**ETHICS AND ANTI- CORRUPTION COMMISSION**



**TENDER DOCUMENT**

**FOR**

**PROCUREMENT OF UPGRADE AND ENHANCEMENT OF CISCO NETWORK & SECURITY EQUIPMENT AND SYSTEMS AND NETWORK ACCESS CONTROL SYSTEM.**

**TENDER NO. EACC/27/2020-2021**

**IFMIS NO.** 846147

**Deadline for Submission: 8TH February 2021 at 10.00 A.M**

**SITE VISIT DATE: ANY TIME ON TUESDAY 2ND February 2021 and WEDNESDAY 3RD FEBRUARY 2021 BETWEEN 9.00AM AND 3.00PM**

***INTEGRITY CENTRE***

***Valley Rd/Milimani Rd Junction***

***P.O Box 61130-00200, Nairobi, Kenya***

***Ethics and Anti-Corruption Commission
Tel. (020) 499 7000
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***Email:*** ***eacc@integrity.go.ke***

***SERIAL NO. ………….***

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| SECTION I | INVITATION TO TENDER |
| **ETHICS AND ANTI-CORRUPTION COMMISSION** |
| **P.O Box 61130-00200,** **Nairobi, Kenya** **Tel: 2717318/310722** **fax 254 (020) 2719757****Email:** supply-chain**@integrity.go.ke** | **INTEGRITY CENTRE****Valley Rd/jakaya kikwete Rd Junction** |

**Date: 28th January 2021**

|  |  |
| --- | --- |
| **RE:** | **TENDER NO. EACC/27/ 2020-2021: - PROCUREMENT OF UPGRADE AND ENHANCEMENT OF CISCO NETWORK & SECURITY EQUIPMENT AND SYSTEMS AND NETWORK ACCESS CONTROL SYSTEM**  |

The Ethics and Anti-Corruption Commission (EACC) invites sealed bids from eligible candidates for the referenced procurement.

Interested eligible candidates may obtain further information from and inspect the tender documents at the Supply Chain Management office, Ethics and Anti-Corruption Commission, ground Floor, **Integrity Centre** during normal working hours.

A complete set of tender documents may be downloaded from the Ethics and Anti-Corruption Commission’s websites: ***www.eacc.go.ke*** or IFMIS suppliers’ portal ***supplier.treasury.go.ke*** or Public Procurement Information Portal free of charge.

Prices quoted should be net inclusive of all taxes, must be in Kenya Shillings and shall remain valid for **(120) days** from the closing date of the tender.

Completed tender documents are to be submitted through **IFMIS** so as to reach:

**THE SECRETARY/CEO**

 **Ethics and Anti-Corruption Commission,**

 **P. O. Box 61130 - 00200**

 **NAIROBI**

So as to be received on or before **8th February 2021 at 10.00 A.M.**

Tenders must be accompanied by a tender Security of **Kes.540, 000.00** valid for 150 days from date of tender closure.

The system will automatically lock out at the time and date of tender closing indicated in the IFMIS portal.

There will be a mandatory site visit on **Tuesday 2ND February 2021 And Wednesday 3rd February 2021 Any Time Between 9.00am And 3.00pm**

**THE SECRETARY/CEO,**

**ETHICS AND ANTI-CORRUPTION COMMISSION**

# SECTION II - INSTRUCTIONS TO TENDERERS

## 2.1 Eligible Tenderers

* + 1. This Invitation for Tenders is open to all tenderers eligible as described in the Invitation to Tender. Successful tenderers shall complete the supply of goods by the intended completion date specified in the Schedule of Requirements Section VI.
		2. The procuring entity’s employees, committee members, board members and their relative (spouse and children) are not eligible to participate in the tender.
		3. Tenderers shall provide the qualification information statement that the tenderer (including all members of a joint venture and subcontractors) is not associated, or have been associated in the past, directly or indirectly, with a firm or any of its affiliates which have been engaged by the Procuring entity to provide consulting services for the preparation of the design, specifications, and other documents to be used for the procurement of the goods under this Invitation for tenders.
		4. Tenderers shall not be under a declaration of ineligibility for corrupt and fraudulent practices.

## 2.2 Eligible Goods

* + 1. All goods to be supplied under the contract shall have their origin in eligible source countries.
		2. For purposes of this clause, “origin” means the place where the goods are mined, grown, or produced. Goods are produced when, through manufacturing, processing, or substantial and major assembly of components, a commercially-recognized product results that is substantially different in basic characteristics or in purpose or utility from its components
		3. The origin of goods is distinct from the nationality of the tenderer.

## 2.3 Cost of Tendering

* + 1. The Tenderer shall bear all costs associated with the preparation and submission of its tender, and the procuring entity, will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the tendering process.
		2. The price to be charged for the tender document shall not exceed Kshs.1,000/=
		3. All firms found capable of performing the contract satisfactorily in accordance with the set prequalification criteria shall be prequalified.

## 2.4. The Tender Document

* + 1. The tender document comprises the documents listed below and addenda issued in accordance with clause 2.6 of these instructions to Tenderers
1. Invitation to Tender
2. Instructions to tenderers
3. General Conditions of Contract
4. Special Conditions of Contract
5. Schedule of requirements
6. Technical Specifications
7. Tender Form and Price Schedules
8. Tender Security Form
9. Contract Form
10. Performance Security Form
11. Bank Guarantee for Advance Payment Form
12. Manufacturer’s Authorization Form
13. Confidential Business Questionnaire
	* 1. The Tenderer is expected to examine all instructions, forms, terms, and specifications in the tender documents. Failure to furnish all information required by the tender documents or to submit a tender not substantially responsive to the tender documents in every respect will be at the tenderers risk and may result in the rejection of its tender.

## 2.5 Clarification of Documents

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

* + 1. The procuring entity shall reply to any clarifications sought by the tenderer within 3 days of receiving the request to enable the tenderer to make timely submission of its tender.

## 2.6 Amendment of Documents

* + 1. At any time prior to the deadline for submission of tenders, the Procuring entity, for any reason, whether at its own initiative or in response to a clarification requested by a prospective tenderer, may modify the tender documents by amendment.
		2. All prospective candidates that have received the tender documents will be notified of the amendment in writing or by post and will be binding on them.
		3. In order to allow prospective tenderers reasonable time in which to take the amendment into account in preparing their tenders, the Procuring entity, at its discretion, may extend the deadline for the submission of tenders.

## 2.7 Language of Tender

* + 1. The tender prepared by the tenderer, as well as all correspondence and documents relating to the tender exchange by the tenderer and the Procuring entity, shall be written in English language, provided that any printed literature furnished by the tenderer may be written in another language provided they are accompanied by an accurate English translation of the relevant passages in which case, for purposes of interpretation of the tender, the English translation shall govern.

