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Vision

Transforming Lives
Using ICT

Mission

To champion and
harness ICT to
enable efficient
and effective
access in the
delivery of public
service for the
public office and
public service.

REPUBLIC OF KENYA

TENDER NO: ICTA/OT/01/2024-2025

**For
Supply, Delivery, Installation and
Commissioning of a Video
Conferencing Solutions for ICT
Authority**

**ICT AUTHORITY
12TH FLOOR, TELEPOSTA TOWERS
P.O. BOX 27150-00100 NAIROBI**

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Issuing Date: 23rd July, 2024

Closing Date: 31st July, 2024 at 10:00 a.m.

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INVITATION TO TENDER

TENDER DESCRIPTION: Supply, Delivery, Installation and Commissioning of a Video Conferencing Solutions for ICT Authority

Tender No: ICTA/OT/01/2024-2025

1. The **ICT Authority** invites sealed tenders for the **Supply, Delivery, Installation and Commissioning of a Video Conferencing Solutions for ICT Authority**
2. Tendering will be conducted under National open competitive method using a standardized tender document. Tendering is open to all qualified and interested Tenderers.
3. Qualified and interested tenderers may obtain further information and inspect the Tender Documents during office. *0900 to 1500 hours*] at the address given below.
4. A complete set of tender documents may be purchased or obtained by interested tenders upon payment of a non- refundable fees of **1,000.00 in Kenya shillings**) in cash or Banker's Cheque and payable to the address given below. Tender documents may be obtained electronically from the Website www.icta.go.ke/tenders. Tender documents obtained electronically will be free of charge.
5. Tender documents may be viewed and downloaded for free from the website www.icta.go.ke/tenders. Or Public Procurement Information Portal (PIIP) supplier portal (<http://www.tenders.go.ke> Tenderers who download the tender document must forward their particulars immediately to procurement@ict.go.ke telephone and **Chief Executive Officer, P.O. Box 27150-00100 Nairobi** to facilitate any further clarification or addendum.
6. **All Tenders must be accompanied by a ‘Tender Security’ of Kenya Shillings (Two hundred thousand) 100,000.00 valid for a Period of 156 days from the date of tender opening from a registered bank by CBK or an insurance company approved by the Public Procurement Regulatory Authority (PPRA).**
7. The Tenderer shall chronologically serialize all pages of the tender documents submitted including any appendices.
8. Completed tenders must be delivered to the address below on or before **31st July, 2024. Electronic Tenders Will Not Be** permitted.
9. 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.
10. Late tenders will be rejected.
11. The addresses referred to above are:

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

The CEO, ICT Authority
Head Supply Chain Management
Telposta Towers, 12th Floor
Kenyatta Avenue
P.O Box 27150-00100
Nairobi, Kenya.
Website: www.icta.go.ke
Email: procurement@ict.go.ke

B. Address for Submission of Tenders.

Completed tender documents are to be enclosed in plain sealed envelopes marked with tender reference number and Tender Name and be sent to:

The CEO, ICT Authority
Telposta Towers, 12th Floor Tender Box
Kenyatta Avenue
P.O Box 27150-00100
Nairobi, Kenya.

C. Address for Opening of Tenders.

Tenders will be opened in the presence of the Candidates or their representatives who choose to attend at:

The ICT Authority
Telposta Towers, 12th Floor Boardroom
Kenyatta Avenue
P.O Box 27150-00100
Nairobi, Kenya

**The Chief Executive Officer
ICT Authority,
P.O. Box 27150 00-100
GPO Nairobi
procurement@ict.go.ke**

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 Tender Data Sheet (**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 Act 2010, 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, sub-consultants, 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 The Procuring Entity may require tenderers to be registered with certain authorities in Kenya. Such registration shall be defined in the **TDS**, but care must be taken to ensure such registration requirement does not discourage 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) Section I-Instructions to Tenderers (ITT)
- ii) Section II-Tender Data Sheet (TDS)

iii) 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

15.1 Unless 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.

15.2 When 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.

15.3 When 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

16.1 The 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.

16.2 All lots (contracts) and items must be listed and priced separately in the Activity Schedule(s).

16.3 The 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.

16.4 The Tenderer shall quote any discounts and indicate the methodology for their application in the Form of Tender in accordance with ITT 13.1.

16.5 The 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.

16.6 All 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.

16.7 If 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.

16.8 For the purpose of determining the remuneration due for additional Services, a breakdown of the lump-sum 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 have 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

20.1 Tenders 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.

20.2 In 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,

21.4 If 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.

21.5 If 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.

21.6 The 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.

21.8 The 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.

21.9 If 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.

23.3 If an envelope or package or container is not sealed and marked as required, the *Procuring Entity* will assume

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:
 - i) Affect in any substantial way the scope, quality, or performance of the Maintenance services specified in the Contract; or
 - ii) Limit in any substantial way, inconsistent with the tendering document, the Procuring Entity's 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

39.1 The 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 Tenderer who offers a substantially responsive Tender with the next lowest evaluated cost to make a similar 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 Notification of Intention to Enter in to a Contract/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 Notification of Intention to Enter into a Contract 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.

[Where an e-procurement system is used, modify the relevant parts of the TDS accordingly to reflect the e-procurement process].

[Instructions for completing the Tender Data Sheet are provided, as needed, in the notes in italics mentioned for the relevant ITT].

Reference to ITC Clause	PARTICULARS OF APPENDIX TO INSTRUCTIONS TO TENDERS
ITT Reference	A. General
ITT 1.1	<p>The reference number of the Request for Tenders (ITT) is: ICTA/OT/01/2024-2025</p> <p>The Procuring Entity is: THE ICT AUTHORITY</p> <p>The name of the ITT is: Supply, Delivery, Installation and Commissioning of a Video Conferencing Solutions for ICT Authority</p> <p>The number and identification of lots (contracts) comprising this ITT is: NOT APPLICABLE</p>
ITT 2.1 (a)	<p>Electronic –Procurement System</p> <p>The Procuring Entity shall use the following electronic-procurement system to manage this Tendering process:</p> <p>NOT APPLICABLE</p>
ITT 2.1	<p>The Procuring Entity is: THE ICT AUTHORITY</p> <p>The name of the Project is: Supply, Delivery, Installation and Commissioning of a Video Conferencing Solutions for ICT Authority</p>
3.4	<p>The firms (if any) that provided consulting services for the contract being tendered for are NONE</p>
ITT 4.1	<p>Maximum number of members in the Joint Venture (JV) shall be: -NONE</p>
ITT 4.12	<p>The Procuring Entity may require tenderers to be registered with The ICT Authority & Communication Authority of Kenya</p>
ITT 7.1	<p>Site Visit- N/A</p>
	B. Contents of Tendering Document
ITT 8.1	<p>For <u>Clarification of Tender purposes</u> only, the Procuring Entity's address is:</p> <p style="text-align: center;">The Deputy Director Supply Chain Management, ICT Authority, Kenyatta Ave./Koinange Street Junction Telposta Towers, 12th Floor, Kenyatta Avenue P.O. Box 27150,</p>

Reference to ITC Clause	PARTICULARS OF APPENDIX TO INSTRUCTIONS TO TENDERS
	<p>Nairobi 00100 GPO</p> <p>Electronic mail address: procurement@ict.go.ke</p> <p>Requests for clarification should be received by the Procuring Entity no later than: CoB 26th July, 2024</p>
ITT 8.2	The Firms or their Affiliates that provided consulting services for the contract being tendered for are: NONE
ITT 8.4	The Procuring Entity shall publish Minutes of the pre-Tender meeting and the pre-arranged pretender visit of the site of the works at the website https://icta.go.ke/tenders/
ITT 9.1	The Procuring Entity will respond to request for clarification and shall publish its response at the website https://icta.go.ke/tenders/ and http://www.tenders.go.ke
	C. Preparation of Tenders
ITT 13.1 (i)	The Tenderer shall submit the following additional documents in its Tender: As per the Evaluation Criteria
ITT 15.1	Alternative Tenders “SHALL NOT BE” considered.
ITT 15.2	<p>Alternative times for completion “SHALL NOT BE” permitted. If permitted, the range of acceptable completion time is: NOT APPLICABLE</p> <p>If alternative times for completion are permitted, the evaluation method will be as specified in Section III, Evaluation and Qualification Criteria.</p>
ITT 15.3	Alternative technical solutions shall be permitted for the following parts of the Services: NOT APPLICABLE
ITT 16.7	<p>The prices quoted by the Tenderer “shall not” be subject to adjustment during the performance of the Contract.</p> <p>The rates are:</p> <p>For local currency NOT APPLICABLE</p> <p>For Foreign currency NOT APPLICABLE</p>
ITT 19.3	Prequalification “HAS NOT” BEEN undertaken.
ITT 20.1	The Tender validity period shall be 126 DAYS .
ITT 21.1	Bidders shall be required to submit an Original Tender Security for Kenya Shillings (One hundred Thousands)100,000.00 valid for a Period of 156 days from the date of tender opening from a CBK registered bank or an insurance company approved by the Public Procurement Regulatory Authority (PPRA).
ITT 22.1	In addition to the original of the Tender, the number of copies is: 1 (One) hard copy and 1 (One) Soft copy of the original Tender document
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 23.1	For <u>Tender submission purposes</u> only, the Procuring Entity’s address is:

Reference to ITC Clause	PARTICULARS OF APPENDIX TO INSTRUCTIONS TO TENDERS
	<p>Attention:</p> <p>The Chief Executive Officer, ICT Authority, Kenyatta Ave./Koinange Street Junction Telposta Towers, 12th Floor Boardroom P.O. Box 27150, Nairobi 00100 GPO Tel: 254 20 2089061 Website: https://icta.go.ke/tenders/ Email: procurement@ict.go.ke</p>
ITT 24.1	<p>The deadline for Tender submission is:</p> <p>Date: 31st July, 2024</p> <p>TIME: 10:00 A.M.</p> <p>The electronic Tender submission procedures shall be: NOT APPLICABLE</p>
ITT 26.1	<p>The Tender opening shall take place at:</p> <p>ICT Authority, Kenyatta Ave./Koinange Street Junction Telposta Towers, 12th Floor Boardroom P.O. Box 27150, Nairobi 00100 GPO Tel: 254 20 2089061 Website: www.icta.go.ke-tenders Email: procurement@ict.go.ke</p> <p>Date: 31st July, 2024</p> <p>Time: 10:00 a.m.</p>
ITT 27.1	The electronic Tender opening procedures shall NOT BE APPLICABLE
ITT 27.6	The Form of Tender and priced Activity Schedule shall be initialed by The Tender Opening Committee representatives of the Procuring Entity conducting Tender opening. Each Tender shall be initialed by all representatives and shall be numbered. Any modification to the unit or Total Price shall be initialed by the representative of The Procuring Entity.
ITT 31.7	The Procuring Entity shall adjust the Tender Price for comparison purposes only in the following manner- NOT APPLICABLE
E. Evaluation and Comparison of Tenders	
ITT 31.7	The currency that shall be used for Tender evaluation, comparison and award shall be <i>Kenya shillings</i>
ITT 34.1	Margin of preference shall NOT BE ALLOWED
ITT 34.2	The invitation to tender is extended to the following group that qualify for Reservations NOT APPLICABLE

Reference to ITC Clause	PARTICULARS OF APPENDIX TO INSTRUCTIONS TO TENDERS
ITT 47.1	Performance Security The performance security shall be equivalent to 10% of the tender sum in the form of a bank guarantee and valid for the entire contract period
F. Award of Contract	
ITT 49.1	The Adjudicator proposed by the Procuring Entity is Shall be as indicated in the Contract. The hourly fee for this proposed Adjudicator shall be Shall be as indicated in the Contract.. The biographical data of the proposed Adjudicator is as follows: Shall be as indicated in the Contract.
ITT 50.1	<p>The procedures for making a Procurement-related Complaint are available from the “Notification of Intention to Award - Paragraph 5” and from the PPRA website www.ppra.go.ke.</p> <p>If a Tenderer wishes to make a Procurement-related Complaint, the Tenderer should submit its complaint following these procedures, in writing (by the quickest means available, that is either by hand delivery or email to:</p> <p>For the attention</p> <p>Title/position: <i>Director General</i> Procuring Entity: PPRA Email: info@ppra.go.ke</p> <p>In summary, a Procurement-related Complaint may challenge any of the following:</p> <p>(i) the terms of the Tender Documents; and (ii) the Procuring Entity’s decision to award the contract.</p>

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 **the Standard Tender Evaluation Report for Goods and Works** 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 irresponsible and will not be considered further.

Stage 1 Preliminary / Mandatory Evaluation

Only Bidders who will have met all the Preliminary Requirements shall proceed for Technical Evaluation.

No.	Requirements	Bidder's Response (Attached documents) Yes/No
1.	Provide Copy of Certificate of Registration/Incorporation	
2.	Provide copy of Valid Tax Compliance certificate	
3.	Provide a Copy of valid CR12 from issued by the Registrar of companies where applicable.	
4.	Dully Filled and signed Form of tender in the format provided.	
5.	Dully Filled and signed price Schedule in the format provided.	
6.	Must be registered with Communication Authority of Kenya (attach a valid Telecommunication Contractor certificate)	

No.	Requirements	Bidder's Response (Attached documents) Yes/No
7.	Copies of signed and stamped audited accounts for the company for the last 3 accounting years (2021, 2022 and 2023).	
8.	Power of attorney/ Authorization Letter. Giving the name of person who has been authorized to submit/execute this agreement as a binding document.	
9.	Duly filled, signed and stamped self-declaration that firm and the bidder is not debarred in the matter of Public Procurement and Asset Disposal Act 2015-FORM SD 1	
10.	Duly filled, signed and stamped self-declaration that firm and the bidder have never and will not engage in any corrupt or fraudulent practice -FORM SD 2	
11.	Must submit a dully-filled up, Confidential Business Questionnaire in format provided which should be stamped and signed up by authorized signatory/person	
12.	Signed Declaration and Commitment to the code of Conduct.	
13.	Properly bound document/ well-presented document. All pages of the tender document should be serialized or serially numbered.	
14.	Bidders must submit ORIGINAL TENDER" and a COPY of the tender, AND ONE SOFT COPY of the bid document	
15.	Bid security of Kshs. 100,000.00 from a CBK registered and approved bank or an insurance company approved by PPRA valid for at 156 days from the date of tender opening.	
16.	Provide proof of authorization from the Manufacturer to sell/service the product in Kenya. A letter of authorization/ recommendation should be signed by the manufacturer of the hardware.	

AT THIS STAGE, TENDERERS SUBMISSION WILL EITHER BE RESPONSIVE OR NON- RESPONSIVE. THE NON- RESPONSIVE SUBMISSIONS WILL BE ELIMINATED FROM THE ENTIRE EVALUATION PROCESS AND WILL NOT BE CONSIDERED FURTHER. TENDERS WILL THEREFORE PROCEED TO THE TECHNICAL EVALUATION STAGE ONLY IF THEY QUALIFY IN

Stage 2-Technical Evaluation

(1). Detailed technical evaluation on specifications

At this stage tenderers will be evaluated on their compliance to the technical specification for each item as provided .Tenderer will be required to meet the minimum technical specification for all the items to qualify to the next stage of Technical Evaluation (Capacity to Deliver the Service).

