentiality

The Service Provider, its Subcontractors, and the Personnel of either of them shall not, either during the term or within two (2) years after the expiration of this Contract, disclose any proprietary or confidential information relating to the Project, the Services, this Contract, or the Procuring Entity's business or operations without the prior written consent of the Procuring Entity.

3.4 The Service Provider (a) shall take out and maintain, and shall cause any Subcontractors to take out and maintain, at its (or the Subcontractors', as the case may be) own cost but on terms and conditions approved by the Procuring Entity, insurance against the risks, and for the coverage, as shall be **specified in the SCC;** and (b) at the Procuring Entity's request, shall provide evidence to the Procuring Entity showing that such insurance has been taken out and maintained and that the current premiums have been paid.

3.5 Service Provider's Actions Requiring Procuring Entity's Prior Approval

The Service Provider shall obtain the Procuring Entity's prior approval in writing before taking any of the following actions:

- a) enteringintoasubcontractfortheperformanceofanypartoftheServices,
- b) appointing such members of the Personnel not listed by name in Appendix C ("Key Personnel and Subcontractors"),
- c) changing the Program of activities; and
- d) any other action that may be **specified in the SCC.**

3.6 Reporting Obligations

The Service Provider shall submit to the Procuring Entity the reports and documents specified in Appendix Bin the form, in the numbers, and within the periods set forth in the said Appendix.

3.7 Documents Prepared by the Service Provider to Be the Property of the Procuring Entity

All plans, drawings, specifications, designs, reports, and other documents and software submitted by the Service Provider in accordance with Sub-Clause 3.6 shall become and remain the property of the Procuring Entity, and the Service Provider shall, not later than upon termination or expiration of this Contract, deliver all such documents and software to the Procuring Entity, together with a detailed inventory thereof. The Service Provider may retain a copy of such documents and software. Restrictions about the future use of these documents, if any, shall be **specified in the SCC.**

3.8 Liquidated Damages

3.8.1 Payments of Liquidated Damages

The Service Provider shall pay liquidated damages to the Procuring Entity at the rate per day **stated in the SCC** for each day that the Completion Date is later than the Intended Completion Date. The total amount of liquidated damages shall not exceed the amount **defined in the SCC**. The Procuring Entity may deduct liquidated damages from payments due to the Service Provider. Payment of liquidated damages shall not affect the Service Provider's liabilities.

3.8.2 Correction for Over-payment

If the Intended Completion Date is extended after liquidated damages have been paid, the Procuring Entity shall correct any overpayment of liquidated damages by the Service Provider by adjusting the next payment certificate. The Service Provider shall be paid interest on the overpayment, calculated from the date of payment to the date of repayment, at the rates specified in Sub-Clause 6.5.

3.8.3 Lack of performance penalty

If the Service Provider has not corrected a Defect within the time specified in the Procuring Entity's notice, a penalty for Lack of performance will be paid by the Service Provider. The amount to be paid will be calculated as a percentage of the cost of having the Defect corrected, assessed as described in Sub-Clause 7.2 and **specified in the SCC.**

3.9 Performance Security

The Service Provider shall provide the Performance Security to the Procuring Entity no later than the date specified in the Form of acceptance. The Performance Security shall be issued in an amount and form and by a bank or surety acceptable to the Procuring Entity, and denominated in the types and proportions of the currencies in which the Contract Price is payable. The performance Security shall be valid until a date 28 day from the Completion Date of the Contract in case of a bank guarantee, and until one year from the Completion Date of the Contract in the case of a Performance Bond.

3.10 Fraud and Corruption

The Procuring Entity requires compliance with the Government's Anti-Corruption laws and its prevailing sanctions. The Procuring Entity requires the Service Provider to disclose any commissions or fees that may have been paid or are to be paid to agents or any other party with respect to the tendering process or execution of the Contract. The information disclosed must include at least the name and address of the agent or other party, the amount and currency, and the purpose of the commission, gratuity or fee.

3.11 Sustainable Procurement

The Service Provider shall conform to the sustainable procurement contractual provisions, if and as specified in the **SCC**.

4. Service Provider's Personnel

4.1 Description of Personnel

The titles, agreed job descriptions, minimum qualifications, and estimated periods of engagement in the carrying out of the Services of the Service Provider's Key Personnel are described in Appendix C. The Key Personnel and Subcontractors listed by title as well as by name in Appendix C are hereby approved by the Procuring Entity.

4.2 Removal and/or Replacement of Personnel

- a) Except as the Procuring Entity may otherwise agree, no changes shall be made in the Key Personnel. If, for any reason beyond the reasonable control of the Service Provider, it becomes necessary to replace any of the Key Personnel, the Service Provider shall provide as a replacement a person of equivalent or better qualifications.
- b) If the Procuring Entity finds that any of the Personnel have (i) committed serious misconduct or have been charged with having committed a criminal action, or (ii) have reasonable cause to be dissatisfied with the performance of any of the Personnel, then the Service Provider shall, at the Procuring Entity's written request specifying the grounds thereof, provide as a replacement a person with qualifications and experience acceptable to the Procuring Entity.
- c) The Service Provider shall have no claim for additional costs arising out of or incidental to any removal and/or replacement of Personnel.