## 2.8 Documents Comprising of Tender

* + 1. The tender prepared by the tenderers shall comprise the following components
	1. a Tender Form and a Price Schedule completed in accordance with paragraph 2.9, 2.10 and 2.11 below
	2. documentary evidence established in accordance with paragraph 2.1 that the tenderer is eligible to tender and is qualified to perform the contract if its tender is accepted;
	3. documentary evidence established in accordance with paragraph 2.2 that the goods and ancillary services to be supplied by the tenderer are eligible goods and services and conform to the tender documents; and
	4. tender security furnished in accordance with paragraph 2.14

## 2.9 Tender Forms

* + 1. The tenderer shall complete the Tender Form and the appropriate Price Schedule furnished in the tender documents, indicating the goods to be supplied, a brief description of the goods, their country of origin, quantity, and prices.

## 2.10 Tender Prices

* + 1. The tenderer shall indicate on the appropriate Price Schedule the unit prices and total tender price of the goods it proposes to supply under the contract
		2. Prices indicated on the Price Schedule shall include all costs including taxes, insurances and delivery to the premises of the entity.
		3. Prices quoted by the tenderer shall be fixed during the Tender’s performance of the contract and not subject to variation on any account. A tender submitted with an adjustable price quotation will be treated as non-responsive and will be rejected, pursuant to paragraph 2.22
		4. The validity period of the tender shall be 60 days from the date of opening of the tender.

## 2.11 Tender Currencies

* + 1. Prices shall be quoted in Kenya Shillings unless otherwise specified in the Appendix to Instructions to Tenderers.

## 2.12 Tenderers Eligibility and Qualifications

2.12.1Pursuant to paragraph 2.1. the tenderer shall furnish, as part of its tender, documents establishing the tenderers eligibility to tender and its qualifications to perform the contract if its tender is accepted.

2.12.2The documentary evidence of the tenderers eligibility to tender shall establish to the Procuring entity’s satisfaction that the tenderer, at the time of submission of its tender, is from an eligible source country as defined under paragraph 2.1

2.12.3The documentary evidence of the tenderers qualifications to perform the contract if its tender is accepted shall be established to the Procuring entity’s satisfaction;

1. that, in the case of a tenderer offering to supply goods under the contract which the tenderer did not manufacture or otherwise produce, the tenderer has been duly authorized by the goods’ Manufacturer or producer to supply the goods.
2. that the tenderer has the financial, technical, and production capability necessary to perform the contract;
3. that, in the case of a tenderer not doing business within Kenya, the tenderer is or will be (if awarded the contract) represented by an Agent in Kenya equipped, and able to carry out the Tenderer’s maintenance, repair, and spare parts-stocking obligations prescribed in the Conditions of Contract and/or Technical Specifications.

## 2.13 Goods Eligibility and Conformity to Tender Documents

* + 1. Pursuant to paragraph 2.2 of this section, the tenderer shall furnish, as part of its tender documents establishing the eligibility and conformity to the tender documents of all goods which the tenderer proposes to supply under the contract
		2. The documentary evidence of the eligibility of the goods shall consist of a statement in the Price Schedule of the country of origin of the goods and services offered which shall be confirmed by a certificate of origin issued at the time of shipment.
		3. The documentary evidence of conformity of the goods to the tender documents may be in the form of literature, drawings, and data, and shall consist of:
1. a detailed description of the essential technical and performance characteristic of the goods;
2. a list giving full particulars, including available source and current prices of spare parts, special tools, etc., necessary for the proper and continuing functioning of the goods for a period of two (2) years, following commencement of the use of the goods by the Procuring entity; and
3. A clause-by-clause commentary on the Procuring entity’s Technical Specifications demonstrating substantial responsiveness of the goods and service to those specifications, or a statement of deviations and exceptions to the provisions of the Technical Specifications.
	* 1. For purposes of the documentary evidence to be furnished pursuant to paragraph 2.13.3(c) above, the tenderer shall note that standards for workmanship, material, and equipment, as well as references to brand names or catalogue numbers designated by the Procurement entity in its Technical Specifications, are intended to be descriptive only and not restrictive. The tenderer may substitute alternative standards, brand names, and/or catalogue numbers in its tender, provided that it demonstrates to the Procurement entity’s satisfaction that the substitutions ensure substantial equivalence to those designated in the Technical Specifications.

## 2.14 Tender Security

* + 1. The tenderer shall furnish, as part of its tender, a tender security for the amount specified in the Appendix to Invitation to Tenderers.
		2. The tender security shall be in the amount of two (2) per cent of the tender price.
		3. The tender security is required to protect the Procuring entity against the risk of Tenderer’s conduct which would warrant the security’s forfeiture, pursuant to paragraph 2.14.7
		4. The tender security shall be denominated in Kenya Shillings or in another freely convertible currency, and shall be in the form of a bank guarantee or a bank draft issued by a reputable bank located in Kenya or abroad, or a guarantee issued by a reputable insurance company in the form provided in the tender documents or another form acceptable to the Procuring entity and valid for thirty (30) days beyond the validity of the tender.
		5. Any tender not secured in accordance with paragraph 2.14.1 and 2.14.3 will be rejected by the Procuring entity as non-responsive, pursuant to paragraph 2.22
		6. Unsuccessful Tenderer’s tender security will be discharged or returned as promptly as possible. But not later than thirty (30) days after the expiration of the period of tender validity prescribed by the Procuring entity.
		7. The successful Tenderer’s tender security will be discharged upon the tenderer signing the contract, pursuant to paragraph 2.27 and furnishing the performance security, pursuant to paragraph 2.28
		8. The tender security may be forfeited:
1. if a tenderer withdraws its tender during the period of tender validity specified by the procuring entity on the Tender Form; or
2. in the case of a successful tenderer, if the tenderer fails:
	1. to sign the contract in accordance with paragraph 2.27

Or

* 1. to furnish performance security in accordance with paragraph 2.28

## 2.15 Validity of Tenders

* + 1. Tenders shall remain valid for 120 days or as specified in the Invitation to tender after the date of tender opening prescribed by the Procuring entity, pursuant to paragraph 2.18. A tender valid for a shorter period shall be rejected by the Procuring entity as non-responsive.
		2. In exceptional circumstances, the Procuring entity may solicit the Tenderer’s consent to an extension of the period of validity. The request and the responses thereto shall be made in writing. The tender security provided under paragraph 2.14 shall also be suitably extended. A tenderer may refuse the request without forfeiting its tender security. A tenderer granting the request will not be required nor permitted to modify its tender.

