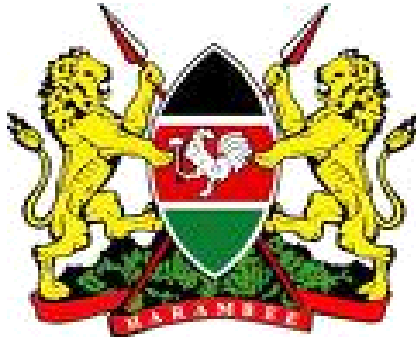




**REPUBLIC OF KENYA**

**MINISTRY OF ROADS AND TRANSPORT**

**STATE DEPARTMENT OF ROADS**

**KENYA URBAN ROADS AUTHORITY**

**NAME OF PROJECT: HORN OF AFRICA GATEWAY DEVELOPMENT PROJECT**

**CONTRACT TITLE: PACKAGE 1: ICT SYSTEMS UPGRADING AND SUPPLY OF  
NECESSARY HARDWARE/EQUIPMENT UNDER LOT 1, LOT  
2, LOT 3 AND LOT 4**

**LOT 1: Upgrade of Data Center and Disaster Recovery Site**

**LOT 2: Upgrade Connectivity and ICT Infrastructure to the Disaster Recovery Site**

**LOT 3: Improvement of ICT Equipment (Computers and Accessories) in the Authority**

**LOT 4: Upgrading and Standardization-of Operating Systems and Licenses**

**CREDIT NO.: IDA67680 KE**

**RFB NO: KE-KURA-201971-GO-RFP**

**DATE OF ISSUE: 3<sup>rd</sup> JUNE, 2025**

**CLOSING DATE: 16<sup>th</sup> JULY, 2025**



**MINISTRY OF ROADS AND TRANSPORT  
STATE DEPARTMENT FOR ROADS  
(One-Envelope Bidding Process)**

**INVITATION FOR BIDS (RFB)  
Request for Bids (Goods)**

|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purchaser:      | STATE DEPARTMENT FOR ROADS                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Project:        | HORN OF AFRICA GATEWAY DEVELOPMENT PROJECT                                                                                                                                                                                                                                                                                                                                                                                                    |
| Contract title: | PACKAGE 1: ICT SYSTEMS UPGRADING AND SUPPLY OF NECESSARY HARDWARE/EQUIPMENT UNDER LOT 1, LOT 2, LOT 3 AND LOT 4<br><br>LOT 1: Upgrade of Data Center and Disaster Recovery Site<br>LOT 2: LOT 2: Upgrade Connectivity and ICT Infrastructure to the Disaster Recovery Site<br>LOT 3: Improvement of ICT Equipment (Computers and Accessories) in the Authority and<br>LOT 4: Upgrading and Standardization-of Operating Systems and Licenses. |
| Country:        | KENYA                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Loan No.        | 67680KE                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| RFB No:         | KE-KURA-201971-GO-RFB                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Issued on:      | <b>3<sup>rd</sup> June, 2025</b>                                                                                                                                                                                                                                                                                                                                                                                                              |

1. The Government of Kenya has received financing from the World Bank toward the cost of the Horn of Africa Gateway Development Project, and intends to apply part of the proceeds toward payments under the contract for ICT Systems Upgrading and Supply of Necessary Hardware/Equipment Under Lot 1, Lot 2, Lot 3 and Lot 4
2. The State Department of Roads now invites sealed Bids from eligible Bidders for ICT Systems Upgrading and Supply of Necessary Hardware/Equipment Under Lot 1, Lot 2, Lot 3 and Lot 4.
3. Bidding will be conducted through national competitive procurement using Request for Bids (RFB) as specified in the World Bank's "Procurement Regulations for IPF Borrowers" dated July 2016, revised September 2023 ("Procurement Regulations"), and is open to all eligible Bidders as defined in the Procurement Regulations.

4. Interested eligible Bidders may obtain further information from **The State Department for Roads, Head of Supply Chain Management Services (HSCMS)**, E-mail: [scms@roads.go.ke](mailto:scms@roads.go.ke) and/or inspect the bidding document during office hours **0900 to 1600 hours Kenyan Time** at the address given below.
5. The bidding document in English may be obtained by interested eligible Bidders by downloading the bidding document from Public Procurement Information Portal [www.tenders.go.ke](http://www.tenders.go.ke) and the Ministry's website [www.roads.go.ke](http://www.roads.go.ke) free of charge from the websites. Bidders who download the bidding document must forward their particulars immediately to [scms@roads.go.ke](mailto:scms@roads.go.ke) for record and communication of any tenderaddenda or clarifications.
6. Bids clearly marked "ICT Systems Upgrading and Supply of Necessary Hardware/Equipment Under Lot 1, Lot 2, Lot 3 And Lot 4 - KE-KURA-201971-GO-RFB" must be delivered and deposited into the tender box located on the Ground Floor of Works Building, Ngong' Road, Nairobi, Kenya on or before **1100 hours Kenyan Time on 16<sup>th</sup> July, 2025**. Electronic bidding will not be permitted. Late bids will be rejected. Bids will be publicly opened in the presence of Bidders' designated representatives and anyone who chooses to attend at **9<sup>th</sup> Floor Boardroom, Works Building, Ngong' Road, Nairobi, Kenya at 1100 hours Kenyan Time 16<sup>th</sup> July 2025**
7. All bids must be accompanied by a bid security as stated below;

| Lot No. | Lot Description                                                           | Bid Security Amount in KES |
|---------|---------------------------------------------------------------------------|----------------------------|
| 1.      | Upgrade of Data Center and Disaster Recovery Site                         | 1,000,000                  |
| 2.      | Upgrade Connectivity and ICT Infrastructure to the Disaster Recovery Site | 150,000                    |
| 3.      | Improvement of ICT Equipment (Computers and Accessories) in the Authority | 400,000                    |
| 4.      | Upgrading and Standardization-of Operating Systems and Licenses           | 400,000                    |

8. Attention is drawn to the Procurement Regulations requiring the Borrower to disclose information on the successful bidder's beneficial ownership, as part of the Contract Award Notice, using the Beneficial Ownership Disclosure Form as included in the bidding document.
9. The address (es) referred to above is (are):

**The Principal Secretary**  
**Attention: Head Supply Chain Management Services**  
**State Department for Roads**  
**Ministry of Roads and Transport**  
**Works Building, Ngong' road**  
**NAIROBI, KENYA**  
**E-mail: [scms@roads.go.ke](mailto:scms@roads.go.ke)**

# Standard Procurement Document

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## **PART 1 – Bidding Procedures**



# Section I - Instructions to Bidders

## Contents

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## Section I. Instructions to Bidders

### A. General

- 1. Scope of Bid**
  - 1.1 In connection with the Specific Procurement Notice, Request for Bids (RFB), specified **in the Bid Data Sheet (BDS)**, the Purchaser, as specified **in the BDS**, issues this bidding document for the supply of Goods and, if applicable, any Related Services incidental thereto, as specified in Section VII, Schedule of Requirements. The name, identification and number of lots (contracts) of this RFB are **specified in the BDS**.
  - 1.2 Throughout this bidding document:
    - (a) the term “in writing” means communicated in written form (e.g. by mail, e-mail, fax, including if **specified in the BDS**, distributed or received through the electronic-procurement system used by the Purchaser) 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 Borrower. It excludes the Borrower’s official public holidays.
- 2. Source of Funds**
  - 2.1 The Borrower or Recipient (hereinafter called “Borrower”) **specified in the BDS** has applied for or received financing (hereinafter called “funds”) from the International Bank for Reconstruction and Development or the International Development Association (hereinafter called “the Bank”) in an amount **specified in the BDS**, toward the project named **in the BDS**. The Borrower intends to apply a portion of the funds to eligible payments under the contract for which this bidding document is issued.
  - 2.2 Payment by the Bank will be made only at the request of the Borrower and upon approval by the Bank in accordance with the terms and conditions of the Loan (or other financing) Agreement. The Loan (or other financing) Agreement prohibits a withdrawal from the Loan account for the purpose of any payment to persons or entities, or for any import of goods, if such payment or import is prohibited by

decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations. No party other than the Borrower shall derive any rights from the Loan (or other financing) Agreement or have any claim to the proceeds of the Loan (or other financing).

### **3. Fraud and Corruption**

- 3.1 The Bank requires compliance with the Bank's Anti-Corruption Guidelines and its prevailing sanctions policies and procedures as set forth in the WBG's Sanctions Framework, as set forth in Section VI.
- 3.2 In further pursuance of this policy, Bidders shall permit and shall cause their agents (where declared or not), subcontractors, sub consultants, service providers, suppliers, and personnel, to permit the Bank to inspect all accounts, records and other documents relating to any initial selection process, prequalification process, bid submission, proposal submission, and contract performance (in the case of award), and to have them audited by auditors appointed by the Bank.

### **4. Eligible Bidders**

- 4.1 A Bidder may be a firm that is a private entity, a state-owned enterprise or institution subject to ITB 4.6, or any combination of such entities in the form of a joint venture (JV) under an existing agreement or with the intent to enter into such an agreement supported by a letter 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 Bidding process and, in the event the JV is awarded the Contract, during contract execution. Unless specified **in the BDS**, there is no limit on the number of members in a JV.
- 4.2 A Bidder shall not have a conflict of interest. Any Bidder found to have a conflict of interest shall be disqualified. A Bidder may be considered to have a conflict of interest for the purpose of this Bidding process, if the Bidder:
- (a) directly or indirectly controls, is controlled by or is under common control with another Bidder; or
  - (b) receives or has received any direct or indirect subsidy from another Bidder; or
  - (c) has the same legal representative as another Bidder; or
  - (d) has a relationship with another Bidder, directly or through common third parties, that puts it in a position to influence the Bid of another Bidder, or influence the

decisions of the Purchaser regarding this Bidding process; or

- (e) or any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the works that are the subject of the Bid; or
  - (f) or any of its affiliates has been hired (or is proposed to be hired) by the Purchaser or Borrower for the Contract implementation; or
  - (g) would be providing goods, works, or non-consulting services resulting from or directly related to consulting services for the preparation or implementation of the project specified in the BDS ITB 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 Borrower (or of the project implementing agency, or of a recipient of a part of the loan) who: (i) are directly or indirectly involved in the preparation of the bidding document or specifications of the Contract, and/or the Bid 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 Bank throughout the Bidding process and execution of the Contract.
- 4.3 A firm that is a Bidder (either individually or as a JV member) shall not participate in more than one Bid, except for permitted alternative Bids. This includes participation as a subcontractor. Such participation shall result in the disqualification of all Bids in which the firm is involved. A firm that is not a Bidder or a JV member, may participate as a subcontractor in more than one Bid.
- 4.4 A Bidder may have the nationality of any country, subject to the restrictions pursuant to ITB 4.8. A Bidder shall be deemed to have the nationality of a country if the Bidder 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

subconsultants for any part of the Contract including related Services.

- 4.5 A Bidder that has been sanctioned by the Bank, pursuant to the Bank's Anti-Corruption Guidelines, in accordance with its prevailing sanctions policies and procedures as set forth in the WBG's Sanctions Framework as described in Section VI paragraph 2.2 d., shall be ineligible to be prequalified for, initially selected for, bid for, propose for, or be awarded a Bank-financed contract or benefit from a Bank-financed contract, financially or otherwise, during such period of time as the Bank shall have determined. The list of debarred firms and individuals is available at the electronic address specified in the BDS.
- 4.6 Bidders that are state-owned enterprises or institutions in the Purchaser's Country may be eligible to compete and be awarded a Contract(s) only if they can establish, in a manner acceptable to the Bank, that they (i) are legally and financially autonomous (ii) operate under commercial law, and (iii) are not under supervision of the Purchaser.
- 4.7 A Bidder shall not be under suspension from Bidding by the Purchaser as the result of the operation of a Bid-Securing Declaration or Proposal-Securing Declaration.
- 4.8 Firms and individuals may be ineligible if so indicated in Section V and (a) as a matter of law or official regulations, the Borrower's country prohibits commercial relations with that country, provided that the Bank is satisfied that such exclusion does not preclude effective competition for the supply of goods or the contracting of works or services required; 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, the Borrower's country 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.
- 4.9 A Bidder shall provide such documentary evidence of eligibility satisfactory to the Purchaser, as the Purchaser shall reasonably request.
- 4.10 A firm that is under a sanction of debarment by the Borrower from being awarded a contract is eligible to participate in this procurement, unless the Bank, at the Borrower's request, is satisfied that the debarment.
  - (a) relates to fraud or corruption; and

(b) followed a judicial or administrative proceeding that afforded the firm adequate due process.

**5. Eligible Goods and Related Services**

- 5.1 All the Goods and Related Services to be supplied under the Contract and financed by the Bank may have their origin in any country in accordance with Section V, Eligible Countries.
- 5.2 For purposes of this ITB, the term “goods” includes commodities, raw material, machinery, equipment, and industrial plants; and “related services” includes services such as insurance, installation, training, and initial maintenance.
- 5.3 The term “origin” means the country where the goods have been mined, grown, cultivated, produced, manufactured or processed; or, through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.

**B. Contents of Request for Bids Document**

**6. Sections of Bidding Document**

- 6.1 The bidding document consist 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 ITB 8.

**PART 1 Bidding Procedures**

- Section I - Instructions to Bidders (ITB)
- Section II - Bidding Data Sheet (BDS)
- Section III - Evaluation and Qualification Criteria
- Section IV - Bidding Forms
- Section V - Eligible Countries
- Section VI - Fraud and Corruption

**PART 2 Supply Requirements**

- Section VII - Schedule of Requirements

**PART 3 Contract**

- Section VIII - General Conditions of Contract (GCC)

- Section IX - Special Conditions of Contract (SCC)
- Section X - Contract Forms

- 6.2 The Specific Procurement Notice, Request for Bids (RFB), issued by the Purchaser is not part of this bidding document.
- 6.3 Unless obtained directly from the Purchaser, the Purchaser is not responsible for the completeness of the document, responses to requests for clarification, the Minutes of the pre-Bid meeting (if any), or Addenda to the bidding document in accordance with ITB 8. In case of any contradiction, documents obtained directly from the Purchaser shall prevail.
- 6.4 The Bidder is expected to examine all instructions, forms, terms, and specifications in the bidding document and to furnish with its Bid all information or documentation as is required by the bidding document.

**7. Clarification of Bidding Document**

- 7.1 A Bidder requiring any clarification of the bidding document shall contact the Purchaser in writing at the Purchaser's address specified **in the BDS**. The Purchaser will respond in writing to any request for clarification, provided that such request is received prior to the deadline for submission of Bids within a period specified **in the BDS**. The Purchaser shall forward copies of its response to all Bidders who have acquired the bidding document in accordance with ITB 6.3, including a description of the inquiry but without identifying its source. If so specified **in the BDS**, the Purchaser shall also promptly publish its response at the web page identified **in the BDS**. Should the clarification result in changes to the essential elements of the bidding document, the Purchaser shall amend the bidding document following the procedure under ITB 8 and ITB 22.2.

**8. Amendment of Bidding Document**

- 8.1 At any time prior to the deadline for submission of Bids, the Purchaser may amend the bidding document by issuing addenda.
- 8.2 Any addendum issued shall be part of the bidding document and shall be communicated in writing to all who have obtained the bidding document from the Purchaser in accordance with ITB 6.3. The Purchaser shall also promptly publish the addendum on the Purchaser's web page in accordance with ITB 7.1.
- 8.3 To give prospective Bidders reasonable time in which to take an addendum into account in preparing their Bids, the

Purchaser may, at its discretion, extend the deadline for the submission of Bids, pursuant to ITB 22.2.

### C. Preparation of Bids

- 9. Cost of Bidding**      9.1 The Bidder shall bear all costs associated with the preparation and submission of its Bid, and the Purchaser shall not be responsible or liable for those costs, regardless of the conduct or outcome of the Bidding process.
- 10. Language of Bid**      10.1 The Bid, as well as all correspondence and documents relating to the Bid exchanged by the Bidder and the Purchaser, shall be written in the language specified **in the BDS**. Supporting documents and printed literature that are part of the Bid may be in another language provided they are accompanied by an accurate translation of the relevant passages into the language specified **in the BDS**, in which case, for purposes of interpretation of the Bid, such translation shall govern.
- 11. Documents  
Comprising the  
Bid**      11.1 The Bid shall comprise the following:
- (a) **Letter of Bid** prepared in accordance with ITB 12;
  - (b) **Price Schedules:** completed in accordance with ITB 12 and ITB 14;
  - (c) **Bid Security** in accordance with ITB 19.1;
  - (d) **Alternative Bid:** if permissible, in accordance with ITB 13;
  - (e) **Authorization:** written confirmation authorizing the signatory of the Bid to commit the Bidder, in accordance with ITB 20.3;
  - (f) **Qualifications:** documentary evidence in accordance with ITB 17 establishing the Bidder's qualifications to perform the Contract if its Bid is accepted;
  - (g) **Bidder's Eligibility:** documentary evidence in accordance with ITB 17 establishing the Bidder's eligibility to bid;
  - (h) **Eligibility of Goods and Related Services:** documentary evidence in accordance with ITB 16, establishing the eligibility of the Goods and Related Services to be supplied by the Bidder;

- (i) **Conformity:** documentary evidence in accordance with ITB 16 and 30, that the Goods and Related Services conform to the bidding document; and
  - (j) any other document required **in the BDS**.
- 11.2 In addition to the requirements under ITB 11.1, Bids submitted by a JV shall include a copy of the Joint Venture Agreement entered into by all members. Alternatively, a letter of intent to execute a Joint Venture Agreement in the event of a successful Bid shall be signed by all members and submitted with the Bid, together with a copy of the proposed Agreement.
- 11.3 The Bidder shall furnish in the Letter of Bid information on commissions and gratuities, if any, paid or to be paid to agents or any other party relating to this Bid.
- 12. Letter of Bid and Price Schedules**
  - 12.1. The Letter of Bid and Price Schedules shall be prepared using the relevant forms furnished in Section IV, Bidding Forms. The forms must be completed without any alterations to the text, and no substitutes shall be accepted except as provided under ITB 20.3. All blank spaces shall be filled in with the information requested.
- 13. Alternative Bids**
  - 13.1. Unless otherwise specified **in the BDS**, alternative Bids shall not be considered.
- 14. Bid Prices and Discounts**
  - 14.1 The prices and discounts quoted by the Bidder in the Letter of Bid and in the Price Schedules shall conform to the requirements specified below.
  - 14.2 All lots (contracts) and items must be listed and priced separately in the Price Schedules.
  - 14.3 The price to be quoted in the Letter of Bid in accordance with ITB 12.1 shall be the total price of the Bid, excluding any discounts offered.
  - 14.4 The Bidder shall quote any discounts and indicate the methodology for their application in the Letter of Bid, in accordance with ITB 12.1.
  - 14.5 Prices quoted by the Bidder shall be fixed during the Bidder's performance of the Contract and not subject to variation on any account, unless otherwise specified **in the BDS**. A Bid submitted with an adjustable price quotation shall be treated as nonresponsive and shall be rejected, pursuant to ITB 29. However, if in accordance with **the BDS**, prices quoted by the Bidder shall be subject to adjustment during the performance of the Contract, a Bid

submitted with a fixed price quotation shall not be rejected, but the price adjustment shall be treated as zero.

- 14.6 If so specified in ITB 1.1, Bids are being invited for individual lots (contracts) or for any combination of lots (packages). Unless otherwise specified **in the BDS**, prices quoted shall correspond to 100 % of the items specified for each lot and to 100% of the quantities specified for each item of a lot. Bidders wishing to offer discounts for the award of more than one Contract shall specify in their Bid the price reductions applicable to each package, or alternatively, to individual Contracts within the package. Discounts shall be submitted in accordance with ITB 14.4 provided the Bids for all lots (contracts) are opened at the same time.
- 14.7 The terms EXW, CIP, and other similar terms shall be governed by the rules prescribed in the current edition of Incoterms, published by the International Chamber of Commerce, as specified **in the BDS**.
- 14.8 Prices shall be quoted as specified in each Price Schedule included in Section IV, Bidding Forms. The disaggregation of price components is required solely for the purpose of facilitating the comparison of Bids by the Purchaser. This shall not in any way limit the Purchaser's right to contract on any of the terms offered. In quoting prices, the Bidder shall be free to use transportation through carriers registered in any eligible country, in accordance with Section V, Eligible Countries. Similarly, the Bidder may obtain insurance services from any eligible country in accordance with Section V, Eligible Countries. Prices shall be entered in the following manner:
- (a) For Goods manufactured in the Purchaser's Country:
    - (i) the price of the Goods quoted EXW (ex-works, ex-factory, ex warehouse, ex showroom, or off-the-shelf, as applicable), including all customs duties and sales and other taxes already paid or payable on the components and raw material used in the manufacture or assembly of the Goods;
    - (ii) any Purchaser's Country sales tax and other taxes which will be payable on the Goods if the Contract is awarded to the Bidder; and
    - (iii) the price for inland transportation, insurance, and other local services required to convey the Goods to their final destination (Project Site) specified **in the BDS**.

- (b) For Goods manufactured outside the Purchaser's Country, to be imported:
  - (i) the price of the Goods, quoted CIP named place of destination, in the Purchaser's Country, as specified **in the BDS**;
  - (ii) the price for inland transportation, insurance, and other local services required to convey the Goods from the named place of destination to their final destination (Project Site) specified **in the BDS**;
- (c) For Goods manufactured outside the Purchaser's Country, already imported:
  - (i) the price of the Goods, including the original import value of the Goods; plus any mark-up (or rebate); plus any other related local cost, and custom duties and other import taxes already paid or to be paid on the Goods already imported;
  - (ii) the custom duties and other import taxes already paid (need to be supported with documentary evidence) or to be paid on the Goods already imported;
  - (iii) the price of the Goods, obtained as the difference between (i) and (ii) above;
  - (iv) any Purchaser's Country sales and other taxes which will be payable on the Goods if the Contract is awarded to the Bidder; and
  - (v) the price for inland transportation, insurance, and other local services required to convey the Goods to their final destination (Project Site) specified **in the BDS**.
- (d) for Related Services, other than inland transportation and other services required to convey the Goods to their final destination, whenever such Related Services are specified in the Schedule of Requirements, the price of each item comprising the Related Services (inclusive of any applicable taxes).

## 15. Currencies of Bid and Payment

- 15.1 The currency(ies) of the Bid and the currency(ies) of payments shall be the same. The Bidder shall quote in the currency of the Purchaser's Country the portion of the Bid price that corresponds to expenditures incurred in the currency of the Purchaser's Country, unless otherwise specified **in the BDS**.

- 15.2 The Bidder may express the Bid price in any currency. If the Bidder wishes to be paid in a combination of amounts in different currencies, it may quote its price accordingly but shall use no more than three foreign currencies in addition to the currency of the Purchaser's Country.

**16. Documents  
Establishing the  
Eligibility and  
Conformity of the  
Goods and  
Related Services**

- 16.1 To establish the eligibility of the Goods and Related Services in accordance with ITB 5, Bidders shall complete the country of origin declarations in the Price Schedule Forms, included in Section IV, Bidding Forms.
- 16.2 To establish the conformity of the Goods and Related Services to the bidding document, the Bidder shall furnish as part of its Bid the documentary evidence that the Goods conform to the technical specifications and standards specified in Section VII, Schedule of Requirements.
- 16.3 The documentary evidence may be in the form of literature, drawings or data, and shall consist of a detailed item by item description of the essential technical and performance characteristics of the Goods and Related Services, demonstrating substantial responsiveness of the Goods and Related Services to the technical specification, and if applicable, a statement of deviations and exceptions to the provisions of the Section VII, Schedule of Requirements.
- 16.4 The Bidder shall also furnish a list giving full particulars, including available sources and current prices of spare parts, special tools, etc., necessary for the proper and continuing functioning of the Goods during the period **specified in the BDS** following commencement of the use of the goods by the Purchaser.
- 16.5 Standards for workmanship, process, material, and equipment, as well as references to brand names or catalogue numbers specified by the Purchaser in the Schedule of Requirements, are intended to be descriptive only and not restrictive. The Bidder may offer other standards of quality, brand names, and/or catalogue numbers, provided that it demonstrates, to the Purchaser's satisfaction, that the substitutions ensure substantial equivalence or are superior to those specified in the Section VII, Schedule of Requirements.

**17. Documents  
Establishing the  
Eligibility and  
Qualifications of  
the Bidder**

- 17.1 To establish Bidder's eligibility in accordance with ITB 4, Bidders shall complete the Letter of Bid, included in Section IV, Bidding Forms.

17.2 The documentary evidence of the Bidder's qualifications to perform the Contract if its Bid is accepted shall establish to the Purchaser's satisfaction:

- (a) that, if required **in the BDS**, a Bidder that does not manufacture or produce the Goods it offers to supply shall submit the Manufacturer's Authorization using the form included in Section IV, Bidding Forms to demonstrate that it has been duly authorized by the manufacturer or producer of the Goods to supply these Goods in the Purchaser's Country;
- (b) that, if required **in the BDS**, in case of a Bidder not doing business within the Purchaser's Country, the Bidder is or will be (if awarded the Contract) represented by an Agent in the country equipped and able to carry out the Supplier's maintenance, repair and spare parts-stocking obligations prescribed in the Conditions of Contract and/or Technical Specifications; and
- (c) that the Bidder meets each of the qualification criterion specified in Section III, Evaluation and Qualification Criteria.

#### **18. Period of Validity of Bids**

18.1. Bids shall remain valid until the date **specified in the BDS** or any extended date if amended by the Purchaser in accordance with ITP 8. A Bid that is not valid until the date **specified in the BDS**, or any extended date if amended by the Purchaser in accordance with ITP 8, shall be rejected by the Purchaser as nonresponsive.

18.2. In exceptional circumstances, prior to the expiry of the Bid validity, the Purchaser may request Bidders to extend the period of validity of their Bids. The request and the responses shall be made in writing. If a Bid Security is requested in accordance with ITB 19, it shall also be extended for a corresponding period. A Bidder may refuse the request without forfeiting its Bid Security. A Bidder granting the request shall not be required or permitted to modify its Bid, except as provided in ITB 18.3.

18.3. If the award is delayed by a period exceeding fifty-six (56) days beyond the expiry of the initial Bid validity period, the Contract price shall be determined as follows:

- (a) in the case of fixed price contracts, the Contract price shall be the Bid price adjusted by the factor specified **in the BDS**;

- (b) in the case of adjustable price contracts, no adjustment shall be made;
- (c) in any case, Bid evaluation shall be based on the Bid price without taking into consideration the applicable correction from those indicated above.

## 19. Bid Security

- 19.1. The Bidder shall furnish as part of its Bid, either a Bid-Securing Declaration or a Bid Security, as specified **in the BDS**, in original form and, in the case of a Bid Security, in the amount and currency specified **in the BDS**.
- 19.2. A Bid Securing Declaration shall use the form included in Section IV, Bidding Forms.
- 19.3. If a Bid Security is specified pursuant to ITB 19.1, the Bid Security shall be a demand guarantee in any of the following forms at the Bidder's option:
  - (a) an unconditional guarantee issued by a bank or non-bank financial institution (such as an insurance, bonding or surety company);
  - (b) an irrevocable letter of credit;
  - (c) a cashier's or certified check; or
  - (d) another security specified **in the BDS**,from a reputable source, and an eligible country. If an unconditional guarantee is issued by a non-bank financial institution located outside the Purchaser's Country, the issuing non-bank financial institution shall have a correspondent financial institution located in the Purchaser's Country to make it enforceable unless the Purchaser has agreed in writing, prior to Bid submission, that a correspondent financial institution is not required. In the case of a bank guarantee, the Bid Security shall be submitted either using the Bid Security Form included in Section IV, Bidding Forms, or in another substantially similar format approved by the Purchaser prior to Bid submission. The Bid Security shall be valid for twenty-eight (28) days beyond the original date of expiry of the Bid validity, or beyond any extended date if requested under ITB 18.2.
- 19.4. If a Bid Security is specified pursuant to ITB 19.1, any Bid not accompanied by a substantially responsive Bid Security shall be rejected by the Purchaser as non-responsive.
- 19.5. If a Bid Security is specified pursuant to ITB 19.1, the Bid Security of unsuccessful Bidders shall be returned as promptly as possible upon the successful Bidder's signing

the Contract and furnishing the Performance Security pursuant to ITB 46.

19.6. The Bid Security of the successful Bidder shall be returned as promptly as possible once the successful Bidder has signed the Contract and furnished the required Performance Security.

19.7. The Bid Security may be forfeited:

- (a) if a Bidder withdraws its Bid prior to the expiry date of Bid validity specified by the Bidder on the Letter of Bid or any extended date provided by the Bidder; or
- (b) if the successful Bidder fails to:
  - (i) sign the Contract in accordance with ITB 45; or
  - (ii) furnish a Performance Security in accordance with ITB 46.

19.8. The Bid Security or Bid- Securing Declaration of a JV must be in the name of the JV that submits the Bid. If the JV has not been legally constituted into a legally enforceable JV at the time of Bidding, the Bid Security or Bid-Securing Declaration shall be in the names of all future members as named in the letter of intent referred to in ITB 4.1 and ITB 11.2.

19.9. If a Bid Security is not required **in the BDS**, pursuant to ITB 19.1, and

- (a) if a Bidder withdraws its Bid during the period of Bid validity specified by the Bidder on the Letter of Bid, or any extended date provided by the Bidder; or
- (b) if the successful Bidder fails to: sign the Contract in accordance with ITB 45; or furnish a performance security in accordance with ITB 46;

the Borrower may, if provided for **in the BDS**, declare the Bidder ineligible to be awarded a contract by the Purchaser for a period of time as stated **in the BDS**.

## 20. Format and Signing of Bid

20.1 The Bidder shall prepare one original of the documents comprising the Bid as described in ITB 11 and clearly mark it “ORIGINAL.” Alternative Bids, if permitted in accordance with ITB 13, shall be clearly marked “ALTERNATIVE.” In addition, the Bidder shall submit copies of the Bid, in the number **specified in the BDS** and clearly mark them “COPY.” In the event of any discrepancy between the original and the copies, the original shall prevail.

- 20.2 Bidders shall mark as “CONFIDENTIAL” information in their Bids which is confidential to their business. This may include proprietary information, trade secrets, or commercial or financially sensitive information.
- 20.3 The original and all copies of the Bid shall be typed or written in indelible ink and shall be signed by a person duly authorized to sign on behalf of the Bidder. This authorization shall consist of a written confirmation as specified **in the BDS** and shall be attached to the Bid. The name and position held by each person signing the authorization must be typed or printed below the signature. All pages of the Bid where entries or amendments have been made shall be signed or initialed by the person signing the Bid.
- 20.4 In case the Bidder is a JV, the Bid 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.
- 20.5 Any inter-lineation, erasures, or overwriting shall be valid only if they are signed or initialed by the person signing the Bid.

## **D. Submission and Opening of Bids**

### **21. Sealing and Marking of Bids**

- 21.1. The Bidder shall deliver the Bid in a single, sealed envelope (one-envelope Bidding process). Within the single envelope the Bidder shall place the following separate, sealed envelopes:
  - (a) in an envelope marked “ORIGINAL”, all documents comprising the Bid, as described in ITB 11; and
  - (b) in an envelope marked “COPIES”, all required copies of the Bid; and,
  - (c) if alternative Bids are permitted in accordance with ITB 13, and if relevant:
    - i. in an envelope marked “ORIGINAL -ALTERNATIVE”, the alternative Bid; and
    - ii. in the envelope marked “COPIES – ALTERNATIVE BID” all required copies of the alternative Bid.
- 21.2. The inner and outer envelopes, shall:
  - (a) bear the name and address of the Bidder;
  - (b) be addressed to the Purchaser in accordance with ITB 22.1;

- (c) bear the specific identification of this Bidding process indicated in ITB 1.1; and
- (d) bear a warning not to open before the time and date for Bid opening.

21.3 If all envelopes are not sealed and marked as required, the Purchaser will assume no responsibility for the misplacement or premature opening of the Bid.

## **22. Deadline for Submission of Bids**

22.1. Bids must be received by the Purchaser at the address and no later than the date and time specified **in the BDS**. When so specified **in the BDS**, Bidders shall have the option of submitting their Bids electronically. Bidders submitting Bids electronically shall follow the electronic Bid submission procedures specified **in the BDS**.

22.2. The Purchaser may, at its discretion, extend the deadline for the submission of Bids by amending the bidding document in accordance with ITB 8, in which case all rights and obligations of the Purchaser and Bidders previously subject to the deadline shall thereafter be subject to the deadline as extended.

## **23. Late Bids**

23.1. The Purchaser shall not consider any Bid that arrives after the deadline for submission of Bids, in accordance with ITB 22. Any Bid received by the Purchaser after the deadline for submission of Bids shall be declared late, rejected, and returned unopened to the Bidder.

## **24. Withdrawal, Substitution, and Modification of Bids**

24.1. A Bidder may withdraw, substitute, or modify its Bid 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 ITB 20.3, (except that withdrawal notices do not require copies). The corresponding substitution or modification of the Bid must accompany the respective written notice. All notices must be:

- (a) prepared and submitted in accordance with ITB 20 and 21 (except that withdrawal notices do not require copies), and in addition, the respective envelopes shall be clearly marked “WITHDRAWAL,” “SUBSTITUTION,” or “MODIFICATION;” and
- (b) received by the Purchaser prior to the deadline prescribed for submission of Bids, in accordance with ITB 22.

- 24.2. Bids requested to be withdrawn in accordance with ITB 24.1 shall be returned unopened to the Bidders.
- 24.3. No Bid may be withdrawn, substituted, or modified in the interval between the deadline for submission of Bids and the expiration of the period of Bid validity specified by the Bidder on the Letter of Bid or any extension thereof.

## 25. Bid Opening

- 25.1. Except as in the cases specified in ITB 23 and ITB 24.2, the Purchaser shall, at the Bid opening, publicly open and read out all Bids received by the deadline at the date, time and place specified **in the BDS** in the presence of Bidders' designated representatives and anyone who chooses to attend. Any specific electronic Bid opening procedures required if electronic bidding is permitted in accordance with ITB 22.1, shall be as specified **in the BDS**.
- 25.2. First, envelopes marked "WITHDRAWAL" shall be opened and read out and the envelope with the corresponding Bid shall not be opened, but returned to the Bidder. 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 Bidder, the corresponding Bid will be opened. No Bid withdrawal shall be permitted unless the corresponding withdrawal notice contains a valid authorization to request the withdrawal and is read out at Bid opening.
- 25.3. Next, envelopes marked "SUBSTITUTION" shall be opened and read out and exchanged with the corresponding Bid being substituted, and the substituted Bid shall not be opened, but returned to the Bidder. No Bid substitution shall be permitted unless the corresponding substitution notice contains a valid authorization to request the substitution and is read out at Bid opening.
- 25.4. Next, envelopes marked "MODIFICATION" shall be opened and read out with the corresponding Bid. No Bid modification shall be permitted unless the corresponding modification notice contains a valid authorization to request the modification and is read out at Bid opening.
- 25.5. Next, all remaining envelopes shall be opened one at a time, reading out: the name of the Bidder and whether there is a modification; the total Bid Prices, per lot (contract) if applicable, including any discounts and alternative Bids; the presence or absence of a Bid Security, if required; and any other details as the Purchaser may consider appropriate.