No	Technical Specifications and Requirements	Bidders Response(Compliant /Not Compliant)
1	Displays: CEO Board room: 65 Inches wall mounts/floor stand to be included for all displays	
2.	Displays: CEO, Office, Directors and other Boardrooms <ul style="list-style-type: none"> • 55 Inches <i>wall mounts/floor stand to be included for all displays</i>	
3	Sound bar	
4	Video conferencing system Standard-based HD/HDX video conferencing integrated with conferencing video and Standard-based HD/HDX in-room audio with features and capabilities as below	
Features and capabilities of the video conferencing system		
a	<ul style="list-style-type: none"> • Multi-party interactive video sessions and asynchronous • visual collaboration • wireless sharing 	
b	<ul style="list-style-type: none"> • Centralized management • interface for managing video conference session 	
c	<ul style="list-style-type: none"> • Multiple microphone inputs with sound localization and stereo channels 	

No	Technical Specifications and Requirements	Bidders Response(Compliant /Not Compliant)
	<ul style="list-style-type: none"> Table microphone 	
d	<ul style="list-style-type: none"> Flexible camera with innovative sound and facial-tracking algorithms to accurately focus on the person speaking - AI smart camera technology Group,Speaker and frames view camera modes Presenter tracking (Extended reach and cross view) Camera coverage should be atleast 10m 	
e	<ul style="list-style-type: none"> Noise suppression, noise block, acoustic fence, instant adaptation echo cancellation, live music mode, ability to pick up soft voice and set the microphone in the direction of the active speaker - NoiseBlockAI and Acoustic Fence smart audio filtering Technologies 	
f	<ul style="list-style-type: none"> AI-enhanced, cinematic video meetings 	
g	<ul style="list-style-type: none"> Allow computer users or participants to actively participate in a conferencing session, simultaneous share content among all participants (e.g. share file, desktop, application and whiteboards), share messages via instant messaging, ask questions using polls or raise hands, file sharing or slide shows to share PowerPoint or other Presentations 	
h	<ul style="list-style-type: none"> Audio and video streaming High-quality 20kHz full-band audio Spatial Audio Prepared for inductive loop (line out) Acoustic Echo Cancellation (AEC) Active Lip Synchronization AI-Powered Noise Removal Automatic Gain Control (AGC) Adjustable gain on all external connectors 	

No	Technical Specifications and Requirements	Bidders Response(Compliant /Not Compliant)
	<ul style="list-style-type: none"> • Full Duplex • Self-Hear testing • Ultrasound Technology • 8-element microphone array for accurate speaker tracking 	
i	<ul style="list-style-type: none"> • Live interaction and real-time session recording for later review or archiving 	
	<ul style="list-style-type: none"> • Directive 2014/53/EU (Radio Equipment Directive) for the radio versions • Directive 2014/30/EU (EMC Directive) for the non-radio versions • Directive 2014/35/EU (Low-Voltage Directive) for the non-radio versions • Directive 2011/65/EU (RoHS) • Directive 2012/19/EU (WEEE) • NRTL approved (product safety) • FCC CFR 47 Part 15B (EMC) - Class A • FCC CFR 47 Part 15C (RF) • FCC CFR 47 Part 15E (RF) • FCC listed (radio equipment) 	

TECHNICAL SPECIFICATIONS

i). Technical Specifications of the MCU

No.	Technical Specification and Performance Requirement	Compliance	Remarks
1.	The product must be rack mountable, highly integrated and chassis-based and use an embedded operating system and a non-PC architecture.		
2.	The product must comply with H.323, H.320, SIP, and Telepresence Interoperability Protocol (TIP) to offer high compatibility.		
3.	The product must support TCP/IP, FTP/FTPS, RTP, RTCP, HTTP/HTTPS, SNMP, Telnet, SSH, and DNS/DDNS.		
4.	The product must support H.221, H.225, H.235, H.242, H.243, H.245, H.281, H.283, H.460, FECC, RFC 2833, DTMF, SRTP, and TLS.		
5.	The product must support H.264 HP, H.264 BP, H.264 SVC, H.263++, H.263+, H.263, and H.261.		
6.	The product must be able to encode and decode 3840 x 2160 at 60 fps, 1080p50/60, 1080p25/30, 720p50/60, 720p30, 4CIF, CIF, and QCIF videos.		
7.	The product must provide great video processing capability to save network bandwidth: able to encode and decode 3840 x 2160 at 60 fps, 1080p30 video at 512 kbit/s and 720p30 video at 384 kbit/s.		
8.	<p>The product must support up to 24 panes for continuous presence and provide universal transcoding to:</p> <ul style="list-style-type: none"> Allow various endpoints using different bandwidths and video resolutions to join the same conference. <p>Enable each participant to have an individual continuous presence layout.</p>		
9.	The product must support symmetric continuous presence in 3840 x 2160 at 60 fps, 1080p60, 1080p30, or 720p so that the videos sent and received by a participant endpoint are at the same resolution.		
10.	<p>The product must support presentation transcoding to enable:</p> <ul style="list-style-type: none"> Sites with different codec capabilities and using different transmission rates to view a presentation at different resolutions and frame rates. Sites that do not support presentation sharing to use the video channel to view a presentation. <p>A presentation to be added to continuous presence.</p>		
11.	<p>The product must:</p> <p>Allow a user to increase the number of supported ports by adding a service board or updating the license file.</p>		

No.	Technical Specification and Performance Requirement	Compliance	Remarks
12.	The product must provide at least 6 No.1080p60 ports, 12No. 1080p30, 24No. 720p30 ports, or 48No. SD ports, with the transmissionrate for each port not lower than 6 Mbit/s.		
13.	The product must support presentations using H.239 and SIP, thehighest resolution of presentations being 3840 x 2160 at 60 fps		
14.	The product must support the following audio protocols: G.711, G.722, G.722.1, G.722.1.C, G.728, G.729A, G.729AB, G.719, iLBC, AAC-LD mono, and AAC-LD stereo.		
15.	The product must provide a 100/1000 Mbit/s auto negotiation network port and support IPv4/IPv6 dual stack.		
16.	The product must deliver bandwidths ranging from 64 kbit/s to 6Mbit/s.		
17.	The product must provide a web interface where a user can manage and maintain the MCU and schedule conferences.		
18.	<p>The product must support SNMPv3, which enables a user toperform the following from a conference management system:</p> <ul style="list-style-type: none"> • Configure the MCU. • Manage MCU alarms. • Monitor the MCU's running status. <p>Update the MCU.</p>		
19.	<p>The product must provide great fault tolerance: The conference can go on even when the packet loss reaches 20%.</p> <p>The product must be able to dynamically adjust the resolutions forconference video streams to provide the best possible video experience.</p>		
20.	The product must provide H.235 encryption over an H.323 network and TLS/SRTP encryption over a SIP network.		
21.	The product must allow a participant endpoint to create or join a multipoint conference on the video IVR UI.		
22.	The product must support calls using URIs.		
23.	The product must allow a user to move participants betweenconferences.		
24.	<p>The product must provide multiple conference control functions,including:</p> <ul style="list-style-type: none"> • Add, delete, broadcast, and view a participant • Set continuous presence • View participant status <p>View network statistics in real time</p>		
25.	The product must support DTMF conference control,		

No.	Technical Specification and Performance Requirement	Compliance	Remarks
	which allows participants to use arrow keys or number keys to switch between continuous presence layouts and participant videos.		
26.	The product must be able to register with Microsoft Lync Server to enable Lync clients and videoconferencing endpoints to join the same conference.		
27.	The product must provide UIs and product documentation in English.		

ii). Technical Specifications of the Video Management System

No.	Technical Specification and Performance Requirement	Compliance	Remarks
1	Complete management of on-site and remote video systems, including statistics, directories, booking and software updates		
2	Intuitive Web-based interface		
3	Manages network and video equipment from multiple vendors		
4	Manages calls made on multiple protocols (IP using H.323 and SIP, ISDN, V.35 and mixed calls)		
5	Manages endpoints, MCUs, network infrastructure, and gateways directly Supports automatic creation of phone books, including Active Directory and H.350		
6	Implements and manages automated software upgrades for video devices Easy mass configuration of systems		
7	Detailed system and conference records		
8	Intelligent diagnostics enabling rapid response		
9	The product must allow a user to: <ul style="list-style-type: none"> Query and modify settings of added devices. Manage device configuration templates. Apply the settings of a device configuration template to multiple devices. 		
10	The product must provide automatic detection of devices to facilitate device configuration.		

No.	Technical Specification and Performance Requirement	Compliance	Remarks
11	<p>The product must provide the following information on its homepage to facilitate management:</p> <ul style="list-style-type: none"> • Device monitoring information (number of alarms, online devices, and online users) • Utilization ratio of system resources (CPU and memory) • Conference information (number of ongoing and scheduled conferences) • Resource monitoring information (utilization ratio of MCUs and participants) 		

No.	Technical Specification and Performance Requirement	Compliance	Remarks
12	The product must support logging of system operations and query of logs. The logs record alarm operations, settings modification, and startup of MCUs and registration, startup, and settings modification of endpoints.		
13	The product must provide alarm functions and allow a user to view the content, level, and status of alarms.		
14	System summary page for fast access to most-used information Consolidated list of open tickets with links to recommended fixes		
15	Integrated Network Monitoring Support— Integrates any SNMP network monitoring tool		
16	Event notification prevents and minimizes negative service level		
17	Track all system usage and identify trends — packet loss, bandwidth usage, system auditing		
18	Call Detail Records and Statistics (CDRs)		
19	Scheduling or ad-hoc calling for video, audio, Web and data conferences		
20	Schedule conferences, book rooms and invite participants .		

iii). Technical Specifications of the PC Soft Client

No.	Specifications Requirement	Compliance	Remarks
1.	Incorporates H.239, HD Dual Stream for simultaneously sending and receiving video + data streams		
2.	Multiple viewing modes from mini mode to full-screen		
3.	High definition video and audio quality videoconferencing		
4.	Fully compatible with latest Windows OS		
5.	Fully compatible with Apple OS		
6.	Support Remote software upgrades to guarantee uniformity across the organization		
7.	Support for desktop presentations and file sharing		

iv). Technical Specifications of the Fixed Tele-presence system for (CEO Boardroom)

No.	Technical Specification and Performance Requirement	Compliance	Remarks
1.	The video conferencing unit should have 65 Inch screens.		
2.	The product should support a touch control device		
3.	The product must be able to interoperate with traditional HD and SD videoconferencing systems.		
4.	The product must be highly integrated with the display screens, cameras, speakers, microphones, codecs, control devices, equipment rack, and conference table. Cables must be out of view to contribute to the system's sleek appearance.		
5.	The product must be environmentally friendly with efficient power consumption. <i>(please indicate power consumption per hour)</i>		
6.	The bezel width of two contiguous screens of the product shall be equal to or smaller than 5.5 mm (0.22 inch).		
7.	The product must be able to be used for local conferences with 10 participants or more when it is not used for telepresence conferences.		
8.	The product must not occupy too much space of a conference room and must be able to be used in a conference room equal to or smaller than 5000 mm x 4000 mm (196.85 in. x 157.48 in.).		
9.	The product must deliver an "in-person" conference experience with support for the following: <ul style="list-style-type: none"> • Three-channel stereo audio • Three or more microphone inputs • Lip sync • Sound localization. 		
10.	The product cannot be a mere patchwork of HD videoconferencing endpoints and cameras. The system must provide a telepresence host to stitch images, toggle between video, and process audio in an intelligent, efficient, and unified way.		

No.	Technical Specification and Performance Requirement	Compliance	Remarks
11.	The dedicated camera used in the product must be integrated: The three lenses must function as a whole to implement seamless image stitching without shadows. Independent HD cameras are unacceptable.		
12.	The dedicated camera of the product must be able to support seamless stitching of images with different depths of field and capture 5760 x 1080 60p (48:9) panoramic images.		
13.	The product must support the H.235 encryption protocol and 128-bit (or more) encryption algorithms for media stream and signaling encryption. The used encryption protocols must not preclude the interoperation with traditional videoconferencing systems.		
14.	The product must provide great network adaptability: The audio-visual quality of the conference is hardly affected even when the packet loss is 5%; the conference can continue even when the packet loss is 8%.		
15.	The product must use an integrated design, provide front access, and be able to stand against the wall. It must support unified configuration, upgrade, monitoring, and diagnostics.		
16.	System management via embedded SNMP, Telnet, SSH, XML, SOAP, remote software upload: via web server, SCP, HTTP, HTTPS, 1 x RS-232 for local control and diagnostics, remote control and on- screen menu system.		
17.	The product must be able to simultaneously record three video channels and one presentation channel and, after packaging the channels into one file, implement live broadcast.		
18.	The telepresence host's web interface must: Be intuitive. Allow administrators to configure parameter settings and check devices' operating status. Generate alarms to notify administrators of device malfunction. Highlight malfunctioning devices in red.		
19.	The product must support H.239 and SIP dual stream.		
20.	Should have internal bridge to support up-to 6 incoming calls		
21.	The product must support H.239 for presentation sharing with traditional HD and SD videoconferencing systems.		

No.	Technical Specification and Performance Requirement	Compliance	Remarks
22.	<p>The product must support H.323, H.320, SIP, and RFC 3261, TIP</p> <p>The product must support H.221, H.225, H.230, H.231, H.233, H.234, H.235, H.241, H.242, H.243, H.245, H.281, H.283, H.350, H.460, and T.140.</p> <p>The product must support TCP, FTP, DHCP, SNMP, Telnet, HTTP, PPPoE, RTP, and RTCP.</p>		
23.	<p>Requirements for Video:</p> <p>The product must support H.264, H.263, and H.261 for interoperation with traditional HD and SD videoconferencing systems.</p> <p>The product must support multi-channel image stitching and deliver an HD, true-to-life conference experience with the impression of making eye contact.</p> <p>The product must provide great video codec capability and be able to transmit 1080p30 video at 1 Mbit/s and 720p30 video at 768 kbit/s.</p>		

v). Technical Specifications for 12th and 23rd Board room Telepresence System

Index	Technical Specification and Performance Requirement	Compliance	Remarks
Overall requirement	The product must be highly integrated for simplified deployment, incorporating a codec, microphone, and camera.		
	The product must be highly integrated and provide at least one HD display with a size of 55 inches or larger as standard.		
	The product's codec must have an embedded system installed and use a non-PC architecture. It must be able to operate 24/7.		
	The product must have a data sheet and product introduction in English at the official website of the product's original supplier.		
	The product must support 1080p30 and 720p60 video codec capabilities.		
	The product must come with wheels to be moved and deployed conveniently. Floor standing footplate		
	The product should support a touch control device		
	Should have internal bridge to support up-to 6 incoming calls		

Communication protocol	The product must support H.323 and SIP for interoperability.		
	The product must support TCP/IP, FTP, FTPS, DHCP, SNMP, Telnet, SSH, HTTP, HTTPS, PPPoE, RTP, RTCP, and SNTP.		