## 2.16 Format and Signing of Tender

* + 1. The Procuring entity shall prepare two copies of the tender, clearly marking each “ORIGINAL TENDER” and “COPY OF TENDER,” as appropriate. In the event of any discrepancy between them, the original shall govern.
		2. The original and all copies of the tender shall be typed or written in indelible ink and shall be signed by the tenderer or a person or persons duly authorized to bind the tenderer to the contract. The latter authorization shall be indicated by written power-of-attorney accompanying the tender. All pages of the tender, except for unamended printed literature, shall be initialed by the person or persons signing the tender.
		3. The tender shall have no interlineations, erasures, or overwriting except as necessary to correct errors made by the tenderer, in which case such corrections shall be initialed by the person or persons signing the tender.

## 2.17 Sealing and Marking of Tenders

* + 1. The Tenderer shall seal the original and each copy of the tender in separate envelopes, duly marking the envelopes as “ORIGINAL” and “COPY.” The envelopes shall then be sealed in an outer envelope.
		2. The inner and outer envelopes shall:

(a) Be addressed to the Procuring entity at the address given in the Invitation to Tender:

1. Bear, tender number and name in the Invitation for Tenders and the words, “DO NOT OPEN BEFORE,” **the time indicated in the Appendix to Instructions to Tenderers**
2. The inner envelopes shall also indicate the name and address of the tenderer to enable the tender to be returned unopened in case it is declared “late”.
	* 1. If the outer envelope is not sealed and marked as required by paragraph 2.17.2, the Procuring entity will assume no responsibility for the tender’s misplacement or premature opening.

## 2.18 Deadline for Submission of Tenders

* + 1. Tenders must be received by the Procuring entity at the address specified under paragraph 2.17.2 no later than **the time indicated in the Appendix to Instructions to Tenderers**
		2. The Procuring entity may, at its discretion, extend this deadline for the submission of tenders by amending the tender documents in accordance with paragraph 2.6, in which case all rights and obligations of the Procuring entity and candidates previously subject to the deadline will therefore be subject to the deadline as extended

## 2.19 Modification and Withdrawal of Tenders

* + 1. The tenderer may modify or withdraw its tender after the tender’s submission, provided that written notice of the modification, including substitution or withdrawal of the tenders, is received by the Procuring Entity prior to the deadline prescribed for submission of tenders.
		2. The Tenderer’s modification or withdrawal notice shall be prepared, sealed, marked, and dispatched in accordance with the provisions of paragraph 2.17. A withdrawal notice may also be sent by cable, telex but followed by a signed confirmation copy, postmarked not later than the deadline for submission of tenders.
		3. No tender may be modified after the deadline for submission of tenders.
		4. No tender may be withdrawn in the interval between the deadline for submission of tenders and the expiration of the period of tender validity specified by the tenderer on the Tender Form. Withdrawal of a tender during this interval may result in the Tenderer’s forfeiture of its tender security, pursuant to paragraph 2.14.7
		5. The procuring entity may at any time terminate procurement proceedings before contract award and shall not be liable to any person for the termination.
		6. The procuring entity shall give prompt notice of the termination to the tenderers and on request give its reasons for termination within 14 days of receiving the request from any tenderer.

## 2.20 Opening of Tenders

* + 1. The Procuring entity will open all tenders in the presence of tenderers’ representatives who choose to attend, and in the location specified in the Invitation to Tender.
	1. The tenderers’ representatives who are present shall sign a register evidencing their attendance.
		1. The tenderers’ names, tender modifications or withdrawals, tender prices, discounts and the presence or absence of requisite tender security and such other details as the Procuring entity, at its discretion, may consider appropriate, will be announced at the opening.
		2. The Procuring entity will prepare minutes of the tender opening.

## 2.21 Clarification of Tenders

* + 1. To assist in the examination, evaluation and comparison of tenders the Procuring entity may, at its discretion, ask the tenderer for a clarification of its tender. The request for clarification and the response shall be in writing, and no change in the prices or substance of the tender shall be sought, offered, or permitted.
		2. Any effort by the tenderer to influence the Procuring entity in the Procuring entity’s tender evaluation, tender comparison or contract award decisions may result in the rejection of the tenderers’ tender.

## 2.22 Preliminary Examination

* + 1. The Procuring entity will examine the tenders to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed, and whether the tenders are generally in order.
		2. Arithmetical errors will be rectified on the following basis. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantify, the unit price shall prevail, and the total price shall be corrected. If the candidate does not accept the correction of the errors, its tender will be rejected, and its tender security forfeited. If there is a discrepancy between words and figures the amount in words will prevail
		3. The Procuring entity may waive any minor informality or non-conformity or irregularity in a tender which does not constitute a material deviation, provided such waiver does not prejudice or effect the relative ranking of any tenderer.
		4. Prior to the detailed evaluation, pursuant to paragraph 2.23 the Procuring entity will determine the substantial responsiveness of each tender to the tender documents. For purposes of these paragraphs, a substantially responsive tender is one, which conforms to all the terms and conditions of the tender documents without material deviations. The Procuring entity’s determination of a tender’s responsiveness is to be based on the contents of the tender itself without recourse to extrinsic evidence.
		5. If a tender is not substantially responsive, it will be rejected by the Procuring entity and may not subsequently be made responsive by the tenderer by correction of the non-conformity.

## 2.23 Conversion to Single Currency

* + 1. Where other currencies are used, the procuring entity will convert these currencies to Kenya Shillings using the selling exchange rate on the time of tender closing provided by the Central Bank of Kenya.

## 2.24 Evaluation and Comparison of Tenders

* + 1. The Procuring entity will evaluate and compare the tenders which have been determined to be substantially responsive, pursuant to paragraph 2.22
		2. The tender evaluation committee shall evaluate the tender within 30 days of the validity period from the date of opening the tender.
		3. A tenderer who gives false information in the tender document about its qualification or who refuses to enter into a contract after notification of contract award shall be considered for debarment from participating in future public procurement.

## 2.25 Preference

* + 1. Preference where allowed in the evaluation of tenders shall not exceed 15%

## Contacting the Procuring entity

* + 1. Subject to paragraph 2.21 no tenderer shall contact the Procuring entity on any matter related to its tender, from the time of the tender opening to the time the contract is awarded.
		2. Any effort by a tenderer to influence the Procuring entity in its decisions on tender, evaluation, tender comparison, or contract award may result in the rejection of the Tenderer’s tender.