5. Obligations of the Procuring Entity

5.1 Assistance and Exemptions

The Procuring Entity shall use its best efforts to ensure that the Government shall provide the Service Provider such assistance and exemptions as **specified in the SCC.**

5.2 Change in the Applicable Law

If, after the date of this Contract, there is any change in the Applicable Law with respect to taxes and duties which increases or decreases the cost of the Services rendered by the Service Provider, then the remuneration and reimbursable expenses otherwise payable to the Service Provider under this Contract shall be increased or decreased accordingly by agreement between the Parties, and corresponding adjustments shall be made to the amounts referred to in Sub-Clauses 6.2 (a) or (b), as the case may be.

5.3 Services and Facilities

The Procuring Entity shall make available to the Service Provider the Services and Facilities listed under Appendix F.

6. Payments to the Service Provider

6.1 Lump-Sum Remuneration

6.1.1 The Service Provider's remuneration shall not exceed the Contract Price and shall be a fixed lump-sum including all Subcontractors' costs, and all other costs incurred by the Service Provider in carrying out the Services described in Appendix A. Except as provided in Sub-Clause 5.2, the Contract Price may only be increased above the amounts stated in Sub-Clause 6.2 if the Parties have agreed to additional payments in accordance with Sub-Clauses 2.4 and 6.3.

6.1.2 Where the contract price is different from the corrected tender price, in order to ensure the contract or is not paid less or more relative to the contract price (*which would be the tender price*), any part payment valuation and variation orders on omissions and additions valued based on rates in the schedule of rates in the Tender, will be adjusted by a <u>plus or minus</u> percentage. The percentage already worked out during tender evaluation is worked out as follows: (*corrected tender price-tender price*)/tenderpriceX100.

6.2 Contract Price

- a) The price payable is set forth in the SCC.
- b) No price will be payable in foreign currency.

6.3 Payment for Additional Services, and Performance Incentive Compensation

- 6.3.1 For the purpose of determining the remuneration due for additional Services as may be agreed under Sub-Clause 2.4, a breakdown of the lump-sum price is provided in Appendices D and E.
- **6.3.2 If the SCC so specify,** the service provider shall be paid performance incentive compensation as set out in the Performance Incentive Compensation appendix.

6.4 Terms and Conditions of Payment

Payments will be made to the Service Provider according to the payment schedule **stated in the SCC**. **Unless otherwise stated in the SCC**, the advance payment (Advance for Mobilization, Materials and Supplies) shall be made against the provision by the Service Provider of a bank guarantee for the same amount, and shall be valid for the period **stated in the SCC**. Any other payment shall be made after the conditions **listed in the SCC** for such payment have been met, and the Service Provider have submitted an invoice to the Procuring Entity specifying the amount due.

6.5 Interest on Delayed Payments

If the Procuring Entity has delayed payments beyond thirty (30) days after the due date stated in the **SCC**, interest shall be paid to the Service Provider for each day of delay at the rate stated in **the SCC**.

6.6 Price Adjustment

6.6.1 Prices shall be adjusted for fluctuations in the cost of inputs only if **provided for in the SCC.** If so provided, the amounts certified in each payment certificate, after deducting for Advance Payment, shall be adjusted by applying the respective price adjustment factor to the payment amounts due in each currency. A separate formula of the type indicated below applies to each Contract currency:

$P_c = A_c + B_c Lmc/Loc + C_c Imc/Ioc$

Where:

P_c is the adjustment factor for the portion of the Contract Price payable in a specific currency "c".

 A_c , B_c and C_c are coefficients specified in the **SCC**, representing: A_c the non-adjustable portion; B_c the adjustable portion relative to labor costs and C_c the adjustable portion for other inputs, of the Contract Price payable in that specific currency "c"; and

Lmc is the index prevailing at the first day of the month of the corresponding invoice date and Loc is the index prevailing 28 days before Tender opening for labor; both in the specific currency "c".

Imc is the index prevailing at the first day of the month of the corresponding invoice date and Ioc is the index prevailing 28 days before Tender opening for other inputs payable; both in the specific currency "c".

If a price adjustment factor is applied to payments made in a currency other than the currency of the source of the index for a particular indexed input, a correction factor Zo/Zn will be applied to the respective component factor of pn for the formula of the relevant currency. Zo is the number of units of Kenya Shillings of the index, equivalent to one unit of the currency payment on the date of the base index, and Zn is the corresponding number of such currency units on the date of the current index.

6.6.2 If the value of the index is changed after it has been used in a calculation, the calculation shall be corrected and an adjustment made in the next payment certificate. The index value shall be deemed to take account of all changes in cost due to fluctuations in costs.