Index	Technical Specification and Performance Requirement	Compliance	Remarks
	The product must support H.221, H.225, H.230, H.231, H.233, H.234, H.235, H.241, H.242, H.243, H.245, H.281, H.283, H.350, H.460, T.140, TLS, and SRTP.		
Video Feature	The product must support H.263, H.263+, H.264 Basic Profile (BP), H.264 High Profile (HP), and H.264 Scalable Video Coding (SVC).		
	The product must support 1080p25/30, 720p50/60, 720p25/30, 4CIF, and CIF.		
	The camera provided with the product must provide a horizontal angle of view of 72° or more and at least 30 camera presets.		
	The product must provide great video processing capability to save network bandwidth: able to encode and decode 1080p30 video at 512 kbit/s and 720p30 video at 384 kbit/s and able to place and receive video calls at 64 kbit/s.		
	The product must support presentations using H.239 and SIP and be able to transmit 1080p video and presentations at the same time.		
Audio Feature	The product must support G.711, G.722, G.722.1, G.722.1C, G.728, and AAC-LD.		
	The product must adopt acoustic echo cancellation (AEC), automatic noise suppression (ANS), and automatic gain control (AGC).		
	The product must provide an omnidirectional digital microphone array that: <ul style="list-style-type: none"> • Support an optimal pick-up range of six meters and 360-degree voice pickup. • Allow cascading of up to three microphones for usage in small to large conference rooms. 		
	The microphone provided with the product must provide a sampling rate of up to 48 kHz.		
	The microphone provided with the product must support PoE and be able to operate without additional power supplies.		
Network feature	The product must support IPv4/IPv6 dual stack.		
	The product must provide a 10/100 Mbit/s auto negotiation network port and bandwidths from 64 kbit/s to 4 Mbit/s.		

	The product must integrate a Wi-Fi module to implement video communication over a Wi-Fi network.		
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Index	Technical Specification and Performance Requirement	Compliance	Remarks
	The product must provide great network adaptability so that a conference can go on even when the packet loss reaches 20%.		
Functional feature	The product must provide H.235 encryption over an H.323 network and TLS/SRTP encryption over a SIP network to improve conference security.		
	The product must provide the chair site with the following conference control functions: <ul style="list-style-type: none"> • Broadcast, view, add, and delete a site • Mute and unmute microphones • Mute and unmute speakers • Set continuous presence • End a conference 		
	The product must allow a user to initiate a multipoint conference by defining a conference template and adding multiple sites from the address book to the template.		
	The product must be able to register with Microsoft Lync Server to hold point-to-point video calls with Lync clients directly.		
	The product must allow a user to import a configuration file using the USB port, which facilitates installation and deployment. The configuration file must include conference settings and names, IP addresses, and H.323 registration of sites.		
	The product must support SNMPv3 and enable a user to apply settings on the conference management platform to it and update its software from the conference management platform.		
	The product must provide voice dialing so a user can call a site by speaking the name of that site.		
	The product must provide an address book that can store 1000 or more entries.		
	The product must support transmission of T.140 captions and messages during conferences.		
	The product must support H.460 for audiovisual communication across firewalls.		

Display Feature	The product's display must be of a world recognize brand and have an LCD screen with LED backlights and a size not smaller than 55 inches.		
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Index	Technical Specification and Performance Requirement	Compliance	Remarks
	The product's display must support the physical screen resolution of 1920 x 1080 pixels and the aspect ratio of 16:9.		
	The product must provide at least two HDMI ports, one YPbPr/YCbCr port, and one VGA port.		
	The product must meet the following requirements: <ul style="list-style-type: none"> • Operating voltage: 220 V • Rated power: ≤ 130 W 		

vi). Technical Requirements for CEO and Directors Office Tele-presence System

No.	Technical Specification and Performance Requirement	Compliance	Remarks
1.	The video conferencing unit should have 55-inch display		
2.	The product should be streamlined for use in private offices for easy installation, requiring little-to-no room remediation and minimal room modifications.		
3.	The product should have 3840 x 2160 at 60 fps to full HD resolutions		
4.	The product should be simple one-button-to-push calling integrates with common calendaring programs such as outlook and IBM Lotus notes.		
5.	The product should offer presentation-in-picture feature enables easy content sharing; a connector is available for adding a dedicated auxiliary display.		
6.	The product should offer the ability to share content upto 30 frames per second.		
7.	The product should be able to integrate lighting eliminate facial shadows and provides natural-looking video.		
8.	The product should include two-dimensional microphone array allows for additional audio clarity; you can also add a privacy headset.		
9.	The product should support up-to 4 Mbps (1080p, 30fps) for IP connections.		
10.	The product should support a touch control device		

11.	The product should offer flexible deployment options include a choice of pedestal, tabletop, or custom mounted scenarios. The bidder will be required to deploy the option the Bank choses at no additional cost.		
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vii). Technical Requirements for Audio system for Tele-presence Boardroom Solutions

No.	Technical Specification and Performance Requirement	Compliance	Remarks
1	The product must support G.711, G.722, G.728, AAC-LD stereo, or other protocols for 20 kHz or higher wideband audio).		
2	The product must support three-channel audio to provide sound localization and an in-person conference experience.		
3	The product must be able to provide high-fidelity stereo audio, which is faithfully reproduced and allows participants to effortlessly locate the speaker.		
4	The product must support Automatic Echo Cancellation (AEC), Automatic Gain Control (AGC), and Automatic Noise Suppression (ANS).		
5	The product must be resistant to electromagnetic interference (EMI). (EMI resources include electronic devices such as mobile phones.)		
6	The product must provide a 3.5 mm audio jack, enabling audio input from a PC.		
7	The product must provide at least three speakers to help ensure optimal three-channel audio quality.		
8	The product must allow at least six microphone inputs, that is, one microphone for each participant. The microphones must be embedded in the conference table, not to detract from the system appearance or distract participants' attention.		
9	The speakers and microphones used in the product must be of recognized brands.		
10	The product must allow users to press the microphone mute button on the tabletop to mute all local microphones.		
11	The product must automatically provide lip sync throughout conferences.		

viii). Technical Requirements for HD Dual Stream or its equivalent

No.	Technical Specification and Performance Requirement	Compliance	Remarks
1.	The product must support H.239 for presentation sharing with traditional HD and SD videoconferencing systems.		

2.	The product must support presentation plug-and-share, and also allow users to manually start or stop sharing presentation from the control panel.		
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No.	Technical Specification and Performance Requirement	Compliance	Remarks
3.	The product must support up to 1080p30 for both video and presentation, to deliver full HD motion dual stream.		
4.	The product must support simultaneous transmission of a PC desktop and audio for an improved dual stream experience.		
5.	The product must allow users to view presentation on the 65-inch displays by operating the control panel.		
6.	The conference table used in the product must provide data interfaces to allow PC desktop input.		
7.	The presentation delivered by the product must be in high definition, enabling characters of the 6.5 font size to be displayed clearly.		

ix). Technical Requirements for System Functionality

No.	Technical Specification and Performance Requirement	Compliance	Remarks
1	The product must provide one-tap power-on/off for the entire system, including the display screens, codecs, dedicated cameras, and tabletop displays.		
2	The product must allow users to use the address book on the control panel to initiate point-to-point or multipoint conferences, for which the conference bandwidth, number of panes in continuous presence, and participants are configurable.		
3	The product must allow users to use the onscreen keypad to dial site numbers and create telepresence conferences.		
4	The product must allow users to select one or more groups from the address book on the control panel, and call all members in the selected groups to join the same telepresence conference.		
5	The product must support automatic address book update.		
6	The product must allow users to define multiple conference templates for faster conference initiation.		
7	The product must allow users to mute/unmute the local microphone and adjust the local volume from the control panel.		

No.	Technical Specification and Performance Requirement	Compliance	Remarks
8	The product must allow users to operate the controlpanel to perform the following: <ul style="list-style-type: none"> • Start and stop sharing presentation. • Open and close the tabletop displays. • Enable the presentation to be displayed on the 65/55 -inchdisplay screens. 		
9	The product must allow users to turn on or off the local Picture in Picture (PiP) from the control panel. (The local PiP is the result of the dedicated tri-lens camera's image stitching and is superimposed on the video on the center display screen.)		
10	The product must support editable scripts and allow the scripts to be transparently superimposed onto the video on the center display screen.		
11	The product must allow users to use the control panel toobtain help information.		
12	The product must allow users to use the control panel to obtain conference details (such as the bandwidth, audio protocol,and video protocol).		
13	The product must allow users to operate the controlpanel to perform conference control operations, including: <ul style="list-style-type: none"> • Broadcast a site. • View a site. • Add/Delete a site. • Call/Disconnect a site. • Mute/Unmute local and remote microphones. • Mute/Unmute local and remote speakers. • End a conference. 		
14	The product must support voice activation switching bysite and by speaker.		

x). Technical Requirements for Network Adaptability

No.	Technical Specification and Performance Requirement	Compliance	Remarks
1	The product must support an access rate of up to 6Mbit/s for each screen.		

2	The product must provide great network adaptability and fault tolerance: The audio-visual quality of the conference is hardly affected even when the packet loss is 5%; the conference can continue with normal audio-visual quality even when the packet loss is 8%.		
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No.	Technical Specification and Performance Requirement	Compliance	Remarks
3	The product must have its packet loss concealment automatically enabled once packet loss occurs. Manual enabling of packet loss concealment diminishes the system usability and is unacceptable.		
4	<p>The product must support intelligent bandwidth control:</p> <ul style="list-style-type: none"> • When network congestion occurs or bandwidth becomes insufficient, the system automatically reduces the current conference bandwidth to provide the best possible conference quality at the bandwidth available. • When the network recovers, the system automatically increases the conference bandwidth to the normal level. 		
5	The product must provide quality of service (QoS) assurance and support IP precedence, type of service (TOS), and Differentiated Services (DiffServ).		
6	The product must be able to reconnect upon disconnection, that is, when the system exits a conference due to network connection faults, it automatically re-joins the conference once the faults are rectified.		

xi). Technical Requirements for Maintenance and Management

No.	Technical Specification and Performance Requirement	Compliance	Remarks
1	The product's major components (codecs, dedicated camera, host, and display screens) must have their cables hidden and cable routing out of view, to prevent inadvertent cable disconnection.		
2	The product must provide a unified maintenance and management user interface to set devices' parameters and monitor devices' status. Using multiple management user interfaces to maintain and manage the system is unacceptable.		
3	The product must allow import and export of configuration files in XML format.		

4	<p>The product must provide an intuitive maintenance and management user interface, which:</p> <ul style="list-style-type: none"> • Allows administrators to configure parameter settings and check devices' operating status. • Generates alarms to notify administrators of device malfunction. • Highlights malfunctioning devices in red. 		
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No.	Technical Specification and Performance Requirement	Compliance	Remarks
5	The product must allow administrators to intuitively check the connection between devices from the maintenance and management user interface to facilitate troubleshooting.		
6	The product must allow administrators to check the sound pickup status and volume of microphones from the maintenance and management user interface.		
7	The maintenance and management user interface must support English		
8	The product must allow remote upgrade for its components (including the host, codecs, control panel, and tabletop displays) over the IP network.		

xii). Technical Specifications for Tele-presence-dedicated Cameras

No.	Technical Specification and Performance Requirement	Compliance	Remarks
1	<p>The product must use a tri-lens camera that meets the following requirements:</p> <ul style="list-style-type: none"> • Dedicated to telepresence systems. • Highly integrated. • Function as a whole to provide seamless image stitching without shadows <p>Independent, traditional HD cameras are unacceptable for telepresence systems, because if one of the cameras is moved, the overall image stitching quality will be adversely affected.</p>		
2	The dedicated tri-lens camera must be fixed and cannot be changed by users to prevent image stitching from being affected by human factors.		
3	The dedicated tri-lens camera must be perfectly integrated with other components of the telepresence system, not to obstruct the displays or detract from the system appearance and user experience.		
4	The dedicated tri-lens camera must support up to 1080p60 to deliver the optimal video definition and smoothness.		
5	The dedicated tri-lens camera must support various video formats, such as 1080p30 and 720p60.		
6	The dedicated tri-lens camera must have a sensor size not smaller than 1/3 inch.		

xiii). Technical Requirements for Display Screens

No.	Technical Specification and Performance Requirement	Compliance	Remarks
1	The product must have at least three 65-inch or larger plasma display screens that support the 1920 x 1080p resolution and the 16:9 aspect ratio for the main Head Office telepresence system.		
2	The HD displays used in the product must be at the correct angle to each other to provide the best possible viewing angle for participants. Placing the three display screens in the same plane is unacceptable.		
3	Screen's service life: ≥ 100000 hours.		
4	The display screens must provide HDMI, RJ45,DVI, and VGAports.		
5	Screen's contrast: $\geq 5000000:1$.		
6	Active display area (W x H): ≥ 1434 mm x 806 mm.		
7	<ul style="list-style-type: none"> • For one display screen: • Operating voltage: 220 V AC 50/60 Hz. • Power consumption: ≤ 550 W. 		

xiv). Technical Requirements for the Tele-presence Encoder or its equivalent

No.	Technical Specification and Performance Requirement	Compliance	Remarks
1	The product must have a telepresence host specialized for video switching, audio mixing, and device management in a unified manner, to facilitate system maintenance and improve system reliability and stability.		
2	The telepresence host must be of the same brand as the MCU, codec, and dedicated camera to ensure maximum compatibility and unified maintenance.		
3	The telepresence host must use an embedded operating systemand chassis-based architecture to help ensure system security.		
4	The telepresence host must be responsible for the easy and intelligent switching between the system's video inputs and outputs; must provide at least 6 video input ports and at least 6 video output ports; and must support 1080p60.		
5	The telepresence host must be responsible for encoding, decoding, and mixing the system's audio, providing the optimal audio quality and unified audio processing capability; must support at least six XLR connectors for microphone input.		

No.	Technical Specification and Performance Requirement	Compliance	Remarks
6	The telepresence host must provide at least two RJ45 ports and allow separation of the management network interface from the service network interface.		
7	The telepresence host must support at least 16 serial ports through which commands are sent to control peripheral devices.		
8	The telepresence host must provide a built-in web server for browser-based configuration; must allow login using TFTP or HTTPS.		
9	The telepresence host's built-in web interface must support English.		
10	The telepresence host must allow users to configure system settings in a unified manner from the web interface, import and export configuration files in XML format, restore the system to default settings, save user settings, and restore the system to user settings previously saved.		
11	The telepresence host's web interface must: <ul style="list-style-type: none"> • Be intuitive. • Allow administrators to configure parameter settings and check devices' operating status. • Generate alarms to notify administrators of device malfunction. • Highlight malfunctioning devices in red. 		
12	The telepresence host must allow users to manage, import, and export the address book.		

xv). Technical Requirements for Assembly Components

No.	Technical Specification and Performance Requirement	Compliance	Remarks
1	The bidder must provide assembly components and telepresence-dedicated conference tables.		
2	The product's components (including the assembly components, conference table, and display screens) must be highly integrated to present a sleek appearance.		
3	The product must have its cables hidden and cable routing inside the components.		
4	The product must provide at least two multifunctional sockets, each having at least one RJ45 port, one DVI or VGA port (for presentation input), one 3.5 mm audio jack, and one power port.		