## Award of Contract

### Post-qualification

* + 1. In the absence of pre-qualification, the Procuring entity will determine to its satisfaction whether the tenderer that is selected as having submitted the lowest evaluated responsive tender is qualified to perform the contract satisfactorily.
		2. The determination will take into account the tenderer financial, technical, and production capabilities. It will be based upon an examination of the documentary evidence of the tenderers qualifications submitted by the tenderer, pursuant to paragraph 2.12.3 as well as such other information as the Procuring entity deems necessary and appropriate.
		3. An affirmative determination will be a prerequisite for award of the contract to the tenderer. A negative determination will result in rejection of the Tenderer’s tender, in which event the Procuring entity will proceed to the next lowest evaluated tender to make a similar determination of that Tenderer’s capabilities to perform satisfactorily.

### (b) Award Criteria

* + 1. The Procuring entity will award the contract to the successful tenderer(s) whose tender has been determined to be substantially responsive and has been determined to be the lowest evaluated tender, provided further that the tenderer is determined to be qualified to perform the contract satisfactorily.

### (c) Procuring entity’s Right to Vary quantities

* + 1. The Procuring entity reserves the right at the time of contract award to increase or decrease the quantity of goods originally specified in the Schedule of requirements without any change in unit price or other terms and conditions

### (d) Procuring entity’s Right to accept or Reject any or All Tenders

* + 1. The Procuring entity reserves the right to accept or reject any tender, and to annul the tendering process and reject all tenders at any time prior to contract award, without thereby incurring any liability to the affected tenderer or tenderers or any obligation to inform the affected tenderer or tenderers of the grounds for the Procuring entity’s action

## 2.28 Notification of Award

* + 1. Prior to the expiration of the period of tender validity, the Procuring entity will notify the successful tenderer in writing that its tender has been accepted.
		2. The notification of award will constitute the formation of the Contract but will have to wait until the contract is finally signed by both parties
		3. Upon the successful Tenderer’s furnishing of the performance security pursuant to paragraph 2.28, the Procuring entity will promptly notify each unsuccessful Tenderer and will discharge its tender security, pursuant to paragraph 2.14

## 2.29 Signing of Contract

* + 1. At the same time as the Procuring entity notifies the successful tenderer that its tender has been accepted, the Procuring entity will send the tenderer the Contract Form provided in the tender documents, incorporating all agreements between the parties.
		2. The parties to the contract shall have it signed within 30 days from the date of notification of contract award unless there is an administrative review request.
		3. Within thirty (30) days of receipt of the Contract Form, the successful tenderer shall sign and date the contract and return it to the Procuring entity.

## 2.30 Performance Security

* + 1. Within Thirty (30) days of the receipt of notification of award from the Procuring entity, the successful tenderer shall furnish the performance security in accordance with the Conditions of Contract, in the Performance Security Form provided in the tender documents, or in another form acceptable to the Procuring entity.
		2. Failure of the successful tenderer to comply with the requirements of paragraph 2.27 or paragraph 2.28 shall constitute sufficient grounds for the annulment of the award and forfeiture of the tender security, in which event the Procuring entity may make the award to the next lowest evaluated Candidate or call for new tenders.

## 2.31 Corrupt or Fraudulent Practices

* + 1. The Procuring entity requires that tenderers observe the highest standard of ethics during the procurement process and execution of contracts when used in the present regulations, the following terms are defined as follows;
1. “corrupt practice” means the offering, giving, receiving, or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution; and
2. “fraudulent practice” means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Procuring entity, and includes collusive practice among tenderer (prior to or after tender submission) designed to establish tender prices at artificial non-competitive levels and to deprive the Procuring entity of the benefits of free and open competition;
	* 1. The procuring entity will reject a proposal for award if it determines that the tenderer recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question.
		2. Further a tenderer who is found to have indulged in corrupt or fraudulent practices risks being debarred from participating in public procurement in Kenya.

# Appendix to Instructions to Tenderers

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

|  |  |
| --- | --- |
| **Instructions to tenderers**  | **Particulars of appendix to instructions to tenderers** |
| 2.1 | Particulars of eligible tenders: Open to all eligible candidates**.** |
| 2.2 | The goods or services must comply to the specifications or terms of reference.  |
| 2.3 | Price to be charged for tender documents-NIL**The document to be downloaded from the website.** |
| 2.11 | Particulars of other currencies allowed. **None** |
| 2.12 | Particulars of eligibility and qualifications documents of evidence required. Copies of: of all documents requested at the preliminary and technical evaluation stages. |
| 2.12.2 | Particulars of tender security if applicable. Tender Securityfor **Kes 540,000** in either a Bank guarantee or Insurance Form. |
| 2.13 | Validity of Tenders: **Tenders Shall remain valid for 120 days**  |
| 2.16.3 | Submit through **IFMIS** |
| 2.17.1 | The inner and outer envelopes shall:* + 1. Be addressed to the Procuring entity at the address given in the Invitation to Tender:
		2. Bear, tender number and name in the Invitation for Tenders and the words, “DO NOT OPEN BEFORE,” **8th February, 2021 at 10.00 A.M**
 |
| 2.18.1 | **Deadline for Submission of Tenders** Tenders must be received by the Procuring entity at the address specified under paragraph 2.17.2 no later than 8th February, 2021 at 10.00 A.M |
| 2.20 | **Opening of Tenders** The Procuring entity will open all tenders in the IFMIS  |
| 2.22 | **Evaluation Criteria**The following requirements must be met by the tenderer not withstanding other requirements in the tender documents: -1. **Mandatory Requirements (MR)**

|  |  |  |
| --- | --- | --- |
| **No.** | **Requirements** | **Responsive or Not Responsive** |
| MR1 | Must Submit a copy of certificate of Registration/Incorporation |  |
| MR2 | Must submit CR12 obtained from Jan 2020 and onwards from Registrar of Companies as applicable |  |
| MR3 | Must submit a valid Tax Compliance Certificate from KRA |  |
| MR4 | Must submit a valid Trade License. |  |
| MR5 | Must Fill the Price Schedule in the **format provided**.  |  |
| MR6 | Must Fill the Form of Tender in the Format provided |  |
| MR7 | Must Upload Tender Security of **Kes.540,000**/= from a reputable Bank in IFIMIS valid for 150 days from the tender closing date. The original copy of the tender security **MUST** be dropped in the tender box at Integrity Centre, Ground Floor. |  |
| MR8 | Must submit a dully filled up self-declaration form in format provided |  |
| MR9 | Must submit **a duly filled up Confidential Business Questionnaire in** format provided |  |
| MR 10 | MUST possess a minimum of Premier Cisco Certified Partnership with following specializations:* 1. Advance Enterprise Networks Architecture
	2. Advanced Security Architecture
	3. Advanced Customer Experience
 |  |
| MR 11 | Must attend site survey and sign attendance register |  |
| MR12 | Must submit all documents/responses for this tender through IFMIS at Technical Stage attached on **“From Supplier: Technical”** preferably in continuous scan |  |
| Note that all the above documents must be attached as “ from supplier technical” in the IFMIS |