6.7 Day works

- 6.7.1 If applicable, the Day work rates in the Service Provider's Tender shall be used for small additional amounts of Services only when the Procuring Entity has given written instructions in advance for additional services to be paid in that way.
- 6.7.2 All work to be paid for as Dayworks shall be recorded by the Service Provider on forms approved by the Procuring Entity. Each completed form shall be verified and signed by the Procuring Entity representative as indicated in Sub-Clause 1.6 within two days of the Services being performed.
- 6.7.3 The Service Provider shall be paid for Dayworks subject to obtaining signed Dayworks forms as indicated in Sub-Clause 6.7.2

7. Quality Control

7.1 Identifying Defects

The principle and modalities of Inspection of the Services by the Procuring Entity shall be as **indicated in the SCC.** The Procuring Entity shall check the Service Provider's performance and notify him of any Defects that are found. Such checking shall not affect the Service Provider's responsibilities. The Procuring Entity may instruct the Service Provider to search for a Defect and to uncover and test any service that the Procuring Entity considers may have a Defect. Defect Liability Period is as **defined in the SCC**.

7.2 Correction of Defects, and Lack of Performance Penalty

a) The Procuring Entity shall give notice to the Service Provider of any Defects before the end of the Contract. The Defects liability period shall be extended for as long as Defects remain to be corrected.

b) Every time notice a Defect is given, the Service Provider shall correct the notified Defect within the length of time specified by the Procuring Entity's notice.

c) If the Service Provider has not corrected a Defect within the time specified in the Procuring Entity's notice, the Procuring Entity will assess the cost of having the Defect corrected, the Service Provider will pay this amount, and a Penalty for Lack of Performance calculated as described in Sub-Clause 3.8.

8. <u>Settlement of Disputes</u>

8.1 Contractor's Claims

- 8.1.1If the Contractor considers himself to be entitled to any extension of the Time for Completion and/or any additional payment, under any Clause of these Conditions or otherwise in connection with the Contract, the Contractor shall give notice to the Project Manager, describing the event or circumstance giving rise to the claim. The notice shall be given as soon as practicable, and not later than 28 days after the Contractor became aware, or should have become aware, of the event or circumstance.
- 8.1.2If the Contractor fails to give notice of a claim within such period of 28 days, the Time for Completion shall not be extended, the Contractor shall not be entitled to additional payment, and the Procuring Entity shall be discharged from all liability in connection with the claim. Otherwise, the following provisions of this Sub-Clause shall apply.
- 8.1.3The Contractor shall also submit any other notices which are required by the Contract, and supporting particulars for the claim, all as relevant to such event or circumstance.
- 8.1.4 The Contractor shall keep such contemporary records as may be necessary to substantiate any claim, either on the Site or at another location acceptable to the Project Manager. Without admitting the Procuring Entity's liability, the Project Manager may, after receiving any notice under this Sub-Clause, monitor the record-keeping and/or instruct the Contract or to keep further contemporary records. The Contractor shall permit the Project Manager to inspect all these records, and shall (if instructed) submit copies to the Project Manager.
- 8.1.5 Within 42 days after the Contractor became aware (or should have become aware) of the event or circumstance giving rise to the claim, or within such other period as may be proposed by the Contractor and approved by the Project Manager, the Contractor shall send to the Project Manager a fully detailed claim which includes full Supporting particulars of the basis of the claim and of the extension of time and/or additional payment claimed. If the event or circumstance giving rise to the claim has a continuing effect:
 - a) This fully detailed claim shall be considered as interim;
 - b) The Contractor shall send further interim claims at monthly intervals, giving the accumulated delay and/or amount claimed, and such further particulars as the Project Manager may reasonably require; and
 - c) The Contractor shall send a final claim within 28 days after the end of the effects resulting from the event or circumstance, or within such other period as may be proposed by the Contractor and approved by the Project Manager.
- 8.1.6 Within 42 days after receiving a claim or any further particulars supporting a previous claim, or within such other period as may be proposed by the Project Manager and approved by the Contractor, the Project Manager shall respond with approval, or with disapproval and detailed comments. He may also request any necessary further particulars, but shall never the less give his response on the principles of the claim with in the above defined time period.
- 8.1.7 Within the above defined period of 42 days, the Project Manager shall proceed in accordance with Sub-Clause 3.5 [Determinations] to agree or determine (i) the extension (if any) of the Time for Completion (before or after its expiry) in accordance with Sub-Clause 8.4 [Extension of Time for Completion], and/or (ii) the additional payment (if any) to which the Contractor is entitled under the Contract.
- 8.1.8 Each Payment Certificate shall include such additional payment for any claim as has been reasonably substantiated as due under the relevant provision of the Contract. Unless and until the particulars supplied are sufficient to substantiate the whole of the claim, the Contractor shall only be entitled to payment for such part of the claim as he has been able to substantiate.
- 8.1.9 If the Project Manager does not respond within the time frame defined in this Clause, either Party may consider that the claim is rejected by the Project Manager and any of the Parties may refer to Arbitration in accordance with Sub-Clause 8.2 [Matters that may be referred to arbitration].
- 8.1.10 The requirements of this Sub-Clause are in addition to those of any other Sub-Clause which may apply to a claim. If the Contractor fails to comply with this or another Sub-Clause in relation to any claim, any extension of time and/or additional payment shall take account of the extent (if any) to which the failure has prevented or prejudiced proper investigation of the claim, unless the claim is excluded under the second paragraph of this Sub-Clause.