5	<ul style="list-style-type: none"> • Dimensions (H x W x D): 1840 mm x 5600 mm x 3200 mm. • Weight: < 1500 kg. 		
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xvi). Technical Requirements for Call Control Server or its equivalent

No.	Technical Specification and Performance Requirement	Compliance	Remarks
1.	The Call Control server shall provide SIP proxy and call control as well as H.323 gatekeeper services. The call control server shall open the world outside the firewall to organizations/users using video communications		
2.	Architecture <ul style="list-style-type: none"> Secure appliance-based architecture Flash memory and hard drive ITU-T H.323v6 compliant ITU-T H.225v6 compliant H.460.18/.19 compliant Support for H.460.19 multiplexed media 		
3.	Call registration <ul style="list-style-type: none"> Supports manual/automatic registration of H.323 and SIP endpoints and application-programming-interface (API) call control Supports H.225/Q.931, H.245 call control routed mode, and non-call routed mode Supports H.323-SIP Interworking Encryption Supports H.323-SIP Interworking DuoVideo Supports registration of H.323 ID and E.164 aliases and services Supports Unicode (UTF-8) registration for global implementation Supports disconnect H.323 calls from the API interface Supports URI dialing Supports direct call signaling Supports Call Policy Management (RFC 3880), including Call Policy and User Policy Supports conference hunting for multipoint-control-unit (MCU) cluster support Supports call routed mode Supports call loop detection mode 		

4.	Interfaces: <ul style="list-style-type: none"> • 4 X 10/100/1000 Ethernet ports (RJ-45) • One console port 		
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No.	Technical Specification and Performance Requirement	Compliance	Remarks
5.	Network: <ul style="list-style-type: none"> • Supports DNS addressing • Supports IPv4 and IPv6 • Support IPv4 and IPv6 translation 		
6.	Security <ul style="list-style-type: none"> • Secure management: HTTPS, SSH, and SCP • Ability to lock down IP services • Authentication required on HTTP(S), Telnet, SSH, SCP, and serial port • Compatible with H.235 v2- and v3-enabled H.323 devices • H.235 authentication support • Transport Layer Security (TLS) for SIP signaling • Roles-based password-protected GUI user access • Ability to disable root access over Telnet or SSH • Ability to enforce strict passwords 		
7.	Management <ul style="list-style-type: none"> • Support for industry standards such as Telnet, HTTP(S), XML, SNMP, SCP, and SSH • setup wizard for initial configuration • support for the management software • Call logging and diagnostics • Support for logging • Time zone setting 		

No.	Technical Specification and Performance Requirement	Compliance	Remarks
8.	<p>Call control server shall have the following features:</p> <ul style="list-style-type: none"> • support work with any H.323 or SIP device • easy deployment and high reliability • Can work with the firewall • Shall support multivendor • Secure, reliable • shall have H.323 gatekeeper feature • support SIP Proxy and SIP Registrar • support SIP trunk to the other GK/PBX/VG • Support IPv4 and IPv6 translation • support Policy-based call routing • support URI and ENUM dialing • support device authentication • support SIP presence and user agent • shall Supports up to 2500 registered devices • support URI dialing for scalability • Supports HTTPS, SSH, and SCP for management • support clustering for redundancy 		
9.	<p>Capacity</p> <ul style="list-style-type: none"> • support up-to atleast 500 endpoints • support up-to 500 internal calls • support up-to 100 external alls • support up-to 1000 trunk/GK 		

No.	Technical Specification and Performance Requirement	Compliance	Remarks
10.	<p>Main features</p> <ul style="list-style-type: none"> • SIP and H.323 support, including SIP/H.323 gatewayregistered endpoints • IPv4 and IPv6 support and Interworking <p>SIP and H.323 interworking</p> <ul style="list-style-type: none"> • Bandwidth management on both a per-call and a total-usage basis • URI and ENUM dialing through DNS • Down-speeding option for calls that exceed the availablebandwidth • Flexible zone configuration with prefix, suffix, andregular expression support • Can be clustered with up to call control server forcapacity and redundancy • Name clusters • endpoint authentication • Register control • Administrator policy • Setup wizard for initial configuration • System administration through a web interface or console, SSH, and HTTPS • Static NAT support 		

xvii). Technical Requirements for Internet Gateway or its equivalent

No.	Technical Specification and Performance Requirement	Compliance	Remarks
	The Internet gateway shall provide SIP proxy and call control as well as H.323 gatekeeper services. The internet gateway shall opens the world outside the firewall to organizations/users using video communications		
	<p>Internet gateway shall have the following features:</p> <ul style="list-style-type: none">• work with any H.323 or SIP device• easy deployment and high reliability• Can work with the firewall• Shall support multivendor• shall have H.323 gatekeeper feature• support SIP Proxy and SIP Registrar• support SIP trunk to the other GK/PBX/VG• Support IPv4 and IPv6 translation• support Policy-based call routing• support URI and ENUM dialing• support SIP presence and user agent• NAT transparent shall support enable secure traversal of any NAT firewall• Registration of endpoints from the internet side• support NAT STUN discovery and STUN relay• Firewall H.460.18/19 compliant• Firewall STUN compliant		

No.	Technical Specification and Performance Requirement	Compliance	Remarks
	<ul style="list-style-type: none"> • URI and ENUM dialing • support SIP presence and user agent • shall Supports up to 2500 registered devices • support URI dialing for scalability • Supports HTTPS, SSH, and SCP for management • support clustering for redundancy 		
	<p>CAPACITY</p> <ul style="list-style-type: none"> • support up-to 2500 endpoints • support up-to 500 internal calls • support up-to 100 external calls • support up-to 1000 trunk/GK 		

No.	Technical Specification and Performance Requirement	Compliance	Remarks
	<p>Main features</p> <p>SIP and H.323 support, including SIP/H.323 gatewayregistered endpoints</p> <ul style="list-style-type: none"> SIP and H.323 interworking <p>Bandwidth management on both a per-calland a total-usage basis</p> <ul style="list-style-type: none"> URI and ENUM dialing through DNS <p>Down-speeding option for calls that exceedthe available bandwidth</p> <p>Flexible zone configuration with prefix, suffix, and regular expression support</p> <p>Can be clustered with up to call control server for capacity and redundancy</p>		
	<p>Architecture</p> <ul style="list-style-type: none"> ITU-T H.323v6 compliant ITU-T H.225v6 compliant H.460.18/.19 compliant Support for H.460.19 multiplexed media 		
	<p>Call registration</p> <p>Supports manual registration of H.323 and SIP endpoints and application-programming-interface (API)</p> <p>Supports H.225/Q.931, H.245 call control routed mode, and non-call routed mode</p> <ul style="list-style-type: none"> Supports H.323-SIP Interworking Encryption Supports H.323-SIP Interworking DuoVideo <p>Supports registration of H.323 ID and E.164 aliasesand services</p> <p>Supports Unicode (UTF-8) registration for globalimplementation</p> <ul style="list-style-type: none"> Supports disconnect H.323 calls from the API interface 	call control	
	<p>Interfaces:</p> <p>4 X 10/100/1000 Ethernet ports (RJ-45)</p> <p>One console port</p>		
	<p>Network:</p> <p>Supports DNS addressing</p> <p>Supports IPv4 and IPv6</p> <p>Support IPv4 and IPv6 translation</p>		

No.	Technical Specification and Performance Requirement	Compliance	Remarks
	<p>Security</p> <ul style="list-style-type: none"> Secure management: HTTPS, SSH, and SCP Ability to lock down IP services Authentication required on HTTP(S), Telnet, SSH, SCP, and serial port Compatible with H.235 v2- and v3-enabled H.323 devices H.235 authentication support Transport Layer Security (TLS) for SIP signaling Roles-based password-protected GUI user access Ability to disable root access over Telnet or SSH Ability to enforce strict passwords 		
	<p>Management</p> <p>Support for industry standards such as Telnet, HTTP(S), XML, SNMP, SCP, and SSH</p> <ul style="list-style-type: none"> setup wizard for initial configuration support for the management software Call logging and diagnostics Support for logging Time zone setting 		

xviii). Technical Requirements for the Recording Component or its equivalent

No.	Technical Specification and Performance Requirement	Compliance	Remarks
1	The product's recording component must run an embedded operating system for system security and reliability.		
2	The product must allow users to start or stop recording from the control panel.		
3	The product must be able to simultaneously record three video channels and one presentation channel and, after packaging the channels into one file, implement live broadcast.		
4	The product must support recording in 1080p and 720p.		
5	Storage: ≥ 1 TB; can be expanded based on Authority requirements.		
6	The product must support at least 1000 hours' recording at 2 Mbit/s.		

Other Technical Requirements

No.	Technical Specification and Performance Requirement	Compliance	Remarks
1	The product must be scalable: It must be able to scale to a telepresence system with two rows of conference tables by adding hardware components and upgrading software.		
2	The product must offer a packaged solution (a specialized illumination, specialized furniture, acoustics, and environment design for layout and style consistency across conference rooms) with turnkey flexibility.		
3	The product must be integrated into the Bank's IP PABX to allow for IP phone extensions to dial into videoconference through voice and video.		

Note:

1. The specifications given in the list above are broad ones and there could be some variation in the specifications/ brand/ make/ model. It's allowed to propose an integrated system that supports various specifications as listed above. All proposed options will be considered.
2. For vendors that offer solutions where features such as Call recording, Call control, and Internet traversal gateway are integrated in a single system. Tenderers must indicate on the specification sheets and price schedule that the various features are integrated and supported in a single integrated system. Integrated solutions will be considered as long as the detailed specifications are all met.

Stage 2 (B). Technical Evaluation on Capacity to Deliver the Service

NO.	EVALUATION ATTRIBUTE	RESPONSE/Criteria for Scores	MAX. SCORE %	SCORE %
1	The Video Conference Solution architecture and project plan	A score of 5 marks for the propose architecture which should be highly integrated and scalable A score of 5 marks for a good project plan with milestones and deliverables	10	
	MAINTENANCE ENGINEERS			
2	Vendor Certified engineers with relevant qualifications in telecommunication or related field (attach CVs and copies of certifications). The engineers must have a minimum of three (3) years' experience in installation and	Experience of 3 years and above (5 marks/engineer up to a maximum of 20 marks) Experience of 3 years and above (5 marks/engineer up to a maximum of 20 marks)	40	

	maintenance of the proposed systems.			
	PAST PERFORMANCE		25	
3	Company's previous handling maintenance of the above systems during the last five (5) years. The project must have costed at least Kshs 10 million. Provide a list of at least five (5) major customers supported in the last 5 years. The	A score of 5 marks will be awarded to each valid reference		
4	Sample SLA outlining the core support components and associated penalties	SLA with standard clauses and proposed reporting, escalation channels and penalties	10	
			85 Marks	

Tenderers who score 75% and above on the Technical Evaluation and are compliant to the mandatory Technical specifications as provided in section VI will qualify to participate in a Financial Evaluation.

Tenderers should note that bids that will score 75% and above on the Technical Evaluation on Capacity to Deliver the Service and will qualify for Financial Evaluation.

Stage 3: Financial Evaluation Stage

Financial Evaluation

The bidder must meet the following requirement.

- (i) Must Fill the Price Schedule in the Format provided.
- (ii) The bidder with the lowest financial cost shall be recommended for award of this tender provided they have met all the mandatory preliminary and Technical requirements.

Award Criteria	The bidder with the lowest evaluated financial proposal will be recommended for the award of the contract.
----------------	--

Stage 4: Due Diligence Prior to award of the tender

The Authority may make site visits to the service provider's premises to ascertain its capability of delivering the contract/or seek for third party collaboration to the successful service provider's references to confirm the authenticity of information provided and the scope of work successfully undertaken.

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:
NOT APPLICABLE
Alternative Technical Solutions for specified parts of the Works, if permitted under ITT 13.4, will be evaluated as follows: **NOT APPLICABLE**
- ii) **Other Criteria**; if permitted under ITT 34.2 (e):
NOT APPLICABLE

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 was subject to post-qualification, the contract shall be awarded to the lowest evaluated tenderer, subject to confirmation of prequalification data, if so required.
- b) In case the tender was not subject to post-qualification, 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 average 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]* NOT 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 Non-performance 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 _____ *(specify years)*. 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

INSTRUCTIONS TO TENDERERS

- i) *The Tenderer must prepare this Form of Tender on stationery with its letterhead clearly showing the Tenderer's complete name and business address.*
- ii) *All italicized text is to help Tenderer in preparing this form.*
- iii) *Tenderer must complete and sign and TENDERER'S ELIGIBILITY- CONFIDENTIAL BUSINESS QUESTIONNAIRE, CERTIFICATE OF INDEPENDENT TENDER DETERMINATION and the SELF DECLARATION OF THE TENDERER, all attached to this Form of Tender.*
- (iv) *The Form of Tender shall include the following Forms duly completed and signed by the Tenderer.*
 - a) *Tenderer's Eligibility-Confidential Business Questionnaire*
 - a) *Certificate of Independent Tender Determination*
 - c) *Self-Declaration of the Tenderer.*

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

submission] **ITT No.:***[insert number of ITT process]*

Alternative No.: *[insert 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: *[Insert one of the options below as appropriate]*

Option 1, In case of one lot: Total price is: [insert the total price of the Tender in words and figures, indicating the various amounts and the respective currencies];

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];

- f) **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];*

- g) **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;
- h) **Performance Security:** If our Tender is accepted, we commit to obtain a Performance Security in accordance with the tendering document;
- i) **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;
- j) **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;
- k) **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];*
- l) **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.”)

- m) *[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) We, the Tenderer, have completed fully and signed 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]*

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]*

Title of the person signing the Tender: *[insert complete title of the 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.	1. Country 2. City 3. Location 4. Building 5. Floor 6. Postal Address 7. Name and email of contact person.
6	Current Trade License Registration Number and Expiring date	
7	Name, country and full address (<i>postal and physical addresses, email, and telephone number</i>) 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 addresses, email, and telephone 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.

i) Are there any person/persons in.....(*Name of Procuring Entity*) who has/have an interest or relationship in this firm? Yes/No.....

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 respect:

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 _____

[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.....in the Republic of.....do hereby make a statement as follows: -

1. THAT I am the Company Secretary/Chief Executive/Managing Director/Principal Officer/Director of (*insert name of the Company*) who is a Bidder in respect of **Tender No.** for.....(*insert tender title/description*) for..... (*insert name of the Procuring entity*) and duly authorized and competent to make this statement.
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.

I, of P. O. Box.....being a resident of.....in the Republic of.....do hereby make a statement as follows: -

1. THAT I am the Chief Executive/Managing Director/Principal Officer/Director of.....
..... (*insert name of the Company*) who is a Bidder in respect of **Tender**
No...... for (*insert tender title/description*) for (*insert name of the Procuring entity*) and duly authorized and competent to make this statement.
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.
3. THAT the aforesaid Bidder, its servants and/or agents/subcontractors have not offered any inducement to any member of the Board, Management, Staff and/or employees and/or agents of..... (*name of 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..... (person) on behalf of (*Name of the Business/Company/Firm*)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..... Telephone.....

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 Sub-contractors, 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 thereof 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 <i>[insert Tenderer's legal name]</i>
2. In case of JV, legal name of each member: <i>[insert legal name of each member in JV]</i>
3. Tenderer's actual or intended country of registration: <i>[insert actual or intended country of registration]</i>
4. Tenderer's year of registration: <i>[insert Tenderer's year of registration]</i>
5. Tenderer's Address in country of registration: <i>[insert Tenderer's legal address in country of registration]</i>
6. Tenderer's Authorized Representative Information Name: <i>[insert Authorized Representative's name]</i> Address: <i>[insert Authorized Representative's Address]</i> Telephone: <i>[insert Authorized Representative's telephone/fax numbers]</i> Email Address: <i>[insert Authorized Representative's email address]</i>
7. Attached are copies of original documents of <i>[check the box(es) of the attached original documents]</i> <input type="checkbox"/> 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. <input type="checkbox"/> In case of JV, Form of intent to form JV or JV agreement, in accordance with ITT 4.1. <input type="checkbox"/> A current 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. <input type="checkbox"/> In case of state-owned enterprise or institution, in accordance with ITT 4.6 documents establishing: <ul style="list-style-type: none">• 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, a list of Board of Directors, and the beneficial ownership.