**At this stage, the tenderer’s submission will either be responsive in all the mandatory (MR) requirements above or non-responsive. The non-responsive submissions will be eliminated from the entire evaluation process and will not be considered further.** |

|  |  |
| --- | --- |
| **Instructions to tenderers**  | **Particulars of appendix to instructions to tenderers** |
|  | 1. **Technical Scores (T.S.)**

The maximum score under overall technical evaluation is 100 and Bidders must score at least 75 under this overall technical evaluation to proceed to the next stage (Financial Evaluation). Bidders MUST respond to ALL the requirements on a clause-by-clause basis stating clearly how their solution meets the requirements. Responses to compliance to technical specifications in any other way other than clause by clause will be treated as NON-RESPONSIVE.This section (Technical Evaluation) will carry a total of 100% of the whole evaluation

| **No.** | **Evaluation Attribute** | **Weighting Score** | **Max. Score** |
| --- | --- | --- | --- |
| T.S.1 | Number of years in Supply, installation and configuration of Network and security equipment.  | * 5 years and above (5 marks)
* Below 5 years, prorated-

Number of years x 55 | 5 |
| T.S.2 | Provide LPOs or Contracts where the company has done similar installations and configurations of at least three (3) institutions comparable with the Commission in terms of size and ICT networks requirements in the last 3 years i.e 2018, 219 and 2020. | * 3 or more LPOs/Contracts (15 marks)
* Below 3 prorated at:

No’ of LPOs x 153 | 15 |
| T.S.3 | Minimum time required to deliver the items after an LPO is issued. (Please note that this will be used in performance evaluation for the successful bidder) | * 28 days and below – 10 marks

Others prorated up to a maximum of 40 days as below:29 days-34 days-8 mks35days-40 days-5 marksOver 40 days-0 marks | 10 |
| T.S.4 | Physical Facilities* Provide details of physical address and contacts – attach evidence of either title deed, lease or utility bills
 | * Details of physical address and contacts with copy of title or lease documents or latest utility bill – 5marks
* Not provided – 0 mark
 | 5 |
| T.S.5 | Bidders MUST provide evidence of available skillset to undertake the required installations and configurations that should include**-**Project management certification**-**Cisco network design and administration certification i.e CCNA, CCNP, CCIE**-**Cisco security systems design and administration certification i.e CCNP security, CCIE security | 5mks for each provided (at least one person in each skill set)If not – 0marks  | 15 |
| T.S 6 | Bidders shall submit Audited Financial Statements for the last two (2) years i.e 2018 and 2019 or 2019 and 2020 if the 2020 statements are ready to demonstrate that the bidder has annual turnover of not less than **Kes.30,000,000** per year | Financial Statements provided-10 marksNot Provided-0 mks | 10 |
| T. S 7 | **Compliance to specifications** | The supplier meeting the required item requirements /specifications-40mks-If not meeting specifications-0marks(**Bidders must meet all the technical requirements in Section V**).  | 40 |
| Note that all the above documents must be attached as “ from supplier technical” in the IFMIS |

NOTE: SPECIFICATIONS PROVIDED IN THE SCHEDULE OF TECHNICAL SPECIFICATIONS  |
|  | **Only bidders who score 75% and above will be subjected to financial evaluation. Those who score below 75% will be eliminated at this stage from the entire evaluation process and will not be considered further.****Financial Evaluation**The bidder with the lowest financial cost shall be recommended for award of this Tender provided they have met all the mandatory requirements and score at least **75 marks** in the Overall Technical requirements |

|  |  |
| --- | --- |
| **Instructions to tenderers**  | **Particulars of appendix to instructions to tenderers** |
| 2.24 | Particulars of post – qualification if applicable.**EACC** will verify the accuracy of statements provided by bidders regarding their qualification as required by the bidding documents after evaluation and recommendation of the contract award but before the contract is awardedFurther EACC may verify:-* + 1. Technical competence and resources, including the availability of sufficient manpower, the qualifications and experience of key personnel or managers, available equipment, manufacturing or facilities;
		2. Available capacities to perform the proposed contract including available manufacturing or production capacity taking into account other commitments or manufacturer’s authorizations to supply;
		3. Financial position, including financial soundness, sufficient turnover or sufficient cash flow;
		4. Experience and satisfactory performance of similar contracts, taking into account relevant factors, including similar or comparable references and litigation record.

**EACC may inspect the premises and /or check the accuracy of any or all information provided by the bidder before awarding a contract.** |
| 2.27 | Award Criteria: **Award will be made to the lowest evaluated bidder for both servers.** |
| 3.7.1 | Particulars of post – Performance security 10%  |
| Other’s as necessary | Complete as necessary. **None** |

# SECTION III - GENERAL CONDITIONS OF CONTRACT

## Definitions

* + 1. In this Contract, the following terms shall be interpreted as indicated:-
1. “The Contract” means the agreement entered into between the Procuring entity and the tenderer, as recorded in the Contract Form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.
2. “The Contract Price” means the price payable to the tenderer under the Contract for the full and proper performance of its contractual obligations
3. “The Goods” means all of the equipment, machinery, and/or other materials, which the tenderer is required to supply to the Procuring entity under the Contract.
4. “The Procuring entity” means the organization purchasing the Goods under this Contract.
5. “The Tenderer’ means the individual or firm supplying the Goods under this Contract.

## Application

* + 1. These General Conditions shall apply in all Contracts made by the Procuring entity for the procurement installation and commissioning of equipment

## Country of Origin

* + 1. For purposes of this clause, “Origin” means the place where the Goods were mined, grown or produced.
		2. The origin of Goods and Services is distinct from the nationality of the tenderer.

## Standards

* + 1. The Goods supplied under this Contract shall conform to the standards mentioned in the Technical Specifications.