- 25.6. Only Bids, alternative Bids and discounts that are opened and read out at Bid opening shall be considered further in the evaluation. The Letter of Bid and the Price Schedules are to be initialed by representatives of the Purchaser attending Bid opening in the manner specified **in the BDS**.
- 25.7. The Purchaser shall neither discuss the merits of any Bid nor reject any Bid (except for late Bids, in accordance with ITB 23.1).
- 25.8. The Purchaser shall prepare a record of the Bid opening that shall include, as a minimum:
- (a) the name of the Bidder and whether there is a withdrawal, substitution, or modification;
  - (b) the Bid Price, per lot (contract) if applicable, including any discounts;
  - (c) any alternative Bids;
  - (d) the presence or absence of a Bid Security or Bid-Securing Declaration, if one was required.
- 25.9. The Bidders' representatives who are present shall be requested to sign the record. The omission of a Bidder's signature on the record shall not invalidate the contents and effect of the record. A copy of the record shall be distributed to all Bidders.

## **E. Evaluation and Comparison of Bids**

### **26. Confidentiality**

- 26.1 Information relating to the evaluation of Bids and recommendation of contract award, shall not be disclosed to Bidders or any other persons not officially concerned with the Bidding process until the information on Intention to Award the Contract is transmitted to all Bidders in accordance with ITB 40.
- 26.2 Any effort by a Bidder to influence the Purchaser in the evaluation or contract award decisions may result in the rejection of its Bid.
- 26.3 Notwithstanding ITB 26.2, from the time of Bid opening to the time of Contract Award, if any Bidder wishes to contact the Purchaser on any matter related to the Bidding process, it should do so in writing.

### **27. Clarification of Bids**

- 27.1 To assist in the examination, evaluation, comparison of the Bids, and qualification of the Bidders, the Purchaser may, at its discretion, ask any Bidder for a clarification of its Bid. Any clarification submitted by a Bidder in respect to its Bid

and that is not in response to a request by the Purchaser shall not be considered. The Purchaser'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 Bid shall be sought, offered, or permitted, except to confirm the correction of arithmetic errors discovered by the Purchaser in the Evaluation of the Bids, in accordance with ITB 31.

- 27.2 If a Bidder does not provide clarifications of its Bid by the date and time set in the Purchaser's request for clarification, its Bid may be rejected.

**28. Deviations,  
Reservations, and  
Omissions**

- 28.1 During the evaluation of Bids, the following definitions apply:

- (a) "Deviation" is a departure from the requirements specified in the bidding document.
- (b) "Reservation" is the setting of limiting conditions or withholding from complete acceptance of the requirements specified in the bidding document; and
- (c) "Omission" is the failure to submit part or all of the information or documentation required in the bidding document.

**29. Determination of  
Responsiveness**

- 29.1 The Purchaser's determination of a Bid's responsiveness is to be based on the contents of the Bid itself, as defined in ITB 11.

- 29.2 A substantially responsive Bid is one that meets the requirements of the bidding 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 Goods and Related Services specified in the Contract; or
  - (ii) limit in any substantial way, inconsistent with the bidding document, the Purchaser's rights or the Bidder's obligations under the Contract; or
- (b) if rectified, would unfairly affect the competitive position of other Bidders presenting substantially responsive Bids.

- 29.3 The Purchaser shall examine the technical aspects of the Bid submitted in accordance with ITB 16 and ITB 17, in particular,

to confirm that all requirements of Section VII, Schedule of Requirements have been met without any material deviation or reservation, or omission.

- 29.4 If a Bid is not substantially responsive to the requirements of bidding document, it shall be rejected by the Purchaser and may not subsequently be made responsive by correction of the material deviation, reservation, or omission.

**30. Nonconformities,  
Errors and  
Omissions**

- 30.1 Provided that a Bid is substantially responsive, the Purchaser may waive any nonconformities in the Bid.

- 30.2 Provided that a Bid is substantially responsive, the Purchaser may request that the Bidder submit the necessary information or documentation, within a reasonable period of time, to rectify nonmaterial nonconformities or omissions in the Bid related to documentation requirements. Such omission shall not be related to any aspect of the price of the Bid. Failure of the Bidder to comply with the request may result in the rejection of its Bid.

- 30.3 Provided that a Bid is substantially responsive, the Purchaser shall rectify quantifiable nonmaterial nonconformities related to the Bid Price. To this effect, the Bid Price shall be adjusted, for comparison purposes only, to reflect the price of a missing or non-conforming item or component, by adding the average price of the item or component quoted by substantially responsive Bidders. If the price of the item or component cannot be derived from the price of other substantially responsive Bids, the Purchaser shall use its best estimate.

**31. Correction of  
Arithmetical Errors**

- 31.1 Provided that the Bid is substantially responsive, the Purchaser shall correct arithmetical errors on the following basis:

- (a) if there is a discrepancy between the unit price and the line item total that is obtained by multiplying the unit price by the quantity, the unit price shall prevail and the line item total shall be corrected, unless in the opinion of the Purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the line item total as quoted shall govern and the unit price shall be corrected;
- (b) if there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and
- (c) if there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in

which case the amount in figures shall prevail subject to (a) and (b) above.

- 31.2 Bidders shall be requested to accept correction of arithmetical errors. Failure to accept the correction in accordance with ITB 31.1, shall result in the rejection of the Bid.

**32. Conversion to Single Currency**

- 32.1 For evaluation and comparison purposes, the currency(ies) of the Bid shall be converted in a single currency as specified **in the BDS**.

**33. Margin of Preference**

- 33.1 Unless otherwise specified **in the BDS**, a margin of preference shall not apply.

**34. Evaluation of Bids**

- 34.1 The Purchaser shall use the criteria and methodologies listed in this ITB and Section III, Evaluation and Qualification criteria. No other evaluation criteria or methodologies shall be permitted. By applying the criteria and methodologies, the Purchaser shall determine the Most Advantageous Bid. This is the Bid of the Bidder that meets the qualification criteria and whose Bid has been determined to be:

- (a) substantially responsive to the bidding document; and
- (b) the lowest evaluated cost.

- 34.2 To evaluate a Bid, the Purchaser shall consider the following:

- (a) evaluation will be done for Items or Lots (contracts), as specified **in the BDS**; and the Bid Price as quoted in accordance with ITB 14;
- (b) price adjustment for correction of arithmetic errors in accordance with ITB 31.1;
- (c) price adjustment due to discounts offered in accordance with ITB 14.4;
- (d) converting the amount resulting from applying (a) to (c) above, if relevant, to a single currency in accordance with ITB 32;
- (e) price adjustment due to quantifiable nonmaterial nonconformities in accordance with ITB 30.3; and
- (f) the additional evaluation factors are specified in Section III, Evaluation and Qualification Criteria.

- 34.3 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 taken into account in Bid evaluation.

- 34.4 If this bidding document allows Bidders to quote separate prices for different lots (contracts), the methodology to determine the lowest evaluated cost of the lot (contract) combinations, including any discounts offered in the Letter of Bid, is specified in Section III, Evaluation and Qualification Criteria.
- 34.5 The Purchaser's evaluation of a Bid will exclude and not take into account:
- (a) in the case of Goods manufactured in the Purchaser's Country, sales and other similar taxes, which will be payable on the goods if a contract is awarded to the Bidder;
  - (b) in the case of Goods manufactured outside the Purchaser's Country, already imported or to be imported, customs duties and other import taxes levied on the imported Good, sales and other similar taxes, which will be payable on the Goods if the contract is awarded to the Bidder;
  - (c) any allowance for price adjustment during the period of execution of the contract, if provided in the Bid.
- 34.6 The Purchaser's evaluation of a Bid may require the consideration of other factors, in addition to the Bid Price quoted in accordance with ITB 14. These factors may be related to the characteristics, performance, and terms and conditions of purchase of the Goods and Related Services. The effect of the factors selected, if any, shall be expressed in monetary terms to facilitate comparison of Bids, unless otherwise specified **in the BDS** from amongst those set out in Section III, Evaluation and Qualification Criteria. The criteria and methodologies to be used shall be as specified in ITB 34.2(f).

### 35. Comparison of Bids

- 35.1 The Purchaser shall compare the evaluated costs of all substantially responsive Bids established in accordance with ITB 34.2 to determine the Bid that has the lowest evaluated cost. The comparison shall be on the basis of CIP (place of final destination) prices for imported goods and EXW prices, plus cost of inland transportation and insurance to place of destination, for goods manufactured within the Borrower's country, together with prices for any required installation, training, commissioning and other services. The evaluation of prices shall not take into account custom duties and other taxes levied on imported goods quoted CIP and

sales and similar taxes levied in connection with the sale or delivery of goods.

**36. Abnormally Low Bids**

- 36.1 An Abnormally Low Bid is one where the Bid price, in combination with other constituent elements of the Bid, appears unreasonably low to the extent that the Bid price raises material concerns with the Purchaser as to the capability of the Bidder to perform the Contract for the offered Bid price.
- 36.2 In the event of identification of a potentially Abnormally Low Bid, the Purchaser shall seek written clarification from the Bidder, including a detailed price analyses of its Bid price in relation to the subject matter of the contract, scope, delivery schedule, allocation of risks and responsibilities and any other requirements of the bidding document.
- 36.3 After evaluation of the price analyses, in the event that the Purchaser determines that the Bidder has failed to demonstrate its capability to perform the contract for the offered Bid price, the Purchaser shall reject the Bid.

**37. Qualification of the Bidder**

- 37.1 The Purchaser shall determine, to its satisfaction, whether the eligible Bidder that is selected as having submitted the lowest evaluated cost and substantially responsive Bid, meets the qualifying criteria specified in Section III, Evaluation and Qualification Criteria.
- 37.2 The determination shall be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder, pursuant to ITB 17. The determination shall not take into consideration the qualifications of other firms such as the Bidder's subsidiaries, parent entities, affiliates, subcontractors (other than specialized subcontractors if permitted in the bidding document), or any other firm(s) different from the Bidder.
- 37.3 Prior to Contract award, the Purchaser will verify that the successful Bidder (including each member of a JV) is not disqualified by the Bank due to noncompliance with contractual SEA/SH prevention and response obligations. The Purchaser will conduct the same verification for each subcontractor proposed by the successful Bidder. If any proposed subcontractor does not meet the requirement, the Purchaser will require the Bidder to propose a replacement subcontractor.
- 37.4 An affirmative determination shall be a prerequisite for award of the Contract to the Bidder. A negative determination shall result in disqualification of the Bid, in

which event the Purchaser shall proceed to the Bidder who offers a substantially responsive Bid with the next lowest evaluated cost to make a similar determination of that Bidder's qualifications to perform satisfactorily.

**38. Purchaser's Right to Accept Any Bid, and to Reject Any or All Bids**

38.1 The Purchaser reserves the right to accept or reject any Bid, and to annul the Bidding process and reject all Bids at any time prior to Contract Award, without thereby incurring any liability to Bidders. In case of annulment, all Bids submitted and specifically, bid securities, shall be promptly returned to the Bidders.

**39. Standstill Period**

39.1 The Contract shall not be awarded earlier than the expiry of the Standstill Period. The Standstill Period shall be ten (10) Business Days unless extended in accordance with ITB 44. The Standstill Period commences the day after the date the Purchaser has transmitted to each Bidder the Notification of Intention to Award the Contract. Where only one Bid is submitted, or if this contract is in response to an emergency situation recognized by the Bank, the Standstill Period shall not apply.

**40. Notification of Intention to Award**

40.1 The Purchaser shall send to each Bidder the Notification of Intention to Award the Contract to the successful Bidder. The Notification of Intention to Award shall contain, at a minimum, the following information:

- (a) the name and address of the Bidder submitting the successful Bid;
- (b) the Contract price of the successful Bid;
- (c) the names of all Bidders who submitted Bids, and their Bid prices as readout, and as evaluated;
- (d) a statement of the reason(s) the Bid (of the unsuccessful Bidder to whom the notification is addressed) was unsuccessful, unless the price information in c) above already reveals the reason;
- (e) the expiry date of the Standstill Period;
- (f) Instructions on how to request a debriefing and/or submit a complaint during the standstill period.

## **F. Award of Contract**

**41. Award Criteria**

41.1 Subject to ITB 38, the Purchaser shall award the Contract to the Bidder offering the Most Advantageous Bid. The Most Advantageous Bid is the Bid of the Bidder that meets the

qualification criteria and whose Bid has been determined to be:

- (a) substantially responsive to the bidding document; and
- (b) the lowest evaluated cost.

**42. Purchaser's Right to Vary Quantities at Time of Award**

42.1 At the time the Contract is awarded, the Purchaser reserves the right to increase or decrease the quantity of Goods and Related Services originally specified in Section VII, Schedule of Requirements, provided this does not exceed the percentages specified **in the BDS**, and without any change in the unit prices or other terms and conditions of the Bid and the bidding document.

**43. Notification of Award**

43.1 Prior to the date of expiry of the Bid validity and upon expiry of the Standstill Period, specified in ITB 39.1 or any extension thereof, and upon satisfactorily addressing any complaint that has been filed within the Standstill Period, the Purchaser shall notify the successful Bidder, in writing, that its Bid has been accepted. The notification of award (hereinafter and in the Contract Forms called the "Letter of Acceptance") shall specify the sum that the Purchaser will pay the Supplier in consideration of the execution of the Contract (hereinafter and in the Conditions of Contract and Contract Forms called "the Contract Price").

43.2 Within ten (10) Business Days after the date of transmission of the Letter of Acceptance, the Purchaser shall publish the Contract Award Notice which shall contain, at a minimum, the following information:

- (a) name and address of the Purchaser;
- (b) name and reference number of the contract being awarded, and the selection method used;
- (c) names of all Bidders that submitted Bids, and their Bid prices as read out at Bid opening, and as evaluated;
- (d) names of all Bidders whose Bids were rejected either as nonresponsive or as not meeting qualification criteria, or were not evaluated, with the reasons therefor;
- (e) the name of the successful Bidder, the final total contract price, the contract duration and a summary of its scope; and

- (f) successful Bidder's Beneficial Ownership Disclosure Form, if specified in BDS ITB 45.1.

43.3 The Contract Award Notice shall be published on the Purchaser's website with free access if available, or in at least one newspaper of national circulation in the Purchaser's Country, or in the official gazette. The Purchaser shall also publish the contract award notice in UNDB online.

43.4 Until a formal Contract is prepared and executed, the Letter of Acceptance shall constitute a binding Contract.

#### **44. Debriefing by the Purchaser**

44.1 On receipt of the Purchaser's Notification of Intention to Award referred to in ITB 40.1, an unsuccessful Bidder has three (3) Business Days to make a written request to the Purchaser for a debriefing. The Purchaser shall provide a debriefing to all unsuccessful Bidders whose request is received within this deadline.

44.2 Where a request for debriefing is received within the deadline, the Purchaser shall provide a debriefing within five (5) Business Days, unless the Purchaser decides, for justifiable reasons, to provide the debriefing outside this timeframe. In that case, the standstill period shall automatically be extended until five (5) Business Days after such debriefing is provided. If more than one debriefing is so delayed, the standstill period shall not end earlier than five (5) Business Days after the last debriefing takes place. The Purchaser shall promptly inform, by the quickest means available, all Bidders of the extended standstill period

44.3 Where a request for debriefing is received by the Purchaser later than the three (3)-Business Day deadline, the Purchaser should provide the debriefing as soon as practicable, and normally no later than fifteen (15) Business Days from the date of publication of Public Notice of Award of contract. Requests for debriefing received outside the three (3)-day deadline shall not lead to extension of the standstill period.

44.4 Debriefings of unsuccessful Bidders may be done in writing or verbally. The Bidders shall bear their own costs of attending such a debriefing meeting.

#### **45. Signing of Contract**

45.1 The Purchaser shall send to the successful Bidder the Letter of Acceptance including the Contract Agreement, and, if specified in the BDS, a request to submit the Beneficial Ownership Disclosure Form providing additional information on its beneficial ownership. The Beneficial Ownership Disclosure Form, if so requested, shall be

submitted within eight (8) Business Days of receiving this request.

45.2 The successful Bidder shall sign, date and return to the Purchaser, the Contract Agreement within twenty-eight (28) days of its receipt.

45.3 Notwithstanding ITB 45.2 above, in case signing of the Contract Agreement is prevented by any export restrictions attributable to the Purchaser, to the country of the Purchaser, or to the use of the products/goods, systems or services to be supplied, where such export restrictions arise from trade regulations from a country supplying those products/goods, systems or services, the Bidder shall not be bound by its Bid, always provided however, that the Bidder can demonstrate to the satisfaction of the Purchaser and of the Bank that signing of the Contract Agreement has not been prevented by any lack of diligence on the part of the Bidder in completing any formalities, including applying for permits, authorizations and licenses necessary for the export of the products/goods, systems or services under the terms of the Contract.

#### **46. Performance Security**

46.1 Within twenty-eight (28) days of the receipt of Letter of Acceptance from the Purchaser, the successful Bidder, if required, shall furnish the Performance Security in accordance with the GCC 18, using for that purpose the Performance Security Form included in Section X, Contract Forms, or another Form acceptable to the Purchaser. If the Performance Security furnished by the successful Bidder is in the form of a bond, it shall be issued by a bonding or insurance company that has been determined by the successful Bidder to be acceptable to the Purchaser. A foreign institution providing a bond shall have a correspondent financial institution located in the Purchaser's Country, unless the Purchaser has agreed in writing that a correspondent financial institution is not required.

46.2 Failure of the successful Bidder 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 Bid Security. In that event the Purchaser may award the Contract to the Bidder offering the next Most Advantageous Bid.

#### **47. Procurement Related Complaint**

47.1 The procedures for making a Procurement-related Complaint are as specified in the BDS.



## Section II - Bid Data Sheet (BDS)

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

| <b>ITB<br/>Reference</b> | <b>A. General</b> |
|--------------------------|-------------------|
|--------------------------|-------------------|

**ITB  
1.1**

The reference number of the Request for Bids (RFB) is :

**KE-KURA-201971-GO-RFB**

The Purchaser is: **State Department of Roads; Ministry of Roads and Transport**

The name of the RFB is: **Package 1 of the Following Lots:**

1. LOT 1: Upgrade of Data Center and Disaster Recovery Site
2. LOT 2: Upgrade Connectivity and ICT Infrastructure to the Disaster Recovery Site
3. LOT 3: Improvement of ICT equipment (computers and accessories) in the Authority
4. LOT 4: Upgrading and Standardization of operating systems and Licenses Management System and Record/ documents digitization.

The number and identification of lots (contracts) comprising this RFB is:

| S/N<br>o | Lot 1 Description |                                                                                                 |                 |
|----------|-------------------|-------------------------------------------------------------------------------------------------|-----------------|
| 1.       | <b>Item</b>       | <b>Description</b>                                                                              | <b>Quantity</b> |
|          | 1                 | Server Computers                                                                                | 4               |
|          | 2                 | San Network Switches                                                                            | 3               |
|          | 3                 | Capacity Upgrade For Existing Netapp Fas2750 Ha Shared Storage Solution                         | 1               |
|          | 4                 | Shared Storage Solution                                                                         | 1               |
|          | 5                 | Backup, Replication, Veeam One And Orchestration Solution- Veeam Licenses (50 Virtual Machines) | 1               |
|          | 6                 | Virtualization Solution Software                                                                | 2               |
|          | 7                 | DC Core Network Switches Upgrade                                                                | 2               |
|          | 8                 | Next Generation Firewall Solution                                                               | 1               |
|          | 9                 | LC-LC 5m OM4 Fiber Cables- Quantity 30                                                          | 30              |
|          | 10                | Ethernet Cables Cat 6– 5M- Quantity 32                                                          | 32              |
|          | 11                | Server Room Entrance Modification At Data Center & Disaster Recovery site                       | Lot             |
|          |                   |                                                                                                 |                 |

|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <div>2.</div> <div><div>LOT 2: Upgrade Connectivity and ICT Infrastructure to the Disaster Recovery Site</div><table><tr><th>Item</th><th>Description</th><th>Quantity</th></tr><tr><td>1</td><td>Wide Area Network SDWAN Devices</td><td>2</td></tr><tr><td>2</td><td>Independent Internet Link<br/>a. DC = 120 MBPS<br/>b. DR= 100 MBPS<br/>NB: Bidders to include all required accessories (routers, cables, jacks etc ) to make good the work</td><td>LOT</td></tr></table></div> | Item        | Description | Quantity | 1                                                                                                         | Wide Area Network SDWAN Devices | 2  | 2                                                | Independent Internet Link<br>a. DC = 120 MBPS<br>b. DR= 100 MBPS<br>NB: Bidders to include all required accessories (routers, cables, jacks etc ) to make good the work | LOT |                                                   |     |    |                                                                                                                |     |    |                                                                                                                                               |     |  |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|----------|-----------------------------------------------------------------------------------------------------------|---------------------------------|----|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---------------------------------------------------|-----|----|----------------------------------------------------------------------------------------------------------------|-----|----|-----------------------------------------------------------------------------------------------------------------------------------------------|-----|--|
| Item | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Quantity                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |             |             |          |                                                                                                           |                                 |    |                                                  |                                                                                                                                                                         |     |                                                   |     |    |                                                                                                                |     |    |                                                                                                                                               |     |  |
| 1    | Wide Area Network SDWAN Devices                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |             |          |                                                                                                           |                                 |    |                                                  |                                                                                                                                                                         |     |                                                   |     |    |                                                                                                                |     |    |                                                                                                                                               |     |  |
| 2    | Independent Internet Link<br>a. DC = 120 MBPS<br>b. DR= 100 MBPS<br>NB: Bidders to include all required accessories (routers, cables, jacks etc ) to make good the work                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | LOT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |             |             |          |                                                                                                           |                                 |    |                                                  |                                                                                                                                                                         |     |                                                   |     |    |                                                                                                                |     |    |                                                                                                                                               |     |  |
|      | <div>3.</div> <div><div>LOT 3 Improvement of ICT equipment (computers and accessories) in the Authority</div><table><tr><th>Item</th><th>Description</th><th>Quantity</th></tr><tr><td>1</td><td>Laptop Computers</td><td>50</td></tr><tr><td>2</td><td>Wireless Access Points</td><td>14</td></tr><tr><td>3.</td><td>Photocopiers</td><td>6</td></tr><tr><td>4.</td><td>UPS</td><td>1</td></tr><tr><td>5.</td><td>Smart Idea Hub/Smart</td><td>2</td></tr></table></div>                                                                                                                                                                                                                                                                                                                                                                             | Item                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Description | Quantity    | 1        | Laptop Computers                                                                                          | 50                              | 2  | Wireless Access Points                           | 14                                                                                                                                                                      | 3.  | Photocopiers                                      | 6   | 4. | UPS                                                                                                            | 1   | 5. | Smart Idea Hub/Smart                                                                                                                          | 2   |  |
| Item | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Quantity                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |             |             |          |                                                                                                           |                                 |    |                                                  |                                                                                                                                                                         |     |                                                   |     |    |                                                                                                                |     |    |                                                                                                                                               |     |  |
| 1    | Laptop Computers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |             |             |          |                                                                                                           |                                 |    |                                                  |                                                                                                                                                                         |     |                                                   |     |    |                                                                                                                |     |    |                                                                                                                                               |     |  |
| 2    | Wireless Access Points                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |             |             |          |                                                                                                           |                                 |    |                                                  |                                                                                                                                                                         |     |                                                   |     |    |                                                                                                                |     |    |                                                                                                                                               |     |  |
| 3.   | Photocopiers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |             |          |                                                                                                           |                                 |    |                                                  |                                                                                                                                                                         |     |                                                   |     |    |                                                                                                                |     |    |                                                                                                                                               |     |  |
| 4.   | UPS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |             |          |                                                                                                           |                                 |    |                                                  |                                                                                                                                                                         |     |                                                   |     |    |                                                                                                                |     |    |                                                                                                                                               |     |  |
| 5.   | Smart Idea Hub/Smart                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |             |          |                                                                                                           |                                 |    |                                                  |                                                                                                                                                                         |     |                                                   |     |    |                                                                                                                |     |    |                                                                                                                                               |     |  |
|      | <div>4.</div> <div><div>LOT 4 Upgrading and Standardization of operating systems</div><table><tr><th>Item</th><th>Description</th><th>Quantity</th></tr><tr><td>1.</td><td>Server operating system equivalent to Windows Server 2022 Datacenter – Packs of 2 Core Perpetual Licenses</td><td>64</td></tr><tr><td>2.</td><td>Server operating system CALS -Perpetual Licenses</td><td>5</td></tr><tr><td>3.</td><td>Windows 11 Pro (64-Bit Operating system) or later</td><td>150</td></tr><tr><td>4.</td><td>Supply, Install and Configure one Hundred (100) Dynamics 365 Business Central Essentials (Named user licenses)</td><td>100</td></tr><tr><td>5.</td><td>Business Readiness Enhanced Plan (BREP) payable annually for One (1) year based on License Anniversary for the one Hundred (100) New Licenses</td><td>100</td></tr></table></div> | Item                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Description | Quantity    | 1.       | Server operating system equivalent to Windows Server 2022 Datacenter – Packs of 2 Core Perpetual Licenses | 64                              | 2. | Server operating system CALS -Perpetual Licenses | 5                                                                                                                                                                       | 3.  | Windows 11 Pro (64-Bit Operating system) or later | 150 | 4. | Supply, Install and Configure one Hundred (100) Dynamics 365 Business Central Essentials (Named user licenses) | 100 | 5. | Business Readiness Enhanced Plan (BREP) payable annually for One (1) year based on License Anniversary for the one Hundred (100) New Licenses | 100 |  |
| Item | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Quantity                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |             |             |          |                                                                                                           |                                 |    |                                                  |                                                                                                                                                                         |     |                                                   |     |    |                                                                                                                |     |    |                                                                                                                                               |     |  |
| 1.   | Server operating system equivalent to Windows Server 2022 Datacenter – Packs of 2 Core Perpetual Licenses                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 64                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |             |             |          |                                                                                                           |                                 |    |                                                  |                                                                                                                                                                         |     |                                                   |     |    |                                                                                                                |     |    |                                                                                                                                               |     |  |
| 2.   | Server operating system CALS -Perpetual Licenses                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |             |          |                                                                                                           |                                 |    |                                                  |                                                                                                                                                                         |     |                                                   |     |    |                                                                                                                |     |    |                                                                                                                                               |     |  |
| 3.   | Windows 11 Pro (64-Bit Operating system) or later                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 150                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |             |             |          |                                                                                                           |                                 |    |                                                  |                                                                                                                                                                         |     |                                                   |     |    |                                                                                                                |     |    |                                                                                                                                               |     |  |
| 4.   | Supply, Install and Configure one Hundred (100) Dynamics 365 Business Central Essentials (Named user licenses)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |             |             |          |                                                                                                           |                                 |    |                                                  |                                                                                                                                                                         |     |                                                   |     |    |                                                                                                                |     |    |                                                                                                                                               |     |  |
| 5.   | Business Readiness Enhanced Plan (BREP) payable annually for One (1) year based on License Anniversary for the one Hundred (100) New Licenses                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |             |             |          |                                                                                                           |                                 |    |                                                  |                                                                                                                                                                         |     |                                                   |     |    |                                                                                                                |     |    |                                                                                                                                               |     |  |

| <b>ITB 2.1</b>      | The Borrower is: <b>Government of Kenya. The Purchaser is Borrower's State Department of Roads in the Ministry of Roads and Transport</b><br>Loan or Financing Agreement amount: <b>US\$ 750 million</b><br>The name of the Project is: <b>Horn of Africa Gateway Development Project</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |    |             |    |                                                                       |    |                                                            |    |                                          |    |                                                                                                                    |    |                                           |    |                                                                                                                                                                                                                               |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------------|----|-----------------------------------------------------------------------|----|------------------------------------------------------------|----|------------------------------------------|----|--------------------------------------------------------------------------------------------------------------------|----|-------------------------------------------|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>ITB 4.1</b>      | Maximum number of members in the Joint Venture (JV) shall be: <b>Two (2)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |             |    |                                                                       |    |                                                            |    |                                          |    |                                                                                                                    |    |                                           |    |                                                                                                                                                                                                                               |
| <b>ITB 4.5</b>      | A list of debarred firms and individuals is available on the Bank's external website: <a href="http://www.worldbank.org/debarr">http://www.worldbank.org/debarr</a> .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |             |    |                                                                       |    |                                                            |    |                                          |    |                                                                                                                    |    |                                           |    |                                                                                                                                                                                                                               |
|                     | <b>B. Contents of Bidding Document</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |             |    |                                                                       |    |                                                            |    |                                          |    |                                                                                                                    |    |                                           |    |                                                                                                                                                                                                                               |
| <b>ITB 7.1</b>      | For <b>Clarification of Bid purposes</b> only, the Purchaser's address is:<br>Principal Secretary<br><i>Attention:</i> Head Supply Chain Management Services<br>State Department of Roads<br><b>Ministry of Roads and Transport</b><br>Works Building, Ngong' Road<br>Ground Floor<br>Room/Office Number 48<br>Telephone: <b>+254 (20) 2723232</b><br>E-mail: <b>scms@roads.go.ke</b><br><b>NAIROBI, KENYA</b><br><br>Requests for clarification should be received by the Purchaser no later than: <b>Fourteen (14) days to tender submission date.</b><br>Web page: <a href="http://www.transport.go.ke">www.transport.go.ke</a>                                                                                                                                                                                                                                                                                                                                                             |    |             |    |                                                                       |    |                                                            |    |                                          |    |                                                                                                                    |    |                                           |    |                                                                                                                                                                                                                               |
|                     | <b>C. Preparation of Bids</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |             |    |                                                                       |    |                                                            |    |                                          |    |                                                                                                                    |    |                                           |    |                                                                                                                                                                                                                               |
| <b>ITB 10.1</b>     | The language of the Bid is: <b>English</b><br><br>All correspondence exchange shall be in <b>English</b> language.<br>Language for translation of supporting documents and printed literature is <b>Not Applicable</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |             |    |                                                                       |    |                                                            |    |                                          |    |                                                                                                                    |    |                                           |    |                                                                                                                                                                                                                               |
| <b>ITB 11.1 (j)</b> | The Bidder shall submit the following additional documents in its Bid<br>List here the Additional documents that are required <table border="1"> <thead> <tr> <th>No</th><th>Requirement</th></tr> </thead> <tbody> <tr> <td>1.</td><td>Serialized and paginated pages (From the first page to the last page)</td></tr> <tr> <td>2.</td><td>Attach a copy of certificate of Incorporation/Registration</td></tr> <tr> <td>3.</td><td>Attach a copy of a Valid Business Permit</td></tr> <tr> <td>4.</td><td>Attach a copy of CR12 (Valid Within the last 6 months of tender advertisement) certified by Commissioner of oaths.</td></tr> <tr> <td>5.</td><td>Attach a valid Tax Compliance Certificate</td></tr> <tr> <td>6.</td><td>The bidder must provide signed certification / authorization from the manufacturer or distributor to do business as an authorized vendor for the proposed solution. This should be in the manufacturer's official letter head</td></tr> </tbody> </table> | No | Requirement | 1. | Serialized and paginated pages (From the first page to the last page) | 2. | Attach a copy of certificate of Incorporation/Registration | 3. | Attach a copy of a Valid Business Permit | 4. | Attach a copy of CR12 (Valid Within the last 6 months of tender advertisement) certified by Commissioner of oaths. | 5. | Attach a valid Tax Compliance Certificate | 6. | The bidder must provide signed certification / authorization from the manufacturer or distributor to do business as an authorized vendor for the proposed solution. This should be in the manufacturer's official letter head |
| No                  | Requirement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    |             |    |                                                                       |    |                                                            |    |                                          |    |                                                                                                                    |    |                                           |    |                                                                                                                                                                                                                               |
| 1.                  | Serialized and paginated pages (From the first page to the last page)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |             |    |                                                                       |    |                                                            |    |                                          |    |                                                                                                                    |    |                                           |    |                                                                                                                                                                                                                               |
| 2.                  | Attach a copy of certificate of Incorporation/Registration                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |    |             |    |                                                                       |    |                                                            |    |                                          |    |                                                                                                                    |    |                                           |    |                                                                                                                                                                                                                               |
| 3.                  | Attach a copy of a Valid Business Permit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |             |    |                                                                       |    |                                                            |    |                                          |    |                                                                                                                    |    |                                           |    |                                                                                                                                                                                                                               |
| 4.                  | Attach a copy of CR12 (Valid Within the last 6 months of tender advertisement) certified by Commissioner of oaths.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |             |    |                                                                       |    |                                                            |    |                                          |    |                                                                                                                    |    |                                           |    |                                                                                                                                                                                                                               |
| 5.                  | Attach a valid Tax Compliance Certificate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |    |             |    |                                                                       |    |                                                            |    |                                          |    |                                                                                                                    |    |                                           |    |                                                                                                                                                                                                                               |
| 6.                  | The bidder must provide signed certification / authorization from the manufacturer or distributor to do business as an authorized vendor for the proposed solution. This should be in the manufacturer's official letter head                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |             |    |                                                                       |    |                                                            |    |                                          |    |                                                                                                                    |    |                                           |    |                                                                                                                                                                                                                               |