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]*

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

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

1. Tenderer's Name: <i>[insert Tenderer's legal name]</i>
2. Tenderer's JV Member's name: <i>[insert JV's Member legal name]</i>
3. Tenderer's JV Member's country of registration: <i>[insert JV's Member country of registration]</i>
4. Tenderer's JV Member's year of registration: <i>[insert JV's Member year of registration]</i>
5. Tenderer's JV Member's legal address in country of registration: <i>[insert JV's Member legal address in country of registration]</i>
6. Tenderer's JV Member's authorized representative information Name: <i>[insert name of JV's Member authorized representative]</i> Address: <i>[insert address of JV's Member authorized representative]</i> Telephone/Fax numbers: <i>[insert telephone/fax numbers of JV's Member authorized representative]</i> Email Address: <i>[insert email address of JV's Member authorized representative]</i>
7. Attached are copies of original documents of <i>[check the box(es) of the attached original documents]</i> <input type="checkbox"/> 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. <input type="checkbox"/> 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, a list of Board of Directors, and the beneficial ownership.

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 on or 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.: _____

1. Whereas [*Name of the tenderer*] (hereinafter called “the tenderer”) has submitted its tender dated [*Date of submission of tender*] for the [*Name and/or description of the tender*] (hereinafter called “the Tender”) for the execution of _____ under Request for Tenders No. _____ (“the ITT”).
2. KNOW ALL PEOPLE by these presents that WE of [**Name of Insurance Company**] having our registered office at (hereinafter called “the Guarantor”), are bound unto [*Name of Procuring Entity*] (hereinafter called “the Procuring Entity”) in the sum of (Currency and guarantee amount) for which payment well and truly to be made to the said Procuring Entity, the Guarantor binds itself, its successors and assigns, jointly and severally, firmly by these presents.

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 and year)]

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

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

To:.....[complete name of Procuring Entity]

We, the undersigned, declare 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 signed _____ day 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
A	Local Labor			
1				
2				
3				
4				
5				
B	Sub contracts from Local sources			
1				
2				
3				
4				
5				
C	Local materials			
1				
2				
3				
4				
5				
D	Use of Local Plant and Equipment			
1				
2				
3				
4				
5				
E	Add any other items			
1				
2				
3				
4				
5				
6				
	TOTAL COST LOCAL CONTENT		XXXXX	
	PERCENTAGE OF CONTRACT PRICE			

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 equipment		
Equipment information	Name of manufacturer	Model and power rating
	Capacity	Year of manufacture
Current status	Current location	
	Details of current commitments	
Source	Indicate source of the equipment <input type="checkbox"/> Owned <input type="checkbox"/> Rented <input type="checkbox"/> Leased <input type="checkbox"/> 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 agreements specific to the project	

4 **FORM PER-1** 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 appointment:	<i>[insert the whole period (start and end dates) for which this position will be engaged]</i>
	Time commitment: for this position:	<i>[insert the number of days/week/months/ that has been scheduled for this position]</i>
	Expected time schedule for this position:	<i>[insert the expected time schedule for this position (e.g. attach high level Gantt chart)]</i>
2.	Title of position: [_____]	
	Name of candidate:	
	Duration of appointment:	<i>[insert the whole period (start and end dates) for which this position will be engaged]</i>
	Time commitment: for this position:	<i>[insert the number of days/week/months/ that has been scheduled for this position]</i>
	Expected time schedule for this position:	<i>[insert the expected time schedule for this position (e.g. attach high level Gantt chart)]</i>
3.	Title of position: [_____]	
	Name of candidate:	
	Duration of appointment:	<i>[insert the whole period (start and end dates) for which this position will be engaged]</i>
	Time commitment: for this position:	<i>[insert the number of days/week/months/ that has been scheduled for this position]</i>
	Expected time schedule for this position:	<i>[insert the expected time schedule for this position (e.g. attach high level Gantt chart)]</i>
4.	Title of position: [_____]	
	Name of candidate:	
	Duration of appointment:	<i>[insert the whole period (start and end dates) for which this position will be engaged]</i>
	Time commitment: for this position:	<i>[insert the number of days/week/months/ that has been scheduled for this position]</i>
	Expected time schedule for this position:	<i>[insert the expected time schedule for this position (e.g. attach high level Gantt chart)]</i>
5.	Title of position: <i>[insert title]</i>	
	Name of candidate:	
	Duration of appointment:	<i>[insert the whole period (start and end dates) for which this position will be engaged]</i>
	Time commitment: for this position:	<i>[insert the number of days/week/months/ that has been scheduled for this position]</i>
	Expected time schedule for this position:	<i>[insert the expected time schedule for this position (e.g. attach high level Gantt chart)]</i>

5 FORM PER - 2:

Resume and Declaration - Contractor's Representative and Key Personnel.

Name of Tenderer _____

Position [#1]: <i>[title of position from Form PER-1]</i>		
Personnel information	Name:	Date of birth:
	Address:	E-mail:
	Professional qualifications:	
	Academic qualifications:	
	Academic qualifications:	
	Language proficiency: <i>[language and levels of speaking, reading and writing skills]</i>	
	Language proficiency: <i>[language and levels of speaking, reading and writing skills]</i>	
Details	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
<i>[main project details]</i>	<i>[role and responsibilities on the project]</i>	<i>[time in role]</i>	<i>[describe the experience relevant to this position]</i>

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:	<i>[insert period (start and end dates) for which this Contractor's Representative or Key Personnel is available to work on this contract]</i>
Time commitment:	<i>[insert period (start and end dates) for which this Contractor's Representative or Key Personnel is available to work on this contract]</i>

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: <i>[indicate country of Constitution]</i>
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 <input type="checkbox"/> 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 <input type="checkbox"/> In case of JV, letter of intent to form JV or JV agreement, in accordance with ITT 4.1 <input type="checkbox"/> In case of state-owned enterprise or institution, in accordance with ITT 4.6, documents establishing: <ul style="list-style-type: none">• 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, a list of Board of Directors, and the beneficial ownership.

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 <input type="checkbox"/> 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. <input type="checkbox"/> 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, a list of Board of Directors, and the beneficial ownership.

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			
<input type="checkbox"/> Contract non-performance did not occur since 1 st January <i>[insert year]</i> specified in Section III, Evaluation and Qualification Criteria, Sub-Factor 2.1.			
<input type="checkbox"/> Contract(s) not performed since 1 st January <i>[insert year]</i> 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)
<i>[insert year]</i>	<i>[insert amount and percentage]</i>	Contract Identification: <i>[indicate complete contract name/ number, and any other identification]</i> Name of Procuring Entity: <i>[insert full name]</i> Address of Procuring Entity: <i>[insert street/city/country]</i> Reason(s) for nonperformance: <i>[indicate main reason(s)]</i>	<i>[insert amount]</i>
Pending Litigation, in accordance with Section III, Evaluation and Qualification Criteria			
<input type="checkbox"/> No pending litigation in accordance with Section III, Evaluation and Qualification Criteria, Sub-Factor 2.3.			
<input type="checkbox"/> Pending litigation in accordance with Section III, Evaluation and Qualification Criteria, Sub-Factor 2.3 as indicated below.			

Year of dispute	Amount in dispute (currency)	Contract Identification	Total Contract Amount (currency), Kenya Shilling Equivalent (exchange rate)
		Contract Identification: _____ Name of Procuring Entity: _____ Address of Procuring Entity: _____ Matter in dispute: _____ Party who initiated the dispute: _____ Status of dispute: _____	
		Contract Identification: _____ Name of Procuring Entity: _____ Address of Procuring Entity: _____ Matter in dispute: _____ Party who initiated the dispute: _____ Status of dispute: _____	
Litigation History in accordance with Section III, Evaluation and Qualification Criteria			
<input type="checkbox"/> No Litigation History in accordance with Section III, Evaluation and Qualification Criteria, Sub-Factor 2.4.			
<input type="checkbox"/> Litigation History in accordance with Section III, Evaluation and Qualification Criteria, Sub-Factor 2.4 as indicated below.			
Year of	Outcome as	Contract Identification	Total Contract Amount

Year of dispute	Amount in dispute (currency)	Contract Identification	Total Contract Amount (currency), Kenya Shilling Equivalent (exchange rate)
award	percentage of Net Worth		(currency), Kenya Shilling Equivalent (exchange rate)
<i>[insert year]</i>	<i>[insert percentage]</i>	Contract Identification: [indicate complete contract name, number, and any other identification] Name of Procuring Entity: <i>[insert full name]</i> Address of Procuring Entity: <i>[insert street/city/country]</i> Matter in dispute: <i>[indicate main issues in dispute]</i> Party who initiated the dispute: <i>[indicate "Procuring Entity" or "Contractor"]</i> Reason(s) for Litigation and award decision <i>[indicate main reason(s)]</i>	<i>[insert amount]</i>

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 _____ (currency)	Historic information for previous _____ years, _____ (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 Statement					
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:

- 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).
- Be independently audited or certified in accordance with local legislation.
- Be complete, including all notes to the financial statements.
- 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 Currency	Exchange rate	Kenya Shilling equivalent
<i>[indicate year]</i>	<i>[insert amount and indicate currency]</i>		
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.

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 Year	Ending Year	Contract Identification	Role of Tenderer
		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 <input type="checkbox"/>	Member in JV <input type="checkbox"/>	Management Contractor <input type="checkbox"/>	Sub-contractor <input type="checkbox"/>
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 Name³ (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 <input type="checkbox"/>	Member in JV <input type="checkbox"/>	Management Contractor <input type="checkbox"/>	Sub-contractor <input type="checkbox"/>
Total Contract Amount				Kenya Shilling
Quantity (Volume, number or rate of production, as applicable) performed under the contract per year or part of the year	Total quantity in the contract (i)	Percentage participation (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

Price Schedule

No.	Item Description	Quantity	Unit Price	Total Price
1.	MCU	1		
2.	Video Management System	1		
3.	PC Soft Clients	License for 20 concurrent sessions		
4.	CEO Board Room tele-presenceSystem	1		
5.	12 th and 23 rd Floor tele-presencesystem	2		
6.	CEO and Directors in-person Tele-presence end point	5		
8.	Call Control Server (or its equivalent)	1		
9.	Internet Traversal Gateway (or its equivalent)	1		
10.	Call Recording Server (or its equivalent)	1		
11.	Manufacturer's certification Training (including Flights accommodation, transportation and all associated costs).	3		
12.	Installation and commissioning of the above systems	1		
13.	Warranty and Support	2 years		
Total Prices inclusive of VAT(to be taken to the form of tender)				

WORK SCHEDULES AND SPECIFICATIONS

The Specifications and Priced Activity Schedules

Date: _____,

ITT No: _____,

Alternative No: _____

1	2	3	4	5	6	7
Service Line/ Package	Description of Services	Units	Delivery Date	Quantity and physical unit	Unit price	Total Price per Service (Col. 5*6)
<i>[insert number of the Service]</i>	<i>[insert name and full description of the services required]</i>	<i>[Insert number of such services required].</i>	<i>[insert delivery date at place of final destination per Service]</i>	<i>[insert number of units]</i>	<i>[insert unit price per unit]</i>	<i>[insert total price per unit]</i>
.1				above.		
No 2						
No 3						
No 4						
Service Package No 1						
Service Package No 2						
Service Package No 3						
Service Package No 4						
Total Tender Price						

Name of Tenderer *[insert complete name of Tenderer]* Signature of Tenderer *[signature of person signing the Tender]* Date *[insert date]*

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]

1) For the attention of Tenderer's Authorized Representative Name:*[insert Authorized Representative's name]*

Address:*[insert Authorized Representative's Address]*

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.]

DATE OF TRANSMISSION: 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]*

ITT No:*[insert ITT reference number from Procurement Plan].*

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.

(i) The successful Tenderer

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

(ii) Other Tenderers **[INSTRUCTIONS: insert names of all Tenderers that submitted a Tender. If the Tender's price was evaluated include the evaluated price as well as the Tender price as read out.]**

Name of Tenderer	Tender price	Evaluated Tender price (if applicable)
<i>[insert name]</i>	<i>[insert Tender price]</i>	<i>[insert evaluated price]</i>
<i>[insert name]</i>	<i>[insert Tender price]</i>	<i>[insert evaluated price]</i>
<i>[insert name]</i>	<i>[insert Tender price]</i>	<i>[insert evaluated price]</i>
<i>[insert name]</i>	<i>[insert Tender price]</i>	<i>[insert evaluated price]</i>
<i>[insert name]</i>	<i>[insert Tender price]</i>	<i>[insert evaluated price]</i>

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 complaints@ppra.go.ke)

4) Standstill Period

DEADLINE: The Standstill Period is due to end at midnight on *[insert date]* (local time).

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 please don't hesitate to contact us. On behalf of the Procuring Entity:

Signature:_____

Name:_____

Title/position:_____

Telephone:_____

Email:_____

2 Request for Review

FORM FOR REVIEW (r.203(1))

PUBLIC PROCUREMENT ADMINISTRATIVE REVIEW BOARD

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

BETWEEN

..... APPLICANT

AND

.....RESPONDENT (Procuring Entity)

Request for review of the decision of the..... (Name of the Procuring Entity ofdated the...day of20.....in the matter of Tender No.....of20..... for(Tender description).

REQUEST FOR REVIEW

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

- 1.
- 2.

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

- 1.
- 2.

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

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

SIGNED

Board Secretary

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 irrespctive 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

TECHNICAL SPECIFICATION

ICT Authority comprises three boardrooms that serve as central hubs for critical meetings, presentations, and collaborative sessions. These boardrooms are integral to day-to-day operations and require advanced video conferencing solutions to facilitate seamless communication among teams, clients, and stakeholders. The scope encompasses identifying and deployment of video conferencing solutions tailored to meet the specific needs of ICT Authority

Technical Requirements.

S.No	Item	Specification
T1	Camera	Smooth motorized pan Tilt and zoom Controlled from remote or console 10x lossless HD zoom wide field of view Full HD 1080p 30fps Scalable video coding Light color optimization Autofocus camera preset Far end control (PTZ) of conference cam product LED to confirm video streaming Speakerphone Microphone Hub
T2	Speakerphone	Full duplex performance Acoustic echo cancellation Noise reduction technology Ultra-wide band audio Bluetooth and NFC enabled LCD for caller ID, call duration and other functions LEDs for speakerphone streaming, mute, hold and Bluetooth Touch controls for call answer /end, volume and mute, Bluetooth plus camera
T3	Microphones	PTZ, home preset and far end control microphones Four omnidirectional microphones Higher frequency response Sensitivity Distortion feature
T4	Screen	High resolution 4k Full HD video 65` 4K UHD smart TV

S.No	Item	Specification
		HDMI and USB ports
T5	Software	UVC-compliant video and audio for broad application compatibility Offer recordings and transcriptions of meetings Provide screen sharing, whiteboard tools, third-party software integrations (PDAs and laptops) Stand-out features and ease of use
T6	Hardware	Central mountable hub for connection of all components Cables for connecting all the components USB/HDMI cables for connection to the display Ac power adapter
T7	Mounting Brackets	Dual purpose mount for wall placement or for elevating camera on table

SPECIFICATIONS OF VIDEO CONFERENCING SYSTEM

Specifications of Video conference cameras:

Parameter	Specifications
Sensor	The camera sensor should be 1/2.8 Exmor CMOS, 3.27 M or better.
Scene illumination	The camera should have a Minimum illumination of .1Lux.
White Balance	The camera should have an Option of Auto or Manual White Balance.
Gain	The camera should have an auto Gain Control
Back Light Compensation	The camera should have a selectable Back-light compensation
S/N ratio	The camera should have a S/N Ratio of >50db.
Focus	The camera Lens should have an Auto Focus.
Iris	The camera should have an Auto/Manual Iris
Optical Zoom	The camera should have a 20 X or more Optical Zoom.
Digital Zoom	The camera should have a 12 X or more digital Zoom.
Interface	The camera should have a standard Video Output either through USB 3.0 or through HDMI, DVI or better.
Signal Support	The camera should support signals: 1080P@30, 720P@30.
Control Port	The camera should have an RS 232 port for Communication (EIA/RS-232, EIA/RS-485Bidirectional)
Presets	The camera should have atleast 40 Position Presets
OSD	The camera should support OSD Menu for checking status

Image Flip	The camera should support Vertical and Horizontal Image Auto Flip
Pan Range	The camera should have a Pan Rotation Angle of -160 degrees to +160 Degrees or better
Tilt Range	The camera should have a Tilt Rotation Angle of -20 degrees to + 20 degrees or better
Accessory	The camera should be supplied with IR remote control as an included accessory.