## Use of Contract Documents and Information

* + 1. The tenderer shall not, without the Procuring entity’s prior written consent, disclose the Contract, or any provision therefore, or any specification, plan, drawing, pattern, sample, or information furnished by or on behalf of the Procuring entity in connection therewith, to any person other than a person employed by the tenderer in the performance of the Contract.
		2. The tenderer shall not, without the Procuring entity’s prior written consent, make use of any document or information enumerated in paragraph 3.5.1 above
		3. Any document, other than the Contract itself, enumerated in paragraph 3.5.1 shall remain the property of the Procuring entity and shall be returned (all copies) to the Procuring entity on completion of the Tenderer’s performance under the Contract if so required by the Procuring entity

## Patent Rights

* + 1. The tenderer shall indemnify the Procuring entity against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof in the Procuring entity’s country

## Performance Security

* + 1. Within thirty (30) days of receipt of the notification of Contract award, the successful tenderer shall furnish to the Procuring entity the performance security in the amount specified in Special Conditions of Contract.
		2. The proceeds of the performance security shall be payable to the Procuring entity as compensation for any loss resulting from the Tenderer’s failure to complete its obligations under the Contract.
		3. The performance security shall be denominated in the currency of the Contract, or in a freely convertible currency acceptable to the Procuring entity and shall be in the form of a bank guarantee or an irrevocable letter of credit issued by a reputable bank located in Kenya or abroad, acceptable to the Procuring entity, in the form provided in the tender documents.
		4. The performance security will be discharged by the Procuring entity and returned to the Candidate not later than thirty (30) days following the date of completion of the Tenderer’s performance obligations under the Contract, including any warranty obligations, under the Contract

## Inspection and Tests

* + 1. The Procuring entity or its representative shall have the right to inspect and/or to test the goods to confirm their conformity to the Contract specifications. The Procuring entity shall notify the tenderer in writing in a timely manner, of the identity of any representatives retained for these purposes.
		2. The inspections and tests may be conducted in the premises of the tenderer or its subcontractor(s), at point of delivery, and/or at the Goods’ final destination If conducted on the premises of the tenderer or its subcontractor(s), all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Procuring entity.
		3. Should any inspected or tested goods fail to conform to the Specifications, the Procuring entity may reject the equipment, and the tenderer shall either replace the rejected equipment or make alterations necessary to make specification requirements free of costs to the Procuring entity.
		4. The Procuring entity’s right to inspect, test and where necessary, reject the goods after the Goods’ arrival shall in no way be limited or waived by reason of the equipment having previously been inspected, tested and passed by the Procuring entity or its representative prior to the equipment delivery.
		5. Nothing in paragraph 3.8 shall in any way release the tenderer from any warranty or other obligations under this Contract.

## Packing

* + 1. The tenderer shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract.
		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

## Delivery and Documents

* + 1. Delivery of the Goods shall be made by the tenderer in accordance with the terms specified by Procuring entity in its Schedule of Requirements and the Special Conditions of Contract

## Insurance

* + 1. The Goods supplied under the Contract shall be fully insured against loss or damage incidental to manufacturer or acquisition, transportation, storage, and delivery in the manner specified in the Special conditions of contract.

## Payment

* + 1. The method and conditions of payment to be made to the tenderer under this Contract shall be specified in Special Conditions of Contract
		2. Payments shall be made promptly by the Procuring entity as specified in the contract

## Prices

* + 1. Prices charged by the tenderer for goods delivered and services performed under the Contract shall not, with the exception of any price adjustments authorized in Special Conditions of Contract, vary from the prices by the tenderer in its tender.
		2. 3.31.2 Contract price variations shall not be allowed for contracts not exceeding one year (12 months)
		3. Where contract price variation is allowed, the variation shall not exceed 10% of the original contract price.
		4. Price variation request shall be processed by the procuring entity within 30 days of receiving the request.

## Assignment

* + 1. The tenderer shall not assign, in whole or in part, its obligations to perform under this Contract, except with the Procuring entity’s prior written consent

## Subcontracts

* + 1. The tenderer shall notify the Procuring entity in writing of all subcontracts awarded under this Contract if not already specified in the tender. Such notification, in the original tender or later, shall not relieve the tenderer from any liability or obligation under the Contract

## Termination for default

* + 1. The Procuring entity may, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the tenderer, terminate this Contract in whole or in part
	1. if the tenderer fails to deliver any or all of the goods within the period(s) specified in the Contract, or within any extension thereof granted by the Procuring entity
	2. if the tenderer fails to perform any other obligation(s) under the Contract
	3. if the tenderer, in the judgment of the Procuring entity has engaged in corrupt or fraudulent practices in competing for or in executing the Contract
		1. In the event the Procuring entity terminates the Contract in whole or in part, it may procure, upon such terms and in such manner as it deems appropriate, equipment similar to those undelivered, and the tenderer shall be liable to the Procuring entity for any excess costs for such similar goods.

## Liquidated Damages

* + 1. If the tenderer fails to deliver any or all of the goods within the period(s) specified in the contract, the procuring entity shall, without prejudice to its other remedies under the contract, deduct from the contract prices liquidated damages sum equivalent to 0.5% of the delivered price of the delayed items up to a maximum deduction of 10% of the delayed goods. After this the tenderer may consider termination of the contract.

## Resolution of Disputes

* + 1. The procuring entity and the tenderer shall make every effort to resolve amicably by direct informal negotiation and disagreement or dispute arising between them under or in connection with the contract
		2. If, after thirty (30) days from the commencement of such informal negotiations both parties have been unable to resolve amicably a contract dispute, either party may require adjudication in an agreed national or international forum, and/or international arbitration.

## Language and Law

* + 1. The language of the contract and the law governing the contract shall be English language and the Laws of Kenya respectively unless otherwise stated.

## Force Majeure

* + 1. The tenderer shall not be liable for forfeiture of its performance security or termination for default if and to the extent that it’s delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

# SECTION IV - SPECIAL CONDITIONS OF CONTRACT

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

42. Special conditions of contract as relates to the GCC

|  |  |
| --- | --- |
| **REFERENCE OF GCC** | **SPECIAL CONDITIONS OF CONTRACT** |
| 3.12.1 | *Indicate terms of payment* ***Payments will be made within 30 days upon provision of acceptable service and invoice.*** |
| 3.18.1 | *Indicate resolutions of disputes****Arbitration as provided in the laws of Kenya***  |
| 3.7.3 | Performance security of 10% of the bid sum in form of a bank guarantee  |

# SECTION V - TECHNICAL SPECIFICATIONS

**5.1 General**

* + 1. These specifications describe the requirements for goods. Tenderers are requested to submit with their offers the detailed specifications, drawings, catalogues, etc. for the products they intend to supply
		2. Tenderers must indicate on the specifications sheets whether the equipment offered comply with each specified requirement.
		3. All the dimensions and capacities of the equipment to be supplied shall not be less than those required in these specifications. Deviations from the basic requirements, if any shall be explained in detail in writing with the offer, with supporting data such as calculation sheets, etc. The procuring entity reserves the right to reject the products, if such deviations shall be found critical to the use and operation of the products.
		4. The tenderers are requested to present information along with their offers as follows:
1. Shortest possible delivery period of each product
	1. Information on proper representative and/or workshop for back-up service/repair and maintenance including their names and addresses.