8.2 Matters that may be referred to arbitration

8.2.1 Notwithstanding anything stated herein the following matters may be referred to arbitration before the 84

practical completion of the Services or abandonment of the Services or termination of the Contract by either party:

- a) The appointment of a replacement Project Manager upon the said person ceasing to act.
- b) Whether or not the issue of an instruction by the Project Manager is empowered by these Conditions.
- c) Whether or not a certificate has been improperly withheld or is not in accordance with these Conditions.
- e) Any dispute arising in respect of war risks or war damage.
- f) All other matters shall only be referred to arbitration after the completion or alleged completion of the Services or termination or alleged termination of the Contract, unless the Procuring Entity and the Contractor agree otherwise in writing.

8.3 Amicable Settlement

Where a Notice of Dissatisfaction has been given, both Parties shall attempt to settle the dispute amicably before the commencement of arbitration. However, unless both Parties agree otherwise, the Party giving a Notice of Dissatisfaction in accordance with Sub-Clause 8.1 above should move to commence arbitration after the fifty- sixth day from the day on which a Notice of Dissatisfaction was given, even if no attempt at an amicable settlement has been made.

8.4 Arbitration

- 8.4.1 Any claim or dispute between the Parties arising out of or in connection with the Contract not settled amicably in accordance with Sub-Clause 8.3 shall be finally settled by arbitration. Arbitration shall be conducted in accordance with the Arbitration Laws of Kenya.
 - 8.4.2The arbitrators shall have full power to open up, review and revise any certificate, determination, instruction, opinion or valuation of the Project Manager, relevant to the dispute. Nothing shall disqualify representatives of the Parties and the Project Manager from being called as a witness and giving evidence before the arbitrators on any matter whatsoever relevant to the dispute.
 - 8.4.3Party shall be limited in the proceedings before the arbitrators to the evidence, or to the reasons for dissatisfaction given in its Notice of Dissatisfaction.
 - 8.4.5 Arbitration may be commenced prior to or after completion of the services. The obligations of the Parties, and the Project Manager shall not be altered by reason of any arbitration being conducted during the progress of the services.
 - 8.4.6The terms of the remuneration of each or all the members of Arbitration shall be mutually agreed upon by the Parties when agreeing the terms of appointment. Each Party shall be responsible for paying one-half of this remuneration.

8.5 Arbitration with proceedings

- 8.5.1 In case of any claim or dispute, such claim or dispute shall be notified in writing by either party to the other with a request to submit it to arbitration and to concur in the appointment of an Arbitrator within thirty days of the notice. The dispute shall be referred to the arbitration and final decision of a person to be agreed between the parties. Failing agreement to concur in the appointment of an Arbitrator, the Arbitrator shall be appointed, on the request of the applying party, by the Chairman or Vice Chairman of any of the following professional institutions;
 - i) Law Society of Kenya orii) Chartered Institute of Arbitrators (Kenya Branch)
- 8.5.2The institution written to first by the aggrieved party shall take precedence overall other institutions.
- 8.5.3 The arbitration may be on the construction of this Contract or on any matter or thing of whatsoever nature arising there under or in connection there with, including any matter or thing left by this Contract to the discretion of the Project Manager, or the withholding by the Project Manager of any certificate to which the Contractor may claim to be entitled to or the measurement and valuation referred to in clause 23.0 of these conditions, or the rights and liabilities of the parties subsequent to the termination of Contract.
- 8.5.4Provided that no arbitration proceedings shall be commenced on any claim or dispute where notice of a claim or dispute has not been given by the applying party within ninety days of the occurrence or discovery

of the matter or issue giving rise to the dispute.

- 8.5.5Notwithstanding the issue of a notice as stated above, the arbitration of such a claim or dispute shall not commence unless an attempt has in the first instance been made by the parties to settle such claim or dispute amicably with or without the assistance of third parties. Proof of such attempt shall be required.
- 8.5.6The Arbitrator shall, without prejudice to the generality of his powers, have powers to direct such measurements, computations, tests or valuations as may in his opinion be desirable in order to determine the rights of the parties and assess and award any sums which ought to have been the subject of or included in any certificate.
- 8.5.7The Arbitrator shall, without prejudice to the generality of his powers, have powers to open up, review and revise any certificate, opinion, decision, requirement or notice and to determine all matters in dispute which shall be submitted to him in the same manner as if no such certificate, opinion, decision requirement or notice had been given.
- 8.5.8The award of such Arbitrator shall be final and binding upon the parties.