Speaker and Microphone specifications:

Audio Interface	It should have USB 2.0 port or higher.
Output Port	It should have 3.5mm Stereo Output Port.
Gain	Should have a Speaker gain control of < 12 dB or better.
ALC	Should have an Automatic Level Control of < 18 dB or better.
Noise reduction	Should have a Noise Reduction of < 16dB or better
Output level	Should have an Output Level of > 87dBA or more
Pickup	Should have an Audio Pickup of 8ft radial or better.
AEC	Should have an Acoustic Echo Cancellation
Audio Features	Should have Automatic Echo Cancellation, Automatic Gain Control, Automatic Noise reduction, Automatic Non Linear Processing, Automatic Level Control, Automatic Microphone Equalizer.
Temperature	It should have an operating temperature of 0 to 40 degrees Celsius or better.
Humidity	It should support Non- Operating humidity (Non Condensation) of 20-85% or better.

Wireless Audio Conference Solution for Conference Room

Complete Audio Conference System comprising of 3 Wireless High gain omnidirectional microphones with inbuilt Battery backup for at least 10Hours along with the DSP based echo cancellation and Wireless base station and External Speakers.

MCU Specifications:

Sl.No.	Parameter	Specifications
1	MCU	Appliance based/Server based 10 FHD 1080p30/60 port MCU.The backup MCU appliance should also be provided along with it so that in case One MCU is down the other backup MCU Appliance is made up and running within few minutes. It should be scalable to support upto 50 Full HD Ports in the same hardware/Chasis.
2	Single Multi-PartyConference & Point to Point Call Support	Solution should be able to connect minimum 10 locations at Full HD resolution (1080p) in a Single Video conference and the Solution offered should also support 5 Concurrent Sessions of 2 Party Video Conference (Point to Point) each in Full HD Resolution from Day 1
3	Firewall traversal	System should support firewall traversal for secured calling thro' internet and Intranet right from day 1
4	H.323 with H.239 / SIP	The Solution should have capability to connect at least 5 Full High Definition IP Based H.323 / SIP based Hardware Video Conference devices at the same time at HD Resolution. The Solution should also able to share data presentations using H.239 with H.323 user.

5	Desktop & Mobile connectivity	Solution should support Windows desktop, Android, IOS Mobile devices right from day 1 and should offer 200 registered users from Day 1. Easy connectivity with MCU to be a part of video call.
6	Recording	MCU appliance should have either inbuilt video recording capability or offer external Video Recording Server with the capacity to Record Min 5 Concurrent full HD 1080p30/60 Secessions right from Day 1 with Min 3000 Hrs of Recording Storage at central location .
7	Data Collaboration	Solution should have capability to share Data in conference right from Day 1
8	Audio Codec	Solution should have G.711/ G.722 / G.723/ GIPS OR equivalent Audio Codec for good quality Audio communication at lower bandwidth

9	Video Codec	Solution should have H.264/ H.264 SVC/ H.264VBR/ H.264HP/H.264AVC /H.265 or better Video Codec for good video quality at lower bandwidth. It should also support mandatorily ITU Standard based H.264 and H.263 in order to ensure smooth interoperability between different systems
10	Security	System should be 128-bit Fully Encrypted Video Conference Meetings to ensure encrypted data flows between endpoint & MCU.
11	Multi Camera Channel Support	Solution should support three Cameras connectivity either inbuilt or through external Video mixer and all Cameras should be active at the same time and visible to far end location

Screens Specifications:

55 inch display:

Full HD, 1920x1080, Aspect ratio 16:9, Brightness 350nit, Contrast Ratio 5000:1, View Angel 178:178, Built in Speakers 10+10W, **Ports:** USB , HDMI-2, DVI, RJ45, VGA, RS232, 16X7 Application

65 Inch Display

Full HD, 1920x1080, Aspect ratio 16:9, Brightness 450nit, Contrast Ratio 5000:1, View Angel 178:178, Built in Speakers 10+10W, Built In Media Player, Ports: USB , HDMI-2, DVI, RJ45, VGA, RS232, 24X7 Application

TECHNICAL SPECIFICATIONS

xix). Technical Specifications of the MCU

No.	Technical Specification and Performance Requirement
1.	The product must be rack mountable, highly integrated and chassis-based and use an embedded operating system and a non-PC architecture.
2.	The product must comply with H.323, H.320, SIP, and Telepresence Interoperability Protocol (TIP) to offer high compatibility.
3.	The product must support TCP/IP, FTP/FTPS, RTP, RTCP, HTTP/HTTPS, SNMP, Telnet, SSH, and DNS/DDNS.
4.	The product must support H.221, H.225, H.235, H.242, H.243, H.245, H.281, H.283, H.460, FECC, RFC 2833, DTMF, SRTP, and TLS.
5.	The product must support H.264 HP, H.264 BP, H.264 SVC, H.263++, H.263+, H.263, and H.261.

6.	The product must be able to encode and decode 3840 x 2160 at 60 fps, 1080p50/60, 1080p25/30, 720p50/60, 720p30, 4CIF, CIF, and QCIF videos.
7.	The product must provide great video processing capability to save network bandwidth: able to encode and decode 3840 x 2160 at 60 fps, 1080p30 video at 512 kbit/s and 720p30 video at 384 kbit/.
8.	<p>The product must support up to 24 panes for continuous presence and provide universal transcoding to:</p> <ul style="list-style-type: none"> • Allow various endpoints using different bandwidths and video resolutions to join the same conference. • Enable each participant to have an individual continuous presence layout.
9.	The product must support symmetric continuous presence in 3840 x 2160 at 60 fps, 1080p60, 1080p30, or 720p so that the videos sent and received by a participant endpoint are at the same resolution.
10.	<p>The product must support presentation transcoding to enable:</p> <ul style="list-style-type: none"> • Sites with different codec capabilities and using different transmission rates to view a presentation at different resolutions and frame rates. • Sites that do not support presentation sharing to use the video channel to view a presentation. • A presentation to be added to continuous presence.
11.	<p>The product must:</p> <ul style="list-style-type: none"> • Allow a user to increase the number of supported ports by adding a service board or updating the license file.
12.	The product must provide at least 6 No. 1080p60 ports, 12 No. 1080p30, 24 No. 720p30 ports, or 48 No. SD ports, with the transmission rate for each port not lower than 6 Mbit/s.

No.	Technical Specification and Performance Requirement
13.	The product must support presentations using H.239 and SIP, the highest resolution of presentations being 3840 x 2160 at 60 fps
14.	The product must support the following audio protocols: G.711, G.722, G.722.1, G.722.1.C, G.728, G.729A, G.729AB, G.719, iLBC, AAC-LD mono, and AAC-LD stereo.
15.	The product must provide a 100/1000 Mbit/s auto negotiation network port and support IPv4/IPv6 dual stack.
16.	The product must deliver bandwidths ranging from 64 kbit/s to 6Mbit/s.
17.	The product must provide a web interface where a user can manage and maintain the MCU and schedule conferences.
18.	<p>The product must support SNMPv3, which enables a user to perform the following from a conference management system:</p> <ul style="list-style-type: none"> • Configure the MCU. • Manage MCU alarms. • Monitor the MCU's running status. • Update the MCU.
19.	<p>The product must provide great fault tolerance: The conference can go on even when the packet loss reaches 20%.</p> <p>The product must be able to dynamically adjust the resolutions for conference video streams to provide the best possible video experience.</p>
20.	The product must provide H.235 encryption over an H.323 network and TLS/SRTP encryption over a SIP network.
21.	The product must allow a participant endpoint to create or join a multipoint conference on the video IVR UI.
22.	The product must support calls using URIs.
23.	The product must allow a user to move participants between conferences.
24.	<p>The product must provide multiple conference control functions, including:</p> <ul style="list-style-type: none"> • Add, delete, broadcast, and view a participant • Set continuous presence • View participant status • View network statistics in real time
25.	The product must support DTMF conference control, which allows participants to use arrow keys or number keys to switch between continuous presence layouts and participant videos.
26.	The product must allow endpoint users to dial the unified access number to access the video IVR UI and join a conference.

No.	Technical Specification and Performance Requirement
27.	The product must be able to register with Microsoft Lync Server to enable Lync clients and videoconferencing endpoints to join the same conference.
28.	The product must provide UIs and product documentation in English.

xx). Technical Specifications of the Video Management System

No.	Technical Specification and Performance Requirement
1	Complete management of on-site and remote video systems, including statistics, directories, booking and software updates
2	Intuitive Web-based interface
3	Manages network and video equipment from multiple vendors
4	Manages calls made on multiple protocols (IP using H.323 and SIP, ISDN, V.35 and mixed calls)
5	Manages endpoints, MCUs, network infrastructure, and gateways directly Supports automatic creation of phone books, including Active Directory and H.350
6	Implements and manages automated software upgrades for video devices Easy mass configuration of systems
7	Detailed system and conference records
8	Intelligent diagnostics enabling rapid response
9	The product must allow a user to: <ul style="list-style-type: none"> • Query and modify settings of added devices. • Manage device configuration templates. • Apply the settings of a device configuration template to multiple devices.
10	The product must provide automatic detection of devices to facilitate device configuration.
11	The product must provide the following information on its home page to facilitate management: <ul style="list-style-type: none"> • Device monitoring information (number of alarms, online devices, and online users) • Utilization ratio of system resources (CPU and memory) • Conference information (number of ongoing and scheduled conferences) • Resource monitoring information (utilization ratio of MCUs and participants)

No.	Technical Specification and Performance Requirement
12	The product must support logging of system operations and query of logs. The logs record alarm operations, settings modification, and startup of MCUs and registration, startup, and settings modification of endpoints.
13	The product must provide alarm functions and allow a user to view the content, level, and status of alarms.
14	System summary page for fast access to most-used information Consolidated list of open tickets with links to recommended fixes
15	Integrated Network Monitoring Support— Integrates any SNMP network monitoring tool
16	Event notification prevents and minimizes negative service level
17	Track all system usage and identify trends — packet loss, bandwidth usage, system auditing
18	Call Detail Records and Statistics (CDRs)
19	Scheduling or ad-hoc calling for video, audio, Web and data conferences
20	Schedule conferences, book rooms and invite participants .

xxi). Technical Specifications of the PC Soft Client

No.	Specifications Requirement
1.	Incorporates H.239, HD Dual Stream for simultaneously sending and receiving video + data streams
2.	Multiple viewing modes from mini mode to full-screen
3.	High definition video and audio quality videoconferencing
4.	Fully compatible with latest Windows OS
5.	Fully compatible with Apple OS
6.	Support Remote software upgrades to guarantee uniformity across the organization
7.	Support for desktop presentations and file sharing

xxii).

Technical Specifications of the Fixed Telepresence system for (CEO Boardroom)

No.	Technical Specification and Performance Requirement
1.	The video conferencing unit should have 65 Inch screens.
2.	The product should support a touch control device
3.	The product must be able to interoperate with traditional HD and SD videoconferencing systems.
4.	The product must be highly integrated with the display screens, cameras, speakers, microphones, codecs, control devices, equipment rack, and conference table. Cables must be out of view to contribute to the system's sleek appearance.
5.	The product must be environmentally friendly with efficient power consumption. <i>(please indicate power consumption per hour)</i>
6.	The bezel width of two contiguous screens of the product shall be equal to or smaller than 5.5 mm (0.22 inch).
7.	The product must be able to be used for local conferences with 10 participants or more when it is not used for telepresence conferences.
8.	The product must not occupy too much space of a conference room and must be able to be used in a conference room equal to or smaller than 5000 mm x 4000 mm (196.85 in. x 157.48 in.).
9.	The product must deliver an "in-person" conference experience with support for the following: <ul style="list-style-type: none">• Three-channel stereo audio• Three or more microphone inputs• Lip sync• Sound localization.
10.	The product cannot be a mere patchwork of HD videoconferencing endpoints and cameras. The system must provide a telepresence host to stitch images, toggle between video, and process audio in an intelligent, efficient, and unified way.
11.	The dedicated camera used in the product must be integrated: The three lenses must function as a whole to implement seamless image stitching without shadows. Independent HD cameras are unacceptable.
12.	The dedicated camera of the product must be able to support seamless stitching of images with different depths of field and capture 5760 x 1080 60p (48:9) panoramic images.

13.	The product must support the H.235 encryption protocol and 128-bit (or more) encryption algorithms for media stream and signaling encryption. The used encryption protocols must not preclude the interoperability with traditional videoconferencing systems.
14.	The product must provide great network adaptability: The audio-visual quality of the conference is hardly affected even when the packet loss is 5%; the conference can continue even when the packet loss is 8%.
15.	The product must use an integrated design, provide front access, and be able to stand against the wall. It must support unified configuration, upgrade, monitoring, and diagnostics.
16.	System management via embedded SNMP, Telnet, SSH, XML, SOAP, remote software upload: via web server, SCP, HTTP, HTTPS, 1 x RS-232 for local control and diagnostics, remote control and on-screen menu system.
17.	The product must be able to simultaneously record three video channels and one presentation channel and, after packaging the channels into one file, implement live broadcast.
18.	The telepresence host's web interface must: Be intuitive. Allow administrators to configure parameter settings and check devices' operating status. Generate alarms to notify administrators of device malfunction. Highlight malfunctioning devices in red.
19.	The product must support H.239 and SIP dual stream.
20.	Should have internal bridge to support up-to 6 incoming calls
21.	The product must support H.239 for presentation sharing with traditional HD and SD videoconferencing systems.
22.	The product must support H.323, H.320, SIP, and RFC 3261, TIP The product must support H.221, H.225, H.230, H.231, H.233, H.234, H.235, H.241, H.242, H.243, H.245, H.281, H.283, H.350, H.460, and T.140. The product must support TCP, FTP, DHCP, SNMP, Telnet, HTTP, PPPoE, RTP, and RTCP.