**TECHNICAL SPECIFICATIONS**

**SUMMARY**

The Commission is desirous of procuring infrastructure for hosting Oracle Database and other Applications. To achieve this, the following are being sort:

1. A Risc server to host the oracle database, it’s operating system and virtualization software.
2. Intergration of the Risc server to existing IBM DS4700 storage.
3. Installation of the database on the acquired Risc server, migration from existing platform, re-configuration of existing platform for Disaster Recovery and configuration of replication between the two servers
4. Intel server to host applications, it’s virtualization software and associated operating systems
5. Direct Attached Storage (DAS) for the server and associated connection interfaces and accessories
6. Intel server and DAS installation.

**SPECIFIC TECHNICAL SPECIFICATIONS**

**UPGRADE AND ENHANCEMENT OF NETWORK AND SECURITY INFRASTRUCTURE**

**TECHNICAL SPECIFICATIONS**

**Summary**

The Commission wishes to upgrade and enhance the current ICT network and security infrastructure in order to achieve the twin objectives of high performance and secure network environment. Towards this, a number of equipment and solutions are being sort through this tender as summarized below:

| **Equipment/Solution** | **Objective** | **Quantity** |
| --- | --- | --- |
| 1 | Network Core Switches | * Improved Network Performance
* Effective network design and structuring
* Network refresh
 | Two (Redundancy) |
| 2 | Datacenter Access Switches | * Improved access performance for storage, applications and databases
* Segregation of Datacenter network for security implementation
 | Two (Redundancy) |
| 3 | Firewalls | * Enhanced network and data security
* Traffic monitoring and filtering
* Intrusion detection and prevention
* Malware detection and prevention
* Upgrade of current security infrastructure
 | Two (Redundancy and High Availability), Management Device (VM) |
| 4 | Network Access Control | * Capability to authorize, manage and monitor endpoints connectivity to ICT network
* Improved security and performance
 | Two Virtual Appliances (Redundancy and High Availability) |
| 5 | Wireless LAN Controller | * Upgrade of current wireless network installations
* Improved performance achieving minimum 90% of wired network speeds
 | Two (Redundancy and High Availability) |
| 6 | Network Cabinets | * Organized installation and connectivity to and from network equipment
* Organized powering of network equipment
* Structured cable management at the Data Center
 | 42U-Two (2),18U-Five (5) |
| 7 | Cable Management in Data Centers | * Organized and safe environment
* Easy troubleshooting
 | Two Data Centers (to be viewed during site survey) |
| 8 | Fibre SFP Modules | * Connectivity for servers and network devices
 | 10 pairs 10G, 10 pairs 1G |

**Mandatory Technical Requirements**

Bidders are advised to take note of the following mandatory requirements:

1. To achieve compatibility with Commission’s network infrastructure, which is premised on Cisco platforms, proposed equipment and solutions are required to be Cisco products.
2. Proposals must include all the eight items as listed in the summary table. Evaluation and awarding will be as whole ‘lot’ for ease of contract management.
3. Participating firms MUST possess a minimum of Premier Cisco Certified Partnership with following specializations:
	1. Advance Enterprise Networks Architecture
	2. Advanced Security Architecture
	3. Advanced Customer Experience

**Partnership and specialization evidence MUST be attached**

1. Bidders are required to show by evidence that they have undertaken similar installations and configuration in at least three (3) institutions comparable with the Commission in terms of size and ICT networks requirements
2. Bidders MUST provide evidence of available skillset to undertake the required installations and configurations that should include
	1. Project management certification
	2. Cisco network design and administration certification i.e CCNA,CCNP, CCIE
	3. Cisco security systems design and administration certification i.e CCNP security, CCIE security
3. Bidders are required to attend a **site survey** during the dates provided in the bid document and **sign the attendance register**

**Specific Technical Requirements**

The proposed items are required to meet minimum requirements as presented in tables 1 to 7 herein below.

For bidders to be successful, all the minimum specifications for all the Seven (7) items must be met. Failure to meet any one of the minimum requirements will lead to disqualification.

**Table1: Network CORE Switches**

**Bidders’ Proposed Model \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

| **Item** | **Minimum Requirement** | **Bidder Response** | **Compliant or not Compliant** |
| --- | --- | --- | --- |
| Interfaces | Modular, 24x 1/10/25G Gigabit Ethernet + 4x 40/100G Uplinks |  |  |
| Enclosure Type | Rack-mountable 1U |  |  |
| Switching Capacity | Upto 3.2Tbps  |  |  |
| Mac addresses support | Upto 82000  |  |  |
| IPv4 routes | Upto 212,000  |  |  |
| Jumbo frame | upto 9216 Bytes  |  |  |
| Processor | 4-core, 2.4-GHz |  |  |
| RAM | 16GB DRAM |  |  |
| Flash | 16GB |  |  |
| Power | 650W AC power supply with UK power cable  |  |  |
| Vlans | Upto 4094 vlans |  |  |
| Perpetual License | Licensed to support these perpetual features:Layer 2, Routed Access (RIP, EIGRP Stub, OSPF – Up to 1000 routes), PBR, PIM Stub Multicast (up to 1000 routes)), PVLAN, VRRP, PBR, CDP, QoS, FHS, 802.1x, Macsec-128, CoPP, SXP, IP SLA Responder, SSO.BGP, EIGRP, HSRP, IS-IS, BSR, MSDP, PIM SM, PIM SSM, PIM BIDIR,IP SLA, OSPF.VRF, VXLAN, LISP, SGT, MPLS, mVPNMACsec-256 |  |  |
| Subscription features (3 years) | Licensed to support the following subscription features for a 3-year term:Full Flexible NetFlow, EEM, Patch Management, Policy-based Automation and Assurance for Wired and Wireless, 100 NAC licenses and 200 flows per second licenses for flexible NetFlow. |  |  |
| Configurations and features Support | Must support:Inter-vlan routing;802.1q vlan trunking;Auto negotiation of trunk ports;Private VLANs;802.3 ad port aggregation;Bluetooth management;per port MTU;Spanning-tree, Per vlan spanning tree as well as Multiple Instance Spanning tree;Additional loop detection mechanisms apart from spanning-tree;ACL processing in hardware at wire rate;Access Control Lists;Policy-based routing. |  |  |
| Security features | Must support/provideMACsec encryption;IP source guard and unicast RPF checking;Broadcast and multicast storm control in hardware;DHCP snooping to mitigate man in the middle attacks;IP source guard;Dynamic ARP inspection;Mitigation against Denial of Service attacks on management/supervisor module;Secure copy to enable secure copying of crypto image files;Mechanism to allow and restrict traffic on a port based on host MAC address;802.1X authentication |  |  |
| Redundancy | Must support first hop redundancy protocols including HSRP, VRRP and NHRP |  |  |
| Monitoring | Must have a mechanism to monitor traffic on ports or VLANs and send the monitored traffic to destination ports such as to a Switch Probe device or a Remote Monitoring (RMON) probe. |  |  |
| Connectivity | Telnet and SSH. |  |  |
| Rollback capability | Must support ability to roll back to a previous configuration |  |  |
| Customized response | Must provide for the network engineer to create custom responses to system events. |  |  |
| Management switchover | The platform must support stateful switchover (SSO) mechanisms between the management modules, must support Non-Stop Forwarding (NSF) at Layer 3 to prevent packet loss during switchover |  |  |
| Cable status monitoring | Must have the ability to check the status of the copper cabling via the CLI using a time domain reflectometer |  |  |
| Unidirectional links detection | Must have ability to detect unidirectional links |  |  |
| Packet capture | Must support embedded packet capture with wireshark |  |  |
| Multicast and IGMP | Must support multicast and IGMP snooping |  |  |
| VPN support | VRF-Lite and MPLS VPN |  |  |
| QOS | Must support quality of service to regulate traffic flow across the network |  |  |
| Additional support required  | Netconf – Yang;Zero touch provisioning;Preboot execution environment client;On-box and off-box python scripting;Restconf;application hosting using gNMI ;gRPC ;OpenFlow SDN |  |  |
| SMARTNET | Three (3) years |  |  |
| Quantity | Two (2) |  |  |
| Services | * Installation into network cabinet and application of appropriate licenses
* Migration of configurations from the current core switch Cisco WS-C3650-24PD
* Configuration of core switch services including:
1. Configuration of fiber connectivity to ten (10) network switches;
2. Installation and configuration of fiber connectivity to the DC Access Switches;
3. Installation and configuration of fiber connectivity to wireless controller
 |  |  |