8.6 Failure to Comply with Arbitrator's Decision

8.6.1 In the event that a Party fails to comply with a final and binding Arbitrator's decision, then the other Party may, without prejudice to any other rights it may have, refer the matter to a competent court of law.

9. The Adjudicator

- 9.1. Should the Adjudicator resign or die, or should the Procuring Entity and the Service Provider agree that the Adjudicator is not functioning in accordance with the provisions of the Contract, a new Adjudicator will be jointly appointed by the Procuring Entity and the Service Provider. In case of disagreement between the Procuring Entity and the Service Provider, within 30 days, the Adjudicator shall be designated by the Appointing Authority **designated in the SCC** at the request of either party, within 14 days of receipt of such request.
- 9.2 The Adjudicator shall be paid by the hour at the rate **specified in the TDS and SCC**, together with reimbursable expenses of the types **specified in the SCC**, and the cost shall be divided equally between the Procuring Entity and the Service Provider, whatever decision is reached by the Adjudicator. Either party may refer a decision of the Adjudicator to an Arbitrator within 28 days of the Adjudicator's written decision. If neither party refers the dispute to arbitration within the above 28 days, the Adjudicator's decision will be final and binding.

SECTION IX - SPECIAL CONDITIONS OF CONTRACT

The following Special Conditions of Contract (SCC) shall supplement or amend the General Conditions of Contract (GCC). Whenever there is a conflict, the provisions of the SCC shall prevail over those in the General Conditions of Contract. For the purposes of clarity, any referenced GCC clause numbers are indicated in the left column of the SCC.

Number of GC Clause	Amendments of, and Supplements to, Clauses in the General Conditions of Contract				
1.1(a)	The Adjudicator is				
1.1(w)	Project Manager is				
1.1(e)	The contract name is				
1.1(h)	The Procuring Entity is				
1.1(m)	The Member in Charge is				
1.1(p)	The Service Provider is				
1.4	The addresses are:				
	Procuring Entity:				
	Attention:				
	Telex:				
	Service Provider:				
	Attention:				
	Email address				
1.6	The Authorized Representatives are:				
For the Procuring Entity:					
	For the Service Provider:				
2.1	The date on which this Contract shall come into effect is				
2.2.2	The Starting Date for the commencement of Services is				
2.3	The Intended Completion Date is				
2.5.3	If the value engineering proposal is approved by the Procuring Entity the amount to be paid to the Service Provider shall be% (insert appropriate percentage. The percentage is normally up to 50%) of the reduction in the Contract Price.				
3.2.3	Activities prohibited after termination of this Contract are:				
3.4	The risks and coverage by insurance shall be:				
	(i) Third Party motor vehicle				
	(ii) Third Party liability				
	(iii) Procuring Entity's liability and workers' compensation				
	(iv) Loss or damage to equipment and property				
3.5(d)	The other actions are]				
3.7	Restrictions on the use of documents prepared by the Service Provider are:				

Number of GC Clause	Amendments of, and Supplements to, Clauses in the General Conditions of Contract			
3.8.1	The liquidated damages rate is per day			
	The maximum amount of liquidated damages for the whole contract is percent of the final Contract Price.			
3.8.3	The percentage to be used for the calculation of Lack of performance Penalty(ies) is			
5.1	The assistance and exemptions provided to the Service Provider are:			
6.2(a)	The amount in Kenya Shillings			
6.3.2	The performance incentive paid to the Service Provider shall be:			
6.4	Payments shall be made according to the following schedule:			
	• Advance for Mobilization, Materials and Supplies: percent of the Contract Price shall be paid on the commencement date against the submission of a bank guarantee for the same.			
	• Progress payments in accordance with the milestones established as follows, subject to certification by the Procuring Entity, that the Services have been rendered satisfactorily, pursuant to the performance indicators:			
	(indicate milestone and/or percentage)			
	(indicate milestone and/or percentage) and			
	(indicate milestone and/or percentage)			
	Should the certification not be provided, or refused in writing by the Procuring Entity within one month of the date of the milestone, or of the date of receipt of the corresponding invoice, the certification will be deemed to have been provided, and the progress payment will be released at such date.			
	• The amortization of the Advance mentioned above shall commence when the progress payments have reached 25% of the contract price and be completed when the progress payments have reached 75%.			
	• The bank guarantee for the advance payment shall be released when the advance payment has been fully amortized.			
6.5	Payment shall be made within days of receipt of the invoice and the relevant documents specified in Sub-Clause 6.4, and within days in the case of the final payment.			
	The interest rate is			
6.6.1	Price adjustment is in accordance with Sub-Clause 6.6.			
	The coefficients for adjustment of prices are:			
	(a) For local currency:			
	A _L is			
	B _L is			
	C _L is			
	L _{mc} and L _{oc} are the index for Labor from			
	I _{mc} and I _{oc} are the index for from			
	(b) For foreign currency			