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                        | <p>7. Attach copy of a valid ICT Authority Certification/accreditation<br/>As per below instructions:<br/>Lot 1- (ICTA 3: Data Center, ICTA 3: Information Security, ICTA 4: Cloud Computing) certified by commissioner for oaths<br/>Lot 2- (ICTA 5: ICT Networks, ICTA 5: Information security, ICTA 3: Systems and Application) certified by commissioner for oaths<br/>Lot 3- (ICTA 4: End User Computing) certified by commissioner for oaths<br/>Lot 4- (ICTA 3: Systems &amp; Applications) certified by commissioner for oaths</p> |
| <b>ITB 13.1</b>        | Alternative Bids <b>shall not be</b> considered.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>ITB 14.5</b>        | The prices quoted by the Bidder <b>shall not</b> be subject to adjustment during the performance of the Contract.                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>ITB 14.6</b>        | Prices quoted for each lot (contract) shall correspond to at least <b>to 100%</b> percent of the items specified for each lot (contract).<br>Prices quoted for each item of a lot shall correspond at least to <b>100%</b> percent of the quantities specified for this item of a lot.                                                                                                                                                                                                                                                     |
| <b>ITB 14.7</b>        | The Incoterms edition is: <b>2020</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>ITB 14.8 (b)(i)</b> | Place of destination: <b>As per Incoterm 2020, Delivery Duty Paid, Kenya Urban Roads Authority Headquarters, Barabara Plaza, Block D.</b>                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>ITB 14.8</b>        | Final Destination (Project Site): <b>Kenya Urban Roads Authority Headquarters, Barabara Plaza, Block D.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>ITB 15.1</b>        | The Bidder is required to quote in the currency of the Purchaser's Country the portion of the Bid price that corresponds to expenditures incurred in that currency.                                                                                                                                                                                                                                                                                                                                                                        |
| <b>ITB 16.4</b>        | Period of time the Goods are expected to be functioning: <b>Five (5) years</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>ITB 17.2 (a)</b>    | Manufacturer's authorization is: <b>Required for items supplied under Lot 1, Lot 2 and Lot 4</b>                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>ITB 17.2 (b)</b>    | After sales service is: <b>required</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>ITB 18.1</b>        | The Bid shall be valid until: <b>120 Days</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>ITB 18.3 (a)</b>    | The Bid price shall be adjusted by the following factor(s) <b>Not Applicable</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

| <b>ITB 19.1</b>                                                                   | <p>A <b>Bid Security</b> shall be required. The amount and currency of the Bid Security shall be:</p> <table><tr><th><b>Package No.</b></th><th><b>Lot No.</b></th><th><b>Lot Description</b></th><th><b>Bid Security Amount in KES.</b></th></tr><tr><td colspan="4"><b>Original Tender Security in the form of bank guarantee as indicated below:</b></td></tr><tr><td rowspan="4">1.</td><td>1.</td><td>Upgrade of Data Center and Disaster Recovery Site</td><td>1,000,000</td></tr><tr><td>2.</td><td>Upgrade Connectivity and ICT Infrastructure to the Disaster Recovery Site</td><td>150,000</td></tr><tr><td>3.</td><td>Improvement of ICT Equipment (Computers and Accessories) in the Authority</td><td>400,000</td></tr><tr><td>4.</td><td>Upgrading and Standardization-of Operating Systems and Licenses</td><td>400,000</td></tr></table> | <b>Package No.</b>                                                        | <b>Lot No.</b>                     | <b>Lot Description</b> | <b>Bid Security Amount in KES.</b> | <b>Original Tender Security in the form of bank guarantee as indicated below:</b> |  |  |  | 1. | 1. | Upgrade of Data Center and Disaster Recovery Site | 1,000,000 | 2. | Upgrade Connectivity and ICT Infrastructure to the Disaster Recovery Site | 150,000 | 3. | Improvement of ICT Equipment (Computers and Accessories) in the Authority | 400,000 | 4. | Upgrading and Standardization-of Operating Systems and Licenses | 400,000 |
|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|------------------------------------|------------------------|------------------------------------|-----------------------------------------------------------------------------------|--|--|--|----|----|---------------------------------------------------|-----------|----|---------------------------------------------------------------------------|---------|----|---------------------------------------------------------------------------|---------|----|-----------------------------------------------------------------|---------|
| <b>Package No.</b>                                                                | <b>Lot No.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Lot Description</b>                                                    | <b>Bid Security Amount in KES.</b> |                        |                                    |                                                                                   |  |  |  |    |    |                                                   |           |    |                                                                           |         |    |                                                                           |         |    |                                                                 |         |
| <b>Original Tender Security in the form of bank guarantee as indicated below:</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                           |                                    |                        |                                    |                                                                                   |  |  |  |    |    |                                                   |           |    |                                                                           |         |    |                                                                           |         |    |                                                                 |         |
| 1.                                                                                | 1.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Upgrade of Data Center and Disaster Recovery Site                         | 1,000,000                          |                        |                                    |                                                                                   |  |  |  |    |    |                                                   |           |    |                                                                           |         |    |                                                                           |         |    |                                                                 |         |
|                                                                                   | 2.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Upgrade Connectivity and ICT Infrastructure to the Disaster Recovery Site | 150,000                            |                        |                                    |                                                                                   |  |  |  |    |    |                                                   |           |    |                                                                           |         |    |                                                                           |         |    |                                                                 |         |
|                                                                                   | 3.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Improvement of ICT Equipment (Computers and Accessories) in the Authority | 400,000                            |                        |                                    |                                                                                   |  |  |  |    |    |                                                   |           |    |                                                                           |         |    |                                                                           |         |    |                                                                 |         |
|                                                                                   | 4.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Upgrading and Standardization-of Operating Systems and Licenses           | 400,000                            |                        |                                    |                                                                                   |  |  |  |    |    |                                                   |           |    |                                                                           |         |    |                                                                           |         |    |                                                                 |         |
| <b>ITB 19.3 (d)</b>                                                               | Other types of acceptable securities: None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                           |                                    |                        |                                    |                                                                                   |  |  |  |    |    |                                                   |           |    |                                                                           |         |    |                                                                           |         |    |                                                                 |         |
| <b>ITB 19.9</b>                                                                   | Not Applicable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                           |                                    |                        |                                    |                                                                                   |  |  |  |    |    |                                                   |           |    |                                                                           |         |    |                                                                           |         |    |                                                                 |         |
| <b>ITB 20.1</b>                                                                   | In addition to the original of the Bid, the number of copies is: <b>One Copy</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                           |                                    |                        |                                    |                                                                                   |  |  |  |    |    |                                                   |           |    |                                                                           |         |    |                                                                           |         |    |                                                                 |         |
| <b>ITB 20.3</b>                                                                   | The written confirmation of authorization to sign on behalf of the Bidder shall consist of: <b>The Power of Attorney shall be Signed by the Commissioner of Oaths</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                           |                                    |                        |                                    |                                                                                   |  |  |  |    |    |                                                   |           |    |                                                                           |         |    |                                                                           |         |    |                                                                 |         |
|                                                                                   | <b>D. Submission and Opening of Bids</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                           |                                    |                        |                                    |                                                                                   |  |  |  |    |    |                                                   |           |    |                                                                           |         |    |                                                                           |         |    |                                                                 |         |
| <b>ITB 22.1</b>                                                                   | <p>For <b><u>Bid submission purposes</u></b> only, the Purchaser’s address is:<br/>Attention: <b>The Principal Secretary</b><br/><b>State Department of Roads</b><br/>Street Address: <b>Ngong Road</b><br/>Floor/ Room number: <b>Tender Box on Ground floor, opposite Room 48, Works Building</b><br/>City: <b>Nairobi</b><br/>Country: <b>Kenya</b><br/><b>The deadline for Bid submission is:</b><br/>Date: <b>16<sup>th</sup> July 2025</b><br/>Time: <b>1100 hours Kenyan Time</b><br/>Bidders <b>shall not</b> have the option of submitting their Bids electronically.</p>                                                                                                                                                                                                                                                                       |                                                                           |                                    |                        |                                    |                                                                                   |  |  |  |    |    |                                                   |           |    |                                                                           |         |    |                                                                           |         |    |                                                                 |         |

|                                             | The electronic Bidding submission procedures shall be: <b>Not Applicable</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |         |                 |    |                                                   |    |                                                                           |    |                                                                           |    |                                                                 |
|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------|-----------------|----|---------------------------------------------------|----|---------------------------------------------------------------------------|----|---------------------------------------------------------------------------|----|-----------------------------------------------------------------|
| <b>ITB 25.1</b>                             | The Bid opening shall take place at:<br>Street Address: <b>Ngong Road</b><br>Floor/ Room number: <b>9<sup>th</sup> floor, Board room, Works Building</b><br>City: <b>Nairobi</b><br>Country: <b>Kenya</b><br>Date: <b>16<sup>th</sup> July 2025</b><br>Time: <b>1100 hours Kenyan Time</b><br>The electronic Bid opening procedures shall be: <b>Not Applicable</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |         |                 |    |                                                   |    |                                                                           |    |                                                                           |    |                                                                 |
| <b>ITB 25.6</b>                             | The Letter of Bid and Price Schedules shall be initialed by <b>three (3)</b> representatives of the Purchaser conducting Bid opening.<br>Each Bid shall be numbered, and initialed by all representatives any modification to the unit or total price shall be initialed by the Representatives of the Purchaser.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |         |                 |    |                                                   |    |                                                                           |    |                                                                           |    |                                                                 |
| <b>E. Evaluation and Comparison of Bids</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |         |                 |    |                                                   |    |                                                                           |    |                                                                           |    |                                                                 |
| <b>ITB 32.1</b>                             | The currency that shall be used for Bid evaluation and comparison purposes to convert at the selling exchange rate all Bid prices expressed in various currencies into a single currency is: <b>KENYA SHILLING (KES)</b><br>The source of exchange rate shall be: <b>Central Bank of Kenya Selling Rate</b><br>The date for the exchange rate shall be: <b>Deadline/Opening date for submission of bids</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |         |                 |    |                                                   |    |                                                                           |    |                                                                           |    |                                                                 |
| <b>ITB 33.1</b>                             | A margin of domestic preference <b>shall not</b> apply                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |         |                 |    |                                                   |    |                                                                           |    |                                                                           |    |                                                                 |
| <b>ITB 34.2(a)</b>                          | <div>Evaluation will be done for;<table><tr><th>Lot No.</th><th>Lot Description</th></tr><tr><td>1.</td><td>Upgrade of Data Center and Disaster Recovery Site</td></tr><tr><td>2.</td><td>Upgrade Connectivity and ICT Infrastructure to the Disaster Recovery Site</td></tr><tr><td>3.</td><td>Improvement of ICT Equipment (Computers and Accessories) in the Authority</td></tr><tr><td>4.</td><td>Upgrading and Standardization-of Operating Systems and Licenses</td></tr></table></div> <div><u>Note:</u><br/><i>Bids will be evaluated lot by lot. If a Price Schedule shows items listed but not priced, their prices shall be assumed to be included in the prices of other items. An item not listed in the Price Schedule shall be assumed to be not included in the Bid, and provided that the Bid is substantially responsive, the average or highest price (as specified in the BDS) of the item quoted by substantially responsive Bidders will be added to the Bid price and the equivalent total cost of the Bid so determined will be used for price Comparison.</i></div> |  | Lot No. | Lot Description | 1. | Upgrade of Data Center and Disaster Recovery Site | 2. | Upgrade Connectivity and ICT Infrastructure to the Disaster Recovery Site | 3. | Improvement of ICT Equipment (Computers and Accessories) in the Authority | 4. | Upgrading and Standardization-of Operating Systems and Licenses |
| Lot No.                                     | Lot Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |         |                 |    |                                                   |    |                                                                           |    |                                                                           |    |                                                                 |
| 1.                                          | Upgrade of Data Center and Disaster Recovery Site                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |         |                 |    |                                                   |    |                                                                           |    |                                                                           |    |                                                                 |
| 2.                                          | Upgrade Connectivity and ICT Infrastructure to the Disaster Recovery Site                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |         |                 |    |                                                   |    |                                                                           |    |                                                                           |    |                                                                 |
| 3.                                          | Improvement of ICT Equipment (Computers and Accessories) in the Authority                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |         |                 |    |                                                   |    |                                                                           |    |                                                                           |    |                                                                 |
| 4.                                          | Upgrading and Standardization-of Operating Systems and Licenses                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |         |                 |    |                                                   |    |                                                                           |    |                                                                           |    |                                                                 |
| <b>ITB 34.6</b>                             | The adjustments shall be determined using the following criteria, from amongst those set out in Section III, Evaluation and Qualification Criteria:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |         |                 |    |                                                   |    |                                                                           |    |                                                                           |    |                                                                 |

|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                 | <p>(a) Deviation in Delivery schedule: “NOT APPLICABLE”</p> <p>(b) Deviation in payment schedule: “NOT APPLICABLE”</p> <p>(c) the cost of major replacement component, mandatory spare parts, and service: “NOT APPLICABLE”</p> <p>(d) the availability in the Purchaser’s Country of spare parts and after-sales services for the equipment offered in the Bid; “NOT APPLICABLE”</p> <p>(e) Life cycle costs: the costs during the life of the goods or equipment “NOT APPLICABLE”</p> <p>(i) number of years for life cycle cost determination 10 years “NOT APPLICABLE”</p> <p>(ii) the discount rate to be applied to determine the net present value of future operation and maintenance costs (recurrent costs) is 8% “NOT APPLICABLE”</p> <p>(iii) the annual operating and maintenance costs (recurrent costs) shall be determined on the basis of the following methodology: Based on the summation of Total cost = (10,000 hrs/Component life cycle in hrs) * Quantity of components * Unit costs of components “NOT APPLICABLE”</p> <p>(iv) and the following information is required from bidders; “NOT APPLICABLE”</p> <p>Bidders will be required to provide the information for a single unit of each class of equipment as listed in the tables in the General Conditions of Contract.</p> <ul style="list-style-type: none"> <li>➤ The expected overall life cycle of the equipment</li> <li>➤ The part numbers of each of the listed components</li> <li>➤ The expected number of hour/kms each component is expected to run before it should be replaced</li> <li>➤ The unit price of each of the components</li> </ul> <p>(f) the performance and productivity of the equipment offered; “NOT APPLICABLE”</p> <p>Refer to Evaluation Criteria, Section III, 2.1 f(i)</p> <p>(g) Specific additional criteria, “NOT APPLICABLE”</p> |
|                 | <b>F. Award of Contract</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>ITB 42</b>   | The maximum percentage by which quantities may be increased is: <b>Not applicable.</b><br>The maximum percentage by which quantities may be decreased is: <b>Not applicable</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>ITB 45.1</b> | The successful Bidder <b>shall</b> submit the Beneficial Ownership Disclosure Form.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>ITB 47.1</b> | <p>The procedures for making a Procurement-related Complaint are detailed in the “<u>Procurement Regulations for IPF Borrowers</u> (Annex III).” If a Bidder wishes to make a Procurement-related Complaint, the Bidder should submit its complaint following these procedures, in writing (by the quickest means available, that is either by email or fax), to:</p> <p style="text-align: center;">Principal Secretary<br/>Attention: Head Supply Chain Management Services<br/>State Department of Roads</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>Ministry of Roads and Transport</b><br/>Works Building, Ngong' Road<br/>Ground Floor<br/>Room/Office Number 48<br/>Telephone: <b>+254 (20) 2723232</b><br/>E-mail: <b>scms@roads.go.ke</b><br/><b>NAIROBI, KENYA</b></p> <p>In summary, a Procurement-related Complaint may challenge any of the following:</p> <ol style="list-style-type: none"><li>1. the terms of the Bidding Documents; and</li><li>2. the Purchaser's decision to award the contract..</li></ol> |
|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



# Section III - Evaluation and Qualification Criteria

1. Margin of Preference (ITB 33) ..... 48

2. Evaluation (ITB 34) ..... 49

3. Qualification (ITB 37)..... 51

### 1. Margin of Preference (ITB 33) “NOT APPLICABLE”

If the Bidding Data Sheet so specifies, the Purchaser will grant a margin of preference to goods manufactured in the Purchaser’s Country for the purpose of Bid comparison, in accordance with the procedures outlined in subsequent paragraphs.

Substantially responsive Bids will be classified in one of three groups, as follows:

- (a) **Group A:** Bids offering goods manufactured in the Purchaser’s Country, for which (i) labor, raw materials, and components from within the Purchaser’s Country account for more than thirty (30) percent of the EXW price; and (ii) the production facility in which they will be manufactured or assembled has been engaged in manufacturing or assembling such goods at least since the date of Bid submission.
- (b) **Group B:** All other Bids offering Goods manufactured in the Purchaser’s Country.
- (c) **Group C:** Bids offering Goods manufactured outside the Purchaser’s Country that have been already imported or that will be imported.

To facilitate this classification by the Purchaser, the Bidder shall complete whichever version of the Price Schedule furnished in the bidding document is appropriate provided, however, that the completion of an incorrect version of the Price Schedule by the Bidder shall not result in rejection of its Bid, but merely in the Purchaser’s reclassification of the Bid into its appropriate Bid group.

The Purchaser will first review the Bids to confirm the appropriateness of, and to modify as necessary, the Bid group classification to which Bidders assigned their Bids in preparing their Bid Forms and Price Schedules.

The Bids in each group will then be compared to determine the Bid with the lowest evaluated cost in that group. The lowest evaluated cost Bid from each group shall then be compared with each other and if as a result of this comparison a Bid from Group A or Group B is the lowest, it shall be selected for the award.

If as a result of the preceding comparison, a Bid from Group C is the lowest evaluated cost, all Bids from Group C shall be further compared with the Bid with the lowest evaluated cost from Group A after adding to the evaluated costs of goods offered in each Bid from Group C, for the purpose of this further comparison only, an amount equal to 15% (fifteen percent) of the respective CIP Bid price for goods to be imported and already imported goods. Both prices shall include unconditional discounts and be corrected for arithmetical errors. If the Bid from Group A is the lowest, it shall be selected for award. If not, the lowest evaluated cost from Group C shall be selected.

### Most Advantageous Bid

The Purchaser shall use the criteria and methodologies listed in Section 2 and 3 below to determine the Most Advantageous Bid. The Most Advantageous Bid is the Bid of the Bidder that meets the qualification criteria and whose Bid has been determined to be:

- (a) substantially responsive to the bidding document; and

- (b) the lowest evaluated cost.

## 2. Evaluation (ITB 34)

### 2.1. Evaluation Criteria (ITB 34.6)

The Purchaser's evaluation of a Bid may take into account, in addition to the Bid Price quoted in accordance with ITB 14.8, one or more of the following factors as specified in ITB 34.2(f) and in BDS referring to ITB 34.6, using the following criteria and methodologies.

- (a) Delivery schedule. (As per Incoterms specified in the BDS) N/A

*The Goods specified in the List of Goods are required to be delivered within the acceptable time range (after the earliest and before the final date, both dates inclusive) specified in Section VII, Schedule of Requirements. No credit will be given to deliveries before the earliest date, and Bids offering delivery after the final date shall be treated as nonresponsive. Within this acceptable period, an adjustment of [insert the adjustment factor], will be added, for evaluation purposes only, to the Bid price of Bids offering deliveries later than the "Earliest Delivery Date" specified in Section VII, Schedule of Requirements.*

- (b) Deviation in payment schedule. [insert one of the following] N/A

- (i) *Bidders shall state their Bid price for the payment schedule outlined in the SCC. Bids shall be evaluated on the basis of this base price. Bidders are, however, permitted to state an alternative payment schedule and indicate the reduction in Bid price they wish to offer for such alternative payment schedule. The Purchaser may consider the alternative payment schedule and the reduced Bid price offered by the Bidder selected on the basis of the base price for the payment schedule outlined in the SCC.*

**or**

- (i) *The SCC stipulates the payment schedule specified by the Purchaser. If a Bid deviates from the schedule and if such deviation is considered acceptable to the Purchaser, the Bid will be evaluated by calculating interest earned for any earlier payments involved in the terms outlined in the Bid as compared with those stipulated in the SCC, at the rate per annum [insert adjustment rate].*

- (c) Cost of major replacement components, mandatory spare parts, and service. [insert one of the following] N/A

- (i) *The list of items and quantities of major assemblies, components, and selected spare parts, likely to be required during the initial period of operation specified in the BDS 16.4, is in the List of Goods. An adjustment equal to the total cost of these items, at the unit prices quoted in each Bid, shall be added to the Bid price, for evaluation purposes only.*

**or**

- (i) *The Purchaser will draw up a list of high-usage and high-value items of components and spare parts, along with estimated quantities of usage in the initial period of operation specified in the BDS 16.4. The total cost of these items and quantities will be computed from spare parts unit prices submitted by the Bidder and added to the Bid price, for evaluation purposes only.*
- (d) Availability in the Purchaser's Country of spare parts and after sales services for equipment offered in the Bid.

An adjustment equal to the cost to the Purchaser of establishing the minimum service facilities and parts inventories if quoted separately, shall be added to the Bid price, for evaluation purposes only. *Not Applicable*

- (e) Life Cycle Costs – Not Applicable

If specified in BDS 34.6, an adjustment to take into account the additional life cycle costs for the period specified below, such as the operating and maintenance costs of the Goods, will be added to the Bid price, for evaluation purposes only. The adjustment will be evaluated in accordance with the methodology specified below and the following information:

*[Note to Purchaser: Life cycle costing should be used when the costs of operation and/or maintenance over the specified life of the goods are estimated to be considerable in comparison with the initial cost and may vary among different Bids. Life cycle costs shall be evaluated on a net present value basis. If life cycle costs apply, then specify the factors required to determine them for evaluation purposes.*

*[Either amend the following text as required, or delete if life cycle cost is not applicable]*

- (i) number of years for life cycle cost determination *[insert the number of years]*;
  - (ii) the discount rate to be applied to determine the net present value of future operation and maintenance costs (recurrent costs) is *[insert the discount rate]*;
  - (iii) the annual operating and maintenance costs (recurrent costs) shall be determined on the basis of the following methodology: *[insert methodology]*;
  - (iv) and the following information is required from bidders *[insert any information required from bidders, including prices]*.
- (f) Performance and productivity of the equipment: *[insert one of the following]*
    - (i) Performance and productivity of the equipment. An adjustment representing the capitalized cost of additional operating costs over the life of the goods will be added to the Bid price, for evaluation purposes if specified in BDS 34.6. The adjustment will be evaluated based on the drop in the guaranteed performance or efficiency offered in the Bid below the norm of 100, using the methodology specified below.

*[insert the methodology and criteria if applicable]*

**or**

- (i) An adjustment to take into account the productivity of the goods offered in the Bid will be added to the Bid price, for evaluation purposes only, if specified in BDS 34.6. The adjustment will be evaluated based on the cost per unit of the actual productivity of goods offered in the Bid with respect to minimum required values, using the methodology specified below.

*[Insert the methodology and criteria if applicable]*

- (g) Specific additional criteria

*[Other specific additional criteria to be considered in the evaluation, and the evaluation method shall be detailed in BDS 34.6][If specific **sustainable procurement technical requirements** have been specified in Section VII- Specification, **either** state that (i) those requirements will be evaluated on a pass/fail (compliance basis) **or** otherwise (ii) in addition to evaluating those requirements on a pass/fail (compliance basis), if applicable, specify the monetary adjustments to be applied to Bid Prices for comparison purposes on account of Bids that exceed the specified minimum sustainable procurement technical requirements.]*

## **2.2. Multiple Contracts (ITB 34.4)**

If in accordance with ITB 1.1, Bids are invited for individual lots or for any combination of lots, the contract will be awarded to the Bidder or Bidders offering a substantially responsive Bid(s) and the lowest evaluated cost to the Purchaser for combined lots, after considering all possible combination of lots, subject to the selected Bidder(s) meeting the required qualification criteria (this Section III, Sub-Section ITB 37 Qualification Requirements) for a lot or combination of lots as the case may be.

In determining Bidder or Bidders that offer the total lowest evaluated cost to the Purchaser for combined lots, the Purchaser shall apply the following steps in sequence:

- (a) evaluate individual lots to determine the substantially responsive Bids and corresponding evaluated costs;
- (b) for each lot, rank the substantially responsive Bids starting from the lowest evaluated cost for the lot;
- (c) apply to the evaluated costs listed in b) above, any applicable discounts/price reductions offered by a Bidder (s) for the award of multiple contracts based on the discounts and the methodology for their application offered by the respective Bidder; and
- (d) determine contract award on the basis of the combination of lots that offer the total lowest evaluated cost to the Purchaser.

## **2.3. Alternative Bids (ITB 13.1) NOT APPLICABLE**

## **3. Qualification (ITB 37)**

### **3.1 Qualification Criteria (ITB 37.1)**

After determining the substantially responsive Bid which offers the lowest-evaluated cost in accordance with ITB 34, and, if applicable, the assessment of any Abnormally Low Bid (in accordance with ITB 36) the Purchaser shall carry out the post-qualification of the Bidder in accordance with ITB 37, using only the requirements specified. Requirements not included in the text below shall not be used in the evaluation of the Bidder's qualifications.

- (a) **Financial Capability:** The Bidder shall submit audited financial statements or, if not required by the law of the Bidder's country, other financial statements acceptable to the Purchaser, for the last three **(3) years** prior to bid submission deadline, demonstrating the current soundness of the Bidder's financial position. For a joint venture, this requirement shall be met by each member.
- (b) **Specific Experience:** The Bidder shall demonstrate that he has successfully completed at least **three (3) contracts** within the last five **(5) years** prior to bid submission deadline, each with a value of at least **KES Thirty Million (30,000,000/=) per contract for Lot 1, KES Ten Million (10,000,000/=) per contract for Lot 2, KES Twenty Million (20,000,000/=) per contract for Lot 3 and KES. Twenty Million (20,000,000) per contract for Lot 4** that have been successfully and substantially completed and that are similar in nature and complexity to the Goods and Related Services under the Contract. For a joint venture, this requirement shall be met by all members combined.
- (c) **Documentary Evidence:** The Bidder shall furnish documentary evidence to demonstrate that the goods it offers meet the following usage requirements:

| Lot   | Description                                       | Lot Items                           | Documentary evidence required for                                                                                                                                                                                         |
|-------|---------------------------------------------------|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Lot 1 | Upgrade of Data Center and Disaster Recovery Site | Servers computers                   | the goods certified to be of the right quality by submitting a quality standard certificate from Kenya Bureau of Standard (KEBS) Certificate or any other acceptable and accredited International Quality Standard Bodies |
|       |                                                   | Shared Storage systems              | the goods certified to be of the right quality by submitting a quality standard certificate from Kenya Bureau of Standard (KEBS) Certificate or any other acceptable and accredited International Quality Standard Bodies |
|       |                                                   | Backup, Replication & Orchestration | the goods certified to be of the right quality by submitting a quality standard certificate from Kenya Bureau of Standard (KEBS) Certificate or any other acceptable                                                      |

|       |                                                                      |                                   |                                                                                                                                                                                                                           |
|-------|----------------------------------------------------------------------|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|       |                                                                      |                                   | and accredited International Quality Standard Bodies                                                                                                                                                                      |
|       |                                                                      | Next Generation Firewall solution | the goods certified to be of the right quality by submitting a quality standard certificate from Kenya Bureau of Standard (KEBS) Certificate or any other acceptable and accredited International Quality Standard Bodies |
|       |                                                                      | Core network switches             | the goods certified to be of the right quality by submitting a quality standard certificate from Kenya Bureau of Standard (KEBS) Certificate or any other acceptable and accredited International Quality Standard Bodies |
|       |                                                                      | Fiber Channel SAN Switches        | the goods certified to be of the right quality by submitting a quality standard certificate from Kenya Bureau of Standard (KEBS) Certificate or any other acceptable and accredited International Quality Standard Bodies |
|       |                                                                      | Virtualization Solution software  | the goods certified to be of the right quality by submitting a quality standard certificate from Kenya Bureau of Standard (KEBS) Certificate or any other acceptable and accredited International Quality Standard Bodies |
|       |                                                                      | CAT 6 Ethernet cables             | the goods certified to be of the right quality by submitting a quality standard certificate from Kenya Bureau of Standard (KEBS) Certificate or any other acceptable and accredited International Quality Standard Bodies |
| Lot 2 | Upgrade Connectivity and ICT Infrastructure to the Disaster Recovery | Wide Area Network SDWAN Devices   | the goods certified to be of the right quality by submitting a quality standard certificate from Kenya Bureau of Standard (KEBS) Certificate or any other acceptable                                                      |

|       |                                                                           |                                                            |                                                                                                                                                                                                                           |
|-------|---------------------------------------------------------------------------|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|       |                                                                           |                                                            | and accredited International Quality Standard Bodies                                                                                                                                                                      |
|       |                                                                           | Independent Internet Links<br>DC =120 MBPS<br>DR= 100 MBPS | 5G connectivity                                                                                                                                                                                                           |
| Lot 3 | Improvement of ICT equipment (computers and accessories) in the Authority | LAPTOP COMPUTER- SCREEN SIZE 13.3’’                        | the goods certified to be of the right quality by submitting a quality standard certificate from Kenya Bureau of Standard (KEBS) Certificate or any other acceptable and accredited International Quality Standard Bodies |
|       |                                                                           | LAPTOP COMPUTER- SCREEN SIZE 14’’                          | the goods certified to be of the right quality by submitting a quality standard certificate from Kenya Bureau of Standard (KEBS) Certificate or any other acceptable and accredited International Quality Standard Bodies |
|       |                                                                           | DESKTOP PRINTERS                                           | the goods certified to be of the right quality by submitting a quality standard certificate from Kenya Bureau of Standard (KEBS) Certificate or any other acceptable and accredited International Quality Standard Bodies |
|       |                                                                           | Photocopiers                                               | the goods certified to be of the right quality by submitting a quality standard certificate from Kenya Bureau of Standard (KEBS) Certificate or any other acceptable and accredited International Quality Standard Bodies |
|       |                                                                           | SMARTBOARDS 86- inch screen                                | the goods certified to be of the right quality by submitting a quality standard certificate from Kenya Bureau of Standard (KEBS) Certificate or any other acceptable and accredited International Quality Standard Bodies |
|       |                                                                           | SMARTBOARDS 65 inch’ screen                                | the goods certified to be of the right quality by submitting a quality                                                                                                                                                    |

|       |                                                                 |                                                                                                                                               |                                                                                                                                                                                                                           |
|-------|-----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|       |                                                                 |                                                                                                                                               | standard certificate from Kenya Bureau of Standard (KEBS) Certificate or any other acceptable and accredited International Quality Standard Bodies                                                                        |
|       |                                                                 | UNINTERRUPTED POWER SUPPLY (UPS)                                                                                                              | the goods certified to be of the right quality by submitting a quality standard certificate from Kenya Bureau of Standard (KEBS) Certificate or any other acceptable and accredited International Quality Standard Bodies |
|       |                                                                 | LAPTOP COMPUTER-SCREEN SIZE 13.3’’                                                                                                            | the goods certified to be of the right quality by submitting a quality standard certificate from Kenya Bureau of Standard (KEBS) Certificate or any other acceptable and accredited International Quality Standard Bodies |
| Lot 4 | Upgrading and Standardization of Operating Systems and Licenses | Server operating system equivalent to Windows Server 2022 Datacenter – Packs of 2 Core Licenses                                               | Microsoft                                                                                                                                                                                                                 |
|       |                                                                 | Server operating system CALS                                                                                                                  | Microsoft Corporation                                                                                                                                                                                                     |
|       |                                                                 | Windows 11 Pro (64-Bit Operating system)                                                                                                      | Microsoft Corporation                                                                                                                                                                                                     |
|       |                                                                 | Supply, Install and Configure one Hundred (100) Dynamics 365 Business Central Essentials (Named user licenses)                                | Microsoft Corporation                                                                                                                                                                                                     |
|       |                                                                 | Business Readiness Enhanced Plan (BREP) payable annually for One (1) year based on License Anniversary for the One Hundred (100) New Licenses | Microsoft Corporation                                                                                                                                                                                                     |

(d) **Manufacturing experience and Technical Capacity:** For the items under the Contract that the bidder is a manufacturer, the Bidder shall furnish documentary evidence to demonstrate that:

(i) it has manufactured goods of similar nature and complexity for at least 7 years [e.g. seven years], prior to the bid submission deadline; and

(ii) its annual production capacity of goods of similar nature and complexity for each of the last 4 years [e.g. four years] prior to the bid submission deadline, is at least 2000 times the quantities specified under the contract.

(e) **Manufacturer's authorization:** A Bidder who does not manufacture an item/s where a manufacturer authorization is required in accordance with BDS ITB 17.2 (a), the Bidder shall provide evidence of being duly authorized by a manufacturer (Manufacturer's Authorization Form, Section IV, Bidding Forms), meeting the criteria in (d) (i) and (ii) above, to supply the Goods;

**The required Manufacturers authorization according to the Lots are in the table below:**

|       |                                                                                                                                                                                                             |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NB:   | The MAF forms are provided in Bidding Forms<br>MAF forms must be signed and not older than 30 days                                                                                                          |
| Lot 1 | Bidders are required to provide MAF forms from the following OEMs:<br>a) Virtualization Solution proposed<br>b) Vendor of the Server model proposed.<br>c) NetApp.<br>d) Veeam.<br>e) Fortinet.<br>f) Cisco |
| Lot 2 | Bidders are required to provide MAF forms for the proposed SD-WAN devices.                                                                                                                                  |
| Lot 4 | Bidders are required to provide MAF from; Microsoft Corporation                                                                                                                                             |

(f) A bidder who does who does not manufacture an item/s where a manufacturer authorization is not required in accordance with BDS ITB 17.2 (a), the bidder shall submit documentation on, its status as a supplier, to the satisfaction of the Purchaser (*e.g. authorized dealer/ distributor of the items*).

At the time of Contract Award, the Bidder (including each subcontractor proposed by the Bidder) shall not be subject to disqualification by the Bank for non-compliance with SEA/SH obligations.



## Section IV - Bidding Forms

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## Letter of Bid

**INSTRUCTIONS TO BIDDERS: DELETE THIS BOX ONCE YOU HAVE COMPLETED THE DOCUMENT**

*The Bidder must prepare this Letter of Bid on stationery with its letterhead clearly showing the Bidder's complete name and business address.*

*Note: All italicized text is to help Bidders in preparing this form.*

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

**RFB No.:** *[insert number of RFB process]*

**Request for Bid No.:** *[insert identification]*

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

**To:** *[insert complete name of Purchaser]*

- (a) **No reservations:** We have examined and have no reservations to the bidding document, including Addenda issued in accordance with Instructions to Bidders (ITB 8);
- (b) **Eligibility:** We meet the eligibility requirements and have no conflict of interest in accordance with ITB 4;
- (c) **Bid/Proposal-Securing Declaration:** We have not been suspended nor declared ineligible by the Purchaser based on execution of a Bid-Securing Declaration or Proposal-Securing Declaration in the Purchaser's Country in accordance with ITB 4.7;
- (d) **Sexual Exploitation and Abuse (SEA) and/or Sexual Harassment (SH):** *[select the appropriate option from (i) to (iii) below and delete the others. In case of JV members and/or subcontractors, indicate the status of disqualification by the Bank of each JV member and/or subcontractor].*

We, including any of our subcontractors:

- (i) *[have not been subject to disqualification by the Bank for non-compliance with SEA/ SH obligations.]*
- (ii) *[are subject to disqualification by the Bank for non-compliance with SEA/ SH obligations.]*
- (iii) *[had been subject to disqualification by the Bank for non-compliance with SEA/ SH obligations and were removed from the disqualification list. An arbitral award on the disqualification case has been made in our favor.]*

- (e) **Conformity:** We offer to supply in conformity with the bidding document and in accordance with the Delivery Schedules specified in the Schedule of Requirements the following Goods: *[insert a brief description of the Goods and Related Services]*;
- (f) **Bid Price:** The total price of our Bid, excluding any discounts offered in item (f) below is:

Option 1, in case of one lot: Total price is: *[insert the total price of the Bid 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]*;

- (g) **Discounts:** The discounts offered and the methodology for their application are:
- (i) The discounts offered are: *[Specify in detail each discount offered.]*
- (ii) The exact method of calculations to determine the net price after application of discounts is shown below: *[Specify in detail the method that shall be used to apply the discounts]*;
- (h) **Bid Validity:** Our Bid shall be valid until *[insert day, month and year in accordance with ITP 18.1]*, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- (i) **Performance Security:** If our Bid is accepted, we commit to obtain a performance security in accordance with the bidding document;
- (j) **One Bid per Bidder:** We are not submitting any other Bid(s) as an individual Bidder, and we are not participating in any other Bid(s) as a Joint Venture member, or as a subcontractor, and meet the requirements of ITB 4.3, other than alternative Bids submitted in accordance with ITB 13;
- (k) **Suspension and Debarment:** We, along with any of our subcontractors, suppliers, consultants, manufacturers, or service providers for any part of the contract, are not subject to, and not controlled by any entity or individual that is subject to, a temporary suspension or a debarment imposed by the World Bank Group or a debarment imposed by the World Bank Group in accordance with the Agreement for Mutual Enforcement of Debarment Decisions between the World Bank and other development banks. Further, we are not ineligible under the Purchaser's Country laws or official regulations or pursuant to a decision of the United Nations Security Council;

- (l) **State-owned enterprise or institution:** *[select the appropriate option and delete the other] [We are not a state-owned enterprise or institution] / [We are a state-owned enterprise or institution but meet the requirements of ITB 4.6];*
- (m) **Commissions, gratuities, fees:** We have paid, or will pay the following commissions, gratuities, or fees with respect to the Bidding 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.”)