23.	<p>Requirements for Video:</p> <p>The product must support H.264, H.263, and H.261 for interoperation with traditional HD and SD videoconferencing systems.</p> <p>The product must support multi-channel image stitching and deliver an HD, true-to-life conference experience with the impression of making eye contact.</p> <p>The product must provide great video codec capability and be able to transmit 1080p30 video at 1 Mbit/s and 720p30 video at 768 kbit/s.</p>
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xxiii). Technical Specifications for 12th and 23rd Board room Telepresence System

Index	Technical Specification and Performance Requirement
Overall requirement	The product must be highly integrated for simplified deployment, incorporating a codec, microphone, and camera.
	The product must be highly integrated and provide at least one HD display with a size of 55 inches or larger as standard.
	The product's codec must have an embedded system installed and use a non-PC architecture. It must be stable enough to operate 24/7.
	The product must have a data sheet and product introduction in English at the official website of the product's original supplier.
	The product must support 1080p30 and 720p60 video codec capabilities.
	The product must come with wheels to be moved and deployed conveniently. Floor standing footplate
	The product should support a touch control device
	Should have internal bridge to support up-to 6 incoming calls
Communication protocol	The product must support H.323 and SIP for interoperability.
	The product must support TCP/IP, FTP, FTPS, DHCP, SNMP, Telnet, SSH, HTTP, HTTPS, PPPoE, RTP, RTCP, and SNTP.

Index	Technical Specification and Performance Requirement
	The product must support H.221, H.225, H.230, H.231, H.233, H.234, H.235, H.241, H.242, H.243, H.245, H.281, H.283, H.350, H.460, T.140, TLS, and SRTP.
Video Feature	The product must support H.263, H.263+, H.264 Basic Profile (BP), H.264 High Profile (HP), and H.264 Scalable Video Coding (SVC).
	The product must support 1080p25/30, 720p50/60, 720p25/30, 4CIF, and CIF.
	The camera provided with the product must provide a horizontal angle of view of 72° or more and at least 30 camera presets.
	The product must provide great video processing capability to save network bandwidth: able to encode and decode 1080p30 video at 512 kbit/s and 720p30 video at 384 kbit/s and able to place and receive video calls at 64 kbit/s.
	The product must support presentations using H.239 and SIP and be able to transmit 1080p video and presentations at the same time.
Audio Feature	The product must support G.711, G.722, G.722.1, G.722.1C, G.728, and AAC-LD.
	The product must adopt acoustic echo cancellation (AEC), automatic noise suppression (ANS), and automatic gain control (AGC).
	The product must provide an omnidirectional digital microphone array that: <ul style="list-style-type: none"> • Support an optimal pick-up range of six meters and 360-degree voice pickup. • Allow cascading of up to three microphones for usage in small to large conference rooms.
	The microphone provided with the product must provide a sampling rate of up to 48 kHz.
	The microphone provided with the product must support PoE and be able to operate without additional power supplies.
Network feature	The product must support IPv4/IPv6 dual stack.
	The product must provide a 10/100 Mbit/s autonegotiation network port and bandwidths from 64 kbit/s to 4 Mbit/s.
	The product must integrate a Wi-Fi module to implement video communication over a Wi-Fi network.

Index	Technical Specification and Performance Requirement
	The product must provide great network adaptability so that a conference can go on even when the packet loss reaches 20%.
Functional feature	The product must provide H.235 encryption over an H.323 network and TLS/SRTP encryption over a SIP network to improve conference security.
	<p>The product must provide the chair site with the following conference control functions:</p> <ul style="list-style-type: none"> • Broadcast, view, add, and delete a site • Mute and unmute microphones • Mute and unmute speakers • Set continuous presence • End a conference
	The product must allow a user to initiate a multipoint conference by defining a conference template and adding multiple sites from the address book to the template.
	The product must be able to register with Microsoft Lync Server to hold point-to-point video calls with Lync clients directly.
	The product must allow a user to import a configuration file using the USB port, which facilitates installation and deployment. The configuration file must include conference settings and names, IP addresses, and H.323 registration of sites.
	The product must support SNMPv3 and enable a user to apply settings on the conference management platform to it and update its software from the conference management platform.
	The product must provide voice dialing so a user can call a site by speaking the name of that site.
	The product must provide an address book that can store 1000 or more entries.
	The product must support transmission of T.140 captions and messages during conferences.
	The product must support H.460 for audiovisual communication across firewalls.
Display Feature	The product's display must be of a recognized brand and have an LCD screen with LED backlights and a size not smaller than 55 inches.

Index	Technical Specification and Performance Requirement
	The product's display must support the physical screen resolution of 1920 x 1080 pixels and the aspect ratio of 16:9.
	The product must provide at least two HDMI ports, one YPbPr/YCbCr port, and one VGA port.
	The product must meet the following requirements: <ul style="list-style-type: none"> • Operating voltage: 220 V • Rated power: ≤ 130 W

xxiv). Technical Requirements for CEO and Directors Office Tele-presence System

No.	Technical Specification and Performance Requirement
1.	The video conferencing unit should have 55-inch display
2.	The product should be streamlined for use in private offices for easy installation, requiring little-to-no room remediation and minimal room modifications.
3.	The product should have 3840 x 2160 at 60 fps to full HD resolutions
4.	The product should be simple one-button-to-push calling integrates with common calendaring programs such as outlook and IBM Lotus notes.
5.	The product should offer presentation-in-picture feature enables easy content sharing; a connector is available for adding a dedicated auxiliary display.
6.	The product should offer the ability to share content up to 30 frames per second.
7.	The product should be able to integrate lighting eliminate facial shadows and provides natural-looking video.
8.	The product should include two-dimensional microphone array allows for additional audio clarity; you can also add a privacy headset.
9.	The product should support up-to 4 Mbps (1080p, 30fps) for IP connections.
10.	The product should support a touch control device
11.	The product should offer flexible deployment options include a choice of pedestal, tabletop, or custom mounted scenarios. The bidder will be required to deploy the option the Bank chooses at no additional cost.

xxv). Technical Requirements for Audio system for Tele-presence Boardroom Solutions

No.	Technical Specification and Performance Requirement
1	The product must support G.711, G.722, G.728, AAC-LD stereo, or other protocols for 20 kHz or higher wideband audio).
2	The product must support three-channel audio to provide sound localization and an in-person conference experience.
3	The product must be able to provide high-fidelity stereo audio, which is faithfully reproduced and allows participants to effortlessly locate the speaker.
4	The product must support Automatic Echo Cancellation (AEC), Automatic Gain Control (AGC), and Automatic Noise Suppression (ANS).
5	The product must be resistant to electromagnetic interference (EMI). (EMI resources include electronic devices such as mobile phones.)
6	The product must provide a 3.5 mm audio jack, enabling audio input from a PC.
7	The product must provide at least three speakers to help ensure optimal three-channel audio quality.
8	The product must allow at least six microphone inputs, that is, one microphone for each participant. The microphones must be embedded in the conference table, not to detract from the system appearance or distract participants' attention.
9	The speakers and microphones used in the product must be of recognized brands.
10	The product must allow users to press the microphone mute button on the tabletop to mute all local microphones.
11	The product must automatically provide lip sync throughout conferences.

xxvi). Technical Requirements for HD Dual Stream or its equivalent

No.	Technical Specification and Performance Requirement
1.	The product must support H.239 for presentation sharing with traditional HD and SD videoconferencing systems.
2.	The product must support presentation plug-and-share, and also allow users to manually start or stop sharing presentation from the control panel.

No.	Technical Specification and Performance Requirement
3.	The product must support up to 1080p30 for both video and presentation, to deliver full HD motion dual stream.
4.	The product must support simultaneous transmission of a PC desktop and audio for an improved dual stream experience.
5.	The product must allow users to view presentation on the 65-inch displays by operating the control panel.
6.	The conference table used in the product must provide data interfaces to allow PC desktop input.
7.	The presentation delivered by the product must be in high definition, enabling characters of the 6.5 font size to be displayed clearly.

xxvii). Technical Requirements for System Functionality

No.	Technical Specification and Performance Requirement
1	The product must provide one-tap power-on/off for the entire system, including the display screens, codecs, dedicated cameras, and tabletop displays.
2	The product must allow users to use the address book on the control panel to initiate point-to-point or multipoint conferences, for which the conference bandwidth, number of panes in continuous presence, and participants are configurable.
3	The product must allow users to use the onscreen keypad to dial site numbers and create telepresence conferences.
4	The product must allow users to select one or more groups from the address book on the control panel, and call all members in the selected groups to join the same telepresence conference.
5	The product must support automatic address book update.
6	The product must allow users to define multiple conference templates for faster conference initiation.
7	The product must allow users to mute/unmute the local microphone and adjust the local volume from the control panel.

No.	Technical Specification and Performance Requirement
8	The product must allow users to operate the control panel to perform the following: <ul style="list-style-type: none"> • Start and stop sharing presentation. • Open and close the tabletop displays. • Enable the presentation to be displayed on the 65/55 -inch display screens.
9	The product must allow users to turn on or off the local Picture in Picture (PiP) from the control panel. (The local PiP is the result of the dedicated tri-lens camera's image stitching and is superimposed on the video on the center display screen.)
10	The product must support editable scripts and allow the scripts to be transparently superimposed onto the video on the center display screen.
11	The product must allow users to use the control panel to obtain help information.
12	The product must allow users to use the control panel to obtain conference details (such as the bandwidth, audio protocol, and video protocol).
13	The product must allow users to operate the control panel to perform conference control operations, including: <ul style="list-style-type: none"> • Broadcast a site. • View a site. • Add/Delete a site. • Call/Disconnect a site. • Mute/Unmute local and remote microphones. • Mute/Unmute local and remote speakers. • End a conference.
14	The product must support voice activation switching by site and by speaker.

xxviii). Technical Requirements for Network Adaptability

No.	Technical Specification and Performance Requirement
1	The product must support an access rate of up to 6Mbit/s for each screen.
2	The product must provide great network adaptability and fault tolerance: The audio-visual quality of the conference is hardly affected even when the packet loss is 5%; the conference can continue with normal audio-visual quality even when the packet loss is 8%.

No.	Technical Specification and Performance Requirement
3	The product must have its packet loss concealment automatically enabled once packet loss occurs. Manual enabling of packet loss concealment diminishes the system usability and is unacceptable.
4	The product must support intelligent bandwidth control: <ul style="list-style-type: none"> • When network congestion occurs or bandwidth becomes insufficient, the system automatically reduces the current conference bandwidth to provide the best possible conference quality at the bandwidth available. • When the network recovers, the system automatically increases the conference bandwidth to the normal level.
5	The product must provide quality of service (QoS) assurance and support IP precedence, type of service (TOS), and Differentiated Services (DiffServ).
6	The product must be able to reconnect upon disconnection, that is, when the system exits a conference due to network connection faults, it automatically re-joins the conference once the faults are rectified.

xxix). Technical Requirements for Maintenance and Management

No.	Technical Specification and Performance Requirement
1	The product's major components (codecs, dedicated camera, host, and display screens) must have their cables hidden and cable routing out of view, to prevent inadvertent cable disconnection.
2	The product must provide a unified maintenance and management user interface to set devices' parameters and monitor devices' status. Using multiple management user interfaces to maintain and manage the system is unacceptable.
3	The product must allow import and export of configuration files in XML format.
4	The product must provide an intuitive maintenance and management user interface, which: <ul style="list-style-type: none"> • Allows administrators to configure parameter settings and check devices' operating status. • Generates alarms to notify administrators of device malfunction. • Highlights malfunctioning devices in red.

No.	Technical Specification and Performance Requirement
5	The product must allow administrators to intuitively check the connection between devices from the maintenance and management user interface to facilitate troubleshooting.
6	The product must allow administrators to check the sound pickup status and volume of microphones from the maintenance and management user interface.
7	The maintenance and management user interface must support English
8	The product must allow remote upgrade for its components (including the host, codecs, control panel, and tabletop displays) over the IP network.

xxx). Technical Specifications for Tele-presence-dedicated Cameras

No.	Technical Specification and Performance Requirement
1	<p>The product must use a tri-lens camera that meets the following requirements:</p> <ul style="list-style-type: none"> • Dedicated to telepresence systems. • Highly integrated. • Function as a whole to provide seamless image stitching without shadows <p>Independent, traditional HD cameras are unacceptable for telepresence systems, because if one of the cameras is moved, the overall image stitching quality will be adversely affected.</p>
2	The dedicated tri-lens camera must be fixed and cannot be changed by users to prevent image stitching from being affected by human factors.
3	The dedicated tri-lens camera must be perfectly integrated with other components of the telepresence system, not to obstruct the displays or detract from the system appearance and user experience.
4	The dedicated tri-lens camera must support up to 1080p60 to deliver the optimal video definition and smoothness.
5	The dedicated tri-lens camera must support various video formats, such as 1080p30 and 720p60.
6	The dedicated tri-lens camera must have a sensor size not smaller than 1/3 inch.

xxxi). Technical Requirements for Display Screens

No.	Technical Specification and Performance Requirement
1	The product must have at least three 65-inch or larger plasma display screens that support the 1920 x 1080p resolution and the 16:9 aspect ratio for the main Head Office telepresence system.
2	The HD displays used in the product must be at the correct angle to each other to provide the best possible viewing angle for participants. Placing the three display screens in the same plane is unacceptable.
3	Screen's service life: ≥ 100000 hours.
4	The display screens must provide HDMI, RJ45, DVI, and VGA ports.
5	Screen's contrast: $\geq 5000000:1$.
6	Active display area (W x H): ≥ 1434 mm x 806 mm.
7	<ul style="list-style-type: none"> • For one display screen: • Operating voltage: 220 V AC 50/60 Hz. • Power consumption: ≤ 550 W.

xxxii). Technical Requirements for the Tele-presence Encoder or its equivalent

No.	Technical Specification and Performance Requirement
1	The product must have a telepresence host specialized for video switching, audio mixing, and device management in a unified manner, to facilitate system maintenance and improve system reliability and stability.
2	The telepresence host must be of the same brand as the MCU, codec, and dedicated camera to ensure maximum compatibility and unified maintenance.
3	The telepresence host must use an embedded operating system and chassis-based architecture to help ensure system security.
4	The telepresence host must be responsible for the easy and intelligent switching between the system's video inputs and outputs; must provide at least 6 video input ports and at least 6 video output ports; and must support 1080p60.
5	The telepresence host must be responsible for encoding, decoding, and mixing the system's audio, providing the optimal audio quality and unified audio processing capability; must support at least six XLR connectors for microphone input.