Number of GC Clause	Amendments of, and Supplements to, Clauses in the General Conditions of Contract
	A _F is B _F is
	C _F is
	L _{mc} and L _{oc} are the index for Labor from
	I _{mc} and I _{oc} are the index for from
7.1	The principle and modalities of inspection of the Services by the Procuring Entity are as follows:
	The Defects Liability Period is
9.1	The designated Appointing Authority for a new Adjudicator is
9.2	The Adjudicator is Who will be paid a rate of per hour of work. The following reimbursable expenses are recognized:

Appendices

Appendix A - Description of the Services

Give detailed descriptions of the Services to be provided, dates for completion of various tasks, place of performance for different tasks, specific tasks to be approved by Procuring Entity, etc.

Appendix B - Schedule of Payments and Reporting Requirements

List all milestones for payments and list the format, frequency, and contents of reports or products to be delivered; persons to receive them; dates of submission; etc. If no reports are to be submitted, state here "Not applicable."

Appendix C - Subcontractors

List under: C-1 List of approved Subcontractors (if already available); same information with respect to their Personnel as in C-1.

Appendix D – Breakdown of Contract Price List here the elements of cost used to

arrive at the breakdown of the lump-sum price. This appendix will exclusively be used for determining remuneration for additional Services.

Appendix E - Services and Facilities Provided by the Procuring Entity

Section X - Contract Forms

Table of Forms

- 1. PERFORMANCE SECURITY OPTION 1– (Unconditional Demand Bank Guarantee)
- 2 PERFORMANCE SECURITY OPTION 2– (Performance Bond)
- 3. ADVANCE PAYMENT SECURITY [Demand Bank Guarantee]
- 4. BENEFICIAL OWNERSHIP DISCLOSURE FORM

FORM NO. 1 - PERFORMANCE SECURITY - (Unconditional Demand Bank Guarantee)

[Guarantor letterhead or SWIFT identifier code]

Beneficiary: _____[insert name and Address of Procuring

Entity] Date:_____[Insert date of issue]

PERFORMANCE GUARANTEE No.:

Guarantor: [Insert name and address of place of issue, unless indicated in the letterhead]

- 2. Furthermore, we understand that, according to the conditions of the Contract, a performance guarantee is required.
- 3. At the request of the Applicant, we as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of _____(),¹ such sum being payable in the types and proportions of currencies in which the Contract Price is payable, upon receipt by us of the Beneficiary's complying demand supported by the Beneficiary's statement, whether in the demand itself or in a separate signed document accompanying or identifying the demand, stating that the Applicant is in breach of its obligation(s) under the Contract, without the Beneficiary needing to prove or to show grounds for your demand or the sum specified therein.
- 4. This guarantee shall expire, no later than the......Day of......2, and any demand for payment under it must be received by us at this office indicated above on or before that date.
- 5. The Guarantor agrees to a one-time extension of this guarantee for a period not to exceed [six months] [one year], in response to the Beneficiary's written request for such extension, such request to be presented to the Guarantor before the expiry of the guarantee."

[Name of Authorized Official, signature(s) and seals/stamps]

Note: All italicized text (including footnotes) is for use in preparing this form and shall be deleted from the final product.

FORM No. 2 - PERFORMANCE SECURITY OPTION 2 - (Performance Bond)

[Note: Procuring Entities are advised to use Performance Security – Unconditional Demand Bank Guarantee instead of Performance Bond due to difficulties involved in calling Bond holder to action]

[Guarantor letterhead or SWIFT identifier code]

Beneficiary:	[insert name and Address of Procuring
Entity/ Date:	[Insert date of issue]

PERFORMANCE BOND No.:

Guarantor: [Insert name and address of place of issue, unless indicated in the letterhead]