- (n) **Binding Contract:** We understand that this Bid, together with your written acceptance thereof included in your Letter of Acceptance, shall constitute a binding contract between us, until a formal contract is prepared and executed.
- (o) **Purchaser Not Bound to Accept:** We understand that you are not bound to accept the lowest evaluated cost Bid, the Most Advantageous Bid or any other Bid 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.

**Name of the Bidder:** *\*[insert complete name of the Bidder]*

**Name of the person duly authorized to sign the Bid on behalf of the Bidder:** *\*\*[insert complete name of person duly authorized to sign the Bid]*

**Title of the person signing the Bid:** *[insert complete title of the person signing the Bid]*

**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]*

\*: In the case of the Bid submitted by a Joint Venture specify the name of the Joint Venture as Bidder.

\*\*: Person signing the Bid shall have the power of attorney given by the Bidder. The power of attorney shall be attached with the Bid Schedules.

## Bidder Information Form

*[The Bidder 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 Bid submission]*

RFB No.: *[insert number of RFB process]*

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

Page \_\_\_\_\_ of \_\_\_\_\_ pages

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Bidder's Name <i>[insert Bidder'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. Bidder's actual or intended country of registration: <i>[insert actual or intended country of registration]</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 4. Bidder's year of registration: <i>[insert Bidder's year of registration]</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 5. Bidder's Address in country of registration: <i>[insert Bidder's legal address in country of registration]</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 6. Bidder's Authorized Representative Information<br><br>Name: <i>[insert Authorized Representative's name]</i><br>Address: <i>[insert Authorized Representative's Address]</i><br>Telephone/Fax numbers: <i>[insert Authorized Representative's telephone/fax numbers]</i><br>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><br><br><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 ITB 4.4.<br><input type="checkbox"/> In case of JV, letter of intent to form JV or JV agreement, in accordance with ITB 4.1.<br><input type="checkbox"/> In case of state-owned enterprise or institution, in accordance with ITB 4.6 documents establishing: <ul style="list-style-type: none"> <li>• Legal and financial autonomy</li> <li>• Operation under commercial law</li> <li>• Establishing that the Bidder is not under the supervision of the Purchaser</li> </ul> |
| 8. Included are the organizational chart, a list of Board of Directors, and the beneficial ownership. <i>[If required under BDS ITB 45.1, the successful Bidder shall provide additional information on beneficial ownership, using the Beneficial Ownership Disclosure Form.]</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

## Bidder's JV Members Information Form

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

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

RFB No.: *[insert number of Bidding process]*

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

Page \_\_\_\_\_ of \_\_\_\_\_ pages

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Bidder's Name: <i>[insert Bidder's legal name]</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 2. Bidder's JV Member's name: <i>[insert JV's Member legal name]</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 3. Bidder's JV Member's country of registration: <i>[insert JV's Member country of registration]</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 4. Bidder's JV Member's year of registration: <i>[insert JV's Member year of registration]</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 5. Bidder's JV Member's legal address in country of registration: <i>[insert JV's Member legal address in country of registration]</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 6. Bidder's JV Member's authorized representative information<br>Name: <i>[insert name of JV's Member authorized representative]</i><br>Address: <i>[insert address of JV's Member authorized representative]</i><br>Telephone/Fax numbers: <i>[insert telephone/fax numbers of JV's Member authorized representative]</i><br>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><br><br><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 ITB 4.4.<br><br><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 Purchaser, in accordance with ITB 4.6. |
| 8. Included are the organizational chart, a list of Board of Directors, and the beneficial ownership. <i>[If required under BDS ITB 45.1, the successful Bidder shall provide additional information on beneficial ownership for each JV member using the Beneficial Ownership Disclosure Form.]</i>                                                                                                                                                                                                                                                                                                         |

## Sexual Exploitation and Abuse (SEA) and/or Sexual Harassment Performance Declaration

*[The following table shall be filled in by the Bidder, each member of a Joint Venture and each subcontractor proposed by the Bidder]*

Bidder's Name: *[insert full name]*

Date: *[insert day, month, year]*

Joint Venture Member's or Subcontractor's Name: *[insert full name]*

RFB No. and title: *[insert RFB number and title]*

Page *[insert page number]* of *[insert total number]* pages

| <b>SEA and/or SH Declaration</b><br><b>in accordance with Section III, Qualification Criteria, and Requirements</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>We:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> (a) have not been subject to disqualification by the Bank for non-compliance with SEA/ SH obligations</li> <li><input type="checkbox"/> (b) are subject to disqualification by the Bank for non-compliance with SEA/ SH obligations</li> <li><input type="checkbox"/> (c) had been subject to disqualification by the Bank for non-compliance with SEA/ SH obligations, and were removed from the disqualification list. An arbitral award on the disqualification case has been made in our favor.</li> </ul> |
| <p><b><i>[If (c) above is applicable, attach evidence of an arbitral award reversing the findings on the issues underlying the disqualification.]</i></b></p>                                                                                                                                                                                                                                                                                                                                                                                                                             |

## Price Schedule Forms

*[The Bidder shall fill in these Price Schedule Forms in accordance with the instructions indicated. The list of line items in column 1 of the **Price Schedules** shall coincide with the List of Goods and Related Services specified by the Purchaser in the Schedule of Requirements.]*

### Price Schedule: Goods Manufactured Outside the Purchaser's Country, to be Imported

| (Group C Bids, goods to be imported)<br>Currencies in accordance with ITB 15 |                              |                                                   |                                             |                                                                                              |                                                                                 |                                                       | Date: _____<br>RFB No: _____<br>Alternative No: _____<br>Page N° _____ of _____                                                                                                              |                                                  |
|------------------------------------------------------------------------------|------------------------------|---------------------------------------------------|---------------------------------------------|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| 1                                                                            | 2                            | 3                                                 | 4                                           | 5                                                                                            | 6                                                                               | 7                                                     | 8                                                                                                                                                                                            | 9                                                |
| Line Item<br>N°                                                              | Description of Goods         | Country of Origin                                 | Delivery Date as<br>defined by<br>Incoterms | Quantity<br>and physical<br>unit                                                             | Unit price<br>DDP Bara<br>Bara Plaza in<br>accordance<br>with ITB<br>14.8(b)(i) | DDP Price<br>per line item<br>(Col. 5x6)              | Price per line item for<br>inland transportation<br>and other services<br>required in the<br>Purchaser's Country<br>to convey the Goods<br>to their final<br>destination specified<br>in BDS | Total Price per<br>Line item<br>(Col. 7+8)       |
| <i>[insert number<br/>of the item]</i>                                       | <i>[insert name of good]</i> | <i>[insert country of origin of<br/>the Good]</i> | <i>[insert quoted Delivery<br/>Date]</i>    | <i>[insert number<br/>of units to be<br/>supplied and<br/>name of the<br/>physical unit]</i> | <i>[insert unit price<br/>CIP per unit]</i>                                     | <i>[insert total CIP<br/>price per line<br/>item]</i> | <i>[insert the corresponding<br/>price per line item]</i>                                                                                                                                    | <i>[insert total price of<br/>the line item]</i> |
|                                                                              |                              |                                                   |                                             |                                                                                              |                                                                                 |                                                       |                                                                                                                                                                                              |                                                  |
|                                                                              |                              |                                                   |                                             |                                                                                              |                                                                                 |                                                       |                                                                                                                                                                                              |                                                  |
|                                                                              |                              |                                                   |                                             |                                                                                              |                                                                                 |                                                       |                                                                                                                                                                                              |                                                  |
|                                                                              |                              |                                                   |                                             |                                                                                              |                                                                                 |                                                       |                                                                                                                                                                                              |                                                  |
| Total Price                                                                  |                              |                                                   |                                             |                                                                                              |                                                                                 |                                                       |                                                                                                                                                                                              |                                                  |

Name of Bidder *[insert complete name of Bidder]* Signature of Bidder *[signature of person signing the Bid]* Date *[Insert Date]*

## Price Schedule: Goods Manufactured Outside the Purchaser's Country, already imported\*

| (Group C Bids, Goods already imported)<br>Currencies in accordance with ITB 15 |                               |                                               |                                       |                                                                              |                                                                                             |                                                                                                                 |                                                                                                              |                                                                                                              |                                                                                                                                                                                                             |                                                                                                            | Date: _____<br>RFB No: _____<br>Alternative No: _____<br>Page N° _____ of _____ |
|--------------------------------------------------------------------------------|-------------------------------|-----------------------------------------------|---------------------------------------|------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| 1                                                                              | 2                             | 3                                             | 4                                     | 5                                                                            | 6                                                                                           | 7                                                                                                               | 8                                                                                                            | 9                                                                                                            | 10                                                                                                                                                                                                          | 11                                                                                                         | 12                                                                              |
| Line Item N°                                                                   | Description of Goods          | Country of Origin                             | Delivery Date as defined by Incoterms | Quantity and physical unit                                                   | Unit price including Custom Duties and Import Taxes paid, in accordance with ITB 14.8(c)(i) | Custom Duties and Import Taxes paid per unit in accordance with ITB 14.8(c)(ii), [to be supported by documents] | Unit Price net of custom duties and import taxes, in accordance with ITB 14.8 (c) (iii) (Col. 6 minus Col.7) | Price per line item net of Custom Duties and Import Taxes paid, in accordance with ITB 14.8(c)(i) (Col. 5×8) | Price per line item for inland transportation and other services required in the Purchaser's Country to convey the goods to their final destination, as specified in BDS in accordance with ITB 14.8 (c)(v) | Sales and other taxes paid or payable per item if Contract is awarded (in accordance with ITB 14.8(c)(iv)) | Total Price per line item (Col. 9+10)                                           |
| <i>[insert number of the item]</i>                                             | <i>[insert name of Goods]</i> | <i>[insert country of origin of the Good]</i> | <i>[insert quoted Delivery Date]</i>  | <i>[insert number of units to be supplied and name of the physical unit]</i> | <i>[insert unit price per unit]</i>                                                         | <i>[insert custom duties and taxes paid per unit]</i>                                                           | <i>[insert unit price net of custom duties and import taxes]</i>                                             | <i>[insert price per line item net of custom duties and import taxes]</i>                                    | <i>[insert price per line item for inland transportation and other services required in the Purchaser's Country]</i>                                                                                        | <i>[insert sales and other taxes payable per item if Contract is awarded]</i>                              | <i>[insert total price per line item]</i>                                       |
|                                                                                |                               |                                               |                                       |                                                                              |                                                                                             |                                                                                                                 |                                                                                                              |                                                                                                              |                                                                                                                                                                                                             |                                                                                                            |                                                                                 |
|                                                                                |                               |                                               |                                       |                                                                              |                                                                                             |                                                                                                                 |                                                                                                              |                                                                                                              |                                                                                                                                                                                                             |                                                                                                            |                                                                                 |
|                                                                                |                               |                                               |                                       |                                                                              |                                                                                             |                                                                                                                 |                                                                                                              |                                                                                                              |                                                                                                                                                                                                             | Total Bid Price                                                                                            |                                                                                 |

Name of Bidder *[insert complete name of Bidder]* Signature of Bidder *[signature of person signing the Bid]* Date *[insert date]*

\* *[For previously imported Goods, the quoted price shall be distinguishable from the original import value of these Goods declared to customs and shall include any rebate or mark-up of the local agent or representative and all local costs except import duties and taxes, which have been and/or have to be paid by the Purchaser. For clarity the Bidders are asked to quote the price including import duties, and additionally to provide the import duties and the price net of import duties which is the difference of those values.]*

### Price Schedule: Goods Manufactured in the Purchaser's Country

| Purchaser's Country<br>_____       |                              |                                       |                                                                              |                                |                                               | (Group A and B Bids)<br><br>Currencies in accordance with ITB 15                                                                                    |                                                                                                                                           | Date: _____<br>RFB No: _____<br>Alternative No: _____<br>Page N° _____ of _____                         |                                      |
|------------------------------------|------------------------------|---------------------------------------|------------------------------------------------------------------------------|--------------------------------|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|--------------------------------------|
| 1                                  | 2                            | 3                                     | 4                                                                            | 5                              | 6                                             | 7                                                                                                                                                   | 8                                                                                                                                         | 9                                                                                                       | 10                                   |
| Line Item N°                       | Description of Goods         | Delivery Date as defined by Incoterms | Quantity and physical unit                                                   | Unit price EXW                 | Total EXW price per line item (Col. 4x5)      | Price per line item for inland transportation and other services required in the Purchaser's Country to convey the Goods to their final destination | Cost of local labor, raw materials and components from with origin in the Purchaser's Country % of Col. 5                                 | Sales and other taxes payable per line item if Contract is awarded (in accordance with ITB 14.8(a)(ii)) | Total Price per line item (Col. 6+7) |
| <i>[insert number of the item]</i> | <i>[insert name of Good]</i> | <i>[insert quoted Delivery Date]</i>  | <i>[insert number of units to be supplied and name of the physical unit]</i> | <i>[insert EXW unit price]</i> | <i>[insert total EXW price per line item]</i> | <i>[insert the corresponding price per line item]</i>                                                                                               | <i>[Insert cost of local labor, raw material and components from within the Purchase's country as a % of the EXW price per line item]</i> | <i>[insert sales and other taxes payable per line item if Contract is awarded]</i>                      | <i>[insert total price per item]</i> |
|                                    |                              |                                       |                                                                              |                                |                                               |                                                                                                                                                     |                                                                                                                                           |                                                                                                         |                                      |
|                                    |                              |                                       |                                                                              |                                |                                               |                                                                                                                                                     |                                                                                                                                           |                                                                                                         |                                      |
|                                    |                              |                                       |                                                                              |                                |                                               |                                                                                                                                                     |                                                                                                                                           |                                                                                                         |                                      |
| Total Price                        |                              |                                       |                                                                              |                                |                                               |                                                                                                                                                     |                                                                                                                                           |                                                                                                         |                                      |

Name of Bidder *[insert complete name of Bidder]* Signature of Bidder *[signature of person signing the Bid]* Date *[insert date]*

## Price and Completion Schedule - Related Services

| Currencies in accordance with ITB 15   |                                                                                                                                                                |                                                   |                                                                         |                                                                              |                                     | Date: _____<br>RFB No: _____<br>Alternative No: _____<br>Page N° _____ of _____ |  |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|-------------------------------------------------------------------------|------------------------------------------------------------------------------|-------------------------------------|---------------------------------------------------------------------------------|--|
| 1                                      | 2                                                                                                                                                              | 3                                                 | 4                                                                       | 5                                                                            | 6                                   | 7                                                                               |  |
| Service N°                             | Description of Services (excludes inland transportation and other services required in the Purchaser's Country to convey the goods to their final destination) | Country of Origin                                 | Delivery Date at place of Final destination                             | Quantity and physical unit                                                   | Unit price                          | Total Price per Service (Col. 5*6 or estimate)                                  |  |
| <i>[insert number of the Service ]</i> | <i>[insert name of Services]</i>                                                                                                                               | <i>[insert country of origin of the Services]</i> | <i>[insert delivery date at place of final destination per Service]</i> | <i>[insert number of units to be supplied and name of the physical unit]</i> | <i>[insert unit price per item]</i> | <i>[insert total price per item]</i>                                            |  |
|                                        |                                                                                                                                                                |                                                   |                                                                         |                                                                              |                                     |                                                                                 |  |
|                                        |                                                                                                                                                                |                                                   |                                                                         |                                                                              |                                     |                                                                                 |  |
|                                        |                                                                                                                                                                |                                                   |                                                                         |                                                                              |                                     |                                                                                 |  |
|                                        |                                                                                                                                                                |                                                   |                                                                         |                                                                              |                                     |                                                                                 |  |
|                                        |                                                                                                                                                                |                                                   |                                                                         |                                                                              |                                     |                                                                                 |  |
|                                        |                                                                                                                                                                |                                                   |                                                                         |                                                                              |                                     |                                                                                 |  |
|                                        |                                                                                                                                                                |                                                   |                                                                         |                                                                              |                                     |                                                                                 |  |
|                                        |                                                                                                                                                                |                                                   |                                                                         |                                                                              | Total Bid Price                     |                                                                                 |  |

Name of Bidder *[insert complete name of Bidder]* Signature of Bidder *[signature of person signing the Bid]* Date *[insert date]*

## Form of Bid Security

### (Bank Guarantee)

*[The bank shall fill in this Bank Guarantee Form in accordance with the instructions indicated.]*

*[Guarantor letterhead or SWIFT identifier code]*

**Beneficiary:** *[Purchaser to insert its name and address]*

**RFB No.:** *[Purchaser to insert reference number for the Request for Bids]*

**Alternative No.:** *[Insert identification No if this is a Bid for an alternative]*

**Date:** *[Insert date of issue]*

**BID GUARANTEE No.:** *[Insert guarantee reference number]*

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

We have been informed that \_\_\_\_\_ *[insert name of the Bidder, which in the case of a joint venture shall be the name of the joint venture (whether legally constituted or prospective) or the names of all members thereof]* (hereinafter called "the Applicant") has submitted or will submit to the Beneficiary its Bid (hereinafter called "the Bid") for the execution of \_\_\_\_\_ under Request for Bids No. \_\_\_\_\_ ("the RFB").

Furthermore, we understand that, according to the Beneficiary's conditions, Bids must be supported by a Bid guarantee.

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 Bid prior to the Bid validity expiry date set forth in the Applicant's Letter of Bid, or any extended date provided by the Applicant; or

- (b) having been notified of the acceptance of its Bid by the Beneficiary prior to the expiry date of the Bid validity or any extension thereof provided by the Applicant has failed to: (i) sign the contract agreement, or (ii) furnish the performance security, in accordance with the Instructions to Bidders (“ITB”) of the Beneficiary’s bidding document.

This guarantee will expire: (a) if the Applicant is the successful Bidder, upon our receipt of copies of the Contract agreement signed by the Applicant and the performance security issued to the Beneficiary in relation to such Contract agreement; or (b) if the Applicant is not the successful Bidder, upon the earlier of (i) our receipt of a copy of the Beneficiary’s notification to the Applicant of the results of the Bidding process; or (ii) twenty-eight days after the expiry date of the Bid validity.

Consequently, any demand for payment under this guarantee must be received by us at the office indicated above on or before that date.

This guarantee is subject to the Uniform Rules for Demand Guarantees (URDG) 2010 Revision, ICC Publication No. 758.

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*[Signature(s)]*

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

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## Form of Bid Security (Bid Bond)

*[The Surety shall fill in this Bid Bond Form in accordance with the instructions indicated.]*

BOND NO. \_\_\_\_\_

BY THIS BOND *[name of Bidder]* as Principal (hereinafter called “the Principal”), and *[name, legal title, and address of surety]*, **authorized to transact business in** *[name of country of Purchaser]*, as Surety (hereinafter called “the Surety”), are held and firmly bound unto *[name of Purchaser]* as Obligee (hereinafter called “the Purchaser”) in the sum of *[amount of Bond]*<sup>1</sup> *[amount in words]*, for the payment of which sum, well and truly to be made, we, the said Principal and Surety, bind ourselves, our successors and assigns, jointly and severally, firmly by these presents.

WHEREAS the Principal has submitted or will submit a written Bid to the Purchaser dated the \_\_\_\_ day of \_\_\_\_\_, 20\_\_, for the supply of *[name of Contract]* (hereinafter called the “Bid”).

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION is such that if the Principal:

- (a) withdraws its Bid prior to the Bid validity expiry date set forth in the Principal’s Letter of Bid, or any extended date provided by the Principal; or
- (b) having been notified of the acceptance of its Bid by the Purchaser prior to the expiry date of the Bid validity or any extension thereto provided by the Applicant has failed to: (i) execute the Contract agreement; or (ii) furnish the Performance Security, in accordance with the Instructions to Bidders (“ITB”) of the Purchaser’s bidding document.

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

The Surety hereby agrees that its obligation will remain in full force and effect up to and including the date 28 days after the date of expiry of the Bid validity set forth in the Principal’s Letter of Bid or any extension thereto provided by the Principal.

IN TESTIMONY WHEREOF, the Principal and the Surety have caused these presents to be executed in their respective names this \_\_\_\_ day of \_\_\_\_\_ 20\_\_.

Principal: \_\_\_\_\_ Surety: \_\_\_\_\_  
Corporate Seal (where appropriate)

<sup>1</sup> The amount of the Bond shall be denominated in the currency of the Purchaser’s Country or the equivalent amount in a freely convertible currency.

---

*(Signature)*

*(Printed name and title)*

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*(Signature)*

*(Printed name and title)*

## Manufacturer's Authorization

*[The Bidder shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be on the letterhead of the Manufacturer and should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer. The Bidder shall include it in its Bid, if so indicated in the **BDS**.]*

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

RFB No.: *[insert number of RFB process]*

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

To: *[insert complete name of Purchaser]*

### WHEREAS

We *[insert complete name of Manufacturer]*, who are official manufacturers of *[insert type of goods manufactured]*, having factories at *[insert full address of Manufacturer's factories]*, do hereby authorize *[insert complete name of Bidder]* to submit a Bid the purpose of which is to provide the following Goods, manufactured by us *[insert name and or brief description of the Goods]*, and to subsequently negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with Clause 28 of the General Conditions of Contract, with respect to the Goods offered by the above firm.

We confirm that we do not engage or employ forced labor or persons subject to trafficking or child labor, in accordance with Clause 14 of the General Conditions of Contract.

Signed: *[insert signature(s) of authorized representative(s) of the Manufacturer]*

Name: *[insert complete name(s) of authorized representative(s) of the Manufacturer]*

Title: *[insert title]*

Dated on \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ *[insert date of signing]*

## Section V - Eligible Countries

### **Eligibility for the Provision of Goods, Works and Non Consulting Services in Bank-Financed Procurement**

In reference to ITB 4.8 and ITB 5.1, for the information of the Bidders, at the present time firms, goods and services from the following countries are excluded from this Bidding process:

Under ITB 4.8(a) and ITB 5.1: *[insert a list of the countries following approval by the Bank to apply the restriction or state “none”]*.

Under ITB 4.8(b) and ITB 5.1: *[insert a list of the countries following approval by the Bank to apply the restriction or state “none”]*



# Section VI - Fraud and Corruption

**(Section VI shall not be modified)**

## **1. Purpose**

1.1 The Bank's Anti-Corruption Guidelines and this annex apply with respect to procurement under Bank Investment Project Financing operations.

## **2. Requirements**

2.1 The Bank requires that Borrowers (including beneficiaries of Bank financing); bidders (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, observe the highest standard of ethics during the procurement process, selection and contract execution of Bank-financed contracts, and refrain from Fraud and Corruption.

2.2 To this end, the Bank:

- a. Defines, for the purposes of this provision, 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:
    - (a) deliberately destroying, falsifying, altering, or concealing of evidence material to the investigation or making false statements to investigators in order to materially impede a Bank investigation 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

- (b) acts intended to materially impede the exercise of the Bank's inspection and audit rights provided for under paragraph 2.2 e. below.
- b. Rejects a proposal for award if the Bank 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;
- c. In addition to the legal remedies set out in the relevant Legal Agreement, may take other appropriate actions, including declaring misprocurement, if the Bank determines at any time that representatives of the Borrower or of a recipient of any part of the proceeds of the loan engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices during the procurement process, selection and/or execution of the contract in question, without the Borrower having taken timely and appropriate action satisfactory to the Bank to address such practices when they occur, including by failing to inform the Bank in a timely manner at the time they knew of the practices;
- d. Pursuant to the Bank's Anti- Corruption Guidelines, and in accordance with the Bank's prevailing sanctions policies and procedures, may sanction a firm or individual, either indefinitely or for a stated period of time, including by publicly declaring such firm or individual ineligible (i) to be awarded or otherwise benefit from a Bank-financed contract, financially or in any other manner;<sup>1</sup> (ii) to be a nominated<sup>2</sup> sub-contractor, consultant, manufacturer or supplier, or service provider of an otherwise eligible firm being awarded a Bank-financed contract; and (iii) to receive the proceeds of any loan made by the Bank or otherwise to participate further in the preparation or implementation of any Bank-financed project;
- e. Requires that a clause be included in bidding/request for proposals documents and in contracts financed by a Bank loan, requiring (i) bidders (applicants/proposers), consultants, contractors, and suppliers, and their sub-contractors, sub-consultants, service providers, suppliers, agents personnel, permit the Bank to inspect<sup>3</sup> all accounts, records and other documents relating

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<sup>1</sup> For the avoidance of doubt, a sanctioned party's ineligibility to be awarded a contract shall include, without limitation, (i) applying for pre-qualification, expressing interest in a consultancy, and bidding, 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.

<sup>2</sup> A nominated sub-contractor, nominated consultant, nominated manufacturer or supplier, or nominated service provider (different names are used depending on the particular bidding document) is one which has been: (i) included by the bidder in its pre-qualification application or bid because it brings specific and critical experience and know-how that allow the bidder to meet the qualification requirements for the particular bid; or (ii) appointed by the Borrower.

<sup>3</sup> Inspections in this context usually are investigative (i.e., forensic) in nature. They involve fact-finding activities undertaken by the Bank or persons appointed by the Bank 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

to the procurement process, selection and/or contract execution, and to have them audited by auditors appointed by the Bank.

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relevant; interviewing staff and other relevant individuals; performing physical inspections and site visits; and obtaining third party verification of information.



## **PART 2 – Supply Requirements**

# Section VII - Schedule of Requirements

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## Upgrade of Data Center and Disaster Recovery Site

[illegible]

|    |                                                                                      |     |        |                                  |         |          |  |
|----|--------------------------------------------------------------------------------------|-----|--------|----------------------------------|---------|----------|--|
| 5  | BACKUP, REPLICATION AND OCHESTRATION SOLUTION                                        | 1   | Number | KURA HQ, Barabara Plaza, Block D | 60 DAYS | 120 DAYS |  |
| 6  | VMware Standard for 102 Cores and VMware Essential Plus Kit both with 3 Year Support | 2   | Number | KURA HQ, Barabara Plaza, Block D | 60 DAYS | 120 DAYS |  |
| 7  | CORE NETWORK SWITCHES                                                                | 2   | Number | KURA HQ, Barabara Plaza, Block D | 60 DAYS | 120 DAYS |  |
| 8  | NEXT GENERATION FIREWALL SOLUTION                                                    | 1   | Number | KURA HQ, Barabara Plaza, Block D | 60 DAYS | 120 DAYS |  |
| 9  | Supply, delivery LC-LC 5m OM4 Fiber Cables                                           | 30  | Number | KURA HQ, Barabara Plaza, Block D | 60 DAYS | 120 DAYS |  |
| 10 | Supply, delivery Ethernet cables Cat 6– 5M                                           | 32  | Number | KURA HQ, Barabara Plaza, Block D | 60 DAYS | 120 DAYS |  |
| 11 | Supply, delivery and modification of server room entrance modification.              | LOT | LOT    | KURA HQ, Barabara Plaza, Block D | 60 DAYS | 120 DAYS |  |

## List of Goods and Delivery Schedule

### LOT 2: Upgrade Connectivity and ICT Infrastructure to the Disaster Recovery Site

| Line Item N° | Description of Goods                                                                     | Quantity | Physical unit | Final Destination (Project Site) as specified in BDS | Delivery (as per Incoterms) Date |                      |                                                                             |
|--------------|------------------------------------------------------------------------------------------|----------|---------------|------------------------------------------------------|----------------------------------|----------------------|-----------------------------------------------------------------------------|
|              |                                                                                          |          |               |                                                      | Earliest Delivery Date           | Latest Delivery Date | Bidder's offered Delivery date [KURA Headquarters, Barabara plaza, Block D] |
| 1            | Wide Area Network SDWAN Devices                                                          | 2        | Number        | KURA HQ, Barabara Plaza, Block D                     | 60 DAYS                          | 120 DAYS             |                                                                             |
| 2.           | Supply, deliver and configure Independent Internet Links<br>DC =120 MBPS<br>DR= 100 MBPS | 2        | Number        | KURA HQ, Barabara Plaza, Block D                     | 60 DAYS                          | 120 DAYS             |                                                                             |

**List of Goods and Delivery Schedule - LOT 3**  
**Improvement of ICT Equipment (Computers and Accessories)**

| Line Item N° | Description of Goods               | Quantity | Physical unit | Final (Project Site) Destination as specified in BDS | Delivery (as per Incoterms) Date |                      |                                                                             |
|--------------|------------------------------------|----------|---------------|------------------------------------------------------|----------------------------------|----------------------|-----------------------------------------------------------------------------|
|              |                                    |          |               |                                                      | Earliest Delivery Date           | Latest Delivery Date | Bidder's offered Delivery date [KURA Headquarters, Barabara plaza, Block D] |
| 1            | LAPTOP COMPUTER-SCREEN SIZE 13.3’’ | 10       | Number        | KURA HQ, Barabara Plaza, Block D                     | 30 DAYS                          | 120 DAYS             |                                                                             |
| 2.           | LAPTOP COMPUTER-SCREEN SIZE 14’’   | 40       | Number        | KURA HQ, Barabara Plaza, Block D                     | 30 DAYS                          | 120 DAYS             |                                                                             |
| 3.           | DESKTOP PRINTERS                   | 3        | Number        | KURA HQ, Barabara Plaza, Block D Barabara            | 30 DAYS                          | 120 DAYS             |                                                                             |
| 4.           | Photocopiers                       | 6        | Number        | KURA HQ, Barabara Plaza, Block D                     | 30 DAYS                          | 120 DAYS             |                                                                             |
| 5            | SMARTBOARDS 86- inch screen        | 1        | Number        | KURA HQ, Barabara Plaza, Block D                     | 30 DAYS                          | 120 DAYS             |                                                                             |
| 6.           | SMARTBOARDS 65 inch’ screen        | 1        | Number        | KURA HQ, Barabara Plaza, Block D                     | 30 DAYS                          | 120 DAYS             |                                                                             |

|    |                                  |   |        |                                        |            |             |  |
|----|----------------------------------|---|--------|----------------------------------------|------------|-------------|--|
| 7. | UNINTERRUPTED POWER SUPPLY (UPS) | 1 | Number | KURA HQ,<br>Barabara Plaza,<br>Block D | 30<br>DAYS | 120<br>DAYS |  |
|----|----------------------------------|---|--------|----------------------------------------|------------|-------------|--|

### List of Goods and Delivery Schedule - LOT 4

#### Upgrading and Standardization-of Operating Systems and Licenses

| Line Item N° | Description of Goods                                                                            | Quantity | Physical unit | Final (Project Site) Destination as specified in BDS | Delivery (as per Incoterms) Date |                      |                                                                             |
|--------------|-------------------------------------------------------------------------------------------------|----------|---------------|------------------------------------------------------|----------------------------------|----------------------|-----------------------------------------------------------------------------|
|              |                                                                                                 |          |               |                                                      | Earliest Delivery Date           | Latest Delivery Date | Bidder's offered Delivery date [KURA Headquarters, Barabara plaza, Block D] |
| 1            | Server operating system equivalent to Windows Server 2022 Datacenter – Packs of 2 Core Licenses | 64       | Number        | KURA HQ, Barabara Plaza, Block D                     | 30<br>DAYS                       | 120<br>DAYS          |                                                                             |
| 2            | Server operating system CALS                                                                    | 5        | Number        | KURA HQ, Barabara Plaza, Block D                     | 30<br>DAYS                       | 120<br>DAYS          |                                                                             |
| 3            | Windows 11 Pro (64-Bit Operating system)                                                        | 150      | Number        | KURA HQ, Barabara Plaza, Block D                     | 30<br>DAYS                       | 120<br>DAYS          |                                                                             |

|   |                                                                                                                                               |     |        |                                  |         |          |  |
|---|-----------------------------------------------------------------------------------------------------------------------------------------------|-----|--------|----------------------------------|---------|----------|--|
| 4 | Supply, Install and Configure one Hundred (100) Dynamics 365 Business Central Essentials (Named user licenses)                                | 100 | Number | KURA HQ, Barabara Plaza, Block D | 30 DAYS | 120 DAYS |  |
| 5 | Business Readiness Enhanced Plan (BREP) payable annually for One (1) year based on License Anniversary for the One Hundred (100) New Licenses | 100 | Number | KURA HQ, Barabara Plaza, Block D | 30 DAYS | 120 DAYS |  |

**Remarks for the lots:**

- I. Supply and configuration: to be done at KURA HQ Offices.