No.	Technical Specification and Performance Requirement
6	The telepresence host must provide at least two RJ45 ports and allow separation of the management network interface from the service network interface.
7	The telepresence host must support at least 16 serial ports through which commands are sent to control peripheral devices.
8	The telepresence host must provide a built-in web server for browser-based configuration; must allow login using TFTP or HTTPS.
9	The telepresence host's built-in web interface must support English.
10	The telepresence host must allow users to configure system settings in a unified manner from the web interface, import and export configuration files in XML format, restore the system to default settings, save user settings, and restore the system to user settings previously saved.
11	<p>The telepresence host's web interface must:</p> <ul style="list-style-type: none"> • Be intuitive. • Allow administrators to configure parameter settings and check devices' operating status. • Generate alarms to notify administrators of device malfunction. • Highlight malfunctioning devices in red.
12	The telepresence host must allow users to manage, import, and export the address book.

xxxiii). Technical Requirements for Assembly Components

No.	Technical Specification and Performance Requirement
1	The bidder must provide assembly components and telepresence-dedicated conference tables.
2	The product's components (including the assembly components, conference table, and display screens) must be highly integrated to present a sleek appearance.
3	The product must have its cables hidden and cable routing inside the components.
4	The product must provide at least two multi-functional sockets, each having at least one RJ45 port, one DVI or VGA port (for presentation input), one 3.5 mm audio jack, and one power port.
5	<ul style="list-style-type: none"> • Dimensions (H x W x D): 1840 mm x 5600 mm x 3200 mm. • Weight: < 1500 kg.

xxxiv). Technical Requirements for Call Control Server or its equivalent

No.	Technical Specification and Performance Requirement
1.	The Call Control server shall provide SIP proxy and call control as well as H.323 gatekeeper services. The call control server shall open the world outside the firewall to organizations/users using video communications
2.	<p>Architecture</p> <ul style="list-style-type: none"> • Secure appliance-based architecture • Flash memory and hard drive • ITU-T H.323v6 compliant • ITU-T H.225v6 compliant • H.460.18/.19 compliant • Support for H.460.19 multiplexed media
3.	<p>Call registration</p> <ul style="list-style-type: none"> • Supports manual/automatic registration of H.323 and SIP endpoints and application-programming-interface (API) call control • Supports H.225/Q.931, H.245 call control routed mode, and non-call routed mode • Supports H.323-SIP Interworking Encryption • Supports H.323-SIP Interworking DuoVideo • Supports registration of H.323 ID and E.164 aliases and services • Supports Unicode (UTF-8) registration for global implementation • Supports disconnect H.323 calls from the API interface • Supports URI dialing • Supports direct call signaling • Supports Call Policy Management (RFC 3880), including Call Policy and User Policy • Supports conference hunting for multipoint-control-unit (MCU) cluster support • Supports call routed mode • Supports call loop detection mode
4.	<p>Interfaces:</p> <ul style="list-style-type: none"> • 4 X 10/100/1000 Ethernet ports (RJ-45) • One console port

No.	Technical Specification and Performance Requirement
5.	Network: <ul style="list-style-type: none"> • Supports DNS addressing • Supports IPv4 and IPv6 • Support IPv4 and IPv6 translation
6.	Security <ul style="list-style-type: none"> • Secure management: HTTPS, SSH, and SCP • Ability to lock down IP services • Authentication required on HTTP(S), Telnet, SSH, SCP, and serial port • Compatible with H.235 v2- and v3-enabled H.323 devices • H.235 authentication support • Transport Layer Security (TLS) for SIP signaling • Roles-based password-protected GUI user access • Ability to disable root access over Telnet or SSH • Ability to enforce strict passwords
7.	Management <ul style="list-style-type: none"> • Support for industry standards such as Telnet, HTTP(S), XML, SNMP, SCP, and SSH • setup wizard for initial configuration • support for the management software • Call logging and diagnostics • Support for logging • Time zone setting

No.	Technical Specification and Performance Requirement
8.	<p>Call control server shall have the following features:</p> <ul style="list-style-type: none"> • support work with any H.323 or SIP device • easy deployment and high reliability • Can work with the firewall • Shall support multivendor • Secure, reliable • shall have H.323 gatekeeper feature • support SIP Proxy and SIP Registrar • support SIP trunk to the other GK/PBX/VG • Support IPv4 and IPv6 translation • support Policy-based call routing • support URI and ENUM dialing • support device authentication • support SIP presence and user agent • shall Supports up to 2500 registered devices • support URI dialing for scalability • Supports HTTPS, SSH, and SCP for management • support clustering for redundancy
9.	<p>Capacity</p> <ul style="list-style-type: none"> • support up-to atleast 500 endpoints • support up-to 500 internal calls • support up-to 100 external alls • support up-to 1000 trunk/GK

No.	Technical Specification and Performance Requirement
10.	<p data-bbox="305 258 505 289">Main features</p> <ul data-bbox="337 306 1279 428" style="list-style-type: none"> <li data-bbox="337 306 1279 373">• SIP and H.323 support, including SIP/H.323 gateway registered endpoints <li data-bbox="337 390 943 428">• IPv4 and IPv6 support and Interworking <p data-bbox="305 449 690 487">SIP and H.323 interworking</p> <ul data-bbox="337 499 1357 1213" style="list-style-type: none"> <li data-bbox="337 499 1258 567">• Bandwidth management on both a per-call and a total-usage basis <li data-bbox="337 575 878 613">• URI and ENUM dialing through DNS <li data-bbox="337 617 1203 684">• Down-speeding option for calls that exceed the available bandwidth <li data-bbox="337 693 1222 760">• Flexible zone configuration with prefix, suffix, and regular expression support <li data-bbox="337 768 1289 848">• Can be clustered with up to call control server for capacity and redundancy <li data-bbox="337 856 591 894">• Name clusters <li data-bbox="337 903 732 940">• endpoint authentication <li data-bbox="337 949 618 987">• Register control <li data-bbox="337 995 678 1033">• Administrator policy <li data-bbox="337 1041 915 1079">• Setup wizard for initial configuration <li data-bbox="337 1087 1357 1167">• System administration through a web interface or console, SSH, and HTTPS <li data-bbox="337 1176 656 1213">• Static NAT support

xxxv). Technical Requirements for Internet Gateway or its equivalent

No.	Technical Specification and Performance Requirement
	<p>The Internet gateway shall provide SIP proxy and call control as well as H.323 gatekeeper services. The internet gateway shall opens the world outside the firewall to organizations/users using video communications</p>
	<p>Internet gateway shall have the following features:</p> <ul style="list-style-type: none"> • work with any H.323 or SIP device • easy deployment and high reliability • Can work with the firewall • Shall support multivendor • shall have H.323 gatekeeper feature • support SIP Proxy and SIP Registrar • support SIP trunk to the other GK/PBX/VG • Support IPv4 and IPv6 translation • support Policy-based call routing • support URI and ENUM dialing • support SIP presence and user agent • NAT transparent shall support enable secure traversal of any NAT firewall • Registration of endpoints from the internet side • support NAT STUN discovery and STUN relay • Firewall H.460.18/19 compliant • Firewall STUN compliant • URI and ENUM dialing • support SIP presence and user agent • shall Supports up to 2500 registered devices • support URI dialing for scalability • Supports HTTPS, SSH, and SCP for management • support clustering for redundancy

	<p>CAPACITY</p> <ul style="list-style-type: none">• support up-to 2500 endpoints• support up-to 500 internal calls• support up-to 100 external calls• support up-to 1000 trunk/GK
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No.	Technical Specification and Performance Requirement
	<p>Main features</p> <ul style="list-style-type: none"> SIP and H.323 support, including SIP/H.323 gateway registered endpoints SIP and H.323 interworking Bandwidth management on both a per-call and a total-usage basis URI and ENUM dialing through DNS Down-speeding option for calls that exceed the available bandwidth Flexible zone configuration with prefix, suffix, and regular expression support Can be clustered with up to call control server for capacity and redundancy
	<p>Architecture</p> <ul style="list-style-type: none"> ITU-T H.323v6 compliant ITU-T H.225v6 compliant H.460.18/.19 compliant Support for H.460.19 multiplexed media
	<p>Call registration</p> <ul style="list-style-type: none"> Supports manual registration of H.323 and SIP endpoints and application-programming-interface (API) Supports H.225/Q.931, H.245 call control routed mode, and non-call routed mode Supports H.323-SIP Interworking Encryption Supports H.323-SIP Interworking DuoVideo Supports registration of H.323 ID and E.164 aliases and services Supports Unicode (UTF-8) registration for global implementation Supports disconnect H.323 calls from the API interface
	<p>Interfaces:</p> <ul style="list-style-type: none"> 4 X 10/100/1000 Ethernet ports (RJ-45) One console port
	<p>Network:</p> <ul style="list-style-type: none"> Supports DNS addressing Supports IPv4 and IPv6 Support IPv4 and IPv6 translation

No.	Technical Specification and Performance Requirement
	<p>Security</p> <ul style="list-style-type: none"> Secure management: HTTPS, SSH, and SCP Ability to lock down IP services <p>Authentication required on HTTP(S), Telnet, SSH, SCP, and serial port</p> <p>Compatible with H.235 v2- and v3-enabled H.323 devices</p> <ul style="list-style-type: none"> H.235 authentication support Transport Layer Security (TLS) for SIP signaling Roles-based password-protected GUI user access Ability to disable root access over Telnet or SSH Ability to enforce strict passwords
	<p>Management</p> <p>Support for industry standards such as Telnet, HTTP(S), XML, SNMP, SCP, and SSH</p> <ul style="list-style-type: none"> setup wizard for initial configuration support for the management software Call logging and diagnostics Support for logging Time zone setting

xxxvi). Technical Requirements for the Recording Component or its equivalent

No.	Technical Specification and Performance Requirement
1	The product's recording component must run an embedded operating system for system security and reliability.
2	The product must allow users to start or stop recording from the control panel.
3	The product must be able to simultaneously record three video channels and one presentation channel and, after packaging the channels into one file, implement live broadcast.
4	The product must support recording in 1080p and 720p.
5	Storage: ≥ 1 TB; can be expanded based on Authority requirements.
6	The product must support at least 1000 hours' recording at 2 Mbit/s.

Other Technical Requirements

No.	Technical Specification and Performance Requirement
1	The product must be scalable: It must be able to scale to a telepresence system with two rows of conference tables by adding hardware components and upgrading software.
2	The product must offer a packaged solution (a specialized illumination, specialized furniture, acoustics, and environment design for layout and style consistency across conference rooms) with turnkey flexibility.
3	The product must be integrated into the Bank's IP PABX to allow for IP phone extensions to dial into videoconference through voice and video.

Note:

1. The specifications given in the list above are broad ones and there could be some variation in the specifications/ brand/ make/ model. It's allowed to propose an integrated system that supports various specifications as listed above. All proposed options will be considered.
2. For vendors that offer solutions where features such as Call recording, Call control, and Internet traversal gateway are integrated in a single system. Tenderers must indicate on the specification sheets and price schedule that the various features are integrated and supported in a single integrated system. Integrated solutions will be considered as long as the detailed specifications are all met.

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 Clause 1 of 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. Commencement, Completion, Modification, and Termination of Contract

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
- b) 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) entering into a subcontract for the performance of any part of the Services,
- 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 B in 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 plus or minus percentage. The percentage already worked out during tender evaluation is worked out as follows: $(\text{corrected tender price} - \text{tender price}) / \text{tender price} \times 100$.

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:

$$P_c = A_c + B_c \text{ Lmc/Loc} + C_c \text{ Imc/Ioc}$$

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 Z_o/Z_n will be applied to the respective component factor of p_n for the formula of the relevant currency. Z_o 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 Z_n 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. Settlement of Disputes

8.1 Contractor's Claims

- 8.1.1 If 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.
- 8.1.2 If 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.
- 8.1.3 The 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 Contractor 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 within 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 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.

8.4.2 The 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.

8.4.3 Party 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.

8.4.6 The 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 or
- ii) Chartered Institute of Arbitrators (Kenya Branch)

8.5.2 The institution written to first by the aggrieved party shall take precedence over all 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.

8.5.4 Provided 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.

8.5.5 Notwithstanding 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.

8.5.6 The 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.

8.5.7 The 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.

8.5.8 The 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 DIRECTOR SHARED SERVICES
1.1(e)	The contract name is: GOK Collaboration Suite: Provision of GUC System Support and Maintenance
1.1(h)	The Procuring Entity is ICT Authority
1.1(m)	The Member in Charge is:
1.1(p)	The Service Provider is _____
1.4	The addresses are: Procuring Entity: ICT Authority P.O. Box 27150-00100 GPO Nairobi Attention: Director Shared Services Email: 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 date of contract signing
2.2.2	The Starting Date for the commencement of Services is as indicated in the contract
2.3	The Intended Completion Date is as indicated in the contract
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. N/A
3.2.3	Activities prohibited after termination of this Contract are: _____ _____
3.4	The risks and coverage by insurance shall be: N/A (i) Third Party motor vehicle _____ (ii) Third Party liability _____ (iii) Procuring Entity's liability and workers' compensation _____

Number of GC Clause	Amendments of, and Supplements to, Clauses in the General Conditions of Contract
	(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: _____
3.8.1	The liquidated damages rate is 0.5% 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	<p>Payments shall be made according to the following schedule:</p> <ul style="list-style-type: none"> • 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) _____ <p>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.</p> <ul style="list-style-type: none"> • 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	<p>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.</p> <p>The interest rate is _____.</p>
6.6.1	<p>Price adjustment is _____ in accordance with Sub-Clause 6.6.</p> <p>The coefficients for adjustment of prices are _____:</p> <p>(a) For local currency:</p> <p style="padding-left: 40px;">A_L is _____</p> <p style="padding-left: 40px;">B_L is _____</p> <p style="padding-left: 40px;">C_L is _____</p>

Number of GC Clause	Amendments of, and Supplements to, Clauses in the General Conditions of Contract
	<p>L_{mc} and L_{oc} are the index for Labor from _____</p> <p>I_{mc} and I_{oc} are the index for _____ from _____</p> <p>(b) For foreign currency</p> <p>A_F is _____</p> <p>B_F is _____</p> <p>C_F is _____</p> <p>L_{mc} and L_{oc} are the index for Labor from _____</p> <p>I_{mc} and I_{oc} are the index for _____ from _____</p>
7.1	<p>The principle and modalities of inspection of the Services by the Procuring Entity are as follows: _____</p> <p>The Defects Liability Period is _____.</p>
9.1	The designated Appointing Authority for a new Adjudicator is _____
9.2	<p>The Adjudicator is _____. Who will be paid a rate of _____ per hour of work. The following reimbursable expenses are recognized: _____</p>

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]*

1. We have been informed that _____ (herein after called" the Applicant") has entered into Contract No. _____ *[dated]* _____ with the Beneficiary, for the execution of _____ (herein after called" the Contract").
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.....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 _____ as Principal (hereinafter called “the Contractor”) and _____] as Surety (hereinafter called “the Surety”), are held and firmly bound unto _____] as 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.

6. In testimony whereof, the Contractor has hereunto set his hand and affixed his seal, and the Surety has caused these presents to be sealed with his corporate seal duly attested by the signature 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]*

1. We have been informed that _____ (herein after called "the Applicant") has entered into Contract No. _____ dated _____ with the Beneficiary, for the execution of _____ (herein after called "the Contract").
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 _____ ()¹ 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.

¹The 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**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. 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 Tenderer by meeting one or more of the following conditions:

- *Directly or indirectly holding 25% or more of the shares.*
- *Directly or in directly holding 25% or more of the voting rights.*
- *Directly or indirectly having the right to appoint a majority of the board of directors or equivalent governing body of the Tenderer.*

Tender Reference No.: _____ [insert identification

no] Name of the Assignment: _____ [insert name of the assignment]

to: _____ [insert complete name of Procuring Entity]

In response to 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

Identity of Beneficial Owner	Directly or indirectly holding 25% or more of the shares (Yes / No)	Directly or indirectly holding 25 % or more of the Voting Rights (Yes / No)	Directly or indirectly having the right to appoint a majority of the board of the directors or an equivalent governing body of the Tenderer (Yes / No)
<i>[include full name (last, middle, first), nationality, country of residence]</i>			

OR

ii) *We declare that there is no Beneficial Owner meeting one or more of the following conditions: directly or indirectly holding 25% or more of the shares. Directly or indirectly holding 25% or more of the voting rights. Directly or indirectly having the right to appoint a majority of the board of directors or equivalent governing body of the Tenderer.*

OR

We declare that we are unable to identify any Beneficial Owner meeting one or more of the following conditions. [If this option is selected, the Tenderer shall provide explanation on why it is unable to identify any Beneficial Owner]

Directly or indirectly holding 25% or more of the shares. Directly or indirectly holding 25% or more of the voting rights.

Directly or indirectly having the right to appoint a majority of the board of directors or equivalent governing

body of the Tenderer]”

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]*

Title of the person signing the Tender: [insert complete title of the 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]

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