- 1. By this Bond Principal (hereinafter called "the as Contractor") and _] as Surety (hereinafter called "the Surety"), are held and firmly bound unto as 1 Obligee (herein after called "the Procuring Entity") in the amount of for the payment of which sum well and truly to be made in the types and proportions of currencies in which the Contract Price is payable, the Contractor and the Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.
- 2. WHEREAS the Contractor has entered into a written Agreement with the Procuring Entity dated the ______Day of ______, 20, for ______in accordance with the documents, plans, specifications, and amendments thereto, which to the extent herein provided for, are by reference made part hereof and are herein after referred to as the Contract.
- 3. NOW, THEREFORE, the Condition of this Obligation is such that, if the Contractor shall promptly and faithfully perform the said Contract (including any amendments thereto), then this obligation shall be null and void; otherwise, it shall remain in full force and effect. Whenever the Contractor shall be, and declared by the Procuring Entity to be, in default under the Contract, the Procuring Entity having performed the Procuring Entity's obligations thereunder, the Surety may promptly remedy the default, or shall promptly:
 - 1) Complete the Contract in accordance with its terms and conditions; or
 - 2) Obtain a tender or tenders from qualified tenderers for submission to the Procuring Entity for completing the Contract in accordance with its terms and conditions, and upon determination by the Procuring Entity and the Surety of the lowest responsive Tenderers, arrange for a Contract between such Tenderer, and Procuring Entity and make available as work progresses (even though there should be a default or a succession of defaults under the Contract or Contracts of completion arranged under this paragraph) sufficient funds to pay the cost of completion less the Balance of the Contract Price; but not exceeding, including other costs and damages for which the Surety may be liable hereunder, the amount set forth in the first paragraph hereof. The term "Balance of the Contract Price," as used in this paragraph, shall mean the total amount payable by Procuring Entity to Contractor under the Contract, less the amount properly paid by Procuring Entity to Contractor; or
 - 3) Pay the Procuring Entity the amount required by Procuring Entity to complete the Contract in accordance with its terms and conditions up to a total not exceeding the amount of this Bond.
- 4. The Surety shall not be liable for a greater sum than the specified penalty of this Bond.
- 5. Any suit under this Bond must be instituted before the expiration of one year from the date of the issuing of the Taking-Over Certificate. No right of action shall accrue on this Bond to or for the use of any person or corporation other than the Procuring Entity named herein or the heirs, executors, administrators, successors, and assigns of the Procuring Entity.

б.	In testimony when	reof, the Contractor	has hereunto	set his hand a	and affixed his	seal, and the Su	rety has caused
	these presents to	be sealed with his	corporate seal	duly attested	d by the signa	ture of his legal	representative,
	this day	of		_20			

SIGNED ON	on behalf of
By	in the capacity
of In the presence of	SIGNED ON
	on behalf of
By	in the capacity of
In the presence of	

FORM NO. 3 - ADVANCE PAYMENT SECURITY [Demand Bank Guarantee]

[Guarantor letterhead or SWIFT identifier

code] [Guarantor letterhead or SWIFT

identifier code]

 Beneficiary:
 [Insert name and Address of Procuring

 Entity/ Date:
 [Insert date of issue]

ADVANCE PAYMENT GUARANTEE No.: [Insert guarantee reference number]

Guarantor: [Insert name and address of place of issue, unless indicated in the letterhead]

- 2. Furthermore, we understand that, according to the conditions of the Contract, an advance payment in the sum _____() is to be made against an advance payment guarantee.
- 3. At the request of the Applicant, we as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of _____()^t upon receipt by us of the Beneficiary's complying demand supported by the Beneficiary's statement, whether in the demand itself or in a separate signed document accompanying or identifying the demand, stating either that the Applicant:
 - a) Has used the advance payment for purposes other than the costs of mobilization in respect of the Works; or
 - b) Has failed to repay the advance payment in accordance with the Contract conditions, specifying the amount which the Applicant has failed to repay.
- 4. A demand under this guarantee may be presented as from the presentation to the Guarantor of a certificate from the Beneficiary's bank stating that the advance payment referred to above has been credited to the Applicant on its account number______at__.
- 5. The maximum amount of this guarantee shall be progressively reduced by the amount of the advance payment repaid by the Applicant as specified in copies of interim statements or payment certificates which shall be presented to us. This guarantee shall expire, at the latest, upon our receipt of a copy of the interim payment certificate indicating that ninety (90) percent of the Accepted Contract Amount, less provisional sums, has been certified for payment, or on the day of, 2,² whichever is earlier. Consequently, any demand for payment under this guarantee must be received by us at this office on or before that date.
- 6. The Guarantor agrees to a one-time extension of this guarantee for a period not to exceed [six months] [one year], in response to the Beneficiary's written request for such extension, such request to be presented to the Guarantor before the expiry of the guarantee.

[Name of Authorized Official, signature(s) and seals/stamps]

Note: All italicized text (including footnotes) is for use in preparing this form and shall be deleted from the final product.

¹*The Guarantor shall insert an amount representing the amount of the advance payment and denominated either in the currency (ies) of the advance payment as specified in the Contract, or in a freely convertible currency acceptable to the Procuring Entity.*

²Insert the expected expiration date of the Time for Completion. The Procuring Entity should note that in the event of an extension of the time for completion of the Contract, the Procuring Entity would need to request an extension of this guarantee from the Guarantor. Such request must be in writing and must be made prior to the expiration date established in the guarantee. In preparing this guarantee, the Procuring Entity might consider adding the following text to the form, at the end of the penultimate paragraph: "The Guarantor agrees to a one-time extension of this guarantee for a period not to exceed [six months] [one year], in response to the Beneficiary's written request for such extension, such request to be presented to the Guarantor before the expiry of the guarantee."