## 2 List of Related Services and a Completion Schedule –

### List of Related Services and a Completion Schedule for Lot 1- Upgrade of Data Center and Disaster Recovery Site

| Service | Description of Service                                                                                                                                                                                                                                                                | Quantity <sup>1</sup> | Physical Unit | Final Destination (Project Site) as specified in BDS | Final Completion Date(s) of Services |  |  |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------|------------------------------------------------------|--------------------------------------|--|--|
| 1       | Installation and configuration of a Data Center/Disaster Recovery solution for KURA using the existing hardware & Software Systems (Virtualization software, Veeam, FortiGate, HPe, Brocade NetApp and EMC SAN storage systems, routers and Switches) and the newly procured hardware | LOT                   | Service       | KURA Headquarters, Barabara Plaza, Block D           | 120 Days                             |  |  |

|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |          |  |  |
|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|----------|--|--|
| 2 | <p>The installation of all supplied systems and integrating these to work with existing server systems as required.</p> <p>Security hardening and adherence to best practice.</p> <p>Knowledge transfer to four ICT staff on the proposed storage solution.</p> <p>Certification training for two storage admin at the manufacturers authorized training facility- Ontap Cluster data administration &amp; Data protection. Training required.</p> <p>Note that bidders will be required to oversee the migration of application workloads to the new virtual &amp; SAN storage using industry best practices, configure application integrated onsite and offsite backups, resize, cloning and restores for all critical applications and act as the 1st &amp; 2nd level support for all server-storage related issues before they are escalated to OEM support desks. Bidders to provide a sketch of the proposed DC-DR solution</p> <p>Attach proposal on how bidder will carry out the requirements outlined above</p> |  |  |  | 120 Days |  |  |
|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|----------|--|--|

|   |                                                                                                                                                                                       |       |           |                                            |          |  |  |
|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----------|--------------------------------------------|----------|--|--|
| 3 | Data migration services of existing server systems to proposed DC – DR sites solution systems.                                                                                        | LOT   | Service   | KURA Headquarters, Barabara Plaza, Block D | 120 Days |  |  |
| 4 | DR readiness testing and documentation                                                                                                                                                | LOT   | Service   | KURA Headquarters, Barabara Plaza, Block D | 120 Days |  |  |
| 5 | Annual support and maintenance of existing and proposed hardware and software systems comprising the DC-DR solution                                                                   | . LOT | Service   | KURA Headquarters, Barabara Plaza, Block D | 120 Days |  |  |
| 6 | Operational Training 4 ICT officers on Veeam, Virtualization software and Shared storage solution administration training.                                                            | 4     | Delegates | TRAINING Venue                             | 120 Days |  |  |
| 7 | Certification training and exam fee at the OeM's training facility for 2 ICT officers on Veeam, and Virtualization Solution software Shared storage solution administration training. | 2     | Delegates | CERTIFIED TRAINING CENTER                  | 120 Days |  |  |

1. If applicable

**List of Related Services and a Completion Schedule**  
**LOT 2: Upgrade Connectivity and ICT Infrastructure to the Disaster Recovery Site**

| Service | Description of Service                                                                                                               | Quantity <sup>1</sup> | Physical Unit | Place where Services shall be performed    | Final Completion Date(s) of Services |
|---------|--------------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------|--------------------------------------------|--------------------------------------|
| 1       | Supply, installation, configuration, integration with the existing network infrastructure; and commissioning of the SD-WAN solution. | Lot                   | Service       | KURA Headquarters, Barabara Plaza, Block D | 90 Days                              |

|   |                                                                                                                       |     |         |                                            |         |
|---|-----------------------------------------------------------------------------------------------------------------------|-----|---------|--------------------------------------------|---------|
| 2 | Seamlessly integrate the proposed SDWAN solution with the existing KURA HQ Data Center with the DR site.              | Lot | Service | KURA Headquarters, Barabara Plaza, Block D | 90 Days |
| 3 | Commission independent internet connection in both DC and DR sites                                                    | Lot | Service | KURA Headquarters, Barabara Plaza, Block D | 90 Days |
| 4 | Provide prioritization and QoS controls for various types of traffic such as NetApp snap mirror, VDI, and ERP traffic | Lot | Service | KURA Headquarters, Barabara Plaza, Block D | 90 Days |
| 5 | Training of 16 ICT officers & system Documentation                                                                    | 16  | Service | KURA Headquarters, Barabara Plaza, Block D | 90 Days |

1. If applicable

### 3. Technical Specifications for;

#### **LOT 1 : PROPOSAL FOR DC-DR SOLUTION UPFGRADE FOR CORE SYSTEMS**

Kenya Urban Roads Authority would like to request proposals for the implementation of a Data Center –Disaster Recovery site upgrade for the Authority. The required solution will include the deployment of new hardware and software systems for the virtual environments. Key considerations in your proposal should include provision of high availability, business continuity planning, Data backup, replication and disaster recovery preparedness, digital transformation agility, visibility and analytics capabilities needed to ensure a stable host environment.

The solution is expected to enable KURA to meet its recovery time and point objectives (RTPOs) and save time, mitigate data risks including ransomware and dramatically reduce capital and operational costs, while supporting the current and future organization's goals.

Kindly take note:

1. **Bidders not to Copy and Paste specifications in the response**
2. **Bidders to indicate items/specifications they are offering**
3. **Do not use Yes /NO /Complied**

---

**Item 1. TECHNICAL SPECIFICATIONS FOR SERVER COMPUTERS – Quantity 4**  
**NB:**

| SNO | SPECIFICATION                   | DETAILS                                                                                           | Bidders Response |
|-----|---------------------------------|---------------------------------------------------------------------------------------------------|------------------|
| 1.  | <b>Make</b>                     | <b>Bidder to Specify</b>                                                                          |                  |
| 2.  | <b>Model Name and number</b>    | <b>Bidder to Specify</b>                                                                          |                  |
| 3.  | Processor                       | Two (2) Intel Xeon Gold 6544Y Processor 16-Core 3.6 GHz 45MB Cache (205W                          |                  |
| 4.  | Processor clock speed           | 3.6 GHz and above processor speed                                                                 |                  |
| 5.  | Internal drives                 | At least two 240GB SSD 3D TLC 2.5" 7.0mm SFF drives. Server must support NVMe/SATA/SAS Drive Bays |                  |
| 6.  | Memory                          | Minimum required 512GB of high-performance memory per server using 64GB DDR5 5600 RDIMMS.         |                  |
| 7.  | Memory DIMMs                    | Minimum 16 DIMM Slots                                                                             |                  |
| 8.  | 1G Network card                 | 4 port NICs x 1GB Ethernet                                                                        |                  |
| 9.  | network card-                   | 10G Fiber network card- 4x10G ports with SFPs populated.                                          |                  |
| 10  | Fiber SFP transceivers          | 4 * 10G fibre SFPs populated on each server compatible with LC-LC fibre Cables                    |                  |
| 11  | Power supply                    | At least 2* 1600Watts Titanium power supplies for redundancy                                      |                  |
| 12  | Fans                            | Hot plug fans with full N+1 redundancy                                                            |                  |
| 13  | Data Centre Management Package  | Per node license Embedded server & remote management software - ILO advanced or equivalent.       |                  |
| 14  | FC Host Bus Adapters            | Dual port 32Gb LC SFP+ Fibre Channel Host Bus Adapter on each server                              |                  |
| 15  | Warranty.                       | Three (3) years OEM Hardware and software warranty and parts replacement                          |                  |
| 16  | Server Management software      | DataCenter Management suite per node license                                                      |                  |
| 17  | Training and Knowledge Transfer | Provide Post Implementation Training to four (4) ICT Technical Staff. (attach training Schedule,  |                  |

| SNO | SPECIFICATION                       | DETAILS                                                                           | Bidders Response |
|-----|-------------------------------------|-----------------------------------------------------------------------------------|------------------|
|     |                                     | Methodology and Approach)                                                         |                  |
| 18  | Manufacturer's Authorization Letter | Must provide the Manufacturer's Authorization Letter on Manufacturers letter head |                  |

### Item 2. TECHNICAL SPECIFICATIONS FOR SAN NETWORK SWITCHES — Quantity 3

| SNO | SPECIFICATION                   | DETAILS                                                                                                                     | Bidders' response |
|-----|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-------------------|
| 1   | <b>Make</b>                     | <b>Bidder to Specify</b>                                                                                                    |                   |
| 2   | <b>Model Name and number</b>    | <b>Bidder to Specify</b>                                                                                                    |                   |
| 3   | FC SAN switch                   | Brocade FC SAN 24 port SAN switches, 32Gbs fiber channel speed each populated with 8 Ports active                           |                   |
| 4   | Training and Knowledge Transfer | Provide Post Implementation Training for four (4) ICT Technical Staff. (Attach training Schedule, Methodology and Approach) |                   |
|     |                                 |                                                                                                                             |                   |

### Item 3 TECHNICAL SPECIFICATIONS FOR CAPACITY UPGRADE FOR EXISTING NETAPP FAS2750 HA SHARED STORAGE SOLUTION

| SN<br>O | SPECIFICATION                                               | DETAILS                                                                                                                                                                                                                                                                                                   | Bidders response |
|---------|-------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| 1       | Storage upgrade for existing NetApp FAS2750 storage system. | <p>REQUIRED</p> <ul style="list-style-type: none"> <li>•One DS224 expansion shelf with quantity 12 of capacity 1.8TB 10K SAS disks with Support Edge Contract Addon co-termed to 31st May 2027</li> <li>•Support renewal for existing FAS2750 storage to a contract end date of 31st May 2027.</li> </ul> |                  |

**Item 4: TECHNICAL SPECIFICATIONS FOR SHARED STORAGE SOLUTION – QTY 1**

| SNO | SPECIFICATION                                       | DETAILS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Bidders response |
|-----|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| 1   | <b>Make</b>                                         | <b>Bidder to Specify and MUST be compatible with existing storage system</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                  |
| 2   | <b>Model Name and number</b>                        | <b>Bidder to Specify</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |
| 3   | Unified storage systems with the following capacity | <p>The organization requires.</p> <ol style="list-style-type: none"> <li>1. Usable 65TB capacity using a RAID setup with double disk drive failures protection.</li> <li>2. Each storage aggregate must keep a hot spare disk to protect from downtime due to drive failures.</li> <li>3. Hot spare drives must not contribute to usable space calculations.</li> </ol> <p>Additionally, the proposed storage must have the below:</p> <ol style="list-style-type: none"> <li>4. 122TB Raw Capacity, 65TB Usable.</li> <li>5. All drives on the storage systems must be NVMe SSD Flash media.</li> <li>6. Minimum 24 Cores</li> <li>7. At least 128GB Memory</li> <li>8. Onboard ports: <ul style="list-style-type: none"> <li>• 2x 25Gb Ethernet: HA and cluster interconnects</li> <li>• 2x 10GBASE-T: Host connectivity</li> <li>• 2x Mezzanine slots for I/O expansion</li> </ul> </li> <li>9. 8x 32Gbs FC Connectivity (Mandatory)</li> <li>10. 10G SFP+ fiber ports for host connectivity</li> <li>11. Ontap One Software required – Includes Encryption bundle, Hybrid cloud bundle, Data protection Bundle and Security and compliance bundle software features.</li> <li>12. 3yrs Hw &amp; SW NBD Warranty</li> </ol> |                  |
| 4   | OS Support                                          | The storage array should support industry-leading Operating System platforms & clustering including: Windows Server 2008, Windows Server 2012, Windows Server 2016, Windows Server 2019, Windows Server 2022 , Sun Solaris, HP-UX, OpenVMS and IBM- AIX etc.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                  |
| 5   | Storage Controllers.                                | Offer support for active-active controllers which shall be true active-active in a single system                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                  |

| SNO | SPECIFICATION                | DETAILS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Bidders response |
|-----|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| 6   | Redundancy -                 | Offered Storage Array shall be configured in a No SPOF configuration including Array Controller cards, Cache memory, FAN, Power supply, backend paths to disks etc.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                  |
| 7   | Array Cache -                | The storage array should have a minimum of 128GB physical memory in a single system.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                  |
| 8   | Ports                        | Offered Storage shall have minimum of 8 Fiber channel host ports running at 8 X 32 Gbps ports. This should be distributed as a dual CNA board port pair on each controller as the organization will expect to be able to connect the storage to the virtual environment via a 32Gbs FC SAN switch network with multipath I/O streams                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                  |
| 9   | FC Connectivity              | FC connectivity is required on both sites. Bidders will be required to supply:<br>20 Multimode 5M LC/LC fiber cables for connecting to the server environment in both sites.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                  |
| 10  | Storage CPU cores required - | 24 CPU cores required.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                  |
| 11  | <b>Ontap Policy</b>          | <p><b>The storage must provide data protection by</b> catching &amp; blocking known malicious file types.</p> <p>For zero day attacks the storage must provide <b>Autonomous Ransomware Protection</b> to automatically detect and respond to file system anomalies that may signal a ransomware attack. Detect and respond to abnormal filesystem activity, file entropy and other such malware-like behavior driven by zero-day attacks.</p> <p><b>Must support Multi-Factor Authentication and External Identity Providers</b> - With Zero Trust, you want to verify a user's identity with high confidence, so you must have a secure means of authenticating a user. KURA plans to implement Multi-Factor Authentication (MFA) as a secure standard for enterprise authentication and protection against stolen credentials.</p> |                  |
| 12  | Data protection              | Must provide features for <b>Indelible snapshots</b> -Air-gapped separation of Snapshot copies for enhanced ransomware protection and quick recovery from an attack.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                  |

| SNO | SPECIFICATION                                                                                      | DETAILS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Bidders response |
|-----|----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
|     |                                                                                                    | <p><b>Data Immutability</b> - Write once read many (WORM) file-level locking, preventing changes and deletion of the files.</p> <p><b>Multi-Admin Verification</b> -Required to block rogue admins and malicious users via multiple approvals for critical admin tasks, such as “<i>volume snapshot delete</i>” or “<i>volume delete</i>”. A single cluster administrator, or a ransomware attacker with a compromised administrator account, must not be able to execute critical commands without approvals from one or more additional administrators.</p>                                                                                                                                       |                  |
| 13  | Disks Support and capabilities -                                                                   | The storage array should support NVMe QLC SSDs.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                  |
| 14  | Storage software                                                                                   | - Storage software provided should include snapshots, cloning, snap restore, and onsite backup ability (on the storage itself).<br>Additionally, the storage must include storage level replication software for replicating data from PR site all flash FAS storage to DR site Hybrid FAS Storage box.                                                                                                                                                                                                                                                                                                                                                                                             |                  |
|     | <ul style="list-style-type: none"> <li>• Snapshots</li> </ul>                                      | – Ability to schedule the making of incremental data-in-place, point-in-time copies of a LUN or a volume with minimal performance impact                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                  |
|     | <ul style="list-style-type: none"> <li>• Aggregate &amp; Volume Encryption</li> </ul>              | Data-at-rest encryption that is built into the storage system                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |
|     | <ul style="list-style-type: none"> <li>• Snapshot restore feature</li> </ul>                       | Ability to rapidly restore single files, directories, or entire LUNs and volumes from any Snapshot copy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                  |
|     | <ul style="list-style-type: none"> <li>• Storage to storage data replication software –</li> </ul> | <ol style="list-style-type: none"> <li>1. Must provide integrated remote backup/recovery and disaster recovery with incremental asynchronous data replication, preserving storage efficiency savings during and after data transfer to DR site.</li> <li>2. Must provide visibility of performance capacity that is available for deploying new workloads on storage nodes to enable more effective provisioning of new workloads to the optimal node</li> <li>3. Must support easy setup of QoS policies and automatically allocate storage resources to respond to workload changes (number of terabytes of data, priority of the workload, and so on) to maintain consistent workload</li> </ol> |                  |

| SNO | SPECIFICATION                                                 | DETAILS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Bidders response |
|-----|---------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
|     |                                                               | <p>performance within prescribed minimum and maximum IOPS boundaries.</p> <p>4. Must have ability to create flexible file, Lun &amp; volume clones- Instantaneously create file, LUN, and volume clones without requiring additional storage for Test/Dev activities.</p> <p>5. Dedupe – Must perform general-purpose deduplication for removal of redundant data to reduce the amount of storage that KURA needs.</p> <p>6. Data compression - Must provide transparent inline and postprocess data compression for data reduction</p> <p>7. Data compaction- Must have ability to pack more data into each storage block for greater data reduction and space efficiency savings.</p> |                  |
|     | <b>Multi-Tenant Key Manager</b>                               | <p>Must provide a <b>Multi-Tenant Key Manager</b> to enable the ability to have multiple keys for different tenants on the system &amp; reduce the size of the data threat scope by separating different workloads into SVMs.</p> <p>Must be able to segment the storage &amp; network with SVMs and IPspaces to reduce the size of the attack-surface</p> <p>Must also support <b>SVM Audit Logging</b> to log the activity of an SVM individually.</p>                                                                                                                                                                                                                                |                  |
| 15  | Virtualization Solution software                              | Must provide VM & application-aware backup and clone management features; automating error-free data restores using host-based data management of storage for databases and business applications                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |
| 16  | <b>Export Policies and SMB ACLs as a Zero-Trust strategy,</b> | <p>Must be configured to restrict storage access with Export Policies and SMB ACLs as a Zero-Trust strategy,</p> <p>Storage administrator must have the ability to specify exactly who can access a volume, and from where.</p> <p>Must also allow admin to specify a specific host, IP or IP range that can access a volume.</p> <p>Must also provide user-level access control by integrating with Active Directory.</p>                                                                                                                                                                                                                                                              |                  |
| 17  | Hot Spares -                                                  | The proposed storage must support global hot spares such that the hot spare can participate in any raid group/pool                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                  |

| SNO | SPECIFICATION                                | DETAILS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Bidders response |
|-----|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| 18  | Management Software -                        | Storage subsystem shall be supplied and installed with native virtual environment integration -capable of being managed from the virtual environment server manager dashboard so that common storage tasks such as adding space, resizing volumes, deleting volumes, creating volumes etc. can be done right from the vCenter.                                                                                                                                                                        |                  |
| 19  | Information Protection -                     | In case of power failure, storage subsystem shall have de-staged mode so that un-committed information can be protected from data loss.                                                                                                                                                                                                                                                                                                                                                               |                  |
| 20  | Thin Capabilities                            | Offered storage array shall be supplied with Thin provisioning and shall support Thin Re-claim (Zero Page reclaim)                                                                                                                                                                                                                                                                                                                                                                                    |                  |
| 21  | Virtualization Solution software integration | Offered storage array shall be tightly integrated with the organization's virtual environment as proposed.                                                                                                                                                                                                                                                                                                                                                                                            |                  |
| 22  | Snapshots Efficient -                        | The storage array should support space efficient snapshots. Explain.<br>Offered Storage shall have support to make the snapshot and full copy (Clone) on the thin volumes if original volume is created on thick or vice-versa                                                                                                                                                                                                                                                                        |                  |
| 23  | Online Migration                             | Offered storage shall support dynamic migration of Volumes from on Raid group or pool to another while keeping the application online.                                                                                                                                                                                                                                                                                                                                                                |                  |
| 24  | Data Tiering                                 | - For effective data tiering, Storage operating system shall support automatically Policy based Sub-LUN Data Migration from one Set of drive Tier to another set of drive tier to ensure applications that require more IOPS are easily promoted to faster Flash drives with absolutely no data migration taking place.<br>The storage solution must be listed with all the three major hyper scalers i.e., Azure, AWS & GCP with ability to setup direct replications to their cloud and vice versa. |                  |
| 25  | Cloud-connected unified storage platform     | -Easily move your data between your on-premises storage system and cloud environments using storage-level replication software.                                                                                                                                                                                                                                                                                                                                                                       |                  |
| 26  | Maximum effective capacity                   | Maximum effective capacity: 1.47 Petabytes                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                  |
| 27  | Cold Data                                    | The solution must support Tiering the cold Data or Snapshot data to another Storage System over S3 or to the Cloud S3 Object storage                                                                                                                                                                                                                                                                                                                                                                  |                  |

| SNO | SPECIFICATION                          | DETAILS                                                                                                                                                                                                                                                                                                                                                                                             | Bidders response |
|-----|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| 28  | Disk to disk and disk to cloud backups | The solution must support backing up natively via snapshots based on Policy/retention and store those snapshots to Disk and also to Object Storage on-premises or in the cloud.                                                                                                                                                                                                                     |                  |
| 29  | Nondisruptive opps.                    | <p>- Upgrade of capacity should be able to be done on-line with the filesystem fully operational (adding more disks and shelves)</p> <p>The solution must support online firmware updates to controllers, disk modules, and ALL associated elements without unmounting/idling the filesystem<br/>Online drive updates must be performed while the filesystem is up and operational</p>              |                  |
| 30  | Active/Active replication              | The solution must support Active/Active replication with automated Failover for SAN workloads with consistency groups                                                                                                                                                                                                                                                                               |                  |
| 31  | Silent Data Corruption (SDC).          | The storage must provide data protection capability to protect against Silent Data Corruption (SDC).                                                                                                                                                                                                                                                                                                |                  |
| 32  | Adaptive QoS -                         | The system must provide QoS to support all protocols in the system allowing prioritization for different workloads.                                                                                                                                                                                                                                                                                 |                  |
| 33  | block, file & object                   | Must support block, file & object protocols on one unified storage system.                                                                                                                                                                                                                                                                                                                          |                  |
| 34  | Warranty policy                        | Warranty policy - Warranty and Software Support - The storage systems should come with (3) three years' Support Edge warranty & support for both HW and SW. Next business day (NBD) SLA must also be provided.                                                                                                                                                                                      |                  |
| 35  | Bidders onsite support for 1 year      | Bidders onsite support for 1 year - Bidders are required to offer annual support for the solutions deployed within acceptable time limits to ensure Zero or very minimal downtime to operations. Bidders should be easily reachable on phone/Email and should be able to assure of acceptable service levels on response times and incident priorities. Please provide a draft annual SLA document. |                  |
| 36  | Training and Knowledge Transfer        | Provide Training for four (4) ICT Technical Staff on Storage Administration and Data Protection.                                                                                                                                                                                                                                                                                                    |                  |

| SNO | SPECIFICATION          | DETAILS                                                                                                                         | Bidders response |
|-----|------------------------|---------------------------------------------------------------------------------------------------------------------------------|------------------|
| 37  | Technical Training and | Certification training required for ( two) 2 delegates at OEM Training Facility.<br>Bidders to cater all training related costs |                  |

#### ITEM 5: TECHNICAL SPECIFICATIONS FOR BACKUP AND REPLICATION SOLUTION

|   | ITEM                                                        | REQUIREMENTS                                                                                                                                                                                                                                                                                         | BIDDERS RESPONSE |
|---|-------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| 1 | <b>Make</b>                                                 | <b>Bidder to Specify and must be compatible with existing BACKUP solution</b>                                                                                                                                                                                                                        |                  |
| 2 | <b>Model</b>                                                | <b>Bidder to Specify</b>                                                                                                                                                                                                                                                                             |                  |
| 3 | Flexible licenses                                           | The backup software should be flexible with support for virtual, physical and cloud workloads. The licenses should be portable and transferable, and thus future-proof, moving easily across VMware, Hyper-V, Nutanix AHV, RedHat, Windows, Linux, MacOS, NAS, AWS, Azure, Google Cloud, and beyond. |                  |
| 4 | Fast in-built deduplication and compression                 | The solution should be able to use a performance-optimized combination of deduplication and compression, allowing a single backup proxy to process data streams at 1GB/s during backup and restores. Should also be able to perform deduplication at both the source and the target.                 |                  |
| 5 | Changed Block Tracking (CBT)                                | The proposed solution should have a CBT mechanism to be used with incremental backups to identify the data blocks that have changed since the previous job session. This will reduce the load on internet links during backup processes.                                                             |                  |
| 6 | Save bandwidth by speeding up data transfer across the WAN. | Ability to dramatically reduce the bandwidth required for transferring backups and replicas over the WAN by utilizing global caching, variable block length data fingerprinting and traffic compression.                                                                                             |                  |

|    |                                                      |                                                                                                                                                                                                                                                                                      |  |
|----|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 7  | Encryption                                           | The proposed solution must have built in end-to-end encryption, during a backup (before it leaves the network), during movement between components and while the backup data is at rest in its final destination.                                                                    |  |
| 8  | Easy restore of data                                 | The solution should support easy restore of entire VMs, VM files, virtual disks, guest files and application files.                                                                                                                                                                  |  |
| 9  | Support for Self-service recovery                    | The proposed solution should support self-service recovery of files from backup to enable delegation of recovery tasks to particular application owners.                                                                                                                             |  |
| 10 | Monitoring & backup environments from a common pane. | The backup solution should have easy integration with the virtual environment to enable monitoring, alerts, insights and visibility of the entire virtual and backup environment from a single pane including managing of backup, replication and restore tasks from one common pane |  |
| 11 | Replication                                          | The solution should support easy replication of VMs to DR site servers, complete with assisted failover and failback.                                                                                                                                                                |  |
| 12 | Granular recovery of application items – Agentless   | Ability to perform agentless application-integration with Microsoft Exchange, SQL Server, Oracle, Active Directory and SharePoint enabling application specific backups and itemized and full restore of workloads.                                                                  |  |
| 13 | Backup monitoring                                    | The solution should enable one to easily monitor backups/replicas directly from the backup environment with at-a-glance views of backup processes and repositories to easily identify unprotected VMs and applications.                                                              |  |
| 14 | Capacity planning and reporting                      | The backup solution should be able to issue on-demand reports and perform capacity planning e.g. easily tell when backup destinations are almost full of complete alerting (email or otherwise).                                                                                     |  |
| 15 | Search                                               | The backup solution should enable performing of easy and advanced searches for items and objects, browsing through backups and electronic discovery.                                                                                                                                 |  |

|    |                                                            |                                                                                                                                                                                                                                                                            |  |
|----|------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 16 | Abstraction layer to create a single virtual pool          | The ability for the solution to group multiple single backup repositories into one abstract repository.                                                                                                                                                                    |  |
| 17 | Planned Failover                                           | The ability to proactively switch from a running VM to its replica incase the primary VM is scheduled to go offline, for example, during datacenter migration, maintenance or software upgrade of the primary VM.                                                          |  |
| 18 | Restores                                                   | Restored items should easily be saved to different locations, sent via email or exported, or even restored to the original locations (the production VM).                                                                                                                  |  |
| 19 | Backup Targets                                             | The solution should support backups to a variety of locations including tape, NAS, SAN, cloud, external Hard disks etc.                                                                                                                                                    |  |
| 20 | Cloud connect                                              | The proposed solution should support a fast and secure way to get physical and virtual backups offsite and in the future replicate VMs to a cloud service provider of KURA's choice without the cost and complexity of building and maintaining an offsite infrastructure. |  |
| 21 | Direct-to-object storage                                   | Must support direct backup to object storage such as AWS S3 bucket, Azure Blob, etc.                                                                                                                                                                                       |  |
| 22 | Complete visibility                                        | The proposed solution should provide monitoring, reporting, and capacity planning for the virtual environment and backup infrastructure complete with health and performance dashboards.                                                                                   |  |
| 23 | Explorer for Storage Snapshots                             | The solution should be able to restore individual VMs, guest files and application items from storage snapshots.                                                                                                                                                           |  |
| 24 | Test backups and Replicas without impacting production VMs | Ability to test changes in a production-like environment before deployment. The solution should also be able to use storage snapshots to create complete isolated copies for faster and easier testing and troubleshooting.                                                |  |
| 25 | NAS Backup                                                 | Support for protection of unstructured file data and file servers at scale with flexible NAS data protection, greatly reducing the backup impact while improving recovery times.                                                                                           |  |

|    |                                 |                                                                                                                                                                                                                   |  |
|----|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 26 | Continuous Data Protection      | Eliminate downtime and minimize data loss for Tier-1 workloads with built-in CDP and achieve immediate recoveries to a latest state or desired point in time providing the best recovery point objectives (RPOs). |  |
| 26 | Reliable ransomware protection  | Ability to keep backups safe with immutable, hardened Linux repositories preventing encryption by ransomware, accidental or malicious deletions                                                                   |  |
| 28 | Cloud Immutability              | Support for Immutability for backups written to Microsoft Azure Blob Storage and AWS S3 bucket.                                                                                                                   |  |
| 29 | Application verification        | Verify that your common enterprise applications are functioning as expected after recovery.                                                                                                                       |  |
| 30 | Instant Recovery                | Instant recovery of any Veeam backup protected workload including VMs, Microsoft SQL, Oracle databases and NAS files within minutes to meet the recovery objectives.                                              |  |
| 31 | Licensing                       | The backup software should be licensed per the number of virtual machines at KURA - VUL based perpetual license for 50VMs total                                                                                   |  |
| 32 | Warranty                        | 3 years of production (24/7) manufacturer's warranty & support for the proposed backup, replication and orchestration solution.                                                                                   |  |
| 33 | Training and Knowledge Transfer | Provide Training for four (4) ICT Technical Staff.                                                                                                                                                                |  |
| 34 | Technical training              | Backup Software certification training required for 2 delegates at OEM Training Facility.<br>Bidders to cater all training related costs                                                                          |  |

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**ITEM 6: TECHNICAL SPECIFICATIONS FOR VIRTUALIZATION SOLUTION SOFTWARE**


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| No | ITEM                                   | REQUIREMENT                                                                                                                                                                                                                                           | BIDDERS RESPONSE |
|----|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| 1  | <b>Make</b>                            | <b>Bidder to Specify and must be compatible with existing VIRTUALIZATION solution</b>                                                                                                                                                                 |                  |
| 2  | <b>Model</b>                           | <b>Bidder to Specify</b>                                                                                                                                                                                                                              |                  |
| 3  | VM creation, importation & exportation | The platform must allow for easy provision new virtual servers and provides more efficient use of physical server resources whilst still allowing the editing of VM settings, exporting VMs to other platforms and importation of virtual appliances. |                  |
| 4  | Platform manager                       | The virtualization manager must allow the KURA to manage its entire virtual infrastructure - including physical hosts, virtual machines, networks, storage, security and users from a centralized Dashboard                                           |                  |
| 5  | Server Virtualization                  | Must provide enterprise-level server virtualization.                                                                                                                                                                                                  |                  |
| 6  | Portability                            | Features such as live migration, storage migration, and import/export make it easier to move or distribute a virtual machine must be available                                                                                                        |                  |
| 7  | Shared Storage                         | The platform must provide a resilient storage service that will be used to store the data associated with virtual machines. The storage service must be accessible to all hosts.                                                                      |                  |
| 8  | Management tool                        | Provision of a Centralized management tool for the environment                                                                                                                                                                                        |                  |
| 9  | Host agents                            | The platform must provide host agents running on all hosts to facilitate communication Virtualization Manager.                                                                                                                                        |                  |
| 10 | Cluster                                | The platform must support the creation of clusters of physical hosts. These clustered hosts should be treated as a resource pool for virtual machines.                                                                                                |                  |

|    |                      |                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
|----|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|    |                      | Hosts in the same cluster must be able to share the same network infrastructure and underlying storage to support the migration of virtual machines from host to host.                                                                                                                                                                                                                                                        |  |
| 11 | Data Center          | The solution must support creation of virtual data centers encompassing all physical and logical resources (Compute, storage, network etc.) within a managed virtual environment.                                                                                                                                                                                                                                             |  |
| 12 | Events               | The platform must provide dashboards showing alerts, warnings, and other notices about activities to help the administrator to monitor the performance and status of resources.                                                                                                                                                                                                                                               |  |
| 13 | VM High Availability | The platform must provide capability for VM High availability so that a VM is automatically restarted if its process is interrupted, either on its original host or another host in the cluster.                                                                                                                                                                                                                              |  |
| 14 | Logical Network      | The platform must enable creation of logical networks as a logical representation of a physical network. Logical networks will be used to group network traffic and communication between the related Manager, hosts, storage, and virtual machines.                                                                                                                                                                          |  |
| 15 | Snapshot             | <p>The platform must support the creation of VM snapshots, snapshots will provide a view of a virtual machine's operating system and all its applications at a point in time.</p> <p>The snapshots must be capable of saving the settings of a virtual machine before an upgrade or before installing new applications. In case of problems, a snapshot can be used to restore the virtual machine to its original state.</p> |  |
| 16 | Image repository     | The platform must provide a logical domain that contains a standalone image repository. Each domain should be capable of being used to store virtual disks or ISO images, and for the import and export of virtual machine images.                                                                                                                                                                                            |  |
| 17 | VM templates         | The virtualization solution must support creation of VM templates, as a model                                                                                                                                                                                                                                                                                                                                                 |  |

|    |                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|----|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|    |                                           | virtual machine with predefined settings for easy reuse of objects. These templates will be used a quick way of creating many virtual machines in a single step.                                                                                                                                                                                                                                                                                                                                                                                                |  |
| 18 | Storage -Local & External                 | The platform must support storage connections to an external unified storage array providing storage services via block, file & object protocols. The external storage arrays could be offering either block volumes (iSCSI or Fibre Channel) or a file system. The platform should be able to support Local Storage, POSIX-Compliant File systems, Fibre Channel over Ethernet, FC, iSCSI, NFS, NVMe-OF etc.                                                                                                                                                   |  |
| 19 | Platform security & compliance management | <p>The platform should provide tooling to help lower the risk of security vulnerabilities and increase compliance with industry regulations, and corporate standards.</p> <p>The platform must provide predictive analytics to automatically identify hosts that require updates due to common vulnerabilities and exposures (CVEs), compliance risks, or performance issues.</p> <p>The platform must provide simplified console where admins can patch and update systems at scale to quickly remediate issues in the clients' private cloud environment.</p> |  |
| 20 | VLAN tagging                              | The platform must support VLAN tagging so multiple logical networks can share a single device by using Virtual LAN (VLAN) tagging to isolate network traffic.                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| 21 | Directory Server Support                  | <p>The platform must allow attaching of an external directory server to the Virtualization environment and use it as an external domain.</p> <p>The attachment of more than one authentication directory servers to the platform should also be supported.</p>                                                                                                                                                                                                                                                                                                  |  |
| 22 | Local users                               | The platform should allow creation of a default admin user in an internal domain. This account is intended for use when initially configuring the environment, and for troubleshooting purposes.                                                                                                                                                                                                                                                                                                                                                                |  |

|    |                   |                                                                                                                                                                                                                                                        |  |
|----|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 23 | Time Sync         | The platform must have inbuilt NTP capabilities so as to be able to use Network Time Protocol (NTP) on all hosts and virtual machines in the environment in order to synchronize time.                                                                 |  |
| 24 | Security features | The platform must provide security features such as HTTPS, SELinux, and the in-built firewall on the hosts or virtual machines. Bidders will be required to carry out security hardening exercises as per the OEM's best practice security guidelines. |  |
| 25 | Network Bonding   | The platform must support Network bonding, bond network interfaces on production hosts is required to improve the overall availability of service, as well as network bandwidth to key application servers.                                            |  |

**Item 7. TECHNICAL SPECIFICATIONS FOR DC CORE NETWORK SWITCHES  
UPGRADE – QTY 2**

| SN | Description                                                                           | Bidders Response |
|----|---------------------------------------------------------------------------------------|------------------|
| 1  | <b>Bidder to insert Make of Switch</b>                                                |                  |
| 2  | <b>Bidder to insert Model name and number</b>                                         |                  |
| 3  | Must support <b>24 ports 10G SFP + ports</b>                                          |                  |
| 4  | Must support <b>4x 40/100G</b> fixed uplinks                                          |                  |
| 5  | Default primary AC power supply of <b>650 WAC</b>                                     |                  |
| 6  | Must support <b>redundant PSU.</b>                                                    |                  |
| 7  | Must support <b>fixed redundant fans.</b>                                             |                  |
| 8  | Must support DNA Network Essential Software, 3 years                                  |                  |
| 9  | Must have chassis dimensions of:<br>1.73 x 17.5 x 18.0 in                             |                  |
| 10 | Should support a total of <b>256,000<sup>1</sup></b> MAC Addresses                    |                  |
| 11 | Must support up to <b>32,000<sup>1,6</sup></b> IPv4 Multicast routes                  |                  |
| 12 | Must support up to <b>16,000<sup>1,6</sup></b> IPv6 Multicast routes                  |                  |
| 13 | Must support up to <b>Up to 8,000/4,000<sup>1,7</sup></b> QoS ACL scale               |                  |
| 14 | Must support up to <b>Up to 8,000/4,000<sup>1,7</sup></b> Security ACL scale          |                  |
| 15 | Must support upto <b>2,000,000<sup>5</sup></b> flows of Flexible NetFlow(FNF) entries |                  |
| 16 | Must support a DRAM of <b>32 GB</b>                                                   |                  |
| 17 | Must support Flash of <b>16GB</b>                                                     |                  |
| 18 | Must support <b>4096 VLAN ID's</b>                                                    |                  |

|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 19 | Must support <b>4096</b> Total Switched Virtual Interface (SVI's)                                                                                                                                                                                                                                                                                                                                                                                     |  |
| 20 | Must support <b>9216 bytes</b> of jumbo Frames.                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| 21 | Must have a switching capacity of upto <b>2.0 Tbps<sup>2</sup></b>                                                                                                                                                                                                                                                                                                                                                                                    |  |
| 22 | Must support forwarding rates of Up to <b>1 Bpps</b>                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| 23 | Minimum 3 years support on Parts, labour and software and next business day replacement for any hardware failure that may occur. In addition, the equipment MUST include the manufacturer's premier technical support services that include: Accelerated hardware replacement options, Operating system updates, Access to Manufacturer's technical assistance team, Online troubleshooting / support tools and proactive problem diagnosis services. |  |
| 24 | The proposed product MUST have a manufacturer's local warranty & Support. will verify with the manufacturer to ensure compliance.                                                                                                                                                                                                                                                                                                                     |  |
| 25 | Must be supplied with 28 X 10G Fiber SFP Modules per switch                                                                                                                                                                                                                                                                                                                                                                                           |  |
| 26 | Must provide the Manufacturer's Authorization Letter on Manufacturers letter head, signed & stamped                                                                                                                                                                                                                                                                                                                                                   |  |
| 27 | Provide Post Implementation Certified Training to five (5) ICT Technical Staff. (Attach training Schedule, Methodology and Approach)                                                                                                                                                                                                                                                                                                                  |  |

**ITEM 8: TECHNICAL SPECIFICATIONS FOR NEXT GENERATION FIREWALL SOLUTION-Quantity 1**

|   | SPECIFICATION                                      | DETAILS                                                                 | Bidders Response |
|---|----------------------------------------------------|-------------------------------------------------------------------------|------------------|
|   | <b>Make</b>                                        | <b>Bidder to Specify and must be compatible with existing firewall</b>  |                  |
|   | <b>Model</b>                                       | <b>Bidder to Specify</b>                                                |                  |
| 1 | 10/100/1000 Interfaces (RJ-45 ports)               | 4 GE RJ45, 4 SFP GE                                                     |                  |
| 2 | 10G BASE-SR SFP+ Ports                             | SSL/TLS Processing-software<br>USB Interfaces-2                         |                  |
| 3 | Hardware Accelerated 10GE SFP+ /<br>GE SFP Slots   | 4 Hardware Accelerated 10GE SFP+ /<br>GE SFP Slots                      |                  |
| 4 | Hardware Accelerated SFP+ Ultra Low Latency Slots  | 4 Hardware Accelerated 25GE SFP28/<br>10GE SFP+ Ultra Low Latency Slots |                  |
| 5 | GE RJ45 MGMT/HA Ports                              | 2 GE RJ45 MGMT/HA Ports                                                 |                  |
| 6 | USB Ports                                          | 2                                                                       |                  |
| 7 | RJ45 Console Port                                  | 1                                                                       |                  |
| 8 | Included Transceivers                              | 2x SFP (SX 1 GE)                                                        |                  |
|   | <b>System Performance — Enterprise Traffic Mix</b> |                                                                         |                  |

|                                        |                                                                |                             |  |
|----------------------------------------|----------------------------------------------------------------|-----------------------------|--|
| 9                                      | IPS Throughput                                                 | 14 Gbps                     |  |
| 10                                     | NGFW Throughput                                                | 4 11.5 Gbps                 |  |
| 11                                     | Threat Protection Throughput                                   | 10.5 Gbps                   |  |
| <b>System Performance and Capacity</b> |                                                                |                             |  |
| 12                                     | IPv4 Firewall Throughput<br>(1518 / 512 / 64 byte, UDP)        | 139 / 137.5 / 70 Gbps       |  |
| 13                                     | IPv6 Firewall Throughput<br>(1518 / 512 / 64 byte, UDP)        | 139 / 137.5 / 70 Gbps       |  |
| 14                                     | Firewall Latency (64 byte, UDP)                                | 4.12 $\mu$ s / 2.5 $\mu$ s* |  |
| 15                                     | Firewall Throughput (Packet per Second)                        | 105 Mpps                    |  |
| 16                                     | Concurrent Sessions (TCP)                                      | 8 Million                   |  |
| 17                                     | New Sessions/Second (TCP)                                      | 550 000                     |  |
| 18                                     | Firewall Policies                                              | 10 000                      |  |
| 19                                     | IPsec VPN Throughput (512 byte)                                | 55 Gbps                     |  |
| 20                                     | Gateway-to-Gateway IPsec VPN Tunnels                           | 2000                        |  |
| 21                                     | Client-to-Gateway IPsec VPN Tunnels                            | 50 000                      |  |
| 22                                     | SSL-VPN Throughput                                             | 4.3 Gbps                    |  |
| 23                                     | Concurrent SSL-VPN Users<br>(Recommended Maximum, Tunnel Mode) | 10 000                      |  |
| 24                                     | SSL Inspection Throughput                                      | 9 Gbps                      |  |
| 25                                     | SSL Inspection CPS (IPS, avg. HTTPS)                           | 7500                        |  |
| 26                                     | SSL Inspection Concurrent Session<br>(IPS, avg. HTTPS)         | 840 000                     |  |
| 27                                     | Application Control Throughput<br>(HTTP 64K)                   | 32 Gbps                     |  |
| 28                                     | CAPWAP Throughput (HTTP 64K)                                   | 64.5 Gbps                   |  |
| 29                                     | Virtual Domains (Default / Maximum)                            | 10 / 10                     |  |
| 30                                     | Maximum Number of FortiSwitches Supported                      | 96                          |  |
| 31                                     | Maximum Number of FortiAPs<br>(Total / Tunnel)                 | 1024 / 512                  |  |
| 32                                     | Maximum Number of FortiTokens                                  | 5000                        |  |

|                           |                                                            |                                           |  |
|---------------------------|------------------------------------------------------------|-------------------------------------------|--|
| 33                        | High Availability Configurations                           | Active-Active, Active-Passive, Clustering |  |
| <b>OTHER Requirements</b> |                                                            |                                           |  |
| 34                        | Appropriate knowledge transfer during deployment           |                                           |  |
| 35                        | Support for three years from the bidder                    |                                           |  |
| 36                        | 3yrs hardware and software warranty from the manufacturer. |                                           |  |

#### ITEM 9: TECHNICAL SPECIFICATIONS FOR REQUIRED CABLES

| SNO | REQUIREMENT/ DESCRIPTION               | Bidder's response |
|-----|----------------------------------------|-------------------|
|     | LC-LC 5m OM4 Fiber Cables- Quantity 30 |                   |
|     | Ethernet cables Cat 6– 5M- Quantity 32 |                   |

#### ITEM 10. TECHNICAL SPECIFICATIONS FOR SERVER ROOM ENTRANCE MODIFICATION

Bidders are required to conduct a site visit to establish the scope of requirements for server room.

| SNO | REQUIREMENT/ DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                            | Bidder's response |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| 1.  | <p>Data Centre/Server Room Design Upgrades for HQ &amp; DR sites as below:</p> <ul style="list-style-type: none"> <li>• <b>Datacenter Door Ramp modification/Fabrication for HQ datacenter</b> - Modify entrance raised floor tiles, pedestal and stringers and Fix the Ramp at HQ datacenter.</li> <li>• <b>DR Door Modification-</b> Modify door to allow Access control installation.</li> </ul> |                   |
| 2.  | <p>Biometric Access control Systems for HQ &amp; datacenter doors:</p> <ul style="list-style-type: none"> <li>• The system should have a Fingerprint capacity of at least 3000 Templates</li> <li>• Magnetic lock units.</li> <li>• Emergency break glass</li> </ul>                                                                                                                                |                   |

| SNO | REQUIREMENT/ DESCRIPTION                                                                                                                                                                                                                                                                                                                  | Bidder's response |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
|     | <ul style="list-style-type: none"> <li>Exit Button</li> <li>Override Key</li> <li>L and Z Brackets</li> <li>Power supply with Up to 6hrs power backup.</li> <li>Provide required Cat 6 UTP cables and 4core power cables.</li> <li>Scope includes mounting of door access control system, user registration and configuration.</li> </ul> |                   |

### Technical Specifications and Standards:

## Lot 2: Upgrade Connectivity and ICT Infrastructure to the Disaster Recovery Site

### KURA WAN Project Objectives is to provide the following:

- i. Installation, configuration, and commissioning of a SD-WAN solution for a WAN network securely connecting DR to the DC site over available diverse links.
- ii. Provide Internet connection for the DC site @ 120mbps bandwidth.
- iii. Provide Internet connection for the DR site @ 100mbps bandwidth.
- iv. Provide a three-year vendor support and 3-year Service Level Agreement framework on the solution.

### KURA WAN Project Scope

The scope of work will include the bidder performing the following activities:

1. Supply, installation, configuration, integration with the existing network infrastructure; and commissioning of the SD-WAN solution.
2. Seamlessly integrate the proposed SD-WAN solution with the existing KURA HQ computer network structure with no changes at the Nairobi HQ Data Center and the DR Site
3. Provide prioritization and QoS controls for various types of traffic such as NetApp snap mirror, VDI, ERP traffic etc
4. Include comprehensive user training for 16 ICT personnel.
5. Provision of comprehensive documentation at the end of the project

### Kindly take note:

1. Bidders not to Copy and Paste specifications in the response
2. Bidders to indicate items/specifications they are offering
3. Do not use Yes /NO /Complied

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**ITEM 1: TECHNICAL SPECIFICATIONS FOR CONNECTIVITY AND ICT INFRASTRUCTURE TO THE DISASTER RECOVERY SITE**


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| Features                              | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Bidders Response |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <b>Application Identification</b>     | <ul style="list-style-type: none"> <li>• The proposed solution must have automated application discovery for applications.</li> <li>• The proposed solution must have Intelligent application performance to control, analyses and optimizes traffic and to en-force an end-to-end, per- session QoS for critical application sessions, even when the network is congested.</li> <li>• The proposed solution MUST have an application performance visualization that's enables at-a-glance performance assessment and rapid troubleshooting when needed.</li> <li>• Rules must be defined centrally through a management system.</li> </ul>                                                                               |                  |
| <b>Path Selection and Failover</b>    | <ul style="list-style-type: none"> <li>• The proposed solution must support the use of diverse network links as WAN links. This must include the ability to use: <ul style="list-style-type: none"> <li>○ MPLS</li> <li>○ DSL</li> <li>○ Cable</li> <li>○ Metro Ethernet</li> <li>○ Cellular Wireless such as 4G or LTE</li> <li>○ Satellite</li> </ul> </li> <li>• The solution must support Link State Propagation (LSP) of bypass pair by detecting port failures of appliance.</li> <li>• The solution must support adaptive bandwidth detection on WAN links.</li> <li>• The solution must provide active bandwidth test to identify instant path bandwidth available through insecure internet WAN link.</li> </ul> |                  |
| <b>QoS and Traffic Prioritization</b> | <ul style="list-style-type: none"> <li>• The solution must be able to define classes of application traffic and apply Quality-of-Service policies to each class.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                  |

|                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Dynamic Link Bonding</b>       | <ul style="list-style-type: none"> <li>• To ensure high application performance for bandwidth intensive applications such as multi-media streaming, backups, and large file transfers, the solution should be able to leverage multiple links simultaneously for a single session.</li> <li>• The solution should be able to load balance across links simultaneously or leverage the secondary link for spill-over. If the bandwidth required for one session exceeds the available bandwidth on the best link.</li> </ul>         |  |
| <b>Dynamic Mesh Topology</b>      | <ul style="list-style-type: none"> <li>• The solution should be able to build connections dynamically between two points, leveraging multiple links and apply logic for best path selection, traffic switching, QoS, and dynamic link bonding.</li> <li>• Dynamic connections should be built on the fly when the quality of the dynamic connection surpasses previously defined static connections.</li> <li>• The connection created dynamically should have all the features of the point-to-point static connection.</li> </ul> |  |
| <b>Reliable Transmission Mode</b> | <p>The solution should feature a reliable retransmission mode. This includes:</p> <ul style="list-style-type: none"> <li>• The receiving device can initiate a retransmit from a sending device for a lost packet to assist with the recovery of lost packets.</li> <li>• This feature should also have a configurable delay.</li> <li>• This ability must exist to retransmit any packets lost during a failover for both UDP and TCP traffic.</li> </ul>                                                                          |  |
| <b>Firewall</b>                   | <ul style="list-style-type: none"> <li>• The solution must support stateful and zone-based firewall enables traffic segmentation and internet traffic steering (direct-to- internet, data center backhaul, and web gateways).</li> </ul>                                                                                                                                                                                                                                                                                            |  |

|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                                 | <ul style="list-style-type: none"> <li>• The solution must support static Network Address Translation (NAT)</li> <li>• The solution must support dynamic Network Address Translation (NAT)</li> <li>• The solution must support application classification using Deep Packet Inspection technology.</li> <li>• The proposed solution must provide an option of KURA bringing our own security approach enables robust WAN and internet access security from leading vendors.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| <b>Security</b>                 | <ul style="list-style-type: none"> <li>• The solution must support IPSec encryption of optimized traffic flows between devices.</li> <li>• The solution must support SSH for access to the management Command Line Interface.</li> <li>• The solution must be able to offer secure internet breakout through simplified connectivity to cloud-based Secure Web Gateways so that Internet traffic leaving the branch can be directed via a secure tunnel to the SWG, which provides firewall, URL filter and usage accounting. This simplifies and centralizes the administration of firewalls and simplifies the infrastructure at the branch.</li> <li>• The solution should support routing domains that allow for building multiple virtual networks that separate traffic, can carry overlapping IP address ranges, allow the application of distinct security and QoS policies for a subset of data such as guest Wi-Fi and provide overall application security.</li> </ul> |  |
| <b>Management and Reporting</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| <b>Centralized Management</b>   | <ul style="list-style-type: none"> <li>• The proposed solution must support a cloud native orchestrator for centralized configuration and management of the SDWAN environment.</li> <li>• The proposed solution MUST support Zero Touch deployment.</li> <li>• The proposed solution must provide a LAN-to-WAN-to-Cloud performance monitoring with contextual telemetry, and</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                           | <p>granular network and application performance visibility across users, devices, sites, links, and locations enables rapid troubleshooting.</p> <ul style="list-style-type: none"> <li>• The solution must support flexible hierarchical group management, including for group-based configuration changes and software updates.</li> <li>• The solution must provide visibility into the SD-WAN network and application performance by allowing you to generate reports and statistics across multiple SD-WAN appliances.</li> <li>• The solution must support centralized monitoring of deployed appliances, including health reporting and archival of log messages.</li> <li>• The solution must provide single plane of glass for SD-WAN branch deployments for all the remote/branch sites.</li> <li>• The solution must provide scheduling of branch site upgrades.</li> <li>• The solution must support historically collected data to help correlate application performance with underlying network events.</li> </ul> |  |
| <b>Reporting</b>          | <ul style="list-style-type: none"> <li>• The solution must present reporting information on the SD-WAN Network</li> <li>• The solution must support alerting notifications (alarms by category and briefly describes the recovery procedure to use when an alarm condition occurs) through SNMP traps, SMTP email, and remote syslog. alarms by category and briefly describes the recovery procedure to use when an alarm condition occurs.</li> <li>• The solution must offer diagnostic tools to troubleshoot network issues resulting in poor applications performance and connectivity issues in the network.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>Deployment Options</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| <b>Deployment modes</b>   | <ul style="list-style-type: none"> <li>• The solution should include all proposed functionality in a single physical appliance.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |

|                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                                            | <ul style="list-style-type: none"> <li>• Hardware SD-WAN Appliances MUST offer a range of deployment modes (routed, route/bridge hybrid, bridge) and site resiliency features designed to ensure a risk-free SD- WAN technology introduction.</li> <li>• The Hardware SD-WAN Appliances participate in dynamic routing, including OSPF and BGP.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Network and Data Center Integration</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| Network Topology                           | <ul style="list-style-type: none"> <li>• The solution must be deployable in-path using bypass interfaces in a data centres, where a diverse mix of application traffic make it difficult and very tedious to configure and manage ACL's and traffic redirection lists for PBR (policy-based routing) or WCCP (web cached control protocol).</li> <li>• Must support OSPF, iBGP and eBGP, as well as standard functions such as DHCP.</li> <li>• The solution must integrate transparently into the existing routing infrastructure. The solution must be completely transparent to existing routing protocols (e.g., OSPF, RIP, BGP, etc.).</li> <li>• When deployed in an in-path configuration, the solution must dynamically detect asymmetric routing in the network.</li> <li>• The solution must support High Availability (HA) to provide redundancy.</li> <li>• The solution must include the ability to support the following topologies: <ul style="list-style-type: none"> <li>○ Hub and spoke.</li> <li>○ Full mesh</li> <li>○ Partial/regional mesh</li> <li>○ Dynamic mesh (with meshed connections built automatically as traffic exceeds threshold levels)</li> </ul> </li> </ul> |  |
| Routing                                    | <ul style="list-style-type: none"> <li>• The solution should be capable of learning dynamic routes. BGP and OSPF must be supported.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |

|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                             | <ul style="list-style-type: none"><li>• The solution should advertise itself via dynamic route protocols. BGP and OSPF must be supported.</li><li>• The solution should provide ability for user to configure Virtual Path Cost when routes are shared across virtual paths.</li><li>• The solution should support automatic creation of summary routes per site.</li></ul>                                                                          |  |
| <b>Scalability</b>          | <ul style="list-style-type: none"><li>• When deployed in an in-path configuration, the solution must support significant amounts of pass-through traffic that is well beyond the licensed optimized bandwidth limit.</li><li>• The solution should support routing policy templates for faster deployment of environments at scale.</li></ul>                                                                                                        |  |
| <b>Customer Requirement</b> | <ul style="list-style-type: none"><li>• The solution will support 2 Datacentres (HQ and DR), automated failover and failback and increased the levels of redundancy between the datacenters. The solution must support a minimum of 500Mbps aggregated bandwidth at each location.</li><li>• The solution must provide for a minimum of 3 years vendor support and 1-year local SLA.</li><li>• All devices MUST have at least 3 WAN ports.</li></ul> |  |

## **Technical Specifications and Standards: Lot 3**

### **Improvement of ICT Equipment (Computers and Accessories) in the Authority ITEM 1 MINIMUM TECHNICAL SPECIFICATIONS LAPTOPS**

Kenya Urban Roads Authority would like to request proposals for the procurement of end user computing devices as outlined in the technical specifications below.

**Kindly take note:**

- 1. Bidders not to Copy and Paste specifications in the response**
- 2. Bidders to indicate items/specifications they are offering**
- 3. Do not use Yes /NO /Complied**

| <b>ITEM 1: LAPTOP COMPUTER –HIGH END -SCREEN SIZE 13.3” – Quantity 10</b>  |                                                                                                                                                                                                                                                                                          |                   |
|----------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| Make                                                                       | Bidder to specify                                                                                                                                                                                                                                                                        | Bidder's response |
| Model/ Product number                                                      | Bidder to specify                                                                                                                                                                                                                                                                        |                   |
| Microprocessor                                                             | Intel® Core™ i7 -1165G7 (UP TO 4.5 GHZ with Intel® Turbo Boost Technology, 12MB L3 cache, 4 cores, 8 threads)                                                                                                                                                                            |                   |
| Chipset                                                                    | Intel® Integrated SoC                                                                                                                                                                                                                                                                    |                   |
| Memory                                                                     | 16 GB DDR4-2933 MHZ RAM (onboard)                                                                                                                                                                                                                                                        |                   |
| Hard drive                                                                 | 1 TB PCIe® NVMe™ M.2 SSD                                                                                                                                                                                                                                                                 |                   |
| Video graphics                                                             | Intel® Iris® Xe Graphics                                                                                                                                                                                                                                                                 |                   |
| Display                                                                    | 33.8 cm(13.3”) diagonal, FHD (1920 x 1080), multitouch-enabled, IPS, edge - to - edge glass, 400 nits, 100%                                                                                                                                                                              |                   |
| Expansion slots                                                            | 1 microSD media card reader                                                                                                                                                                                                                                                              |                   |
| Keyboard                                                                   | Full-size island-style backlit keyboard (Nightfall Black)                                                                                                                                                                                                                                |                   |
| External ports                                                             | 1 Thunderbolt™ 4 with USB4™ Type - C®40Gbps signaling rate(USB Power Delivery, Display Port™ 1.4, HP Sleep and charge); 1 SuperSpeed USB Type –A 5Gbps signaling rate(HP Sleep and charge); 1 SuperSpeed USB type – A 5Gbps signaling rate, 1 AC smart pin; 1 headphone/microphone combo |                   |
| Webcam                                                                     | HP Wide vision 720p HD camera with camera shutter and integrated dual array digital microphones                                                                                                                                                                                          |                   |
| Audio                                                                      | Audio by Bang & Olufsen; Dual speakers; HP Audio Boost                                                                                                                                                                                                                                   |                   |
| Battery type                                                               | 3-cell, 51 Wh Li-ion polymer                                                                                                                                                                                                                                                             |                   |
| Accessories                                                                | Laptop bag, Ethernet Adapter, Wireless mouse                                                                                                                                                                                                                                             |                   |
| warranty                                                                   | 1 Year                                                                                                                                                                                                                                                                                   |                   |
| <b>ITEM 2: LAPTOP COMPUTER – STANDARD_SMALL SCREEN 14inch- Quantity 40</b> |                                                                                                                                                                                                                                                                                          |                   |
| Make                                                                       | Bidder to specify                                                                                                                                                                                                                                                                        |                   |

|                               |                                                                                        |  |
|-------------------------------|----------------------------------------------------------------------------------------|--|
| Model/ Product Number         | Bidder to specify                                                                      |  |
| Processor                     | 11TH Gen Intel Core i7 – 1195G7 (up to 5.0 GHZ, 12 MB L3 cache, 4 cores, 8 threads     |  |
| Memory                        | 16GB Expandable to 32GB                                                                |  |
| Capacity                      | 512GB SSD                                                                              |  |
| Graphics                      | Nvidia 30 – series graphics – Nvidia GeForce RTX 3060(6 GB of RAM)                     |  |
| Navigation                    | 2 Button USB scroll mouse with mouse pad. Enhance Quiet-key USB space - saver keyboard |  |
| Communication Interface       | USB &HDMI                                                                              |  |
| Keyboard                      | Full-size island-style backlit keyboard (Nightfall Black)                              |  |
| Webcam                        | HP True Vision HD IR Camera with integrated dual array digital microphone              |  |
| Application Software Supplied | M/S Office Professional Plus 2021 or later Activated or latest version                 |  |

**ITEM 3: MINIMUM TECHNICAL SPECIFICATIONS FOR DESKTOP PRINTERS**

| <b>DESKTOP PRINTERS-QUANTITY 3</b> |                                                                                                                                                                                                                                                   |                          |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <b>SPECIFICATION</b>               | <b>DETAILS</b>                                                                                                                                                                                                                                    | <b>Bidder's response</b> |
| <b>Make</b>                        | <b>Bidder to insert</b>                                                                                                                                                                                                                           |                          |
| <b>Model/ Product number</b>       | <b>Bidder to insert</b>                                                                                                                                                                                                                           |                          |
| USAGE                              | All – in – One Printer: Print, Copy, Scan, Fax, Duplex, email                                                                                                                                                                                     |                          |
| TYPE                               | Monochrome Laser Printer                                                                                                                                                                                                                          |                          |
| CONNECTIVITY                       | Wireless 40ppm USB; Ethernet                                                                                                                                                                                                                      |                          |
| FUNCTIONALITY                      | Auto duplex printing; Scan to email; 50-sheet ADF; 2 paper trays (standard)                                                                                                                                                                       |                          |
| SUPPLIES                           | Black LaserJet Toner Cartridge (3,000 pages)                                                                                                                                                                                                      |                          |
| COPIER SETTING                     | ID Copy; Number of copies; Resize (including 2-Up);<br><br>Lighter/Darker; Enhancements; Original Size; Binding Margin; Collation; Tray Selection; Two-Sided; Quality (Draft/Normal/Best); Save<br><br>Current Settings; Restore Factory Defaults |                          |
| PRINTER SPEED                      | Upto 40 pages per minute.                                                                                                                                                                                                                         |                          |
| 2 SIDE PRINTING                    | AUTOMATIC                                                                                                                                                                                                                                         |                          |
| INPUT CAPACITY                     | Up to 300/850 sheets                                                                                                                                                                                                                              |                          |
| SCANNING                           | 50-sheet ADF with single-pass, two-sided scanning                                                                                                                                                                                                 |                          |
| WARRANTY                           | 1-year limited hardware warranty.                                                                                                                                                                                                                 |                          |
|                                    | Bidder/Tenderer Response (Attach Brochure                                                                                                                                                                                                         |                          |

**ITEM 4 MINIMUM TECHNICAL SPECIFICATIONS FOR UNINTERRUPTIBLE POWER SUPPLY (UPS) Quantity 1**

| ITEM                          | MINIMUM SPECIFICATIONS                                                                                                  | Bidder's response |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------|
| Power Rating                  | 20KVA/20KW                                                                                                              |                   |
| Input power capacity          | 100-240V, AC, 50/60 Hz 82 A                                                                                             |                   |
|                               |                                                                                                                         |                   |
| Output power capacity         | 220V/230V/240V, 50/60HZ, 91A                                                                                            |                   |
| Efficiency                    | 96.5%                                                                                                                   |                   |
| Battery Voltage               | +/_144Vdc to +/-264Vdc                                                                                                  |                   |
| Charger current               | Upto 8 Amps                                                                                                             |                   |
| Backup time                   | Minimum 45 minutes                                                                                                      |                   |
| Extended Battery              | BATTERY PACKS 20X12V                                                                                                    |                   |
| Expected Battery Life (years) | 5 years                                                                                                                 |                   |
| Weight                        | Not more than 80 kgs                                                                                                    |                   |
| Audible Noise                 | 54db                                                                                                                    |                   |
| Interface Ports               | MINI Slot x 1, Parallel Port** x 2, USB Port x 1, RS232 Port*** x 1, RS485 Port x 1, REPO/ROO Port x 1, Dry Contact x 4 |                   |
| Display                       | Graphical and multi-lingual LCD                                                                                         |                   |
| Typical dimensions            | 440 x 760 x 88.2mm                                                                                                      |                   |
| Conformance                   | CE, UL/cUL, RCM, TISI, EAC, BIS, KC, BSMI                                                                               |                   |
|                               | <b>Bidder/Tenderer Response (Attach Brochure)</b>                                                                       |                   |

**ITEM 5: MINIMUM TECHNICAL SPECIFICATIONS FOR PHOTOCOPIERS- QTY 6**

| <b>ITEM</b>                                       | <b>MINIMUM SPECIFICATIONS</b>                                                                                                           | <b>Bidder's response</b> |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| Print Speed                                       | 80 & above pages per minute                                                                                                             |                          |
| General type                                      | Multifunctional for A3 format (A4/A3 b/w)                                                                                               |                          |
| Technology                                        | Laser, HyPAS™ solution platform                                                                                                         |                          |
| Resolution                                        | 600x600 dpi; Multi-bit technology for print quality of 9,600 dpi equivalent x 600 dpi                                                   |                          |
| Warm-up time                                      | Approx. 30 seconds or less                                                                                                              |                          |
| Time to first copy                                | Approx. 4.7 seconds or less in b/w                                                                                                      |                          |
| ADF                                               | Brand Specific Standard Duplexer Unit                                                                                                   |                          |
| Stand                                             | Brand Specific Moveable stand / Pedestal.                                                                                               |                          |
| PORT                                              | Power, USB, Ethernet ...                                                                                                                |                          |
| Power consumption                                 | Printing: 980 W (in b/w), Ready-mode: 200 W, Sleep-mode: 21 W                                                                           |                          |
| Power source                                      | AC 220 V – 240 V, 50/60 Hz                                                                                                              |                          |
| Noise (ISO 7779)                                  | Noise (sound pressure level ISO 7779/ISO 9296) Printing: b/w 50.8 dB(A) LpA                                                             |                          |
| Safety standards                                  | GS, TÜV, CE - This unit is manufactured according to ISO 9001 quality standard and ISO 14001 environmental standard. RoHS compatibility |                          |
| General memory                                    | 2048 MB RAM + 100 GB HDD                                                                                                                |                          |
| Features                                          | Print, Copy & Scan in A3 & A4                                                                                                           |                          |
| <b>Bidder/Tenderer Response (Attach Brochure)</b> |                                                                                                                                         |                          |
|                                                   |                                                                                                                                         |                          |

**ITEM 6 MINIMUM TECHNICAL SPECIFICATIONS FOR :****a. 86- inch VIDEO ENDPOINT TECHNICAL SPECIFICATIONS QTY 1**

| Category                         | Specification Requirement                                                                                                                                                                                                                   | Bidder's response |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| <b>General Requirements</b>      | The proposed equipment must come with the following: <ul style="list-style-type: none"> <li>▪ Interactive Panel;</li> <li>▪ Built-in Speaker;</li> <li>▪ Built-in microphone;</li> <li>▪ Built-in camera.</li> <li>▪ OPS module.</li> </ul> |                   |
|                                  | The system configuration should have at a minimum, 8 core CPU, 8 GB RAM, 64GB Flash.                                                                                                                                                        |                   |
|                                  | Floor stand (with roller) should be provided.                                                                                                                                                                                               |                   |
|                                  | One remote control should be provided.                                                                                                                                                                                                      |                   |
| <b>Touch Screen Requirements</b> | The screen size should be 86- inch touch screen with 4K 60 resolution as                                                                                                                                                                    |                   |
|                                  | The screen should automatically adjust the brightness based on ambient                                                                                                                                                                      |                   |
|                                  | The screen should support anti-blue light. A copy of the corresponding                                                                                                                                                                      |                   |
|                                  | The Screen touch response time should be a maximum of                                                                                                                                                                                       |                   |
|                                  | The screen should support multiple touch points.                                                                                                                                                                                            |                   |
| <b>Camera Requirements</b>       | The screen should come with a built-in camera of 4K30 resolution or higher resolution.                                                                                                                                                      |                   |
|                                  | The camera should have a shutter for privacy.                                                                                                                                                                                               |                   |
|                                  | The camera should automatically adjust field of view based on the location of the participants                                                                                                                                              |                   |
|                                  | The camera should support automatic tracking of speakers in a meeting.                                                                                                                                                                      |                   |
| <b>Microphone Requirements</b>   | The screen should have at least 6 built-in microphones.                                                                                                                                                                                     |                   |
|                                  | The microphones should have a sound pickup radius of at least 10 meters.                                                                                                                                                                    |                   |
|                                  | The screen/equipment should support acoustic echo cancellation (AEC), automatic gain control (AGC), and                                                                                                                                     |                   |
| <b>Speaker Requirements</b>      | The screen should come with a minimum of Two built-in speakers                                                                                                                                                                              |                   |
| <b>Ports Requirements</b>        | Video In: 1 x HDMI 2.0<br>Video Out: 1 xHDMI 2.0                                                                                                                                                                                            |                   |
|                                  | Audio In: 1 x 3.5mm Audio Out: 1 x 3.5mm                                                                                                                                                                                                    |                   |
|                                  | 3 x USB Type-A 3.0, support USB flash drive, mouse, keyboard,                                                                                                                                                                               |                   |
|                                  | 1 x USB Type-C, to support USB flash device and wireless dongle for                                                                                                                                                                         |                   |
|                                  | 1 x 10/100/1000M RJ45 port                                                                                                                                                                                                                  |                   |

|                                |                                                                                                                                                             |  |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                                | 1 x COM port (RJ45)                                                                                                                                         |  |
|                                | 1 x OPS slot for PC module.                                                                                                                                 |  |
|                                | Must support Wi-Fi 5 and Wi-Fi 6, IEEE802.11a/b/g/n/ac/ax network                                                                                           |  |
|                                | protocols.                                                                                                                                                  |  |
|                                | Must support Wi-Fi 2.4 GHz and 5 GHz dual-band. Wi-Fi hotspot and                                                                                           |  |
| <b>OPS Module Requirements</b> | The screen should be equipped with an OPS Module, with a minimum configuration of Core i7 Processor,                                                        |  |
|                                | The OPS Module Interface should have the following ports; Video out: 1 x HDMI 1.4, 1 x DP 1.2. Audio in: 1 x 3.5mm.                                         |  |
|                                | The OS should be Windows 10 enterprise operating system, and support installation of common 3 <sup>rd</sup> party video conferencing applications.          |  |
| <b>Whiteboard Requirements</b> | The writing latency should be not more than 20ms.                                                                                                           |  |
|                                | The built-in whiteboard should support handwriting, drawing, erasing, marking, saving, zooming, and locking the whiteboard with different background colors |  |
|                                | The screen should allow saving of the content of the whiteboard locally or in an external USB flash memory, or sending to an email address.                 |  |
| <b>Projection Requirements</b> | Screen should support Wired projection through HDMI cable and all USB Types.                                                                                |  |
|                                | Screen should support Wireless projection by entering a projection code on the mobile device or laptop or PC.                                               |  |
|                                | Screen should come complete with a wireless dongle for one-click projection from a PC.                                                                      |  |
| <b>Security Requirements</b>   | The screen must comply with 802.11a/b/g/n/ac/ax protocols and WPA2 authentication.                                                                          |  |
|                                | The screen must support the following protocols: TCP/IP, SRTP, TLS, DHCP, DNS, SNTP, SSH,                                                                   |  |
|                                | <b>Bidder/Tenderer Response (Attach Brochure)</b>                                                                                                           |  |