FORM NO. 4 BENEFICIAL OWNERSHIP DISCLOSURE FORM

(Amended and issued pursuant to PPRA CIRCULAR No. 02/2022)

INSTRUCTIONS TO TENDERERS: DELETE THIS BOX ONCE YOU HAVE COMPLETED THE FORM

This Beneficial Ownership Disclosure Form ("Form") is to be completed by the successful tenderer pursuant to Regulation 13 (2A) and 13 (6) of the Companies (Beneficial Ownership Information) Regulations, 2020. In case of joint venture, the tenderer must submit a separate Form for each member. The beneficial ownership information to be submitted in this Form shall be current as of the date of its submission.

For the purposes of this Form, a Beneficial Owner of a Tenderer is any natural person who ultimately owns or controls the legal person (tenderer) or arrangements or a natural person on whose behalf a transaction is conducted, and includes those persons who exercise ultimate effective control over a legal person (Tenderer) or arrangement.

Tender Reference No.:		[insert identification	
no] Name of the Tender Title	/Description:	_[insert name of the	
assignment] to:	[insert complete name of Procuring E	ntity]	

In response to the requirement in your notification of award dated *[insert date of notification of award]* to furnish additional information on beneficial ownership: *[select one option as applicable and delete the options that are not applicable]*

I) We here by provide the following beneficial ownership information.

Details of beneficial ownership

	Details of all Beneficial O	wners % of shares a person holds in the company Directly or indirectly	% of voting rights a person holds in the company	Whether a person directly or indirectly holds a right to appoint or remove a member of the board of directors of the company or an equivalent governing body of the Tenderer (Yes / No)	Whether a person directly or indirectly exercises significant influence or control over the Company (tenderer) (Yes / No)
	Full Name	Directly	Directly % of voting	1. Having the right to appoint a	1. Exercises significant
1.	National identity card number or Passport number	of shares	ights Indirectly % of voting rights	majority of the board of the directors or an equivalent governing body of the Tenderer: Yes No 2. Is this right held directly or	influence or control over the Company body of the Company (tenderer)
	Personal Identification Number (where applicable)	Indirectly % of shares			
	Nationality				YesNo
	Date of birth [dd/mm/yyyy]			indirectly?:	2. Is this influence or
	Postal address			Direct	control
	Residential address				exercised directly or
	Telephone number			Indirect	indirectly?
	Email address				Direct
	Occupation or profession				
					Indirect

	Details of all Beneficial Owners	% of shares a person holds in the company Directly or indirectly	% of voting rights a person holds in the company	Whether a person directly or indirectly holds a right to appoint or remove a member of the board of directors of the company or an equivalent governing body of the Tenderer (Yes / No)	Whether a person directly or indirectly exercises significant influence or control over the Company (tenderer) (Yes / No)
2.	Full NameNational identity card number or Passport numberPersonal Identification Number (where applicable)Nationality(ies)Date of birth [dd/mm/yyyy]Postal addressResidential addressTelephone numberEmail addressOccupation or profession	Directly % of shares Indirectly % of shares	Directly % of voting rights Indirectly % of voting rights	 Having the right to appoint a majority of the board of the directors or an equivalent governing body of the Tenderer: Yes No Is this right held directly or indirectly?: Direct Indirect 	 Exerc ises significant influence or control over the Company body of the Company (tenderer) YesNo Is this influence or control exercised directly or indirectly? Direct Indirect
3. e.t .c					

- II) Am fully aware that beneficial ownership information above shall be reported to the Public Procurement Regulatory Authority together with other details in relation to contract awards and shall be maintained in the Government Portal, published and made publicly available pursuant to Regulation 13(5) of the Companies (Beneficial Ownership Information) Regulations, 2020.(Notwithstanding this paragraph Personally Identifiable Information in line with the Data Protection Act shall not be published or made public). Note that Personally Identifiable Information (PII) is defined as any information that can be used to distinguish one person from another and can be used to deanonymize previously anonymous data. This information includes National identity card number or Passport number, Personal Identification Number, Date of birth, Residential address, email address and Telephone number.
- III) In determining who meets the threshold of who a beneficial owner is, the Tenderer must consider a natural person who in relation to the company:
 - (a) holds at least ten percent of the issued shares in the company either directly or indirectly;
 - (b) exercises at least ten percent of the voting rights in the company either directly or indirectly;
 - (c) holds a right, directly or indirectly, to appoint or remove a director of the company; or
 - (d) exercises significant influence or control, directly or indirectly, over the company.

IV) What is stated to herein above is true to the best of my knowledge, information and belief.

Name of the Tenderer:*[insert complete name of the Tenderer]_____

Name of the person duly authorized to sign the Tender on behalf of the Tenderer: ** [insert complete name of person duly authorized to sign the Tender]

Signature of the person named above: [insert signature of person whose name and capacity are shown above]

Date this [insert date of signing] day of...... [Insert month], [insert year]

Bidder Official Stam