**b. 65 - inch VIDEO ENDPOINT TECHNICAL SPECIFICATIONS QTY 1**

| <b>Category</b>                  | <b>Specification Requirement</b>                                                                                                                                                                                     | <b>Bidder's response</b> |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <b>General Requirements</b>      | The proposed equipment must come with the following: <ul style="list-style-type: none"> <li>▪ Interactive Panel;</li> <li>▪ Built-in Speaker;</li> <li>▪ Built-in microphone;</li> <li>▪ Built-in camera.</li> </ul> |                          |
|                                  | The system configuration should have at a minimum, 8 core CPU, 8 GB RAM, 64GB Flash.                                                                                                                                 |                          |
|                                  | Floor stand (with roller) should be provided.                                                                                                                                                                        |                          |
|                                  | One remote control should be provided.                                                                                                                                                                               |                          |
| <b>Touch Screen Requirements</b> | The screen size should be 65 - inch touch screen with 4K 60 resolution as a minimum requirement.                                                                                                                     |                          |
|                                  | The screen should automatically adjust the brightness based on ambient light.                                                                                                                                        |                          |
|                                  | The screen should support anti-blue light. A copy of the corresponding                                                                                                                                               |                          |
|                                  | The Screen touch response time should be a maximum of 8ms or lower.                                                                                                                                                  |                          |
|                                  | The screen should support multiple touch points.                                                                                                                                                                     |                          |
| <b>Camera Requirements</b>       | The screen should come with a built-in camera of 4K30 resolution or higher resolution.                                                                                                                               |                          |
|                                  | The camera should have a shutter for privacy.                                                                                                                                                                        |                          |
|                                  | The camera should automatically adjust field of view based on the location of the participants during online meetings.                                                                                               |                          |
|                                  | The camera should support automatic tracking of speakers in a meeting.                                                                                                                                               |                          |
| <b>Microphone Requirements</b>   | The screen should have at least 6 built-in                                                                                                                                                                           |                          |
|                                  | The microphones should have a sound pickup radius of at least 10 meters.                                                                                                                                             |                          |
|                                  | The screen/equipment should support acoustic echo cancellation (AEC), automatic gain control (AGC), and automatic noise suppression (ANS).                                                                           |                          |
| <b>Speaker Requirements</b>      | The screen should come with a minimum of Two built-in speakers                                                                                                                                                       |                          |

|                                |                                                                                                                                                             |  |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Ports Requirements</b>      | Video In: 1 x HDMI 2.0<br>Video Out: 1 xHDMI 2.0                                                                                                            |  |
|                                | Audio In: 1 x 3.5mm Audio Out: 1 x 3.5mm                                                                                                                    |  |
|                                | 3 x USB Type-A 3.0, support USB flash drive, mouse, keyboard,                                                                                               |  |
|                                | 1 x USB Type-C, to support USB flash device and wireless dongle for                                                                                         |  |
|                                | 1 x 10/100/1000M RJ45 port                                                                                                                                  |  |
|                                | 1 x COM port (RJ45)                                                                                                                                         |  |
|                                | 1 x OPS slot for PC module.                                                                                                                                 |  |
|                                | Must support Wi-Fi 5 and Wi-Fi 6, IEEE802.11a/b/g/n/ac/ax network                                                                                           |  |
|                                | protocols.                                                                                                                                                  |  |
|                                | Must support Wi-Fi 2.4 GHz and 5 GHz dual-band. Wi-Fi hotspot and Wi-Fi client can be enabled at the same time.                                             |  |
| <b>OPS Module Requirements</b> | The screen should be equipped with an OPS Module, with a minimum configuration of Core i7 Processor, 16G DDR4 RAM, and 512G SSD.                            |  |
|                                | The OPS Module Interface should have the following ports; Video out: 1 x HDMI 1.4, 1 x DP 1.2. Audio in: 1 x 3.5mm. Audio out: 1 x 3.5mm.                   |  |
|                                | The OS should be Windows 10 enterprise operating system, and support installation of common 3 <sup>rd</sup> party video conferencing applications.          |  |
| <b>Whiteboard Requirements</b> | The writing latency should be not more than 20ms.                                                                                                           |  |
|                                | The built-in whiteboard should support handwriting, drawing, erasing, marking, saving, zooming, and locking the whiteboard with different background colors |  |
|                                | The screen should allow saving of the content of the whiteboard locally or in an external USB flash memory, or sending to an email address.                 |  |
| <b>Projection Requirements</b> | Screen should support Wired projection through HDMI cable and all USB Types                                                                                 |  |
|                                | Screen should support Wireless projection by entering a projection code on the mobile device or laptop or PC.                                               |  |

|                              |                                                                                                                    |  |
|------------------------------|--------------------------------------------------------------------------------------------------------------------|--|
|                              | Screen should come complete with a wireless dongle for one-click projection from a PC.                             |  |
| <b>Security Requirements</b> | The screen must comply with 802.11a/b/g/n/ac/ax protocols and WPA2 authentication.                                 |  |
|                              | The screen must support the following protocols: TCP/IP, SRTP, TLS, DHCP, DNS, SNMP, SSH, HTTP, HTTPS, and TR- 069 |  |
|                              | <b>Bidder/Tenderer Response (Attach Brochure)</b>                                                                  |  |

**Technical Specifications and Standards: Lot 4****Upgrading and Standardization-of Operating Systems and Licenses****Kindly take note:**

1. **Bidders not to Copy and Paste specifications in the response**
2. **Bidders to indicate items/specifications they are offering**
3. **Do not use Yes /NO /Complied**

| <b>No</b>                                                                                                    | <b>Description</b>                                                                                                                            | <b>Quantity</b> | <b>Bidder's response</b> |
|--------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------------------|
| 1                                                                                                            | Server operating system equivalent to Windows Server 2022 Datacenter – Packs of 2 Core Perpetual Licenses                                     | 64              |                          |
| 2                                                                                                            | Server operating system Perpetual CALS                                                                                                        | 5               |                          |
| 3                                                                                                            | Windows 11 Pro (64-Bit Operating system)                                                                                                      | 150             |                          |
| 4                                                                                                            | Supply, Install and Configure one Hundred (100) Dynamics 365 Business Central Essentials (Named user licenses)                                | 100             |                          |
| 5                                                                                                            | Business Readiness Enhanced Plan (BREP) payable annually for One (1) year based on License Anniversary for the one Hundred (100) New Licenses | 100             |                          |
| <b>NB</b><br><b>All software /Government Plans must be provided through the Authority's Microsoft portal</b> |                                                                                                                                               |                 |                          |

## 4. Drawings

This bidding document includes *[insert “the following” or “no”]* drawings.

*[If documents shall be included, insert the following List of Drawings]*

| List of Drawings |              |         |
|------------------|--------------|---------|
| Drawing Nr.      | Drawing Name | Purpose |
|                  |              |         |
|                  |              |         |
|                  |              |         |
|                  |              |         |
|                  |              |         |

## 5. Inspections and Tests

The following inspections and tests shall be performed:

*Hardware /software to be tested list all of them*

|   | Tests             | Description                                                                                                                                                                                                               |
|---|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Technical tests   | KURA shall require the Supplier to carry out tests deemed necessary to verify that the characteristics and performance of the Goods comply with the technical specifications, codes and standards under the Contract.     |
| 2 | Operational Tests | KURA shall require the Supplier to carry out tests deemed necessary to verify that the characteristics and performance of the Goods comply with the operational specifications, codes and standards under the Contract.   |
| 3 | As Built Tests    | KURA shall require the Supplier to carry out tests deemed necessary to verify that the performance of the implemented systems and Goods comply with the technical specifications, codes and standards under the Contract. |

## **PART 3 - Contract**

# Section VIII - General Conditions of Contract

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## Section VIII - General Conditions of Contract

### 1. Definitions

1.1 The following words and expressions shall have the meanings hereby assigned to them:

- (a) **“Bank”** means the World Bank and refers to the International Bank for Reconstruction and Development (IBRD) or the International Development Association (IDA).
- (b) **“Contract”** means the Contract Agreement entered into between the Purchaser and the Supplier, together with the Contract Documents referred to therein, including all attachments, appendices, and all documents incorporated by reference therein.
- (c) **“Contract Documents”** means the documents listed in the Contract Agreement, including any amendments thereto.
- (d) **“Contract Price”** means the price payable to the Supplier as specified in the Contract Agreement, subject to such additions and adjustments thereto or deductions therefrom, as may be made pursuant to the Contract.
- (e) **“Day”** means calendar day.
- (f) **“Completion”** means the fulfillment of the Related Services by the Supplier in accordance with the terms and conditions set forth in the Contract.
- (g) **“GCC”** means the General Conditions of Contract.
- (h) **“Goods”** means all of the commodities, raw material, machinery and equipment, and/or other materials that the Supplier is required to supply to the Purchaser under the Contract.
- (i) **“Purchaser’s Country”** is the country specified in the **Special Conditions of Contract (SCC)**.
- (j) **“Purchaser”** means the entity purchasing the Goods and Related Services, as **specified in the SCC**.
- (k) **“Related Services”** means the services incidental to the supply of the goods, such as insurance, installation, training and initial maintenance and other such obligations of the Supplier under the Contract.
- (l) **“SCC”** means the Special Conditions of Contract.
- (m) **“Subcontractor”** means any person, private or government entity, or a combination of the above, to whom any part of the Goods to be supplied or execution of any

part of the Related Services is subcontracted by the Supplier.

- (n) **“Supplier”** means the person, private or government entity, or a combination of the above, whose Bid to perform the Contract has been accepted by the Purchaser and is named as such in the Contract Agreement.
- (o) **“The Project Site,”** where applicable, means the place named in the SCC.

## 2. **Contract Documents**

- 2.1 Subject to the order of precedence set forth in the Contract Agreement, all documents forming the Contract (and all parts thereof) are intended to be correlative, complementary, and mutually explanatory. The Contract Agreement shall be read as a whole.

## 3. **Fraud and Corruption**

- 3.1 The Bank requires compliance with the Bank’s Anti-Corruption Guidelines and its prevailing sanctions policies and procedures as set forth in the WBG’s Sanctions Framework, as set forth in Appendix 1 to the GCC.
- 3.2 The Purchaser requires the Supplier 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 Bidding 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.

## 4. **Interpretation**

- 4.1 If the context so requires it, singular means plural and vice versa.
- 4.2 Incoterms
  - (a) Unless inconsistent with any provision of the Contract, the meaning of any trade term and the rights and obligations of parties thereunder shall be as prescribed by Incoterms **specified in the SCC**.
  - (b) The terms EXW, CIP, FCA, CFR and other similar terms, when used, shall be governed by the rules prescribed in the current edition of Incoterms specified in the **SCC** and published by the International Chamber of Commerce in Paris, France.
- 4.3 Entire Agreement

The Contract constitutes the entire agreement between the Purchaser and the Supplier and supersedes all communications, negotiations and agreements (whether written or oral) of the parties with respect thereto made prior to the date of Contract.
- 4.4 Amendment

No amendment or other variation of the Contract shall be valid unless it is in writing, is dated, expressly refers to the Contract, and is signed by a duly authorized representative of each party thereto.

#### 4.5 Nonwaiver

- (a) Subject to GCC Sub-Clause 4.5(b) below, no relaxation, forbearance, delay, or indulgence by either party in enforcing any of the terms and conditions of the Contract or the granting of time by either party to the other shall prejudice, affect, or restrict the rights of that party under the Contract, neither shall any waiver by either party of any breach of Contract operate as waiver of any subsequent or continuing breach of Contract.
- (b) Any waiver of a party's rights, powers, or remedies under the Contract must be in writing, dated, and signed by an authorized representative of the party granting such waiver, and must specify the right and the extent to which it is being waived.

#### 4.6 Severability

If any provision or condition of the Contract is prohibited or rendered invalid or unenforceable, such prohibition, invalidity or unenforceability shall not affect the validity or enforceability of any other provisions and conditions of the Contract.

### 5. Language

- 5.1 The Contract as well as all correspondence and documents relating to the Contract exchanged by the Supplier and the Purchaser, shall be written in the language specified in the SCC. Supporting documents and printed literature that are part of the Contract may be in another language provided they are accompanied by an accurate translation of the relevant passages in the language specified, in which case, for purposes of interpretation of the Contract, this translation shall govern.
- 5.2 The Supplier shall bear all costs of translation to the governing language and all risks of the accuracy of such translation, for documents provided by the Supplier.

### 6. Joint Venture, Consortium or Association

- 6.1 If the Supplier is a joint venture, consortium, or association, all of the parties shall be jointly and severally liable to the Purchaser for the fulfillment of the provisions of the Contract and shall designate one party to act as a leader with authority to bind the joint venture, consortium, or association. The composition or the constitution of the joint venture, consortium, or association shall not be altered without the prior consent of the Purchaser.

- 7. Eligibility**
- 7.1 The Supplier and its Subcontractors shall have the nationality of an eligible country. A Supplier or Subcontractor shall be deemed to have the nationality of a country if it is a citizen or constituted, incorporated, or registered, and operates in conformity with the provisions of the laws of that country.
- 7.2 All Goods and Related Services to be supplied under the Contract and financed by the Bank shall have their origin in Eligible Countries. For the purpose of this Clause, origin means the country where the goods have been grown, mined, cultivated, produced, manufactured, or processed; or through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.
- 8. Notices**
- 8.1 Any notice given by one party to the other pursuant to the Contract shall be in writing to the address specified in the **SCC**. The term “in writing” means communicated in written form with proof of receipt.
- 8.2 A notice shall be effective when delivered or on the notice’s effective date, whichever is later.
- 9. Governing Law**
- 9.1 The Contract shall be governed by and interpreted in accordance with the laws of the Purchaser’s Country, unless otherwise specified in the **SCC**.
- 9.2 Throughout the execution of the Contract, the Supplier shall comply with the import of goods and services prohibitions in the Purchaser’s Country when
- (a) as a matter of law or official regulations, the Borrower’s country prohibits commercial relations with that country; or
- 9.2 (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, the Borrower’s Country prohibits any import of goods from that country or any payments to any country, person, or entity in that country.
- 10. Settlement of Disputes**
- 10.1 The Purchaser and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.
- 10.2 If, after twenty-eight (28) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Purchaser or the Supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect

of this matter may be commenced unless such notice is given. Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be finally settled by arbitration. Arbitration may be commenced prior to or after delivery of the Goods under the Contract. Arbitration proceedings shall be conducted in accordance with the rules of procedure specified in the SCC.

10.3 Notwithstanding any reference to arbitration herein,

- (a) the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree; and
- (b) the Purchaser shall pay the Supplier any monies due the Supplier.

**11. Inspections and Audit by the Bank**

11.1 The Supplier shall keep, and shall make all reasonable efforts to cause its Subcontractors to keep, accurate and systematic accounts and records in respect of the Goods in such form and details as will clearly identify relevant time changes and costs.

11.2 Pursuant to paragraph 2.2 e. of Appendix 1 to the General Conditions the Supplier shall permit and shall cause its agents (where declared or not), subcontractors, subconsultants, service providers, suppliers, and personnel, to permit, the Bank and/or persons appointed by the Bank to inspect the site and/or the accounts, records and other documents relating to the procurement process, selection and/or contract execution, and to have such accounts, records and other documents audited by auditors appointed by the Bank. The Supplier's and its Subcontractors' and subconsultants' attention is drawn to Sub-Clause 3.1 (Fraud and Corruption) which provides, inter alia, that acts intended to materially impede the exercise of the Bank's inspection and audit rights constitute a prohibited practice subject to contract termination (as well as to a determination of ineligibility pursuant to the Bank's prevailing sanctions procedures).

**12. Scope of Supply**

12.1 The Goods and Related Services to be supplied shall be as specified in the Schedule of Requirements.

**13. Delivery and Documents**

13.1 Subject to GCC Sub-Clause 33.1, the Delivery of the Goods and Completion of the Related Services shall be in accordance with the Delivery and Completion Schedule specified in the Schedule of Requirements. The details of shipping and other documents to be furnished by the Supplier are specified in the SCC.

**14. Supplier's Responsibilities**

- 14.1 The Supplier shall supply all the Goods and Related Services included in the Scope of Supply in accordance with GCC Clause 12, and the Delivery and Completion Schedule, as per GCC Clause 13.
- 14.2 The Supplier, including its Subcontractors, shall not employ or engage forced labor or persons subject to trafficking, as described in GCC Sub-Clauses 14.3 and 14.4.
- 14.3 Forced labor consists of any work or service, not voluntarily performed, that is exacted from an individual under threat of force or penalty, and includes any kind of involuntary or compulsory labor, such as indentured labor, bonded labor or similar labor-contracting arrangements.
- 14.4 Trafficking in persons is defined as the recruitment, transportation, transfer, harbouring or receipt of persons by means of the threat or use of force or other forms of coercion, abduction, fraud, deception, abuse of power, or of a position of vulnerability, or of the giving or receiving of payments or benefits to achieve the consent of a person having control over another person, for the purposes of exploitation.
- 14.5 The Supplier, including its Subcontractors, shall not employ or engage a child under the age of 14 unless the national law specifies a higher age (the minimum age).
- 14.6 The Supplier, including its Subcontractors, shall not employ or engage a child between the minimum age and the age of 18 in a manner that is likely to be hazardous, or to interfere with, the child's education, or to be harmful to the child's health or physical, mental, spiritual, moral, or social development.
- 14.7 Work considered hazardous for children is work that, by its nature or the circumstances in which it is carried out, is likely to jeopardize the health, safety, or morals of children. Such work activities prohibited for children include work:
- (a) with exposure to physical, psychological or sexual abuse;
  - (b) underground, underwater, working at heights or in confined spaces;
  - (c) with dangerous machinery, equipment or tools, or involving handling or transport of heavy loads;
  - (d) in unhealthy environments exposing children to hazardous substances, agents, or processes, or to temperatures, noise or vibration damaging to health; or
  - (e) under difficult conditions such as work for long hours, during the night or in confinement on the premises of the employer.

14.8 The Supplier shall comply, and shall require its Subcontractors if any to comply, with all applicable health and safety regulations, laws, guidelines, and any other requirement stated in the Technical Specifications.

14.9 The Supplier shall comply with additional obligations as **specified in the SCC.**

**15. Contract Price**

15.1 Prices charged by the Supplier for the Goods supplied and the Related Services performed under the Contract shall not vary from the prices quoted by the Supplier in its Bid, with the exception of any price adjustments authorized in the **SCC.**

**16. Terms of Payment**

16.1 The Contract Price, including any Advance Payments, if applicable, shall be paid as specified in the **SCC.**

16.2 The Supplier's request for payment shall be made to the Purchaser in writing, accompanied by invoices describing, as appropriate, the Goods delivered and Related Services performed, and by the documents submitted pursuant to GCC Clause 13 and upon fulfillment of all other obligations stipulated in the Contract.

16.3 Payments shall be made promptly by the Purchaser, but in no case later than sixty (60) days after submission of an invoice or request for payment by the Supplier, and after the Purchaser has accepted it.

16.4 The currencies in which payments shall be made to the Supplier under this Contract shall be those in which the Bid price is expressed.

16.5 In the event that the Purchaser fails to pay the Supplier any payment by its due date or within the period set forth in the **SCC**, the Purchaser shall pay to the Supplier interest on the amount of such delayed payment at the rate shown in the **SCC**, for the period of delay until payment has been made in full, whether before or after judgment or arbitration award.

**17. Taxes and Duties**

17.1 For goods manufactured outside the Purchaser's Country, the Supplier shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside the Purchaser's Country.

17.2 For goods Manufactured within the Purchaser's Country, the Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Goods to the Purchaser.

17.3 If any tax exemptions, reductions, allowances or privileges may be available to the Supplier in the Purchaser's Country, the

Purchaser shall use its best efforts to enable the Supplier to benefit from any such tax savings to the maximum allowable extent.

**18. Performance Security**

- 18.1 If required as specified in the SCC, the Supplier shall, within twenty-eight (28) days of the notification of contract award, provide a performance security for the performance of the Contract in the amount specified in the **SCC**.
- 18.2 The proceeds of the Performance Security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.
- 18.3 As specified in the SCC, the Performance Security, if required, shall be denominated in the currency(ies) of the Contract, or in a freely convertible currency acceptable to the Purchaser; and shall be in one of the format stipulated by the Purchaser in the SCC, or in another format acceptable to the Purchaser.
- 18.4 The Performance Security shall be discharged by the Purchaser and returned to the Supplier not later than twenty-eight (28) days following the date of Completion of the Supplier's performance obligations under the Contract, including any warranty obligations, unless specified otherwise in the **SCC**.

**19. Copyright**

- 19.1 The copyright in all drawings, documents, and other materials containing data and information furnished to the Purchaser by the Supplier herein shall remain vested in the Supplier, or, if they are furnished to the Purchaser directly or through the Supplier by any third party, including suppliers of materials, the copyright in such materials shall remain vested in such third party.

**20. Confidential Information**

- 20.1 The Purchaser and the Supplier shall keep confidential and shall not, without the written consent of the other party hereto, divulge to any third party any documents, data, or other information furnished directly or indirectly by the other party hereto in connection with the Contract, whether such information has been furnished prior to, during or following completion or termination of the Contract. Notwithstanding the above, the Supplier may furnish to its Subcontractor such documents, data, and other information it receives from the Purchaser to the extent required for the Subcontractor to perform its work under the Contract, in which event the Supplier shall obtain from such Subcontractor an undertaking of confidentiality similar to that imposed on the Supplier under GCC Clause 20.
- 20.2 The Purchaser shall not use such documents, data, and other information received from the Supplier for any purposes unrelated to the contract. Similarly, the Supplier shall not use such documents, data, and other information received from the

Purchaser for any purpose other than the performance of the Contract.

20.3 The obligation of a party under GCC Sub-Clauses 20.1 and 20.2 above, however, shall not apply to information that:

- (a) the Purchaser or Supplier need to share with the Bank or other institutions participating in the financing of the Contract;
- (b) now or hereafter enters the public domain through no fault of that party;
- (c) can be proven to have been possessed by that party at the time of disclosure and which was not previously obtained, directly or indirectly, from the other party; or
- (d) otherwise lawfully becomes available to that party from a third party that has no obligation of confidentiality.

20.4 The above provisions of GCC Clause 20 shall not in any way modify any undertaking of confidentiality given by either of the parties hereto prior to the date of the Contract in respect of the Supply or any part thereof.

20.5 The provisions of GCC Clause 20 shall survive completion or termination, for whatever reason, of the Contract.

## **21. Subcontracting**

21.1 The Supplier shall notify the Purchaser in writing of all subcontracts awarded under the Contract if not already specified in the Bid. Notification by the Supplier, for addition of any Subcontractor not named in the Contract, shall also include the Subcontractor's declaration in accordance with Appendix 2 to the GCC- Sexual exploitation and Abuse (SEA) and/or Sexual Harassment (SH) Performance Declaration. Such notification, in the original Bid or later shall not relieve the Supplier from any of its obligations, duties, responsibilities, or liability under the Contract.

21.2 Subcontracts shall comply with the provisions of GCC Clauses 3 and 7.

## **22. Specifications and Standards**

### **22.1 Technical Specifications and Drawings**

- (a) The Goods and Related Services supplied under this Contract shall conform to the technical specifications and standards mentioned in Section VI, Schedule of Requirements and, when no applicable standard is mentioned, the standard shall be equivalent or superior to the official standards whose application is appropriate to the Goods' country of origin.

- (b) The Supplier shall be entitled to disclaim responsibility for any design, data, drawing, specification or other document, or any modification thereof provided or designed by or on behalf of the Purchaser, by giving a notice of such disclaimer to the Purchaser.
- (c) Wherever references are made in the Contract to codes and standards in accordance with which it shall be executed, the edition or the revised version of such codes and standards shall be those specified in the Schedule of Requirements. During Contract execution, any changes in any such codes and standards shall be applied only after approval by the Purchaser and shall be treated in accordance with GCC Clause 33.

**23. Packing and Documents**

- 23.1 The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract. During transit, the packing shall be sufficient to withstand, without limitation, rough handling and exposure to extreme temperatures, salt and precipitation, and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the goods' final destination and the absence of heavy handling facilities at all points in transit.
- 23.2 The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified in the SCC, and in any other instructions ordered by the Purchaser.

**24. Insurance**

- 24.1 Unless otherwise specified in the **SCC**, the Goods supplied under the Contract shall be fully insured—in a freely convertible currency from an eligible country—against loss or damage incidental to manufacture or acquisition, transportation, storage, and delivery, in accordance with the applicable Incoterms or in the manner specified in the **SCC**.

**25. Transportation and Incidental Services**

- 25.1 Unless otherwise specified in the **SCC**, responsibility for arranging transportation of the Goods shall be in accordance with the specified Incoterms.
- 25.2 The Supplier may be required to provide any or all of the following services, including additional services, if any, specified in SCC:
- (a) performance or supervision of on-site assembly and/or start-up of the supplied Goods;

- (b) furnishing of tools required for assembly and/or maintenance of the supplied Goods;
- (c) furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods;
- (d) performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and
- (e) training of the Purchaser's personnel, at the Supplier's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods.

25.3 Prices charged by the Supplier for incidental services, if not included in the Contract Price for the Goods, shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services

## **26. Inspections and Tests**

26.1 The Supplier shall at its own expense and at no cost to the Purchaser carry out all such tests and/or inspections of the Goods and Related Services as are specified in the **SCC**.

26.2 The inspections and tests may be conducted on the premises of the Supplier or its Subcontractor, at point of delivery, and/or at the Goods' final destination, or in another place in the Purchaser's Country as specified in the **SCC**. Subject to GCC Sub-Clause 26.3, if conducted on the premises of the Supplier or its Subcontractor, all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Purchaser.

26.3 The Purchaser or its designated representative shall be entitled to attend the tests and/or inspections referred to in GCC Sub-Clause 26.2, provided that the Purchaser bear all of its own costs and expenses incurred in connection with such attendance including, but not limited to, all traveling and board and lodging expenses.

26.4 Whenever the Supplier is ready to carry out any such test and inspection, it shall give a reasonable advance notice, including the place and time, to the Purchaser. The Supplier shall obtain from any relevant third party or manufacturer any necessary permission or consent to enable the Purchaser or its designated representative to attend the test and/or inspection.

26.5 The Purchaser may require the Supplier to carry out any test and/or inspection not required by the Contract but deemed necessary to verify that the characteristics and performance of the Goods comply with the technical specifications codes and

standards under the Contract, provided that the Supplier's reasonable costs and expenses incurred in the carrying out of such test and/or inspection shall be added to the Contract Price. Further, if such test and/or inspection impedes the progress of manufacturing and/or the Supplier's performance of its other obligations under the Contract, due allowance will be made in respect of the Delivery Dates and Completion Dates and the other obligations so affected.

26.6 The Supplier shall provide the Purchaser with a report of the results of any such test and/or inspection.

26.7 The Purchaser may reject any Goods or any part thereof that fail to pass any test and/or inspection or do not conform to the specifications. The Supplier shall either rectify or replace such rejected Goods or parts thereof or make alterations necessary to meet the specifications at no cost to the Purchaser, and shall repeat the test and/or inspection, at no cost to the Purchaser, upon giving a notice pursuant to GCC Sub-Clause 26.4.

26.8 The Supplier agrees that neither the execution of a test and/or inspection of the Goods or any part thereof, nor the attendance by the Purchaser or its representative, nor the issue of any report pursuant to GCC Sub-Clause 26.6, shall release the Supplier from any warranties or other obligations under the Contract.

## **27. Liquidated Damages**

27.1 Except as provided under GCC Clause 32, if the Supplier fails to deliver any or all of the Goods by the Date(s) of delivery or perform the Related Services within the period specified in the Contract, the Purchaser may without prejudice to all its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in the **SCC** of the delivered price of the delayed Goods or unperformed Services for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the percentage specified in those **SCC**. Once the maximum is reached, the Purchaser may terminate the Contract pursuant to GCC Clause 35.

## **28. Warranty**

28.1 The Supplier warrants that all the Goods are new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided otherwise in the Contract.

28.2 Subject to GCC Sub-Clause 22.1(b), the Supplier further warrants that the Goods shall be free from defects arising from any act or omission of the Supplier or arising from design, materials, and workmanship, under normal use in the conditions prevailing in the country of final destination.

- 28.3 Unless otherwise specified in the **SCC**, the warranty shall remain valid for twelve (12) months after the Goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the **SCC**, or for eighteen (18) months after the date of shipment from the port or place of loading in the country of origin, whichever period concludes earlier.
- 28.4 The Purchaser shall give notice to the Supplier stating the nature of any such defects together with all available evidence thereof, promptly following the discovery thereof. The Purchaser shall afford all reasonable opportunity for the Supplier to inspect such defects.
- 28.5 Upon receipt of such notice, the Supplier shall, within the period specified in the **SCC**, expeditiously repair or replace the defective Goods or parts thereof, at no cost to the Purchaser.
- 28.6 If having been notified, the Supplier fails to remedy the defect within the period specified in the **SCC**, the Purchaser may proceed to take within a reasonable period such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.

**29. Patent  
Indemnity**

- 29.1 The Supplier shall, subject to the Purchaser's compliance with GCC Sub-Clause 29.2, indemnify and hold harmless the Purchaser and its employees and officers from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Purchaser may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract by reason of:
- (a) the installation of the Goods by the Supplier or the use of the Goods in the country where the Site is located; and
  - (b) the sale in any country of the products produced by the Goods.

Such indemnity shall not cover any use of the Goods or any part thereof other than for the purpose indicated by or to be reasonably inferred from the Contract, neither any infringement resulting from the use of the Goods or any part thereof, or any products produced thereby in association or combination with any other equipment, plant, or materials not supplied by the Supplier, pursuant to the Contract.

- 29.2 If any proceedings are brought or any claim is made against the Purchaser arising out of the matters referred to in GCC Sub-Clause 29.1, the Purchaser shall promptly give the Supplier a notice thereof, and the Supplier may at its own expense and in the Purchaser's name conduct such proceedings or claim and any negotiations for the settlement of any such proceedings or claim.
- 29.3 If the Supplier fails to notify the Purchaser within twenty-eight (28) days after receipt of such notice that it intends to conduct any such proceedings or claim, then the Purchaser shall be free to conduct the same on its own behalf.
- 29.4 The Purchaser shall, at the Supplier's request, afford all available assistance to the Supplier in conducting such proceedings or claim, and shall be reimbursed by the Supplier for all reasonable expenses incurred in so doing.
- 29.5 The Purchaser shall indemnify and hold harmless the Supplier and its employees, officers, and Subcontractors from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Supplier may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract arising out of or in connection with any design, data, drawing, specification, or other documents or materials provided or designed by or on behalf of the Purchaser.

**30. Limitation of Liability**

- 30.1 Except in cases of criminal negligence or willful misconduct,
- (a) the Supplier shall not be liable to the Purchaser, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the Supplier to pay liquidated damages to the Purchaser and
  - (b) the aggregate liability of the Supplier to the Purchaser, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment, or to any obligation of the supplier to indemnify the Purchaser with respect to patent infringement

**31. Change in Laws and Regulations**

- 31.1 Unless otherwise specified in the Contract, if after the date of 28 days prior to date of Bid submission, any law, regulation, ordinance, order or bylaw having the force of law is enacted, promulgated, abrogated, or changed in the place of the Purchaser's Country where the Site is located (which shall be

deemed to include any change in interpretation or application by the competent authorities) that subsequently affects the Delivery Date and/or the Contract Price, then such Delivery Date and/or Contract Price shall be correspondingly increased or decreased, to the extent that the Supplier has thereby been affected in the performance of any of its obligations under the Contract. Notwithstanding the foregoing, such additional or reduced cost shall not be separately paid or credited if the same has already been accounted for in the price adjustment provisions where applicable, in accordance with GCC Clause 15.

- 32. Force Majeure**
- 32.1 The Supplier shall not be liable for forfeiture of its Performance Security, liquidated damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.
- 32.2 For purposes of this Clause, “Force Majeure” means an event or situation beyond the control of the Supplier that is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of the Supplier. Such events may include, but not be limited to, acts of the Purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.
- 32.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.
- 33. Change Orders and Contract Amendments**
- 33.1 The Purchaser may at any time order the Supplier through notice in accordance GCC Clause 8, to make changes within the general scope of the Contract in any one or more of the following:
- (a) drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Purchaser;
  - (b) the method of shipment or packing;
  - (c) the place of delivery; and
  - (d) the Related Services to be provided by the Supplier.
- 33.2 If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier’s performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or in the Delivery/Completion

Schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this Clause must be asserted within twenty-eight (28) days from the date of the Supplier's receipt of the Purchaser's change order.

33.3 Prices to be charged by the Supplier for any Related Services that might be needed but which were not included in the Contract shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.

33.4 **Value Engineering:** The Supplier 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) the Purchaser may incur in implementing the value engineering proposal; and
- (c) a description of any effect(s) of the change on performance/functionality.

The Purchaser 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 life cycle costs to the Purchaser; or
- (c) improves the quality, efficiency or sustainability of the Goods; or
- (d) yields any other benefits to the Purchaser,

without compromising the necessary functions of the Facilities.

If the value engineering proposal is approved by the Purchaser and results in:

- (a) a reduction of the Contract Price; the amount to be paid to the Supplier shall be the percentage specified **in the PCC** of the reduction in the Contract Price; or
- (b) an increase in the Contract Price; but results in a reduction in life cycle costs due to any benefit described in (a) to (d) above, the amount to be paid to the Supplier shall be the full increase in the Contract Price.

33.5 Subject to the above, no variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.

**34. Extensions of Time**

34.1 If at any time during performance of the Contract, the Supplier or its subcontractors should encounter conditions impeding timely delivery of the Goods or completion of Related Services pursuant to GCC Clause 13, the Supplier shall promptly notify the Purchaser in writing of the delay, its likely duration, and its cause. As soon as practicable after receipt of the Supplier's notice, the Purchaser shall evaluate the situation and may at its discretion extend the Supplier's time for performance, in which case the extension shall be ratified by the parties by amendment of the Contract.

34.2 Except in case of Force Majeure, as provided under GCC Clause 32, a delay by the Supplier in the performance of its Delivery and Completion obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to GCC Clause 26, unless an extension of time is agreed upon, pursuant to GCC Sub-Clause 34.1.

**35. Termination**

**35.1 Termination for Default**

- (a) The Purchaser, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, may terminate the Contract in whole or in part:
  - (i) if the Supplier fails to deliver any or all of the Goods within the period specified in the Contract, or within any extension thereof granted by the Purchaser pursuant to GCC Clause 34;
  - (ii) if the Supplier fails to perform any other obligation under the Contract; or
  - (iii) if the Supplier, in the judgment of the Purchaser has engaged in Fraud and Corruption, as defined in paragraph 2.2 a of the Appendix 1 to the GCC, in competing for or in executing the Contract.
- (b) In the event the Purchaser terminates the Contract in whole or in part, pursuant to GCC Clause 35.1(a), the Purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods or Related Services similar to those undelivered or not performed, and the Supplier shall be liable to the Purchaser for any additional costs for such similar Goods or Related Services. However, the Supplier shall continue performance of the Contract to the extent not terminated.

### 35.2 Termination for Insolvency.

- (a) The Purchaser may at any time terminate the Contract by giving notice to the Supplier if the Supplier becomes bankrupt or otherwise insolvent. In such event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy that has accrued or will accrue thereafter to the Purchaser

### 35.3 Termination for Convenience.

- (a) The Purchaser, by notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Purchaser's convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.
- (b) The Goods that are complete and ready for shipment within twenty-eight (28) days after the Supplier's receipt of notice of termination shall be accepted by the Purchaser at the Contract terms and prices. For the remaining Goods, the Purchaser may elect:
  - (i) to have any portion completed and delivered at the Contract terms and prices; and/or
  - (ii) to cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and Related Services and for materials and parts previously procured by the Supplier.

## 36. Assignment

- 36.1 Neither the Purchaser nor the Supplier shall assign, in whole or in part, their obligations under this Contract, except with prior written consent of the other party.

## 37. Export Restriction

- 37.1 Notwithstanding any obligation under the Contract to complete all export formalities, any export restrictions attributable to the Purchaser, to the country of the Purchaser, or to the use of the products/goods, systems or services to be supplied, which arise from trade regulations from a country supplying those products/goods, systems or services, and which substantially impede the Supplier from meeting its obligations under the Contract, shall release the Supplier from the obligation to provide deliveries or services, always provided, however, that the Supplier can demonstrate to the satisfaction of the Purchaser and of the Bank that it has completed all formalities in a timely manner, including applying for permits, authorizations and

licenses necessary for the export of the products/goods, systems or services under the terms of the Contract. Termination of the Contract on this basis shall be for the Purchaser's convenience pursuant to Sub-Clause 35.3.

## APPENDIX 1

### Fraud and Corruption

*(Text in this Appendix shall not be modified)*

#### 1. Purpose

1.1 The Bank's Anti-Corruption Guidelines and this annex apply with respect to procurement under Bank Investment Project Financing operations.

#### 2. Requirements

2.1 The Bank requires that Borrowers (including beneficiaries of Bank financing); bidders (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, observe the highest standard of ethics during the procurement process, selection and contract execution of Bank-financed contracts, and refrain from Fraud and Corruption.

2.2 To this end, the Bank:

- a. Defines, for the purposes of this provision, 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:
    - (a) deliberately destroying, falsifying, altering, or concealing of evidence material to the investigation or making false statements to investigators in order to materially impede a Bank investigation 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
    - (b) acts intended to materially impede the exercise of the Bank's inspection and audit rights provided for under paragraph 2.2 e. below.

- b. Rejects a proposal for award if the Bank 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.
- c. In addition to the legal remedies set out in the relevant Legal Agreement, may take other appropriate actions, including declaring mis procurement, if the Bank determines at any time that representatives of the Borrower or of a recipient of any part of the proceeds of the loan engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices during the procurement process, selection and/or execution of the contract in question, without the Borrower having taken timely and appropriate action satisfactory to the Bank to address such practices when they occur, including by failing to inform the Bank in a timely manner at the time they knew of the practices;
- d. Pursuant to the Bank's Anti- Corruption Guidelines and in accordance with the Bank's prevailing sanctions policies and procedures, may sanction a firm or individual, either indefinitely or for a stated period of time, including by publicly declaring such firm or individual ineligible (i) to be awarded or otherwise benefit from a Bank-financed contract, financially or in any other manner;<sup>1</sup> (ii) to be a nominated<sup>2</sup> sub-contractor, consultant, manufacturer or supplier, or service provider of an otherwise eligible firm being awarded a Bank-financed contract; and (iii) to receive the proceeds of any loan made by the Bank or otherwise to participate further in the preparation or implementation of any Bank-financed project;
- e. Requires that a clause be included in bidding/request for proposals documents and in contracts financed by a Bank loan, requiring (i) bidders (applicants/proposers), consultants, contractors, and suppliers, and their sub-contractors, sub-consultants, service providers, suppliers, agents personnel, permit the Bank to inspect<sup>3</sup> 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 Bank.

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<sup>1</sup> For the avoidance of doubt, a sanctioned party's ineligibility to be awarded a contract shall include, without limitation, (i) applying for pre-qualification, expressing interest in a consultancy, and bidding, 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.

<sup>2</sup> A nominated sub-contractor, nominated consultant, nominated manufacturer or supplier, or nominated service provider (different names are used depending on the particular bidding document) is one which has been: (i) included by the bidder in its pre-qualification application or bid because it brings specific and critical experience and know-how that allow the bidder to meet the qualification requirements for the particular bid; or (ii) appointed by the Borrower.

<sup>3</sup> Inspections in this context usually are investigative (i.e., forensic) in nature. They involve fact-finding activities undertaken by the Bank or persons appointed by the Bank 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.

**APPENDIX 2**  
**Sexual Exploitation and Abuse (SEA) and/or Sexual Harassment (SH) Performance**  
**Declaration for Subcontractors\***

*[The following table shall be filled in by each subcontractor proposed by the Supplier, that was not named in the Contract]*

Subcontractor's Name: *[insert full name]*

Date: *[insert day, month, year]*

Contract reference *[insert contract reference]*

Page *[insert page number]* of *[insert total number]* pages

| <b>SEA and/or SH Declaration</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>We:</p> <p><input type="checkbox"/> (a) have not been subject to disqualification by the Bank for non-compliance with SEA/ SH obligations.</p> <p><input type="checkbox"/> (b) are subject to disqualification by the Bank for non-compliance with SEA/ SH obligations.</p> <p><input type="checkbox"/> (c) had been subject to disqualification by the Bank for non-compliance with SEA/ SH obligations, and were removed from the disqualification list. An arbitral award on the disqualification case has been made in our favor.</p> |
| <p><b><i>[If (c) above is applicable, attach evidence of an arbitral award reversing the findings on the issues underlying the disqualification.]</i></b></p>                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <p>Period of disqualification: From: _____ To: _____</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

Name of the Subcontractor \_\_\_\_\_

Name of the person duly authorized to sign on behalf of the Subcontractor \_\_\_\_\_

Title of the person signing on behalf of the Subcontractor \_\_\_\_\_

Signature of the person named above \_\_\_\_\_

Date signed \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_

Countersignature of authorized representative of the Supplier:

Signature: \_\_\_\_\_

Date signed \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_



### Section IX - Special Conditions of Contract

The following Special Conditions of Contract (SCC) shall supplement and / or amend the General Conditions of Contract (GCC). Whenever there is a conflict, the provisions herein shall prevail over those in the GCC.

*[The Purchaser shall select insert the appropriate wording using the samples below or other acceptable wording, and delete the text in italics]*

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>GCC 1.1(i)</b>  | The Purchaser's Country is: <b>Kenya</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>GCC 1.1(j)</b>  | The Purchaser is: <b>State Department for Roads</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>GCC 1.1(o)</b>  | The Project Site(s)<br><br><i><b>KENYA Urban Roads Authority</b></i><br><br><i><b>Mazao Road, Off Airport South Road</b></i><br><br><i><b>Barabara Plaza, Block D, Nairobi, Kenya</b></i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>GCC 1.1 (p)</b> | The term <b>SEA/SH</b> where used in the Contract has the following meaning: <ul style="list-style-type: none"> <li>• “<b>Sexual Exploitation and Abuse</b>” “<b>(SEA)</b>” means the following:<br/><br/><b>Sexual Exploitation</b> is defined as any actual or attempted abuse of position of vulnerability, differential power or trust, for sexual purposes, including, but not limited to, profiting monetarily, socially or politically from the sexual exploitation of another.<br/><br/><b>Sexual Abuse</b> is defined as the actual or threatened physical intrusion of a sexual nature, whether by force or under unequal or coercive conditions.</li> <li>• “<b>Sexual Harassment</b>” “<b>(SH)</b>” is defined as unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature by contractor's personnel with other contractor's, subcontractors' or employer's personnel.</li> </ul> |
| <b>GCC 4.2 (a)</b> | The meaning of the trade terms shall be as prescribed by Incoterms. If the meaning of any trade term and the rights and obligations of the parties thereunder shall not be as prescribed by Incoterms, they shall be as prescribed by: <b>Not Applicable</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>GCC 4.2 (b)</b> | The version edition of Incoterms shall be <b>2020</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>GCC 5.1</b>     | The language shall be: <b>ENGLISH</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>GCC 8.1</b>  | <p>For <b><u>notices</u></b>, the Purchaser's address shall be:</p> <p>Attention: <b>The Principal Secretary</b><br/><b>State Department of Roads</b></p> <p>Street Address: <b>Ngong Road</b></p> <p>Floor/ Room number: <b>9<sup>th</sup> Floor, Works Building</b></p> <p>City: <b>Nairobi</b></p> <p>Country: <b>Kenya</b></p> <p>Telephone: <b>+254 (20) 2723232</b></p> <p>Electronic mail address: <b><u>scms@roads.go.ke</u></b></p>                                                                                                                                                                                                                                                                                                                 |
| <b>GCC 9.1</b>  | The governing law shall be the law of: <b>Kenya</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>GCC 10.2</b> | <p>The rules of procedure for arbitration proceedings pursuant to GCC Clause 10.2 shall be as follows:</p> <p><b>(a) <i>Contract with foreign Supplier:</i></b></p> <p>GCC 10.2 (a)—Any dispute, controversy or claim arising out of or relating to this Contract, or breach, termination or invalidity thereof, shall be settled by arbitration in accordance with the UNCITRAL Arbitration Rules as at present in force.</p> <p><b>(b) <i>Contracts with Supplier national of the Purchaser's Country:</i></b></p> <p>In the case of a dispute between the Purchaser and a Supplier who is a national of the Purchaser's Country, the dispute shall be referred to adjudication or arbitration in accordance with the laws of the Purchaser's Country.</p> |
| <b>GCC 13.1</b> | <p>There are no Special Conditions of Contract applicable to GCC</p> <p>Clause 13.1</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

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|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>GCC 14.9</b></p> | <p>GCC 14.9.1 The Supplier shall have a code of conduct, and provide appropriate sensitization, for the Supplier's personnel carrying out <i>that</i> include, but not limited to, maintaining a safe working environment and not engaging in the following practices:</p> <ul style="list-style-type: none"> <li>(i) any form of sexual harassment including unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature with other Supplier's or Purchaser's personnel;</li> <li>(ii) any form of sexual exploitation, which means any actual or attempted abuse of position of vulnerability, differential power or trust, for sexual purposes, including, but not limited to, profiting monetarily, socially or politically from the sexual exploitation of another;</li> <li>(iii) any form of sexual abuse, which means the actual or threatened physical intrusion of a sexual nature, whether by force or under unequal or coercive conditions; and</li> <li>(iv) any form of sexual activity with individuals under the age of 18, except in case of pre-existing marriage.</li> </ul> <p>GCC 14.9.2 The Purchaser may require the Supplier to remove (or cause to be removed), from the site or other places where the operation and maintenance is being executed, a Supplier's personnel that undertakes behaviors that are not consistent with the code of conduct stated in GCC 14.9.1. Notwithstanding any requirement from the Purchaser to replace any such person, the Supplier shall immediately remove (or cause to be removed) any such person, from the site or other places where the operation and maintenance is being executed. In either case, the Supplier shall promptly appoint, as appropriate, a suitable replacement with equivalent skills and experience.</p> |
| <p><b>GCC 15.1</b></p> | <p>The prices charged for the Goods supplied and the related Services performed <b>shall not</b> be adjustable.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <p><b>GCC 16.1</b></p> | <p>GCC 16.1—The method and conditions of payment to be made to the Supplier under this Contract shall be as follows:</p> <p><b>Payment for Goods and services supplied from abroad:</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                  |                     |  |     |                     |                  |                     |       |                |    |      |       |                |    |      |       |                |    |      |       |                |    |      |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|---------------------|--|-----|---------------------|------------------|---------------------|-------|----------------|----|------|-------|----------------|----|------|-------|----------------|----|------|-------|----------------|----|------|
|                 | <p>Payment of foreign currency portion shall be made in <b>Kenya shillings (KES)</b> in the following manner:</p> <table><tr><td>ots</td><td>(i) Advance Payment</td><td>(ii) On Shipment</td><td>(iii) On Acceptance</td></tr><tr><td>Lot 1</td><td>Not Applicable</td><td>0%</td><td>100%</td></tr><tr><td>Lot 2</td><td>Not Applicable</td><td>0%</td><td>100%</td></tr><tr><td>Lot 3</td><td>Not Applicable</td><td>0%</td><td>100%</td></tr><tr><td>Lot 4</td><td>Not Applicable</td><td>0%</td><td>100%</td></tr></table> <p><b>NB: notes for the GCC 16.1</b></p> <p><b>b. On Acceptance:</b> Hundred (100) percent of the Contract Price of Goods and services received shall be paid within thirty (60) days of completion of all the deliveries and stated works/services upon submission of claim supported by the acceptance certificate issued by the Purchaser.</p> <p>Payment of local currency portion shall be made in <b>Kenya Shillings (KES)</b> within thirty (30) days of presentation of claim supported by a certificate from the Purchaser declaring that the Goods and services have been delivered and that all other contracted Services have been performed.</p> |                  |                     |  | ots | (i) Advance Payment | (ii) On Shipment | (iii) On Acceptance | Lot 1 | Not Applicable | 0% | 100% | Lot 2 | Not Applicable | 0% | 100% | Lot 3 | Not Applicable | 0% | 100% | Lot 4 | Not Applicable | 0% | 100% |
| ots             | (i) Advance Payment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (ii) On Shipment | (iii) On Acceptance |  |     |                     |                  |                     |       |                |    |      |       |                |    |      |       |                |    |      |       |                |    |      |
| Lot 1           | Not Applicable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0%               | 100%                |  |     |                     |                  |                     |       |                |    |      |       |                |    |      |       |                |    |      |       |                |    |      |
| Lot 2           | Not Applicable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0%               | 100%                |  |     |                     |                  |                     |       |                |    |      |       |                |    |      |       |                |    |      |       |                |    |      |
| Lot 3           | Not Applicable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0%               | 100%                |  |     |                     |                  |                     |       |                |    |      |       |                |    |      |       |                |    |      |       |                |    |      |
| Lot 4           | Not Applicable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0%               | 100%                |  |     |                     |                  |                     |       |                |    |      |       |                |    |      |       |                |    |      |       |                |    |      |
| <b>GCC 16.5</b> | <p>The payment-delay period after which the Purchaser shall pay interest to the supplier shall be <b>sixty (90)</b> days.</p> <p>The interest rate that shall be applied is: “<b>prevailing commercial lending interest rates</b>”</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                  |                     |  |     |                     |                  |                     |       |                |    |      |       |                |    |      |       |                |    |      |       |                |    |      |
| <b>GCC 18.1</b> | <p>A Performance Security shall be <b>10%</b> percentage of Contract Price</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                  |                     |  |     |                     |                  |                     |       |                |    |      |       |                |    |      |       |                |    |      |       |                |    |      |
| <b>GCC 18.3</b> | <p>The Performance Security shall be in the form of a <b>bank guarantee</b> issued by a reputable bank located in Kenya, The Performance security shall be denominated in <b>Kenya Shilling</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                  |                     |  |     |                     |                  |                     |       |                |    |      |       |                |    |      |       |                |    |      |       |                |    |      |
| <b>GCC 18.4</b> | <p>Discharge of the Performance Security shall take place: As stated in sub clause GCC 18.4</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                  |                     |  |     |                     |                  |                     |       |                |    |      |       |                |    |      |       |                |    |      |       |                |    |      |

|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>GCC 23.2</b> | <p>The packing, marking and documentation within and outside the packages shall be:</p> <p>Destination: <b>Director General<br/>Kenya Urban Roads Authority<br/>Mazao Road, Off Airport South Road<br/>Barabara Plaza, Block D, Nairobi, Kenya</b></p> <p><b>Documentation</b> – Parts catalogue (Soft and Hard Copy), Repair manual (Soft and Hard Copy), Operations manual, Maintenance manual, and Warranty booklet in English version.</p>                                                                                  |
| <b>GCC 24.1</b> | The insurance coverage shall be as specified in the Incoterms.                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>GCC 25.1</b> | <p>Responsibility for transportation of the Goods shall be as specified in the Incoterms.</p> <p><i>“The Supplier is required under the Contract to transport the Goods to a specified place of final destination within the Purchaser’s Country, defined as the Project Site, transport to such place of destination in the Purchaser’s Country, including insurance and storage, as shall be specified in the Contract, shall be arranged by the Supplier, and related costs shall be included in the Contract Price”</i></p> |
| <b>GCC 26.1</b> | <p>The inspections and tests shall be:</p> <p><b>1. Inspection by the Inspection and Acceptance committee carried out once</b></p>                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>GCC 26.2</b> | <p>The Inspections and tests shall be conducted at:</p> <p><b>Kenya Urban Roads Authority<br/>Mazao Road, Off Airport South Road<br/>Barabara Plaza, Block D, Nairobi, Kenya</b></p>                                                                                                                                                                                                                                                                                                                                            |
| <b>GCC 27.1</b> | The liquidated damage shall be: <b>0.5% per week</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>GCC 27.1</b> | The maximum amount of liquidated damages shall be: <b>10 %</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>GCC 28.3</b> | <p>The period of validity of the Warranty shall be: <b>As specified in the technical specifications</b></p> <p>For purposes of the Warranty, the place(s) of final destination(s) shall be:</p> <p><b>Kenya Urban Roads Authority<br/>Mazao Road, Off Airport South Road<br/>Barabara Plaza, Block D, Nairobi, Kenya</b></p>                                                                                                                                                                                                    |

|                       |                                                                                                                                                                                                                                                         |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| GCC 28.5,<br>GCC 28.6 | The period for repair or replacement shall be: <b>14 days</b> .                                                                                                                                                                                         |
| GCC 33.4              | If the value engineering proposal is approved by the Purchaser the amount to be paid to the Supplier shall be ____% (insert appropriate percentage. The percentage is normally up to 50%) of the reduction in the Contract Price. <b>Not Applicable</b> |

**Attachment: Price Adjustment Formula**

If in accordance with GCC 15.1, prices shall be adjustable, the following method shall be used to calculate the price adjustment:

- 15.1 Prices payable to the Supplier, as stated in the Contract, shall be subject to adjustment during performance of the Contract to reflect changes in the cost of labor and material components in accordance with the formula:

$$P_1 = P_0 \left[ a + \frac{bL_1}{L_0} + \frac{cM_1}{M_0} \right] - P_0$$

$$a+b+c = 1$$

in which:

- $P_1$  = adjustment amount payable to the Supplier.
- $P_0$  = Contract Price (base price).
- $a$  = fixed element representing profits and overheads included in the Contract Price and generally in the range of five (5) to fifteen (15) percent.
- $b$  = estimated percentage of labor component in the Contract Price.
- $c$  = estimated percentage of material component in the Contract Price.
- $L_0, L_1$  = \*labor indices applicable to the appropriate industry in the country of origin on the base date and date for adjustment, respectively.
- $M_0, M_1$  = \*material indices for the major raw material on the base date and date for adjustment, respectively, in the country of origin.

The Bidder shall indicate the source of the indices, and the source of exchange rate (if applicable) and the base date indices in its Bid.

The coefficients  $a$ ,  $b$ , and  $c$  as specified by the Purchaser are as follows:

- $a = [\text{insert value of coefficient}]$
- $b = [\text{insert value of coefficient}]$
- $c = [\text{insert value of coefficient}]$

Base date = thirty (30) days prior to the deadline for submission of the Bids.

Date of adjustment =  $[\text{insert number of weeks}]$  weeks prior to date of shipment (representing the mid-point of the period of manufacture).

The above price adjustment formula shall be invoked by either party subject to the following further conditions:

- (a) No price adjustment shall be allowed beyond the original delivery dates. As a rule, no price adjustment shall be allowed for periods of delay for which the Supplier is

entirely responsible. The Purchaser will, however, be entitled to any decrease in the prices of the Goods and Services subject to adjustment.

- (b) If the currency in which the Contract Price  $P_0$  is expressed is different from the currency of origin of the labor and material indices, a correction factor will be applied to avoid incorrect adjustments of the Contract Price. The correction factor shall be:  $Z_0 / Z_1$ , where,

$Z_0$  = the number of units of currency of the origin of the indices which equal to one unit of the currency of the Contract Price  $P_0$  on the Base date,  
and

$Z_1$  = the number of units of currency of the origin of the indices which equal to one unit of the currency of the Contract Price  $P_0$  on the Date of Adjustment.

- (c) No price adjustment shall be payable on the portion of the Contract Price paid to the Supplier as advance payment.

# Section X - Contract Forms

## Table of Forms

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## Notification of Intention to Award

***[This Notification of Intention to Award shall be sent to each Bidder that submitted a Bid.]***

***[Send this Notification to the Bidder's Authorized Representative named in the Bidder Information Form]***

For the attention of Bidder's Authorized Representative

Name: *[insert Authorized Representative's name]*

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

Telephone/Fax 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 Bidders. The Notification must be sent to all Bidders 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)

### Notification of Intention to Award

**Purchaser:** *[insert the name of the Purchaser]*

**Project:** *[insert name of project]*

**Contract title:** *[insert the name of the contract]*

**Country:** *[insert country where RFB is issued]*

**Loan No. /Credit No. / Grant No.:** *[insert reference number for loan/credit/grant]*

**RFB No:** *[insert RFB 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 Bid, and/or
- b) submit a Procurement-related Complaint in relation to the decision to award the contract.

### 1. The successful Bidder

|                        |                                                      |
|------------------------|------------------------------------------------------|
| <b>Name:</b>           | <i>[insert name of successful Bidder]</i>            |
| <b>Address:</b>        | <i>[insert address of the successful Bidder]</i>     |
| <b>Contract price:</b> | <i>[insert contract price of the successful Bid]</i> |

- 2. Other Bidders** ***[INSTRUCTIONS: insert names of all Bidders that submitted a Bid. If the Bid's price was evaluated include the evaluated price as well as the Bid price as read out.]***

| Name of Bidder | Bid price          | Evaluated Bid price<br>(if applicable) |
|----------------|--------------------|----------------------------------------|
| [insert name]  | [insert Bid price] | [insert evaluated price]               |
| [insert name]  | [insert Bid price] | [insert evaluated price]               |
| [insert name]  | [insert Bid price] | [insert evaluated price]               |
| [insert name]  | [insert Bid price] | [insert evaluated price]               |
| [insert name]  | [insert Bid price] | [insert evaluated price]               |

### 3. Reason/s why your Bid was unsuccessful

***[INSTRUCTIONS: State the reason/s why this Bidder's Bid was unsuccessful. Do NOT include: (a) a point by point comparison with another Bidder's Bid or (b) information that is marked confidential by the Bidder in its Bid.]***

### 4. 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 Bid. 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 Bidder, 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 Purchaser]

**Email address:** [insert email address]

**Fax number:** [insert fax number] ***delete if not used***

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.

## 5. How to make a complaint

**Period: Procurement-related Complaint challenging the decision to award shall be submitted by midnight, *[insert date]* (local time).**

Provide the contract name, reference number, name of the Bidder, 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 Purchaser]*

**Email address:** *[insert email address]*

**Fax number:** *[insert fax number]* ***delete if not used***

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.

### Further information:

For more information see the Procurement Regulations for IPF Borrowers (Procurement Regulations) [<https://policies.worldbank.org/sites/ppf3/PPFDocuments/Forms/DispPage.aspx?docid=4005>] (Annex III). You should read these provisions before preparing and submitting your complaint. In addition, the World Bank's Guidance "How to make a Procurement-related Complaint" [<http://www.worldbank.org/en/projects-operations/products-and-services/brief/procurement-new-framework#framework>] provides a useful explanation of the process, as well as a sample letter of complaint.

In summary, there are four essential requirements:

1. You must be an 'interested party'. In this case, that means a Bidder who submitted a Bid in this bidding 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 by the Procurement Regulations (as described in Annex III).

**6. 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 do not hesitate to contact us.

On behalf of the Purchaser:

**Signature:** \_\_\_\_\_

**Name:** \_\_\_\_\_

**Title/position:** \_\_\_\_\_

**Telephone:** \_\_\_\_\_

**Email:** \_\_\_\_\_

## Beneficial Ownership Disclosure Form

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

*This Beneficial Ownership Disclosure Form (“Form”) is to be completed by the successful Bidder. In case of joint venture, the Bidder 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 Bidder is any natural person who ultimately owns or controls the Bidder by 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 Bidder*

**RFB No.:** [insert number of RFB process]

**Request for Bid No.:** [insert identification]

**To:** [insert complete name of Purchaser]

In response to your request in the Letter of Acceptance dated [insert date of letter of Acceptance] to furnish additional information on beneficial ownership: [select one option as applicable and delete the options that are not applicable]

(i) we hereby provide the following beneficial ownership information.

### Details of beneficial ownership

| Identity of Beneficial Owner                                                 | Directly or indirectly holding 25% or more of the shares<br>(Yes / No) | Directly or indirectly holding 25 % or more of the Voting Rights<br>(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 Bidder<br>(Yes / No) |
|------------------------------------------------------------------------------|------------------------------------------------------------------------|--------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| [include full name (last, middle, first), nationality, country of residence] |                                                                        |                                                                                |                                                                                                                                                         |

**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 Bidder

**OR**

(iii) *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 Bidder 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 Bidder]

**Name of the Bidder:** \*[insert complete name of the Bidder]

**Name of the person duly authorized to sign the Bid on behalf of the Bidder:** \*\*[insert complete name of person duly authorized to sign the Bid]

**Title of the person signing the Bid:** [insert complete title of the person signing the Bid]

**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]

\* In the case of the Bid submitted by a Joint Venture specify the name of the Joint Venture as Bidder. In the event that the Bidder is a joint venture, each reference to “Bidder” in the Beneficial Ownership Disclosure Form (including this Introduction thereto) shall be read to refer to the joint venture member.

\*\* Person signing the Bid shall have the power of attorney given by the Bidder. The power of attorney shall be attached with the Bid Schedules.

## Letter of Acceptance

*[use letterhead paper of the Purchaser]*

*[date]*

To: *[name and address of the Supplier]*

Subject: **Notification of Award Contract No.** . . . . .

This is to notify you that your Bid dated ***[insert date]*** for execution of the ***[insert name of the contract and identification number, as given in the SCC]*** for the Accepted Contract Amount of ***[insert amount in numbers and words and name of currency]***, as corrected and modified in accordance with the Instructions to Bidders is hereby accepted by our Agency.

You are requested to furnish (i) the Performance Security within 28 days in accordance with the Conditions of Contract, using for that purpose one of the Performance Security Forms and (ii) the additional information on beneficial ownership in accordance with BDS ITB 45.1 within eight (8) Business days using the Beneficial Ownership Disclosure Form, included in Section X, - Contract Forms, of the Bidding Document.

Authorized Signature: \_\_\_\_\_

Name and Title of Signatory: \_\_\_\_\_

Name of Agency: \_\_\_\_\_

**Attachment: Contract Agreement**

## Contract Agreement

*[The successful Bidder shall fill in this form in accordance with the instructions indicated]*

THIS AGREEMENT made

the *[insert: **number**]* day of *[insert: **month**]*, *[insert: **year**]*.

BETWEEN

- (1) *[insert complete name of Purchaser]*, a *[insert description of type of legal entity, for example, an agency of the Ministry of .... of the Government of {insert name of Country of Purchaser}, or corporation incorporated under the laws of {insert name of Country of Purchaser}]* and having its principal place of business at *[insert address of Purchaser]* (hereinafter called “the Purchaser”), of the one part, and
- (2) *[insert name of Supplier]*, a corporation incorporated under the laws of *[insert: country of Supplier]* and having its principal place of business at *[insert: address of Supplier]* (hereinafter called “the Supplier”), of the other part:

WHEREAS the Purchaser invited Bids for certain Goods and ancillary services, viz., *[insert brief description of Goods and Services]* and has accepted a Bid by the Supplier for the supply of those Goods and Services

The Purchaser and the Supplier agree as follows:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Contract documents referred to.
2. The following documents shall be deemed to form and be read and construed as part of this Agreement. This Agreement shall prevail over all other contract documents.
  - (a) the Letter of Acceptance
  - (b) the Letter of Bid
  - (c) the Addenda Nos. \_\_\_\_\_ (if any)
  - (d) Special Conditions of Contract
  - (e) General Conditions of Contract
  - (f) the Specification (including Schedule of Requirements and Technical Specifications)
  - (g) the completed Schedules (including Price Schedules)

- (h) any other document listed in GCC as forming part of the Contract
3. In consideration of the payments to be made by the Purchaser to the Supplier as specified in this Agreement, the Supplier hereby covenants with the Purchaser to provide the Goods and Services and to remedy defects therein in conformity in all respects with the provisions of the Contract.
  4. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the Goods and Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of *[insert the name of the Contract governing law country]* on the day, month and year indicated above.

For and on behalf of the Purchaser

Signed: *[insert signature]*  
in the capacity of *[insert title or other appropriate designation]*  
In the presence of *[insert identification of official witness]*

For and on behalf of the Supplier

Signed: *[insert signature of authorized representative(s) of the Supplier]*  
in the capacity of *[insert title or other appropriate designation]*  
in the presence of *[insert identification of official witness]*

## Performance Security

### (Bank Guarantee)

*[The bank, as requested by the successful Bidder, shall fill in this form in accordance with the instructions indicated]*

*[Guarantor letterhead or SWIFT identifier code]*

**Beneficiary:** *[insert name and Address of Purchaser]*

**Date:** *\_ [Insert date of issue]*

**PERFORMANCE GUARANTEE No.:** *[Insert guarantee reference number]*

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

We have been informed that *\_ [insert name of Supplier, which in the case of a joint venture shall be the name of the joint venture]* (hereinafter called "the Applicant") has entered into Contract No. *[insert reference number of the contract]* dated *[insert date]* with the Beneficiary, for the supply of *\_ [insert name of contract and brief description of Goods and related Services]* (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, a performance guarantee is required.

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 *[insert amount in figures]* (\_\_\_\_\_) *[insert amount in words]*,<sup>1</sup> 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.

This guarantee shall expire, no later than the .... Day of ....., 2...<sup>2</sup>, and any demand for payment under it must be received by us at this office indicated above on or before that date.

---

<sup>1</sup> The Guarantor shall insert an amount representing the percentage of the Accepted Contract Amount specified in the Letter of Acceptance, and denominated either in the currency (ies) of the Contract or a freely convertible currency acceptable to the Beneficiary.

<sup>2</sup> Insert the date twenty-eight days after the expected completion date as described in GC Clause 18.4. The Purchaser should note that in the event of an extension of this date for completion of the Contract, the Purchaser would need to request an extension of this guarantee from the Guarantor. Such request must be

This guarantee is subject to the Uniform Rules for Demand Guarantees (URDG) 2010 Revision, ICC Publication No. 758, except that the supporting statement under Article 15(a) is hereby excluded.

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[signature(s)]

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

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*in writing and must be made prior to the expiration date established in the guarantee. In preparing this guarantee, the Purchaser 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."*

## Performance Bond

By this Bond *[insert name of Principal]* as Principal (hereinafter called “the Supplier”) and *[insert name of Surety]* as Surety (hereinafter called “the Surety”), are held and firmly bound unto *[insert name of Purchaser]* as Obligee (hereinafter called “the Supplier”) in the amount of *[insert amount in words and figures]*, 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 Supplier and the Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS the Supplier has entered into a written Agreement with the Purchaser dated the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, for *[name of contract and brief description of Goods and related Services]* 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 hereinafter referred to as the Contract.

NOW, THEREFORE, the Condition of this Obligation is such that, if the Supplier 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 Supplier shall be, and declared by the Purchaser to be, in default under the Contract, the Purchaser having performed the Purchaser’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 Bid or Bids from qualified Bidders for submission to the Purchaser for completing the Contract in accordance with its terms and conditions, and upon determination by the Purchaser and the Surety of the lowest responsive Bidder, arrange for a Contract between such Bidder and Purchaser 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 Purchaser to Supplier under the Contract, less the amount properly paid by Purchaser to the Supplier; or
- (3) pay the Purchaser the amount required by Purchaser to complete the Contract in accordance with its terms and conditions up to a total not exceeding the amount of this Bond.

The Surety shall not be liable for a greater sum than the specified penalty of this Bond.

Any suit under this Bond must be instituted not later than twenty-eight (28) days following the date of completion of the Supplier's performance of its obligations under the Contract, including any warranty obligations.

No right of action shall accrue on this Bond to or for the use of any person or corporation other than the Purchaser named herein or the heirs, executors, administrators, successors, and assigns of the Purchaser.

In testimony whereof, the Supplier 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 \_\_\_\_\_

## Advance Payment Security Demand Guarantee

*[Guarantor letterhead or SWIFT identifier code]*

**Beneficiary:** *[Insert name and Address of Purchaser]*

**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]*

We have been informed that *[insert name of Supplier, which in the case of a joint venture shall be the name of the joint venture]* (hereinafter called "the Applicant") has entered into Contract No. *[insert reference number of the contract]* dated *[insert date]* with the Beneficiary, for the execution of *[insert name of contract and brief description of Goods and related Services]* (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, an advance payment in the sum *[insert amount in figures]* () *[insert amount in words]* is to be made against an advance payment guarantee.

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 *[insert amount in figures]* (\_\_\_\_) *[insert amount in words]*<sup>1</sup> 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:

- (d) has used the advance payment for purposes other than toward delivery of Goods;  
or
- (e) has failed to repay the advance payment in accordance with the Contract conditions, specifying the amount which the Applicant has failed to repay.

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<sup>1</sup> The Guarantor shall insert an amount representing the amount of the advance payment and denominated either in the currency(ies) of the advance payment as specified in the Contract, or in a freely convertible currency acceptable to the Purchaser.

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 *[insert number]* at *[insert name and address of Applicant's bank]*.

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, has been certified for payment, or on the *[insert day]* day of *[insert month]*, 2 *[insert year]*, whichever is earlier. Consequently, any demand for payment under this guarantee must be received by us at this office on or before that date.

This guarantee is subject to the Uniform Rules for Demand Guarantees (URDG) 2010 Revision, ICC Publication No.758, except that the supporting statement under Article 15(a) is hereby excluded.

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*[signature(s)]*

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