**Table2: Datacenter Access Switches**

**Bidders’ Proposed Model \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

| **Item** | **Minimum Requirement** | **Bidder Response** | **Compliant or not Compliant** |
| --- | --- | --- | --- |
| Interfaces | 24port multigigabit (100M, 1G, 2.5G, 5G, or 10 Gbps) + 8 x 10G SFP+ uplink module |  |  |
| Enclosure Type | Rack-mountable 1U |  |  |
| Switching Capacity | Upto 640 Gbps |  |  |
| Mac addresses support | Upto 32000  |  |  |
| IPv4 routes | Upto 32,000  |  |  |
| Jumbo frame | upto 9198 Bytes  |  |  |
| RAM | 8GB DRAM |  |  |
| Flash | 16GB |  |  |
| Power | 1100W AC power supply with UK power cable  |  |  |
| Vlans | Upto 4094 vlans |  |  |
| Perpetual License | Licensed to support the these perpetual features:Layer 2, Routed Access (RIP, EIGRP Stub, OSPF – Up to 1000 routes), PBR, PIM Stub Multicast (up to 1000 routes)), PVLAN, VRRP, PBR, CDP, QoS, FHS, 802.1x, Macsec-128, CoPP, SXP, IP SLA Responder, SSO.BGP, EIGRP, HSRP, IS-IS, BSR, MSDP, PIM SM, PIM SSM, PIM BIDIR,IP SLA, OSPF.VRF, VXLAN, LISP, SGT, MPLS, mVPNMACsec-256 |  |  |
| Subscription features (3 years) | Licensed to support the following subscription features for a 3-year term:Full Flexible NetFlow, EEM, Patch Management, Policy-based Automation and Assurance for Wired and Wireless, 25 NAC licenses and 25 flows per second licenses for flexible NetFlow. |  |  |
| Configurations and features Support | Must support:Inter-vlan routing;802.1q vlan trunking;Auto negotiation of trunk ports;Private VLANs;802.3 ad port aggregation;Bluetooth management;per port MTU;Spanning-tree, Per vlan spanning tree as well as Multiple Instance Spanning tree;Additional loop detection mechanisms apart from spanning-tree;ACL processing in hardware at wire rate;Access Control Lists;Policy-based routing. |  |  |
| Security features | Must support/provideMACsec encryption;IP source guard and unicast RPF checking;Broadcast and multicast storm control in hardware;DHCP snooping to mitigate man in the middle attacks;IP source guard;Dynamic ARP inspection;Mitigation against Denial of Service attacks on management/supervisor module;Secure copy to enable secure copying of crypto image files;Mechanism to allow and restrict traffic on a port based on host MAC address;802.1X authentication |  |  |
| Redundancy | Must support first hop redundancy protocols including HSRP, VRRP and NHRP |  |  |
| Monitoring | Must have a mechanism to monitor traffic on ports or VLANs and send the monitored traffic to destination ports such as to a Switch Probe device or a Remote Monitoring (RMON) probe. |  |  |
| Connectivity | Telnet and SSH. |  |  |
| Rollback capability | Must support ability to roll back to a previous configuration |  |  |
| Customized response | Must provide for the network engineer to create custom responses to system events. |  |  |
| Management switchover | The platform must support stateful switchover (SSO) mechanisms between the management modules, must support Non-Stop Forwarding (NSF) at Layer 3 to prevent packet loss during switchover |  |  |
| Cable status monitoring | Must have the ability to check the status of the copper cabling via the CLI using a time domain reflectometer |  |  |
| Unidirectional links detection | Must have ability to detect unidirectional links |  |  |
| Packet capture | Must support embedded packet capture with wireshark |  |  |
| Multicast and IGMP | Must support multicast and IGMP snooping |  |  |
| VPN support | VRF-Lite and MPLS VPN |  |  |
| QOS | Must support quality of service to regulate traffic flow across the network |  |  |
| Additional support required  | Netconf – Yang;Zero touch provisioning;Preboot execution environment client;On-box and off-box python scripting;Restconf;application hosting using gNMI ;gRPC ;OpenFlow SDN |  |  |
| SMARTNET | Three (3) years |  |  |
| Quantity | Two (2) |  |  |
| Services | * Installation into network cabinet and application of appropriate licenses
* Configuration of connectivity including:
1. Fiber connectivity to storage infrastructure (IBM Storwize v5000E)
2. Fiber connectivity to applications environment (Lenovo Thinksystem SR650)
3. Fiber connectivity to database environment (Oracle Sparc M7)
 |  |  |

**Table3: Firewalls**

**Bidders’ Proposed Model \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

| **Item** | **Minimum Requirement** | **Bidder Response** | **Compliant or not Compliant** |
| --- | --- | --- | --- |
| Device Specification | Support 3Gbps Firewall (FW) + Application Visibility and Control (AVC) throughput with a 1024-byte frame size.  |  |  |
| Support 3Gbps FW + AVC + Intrusion Prevention System (IPS) throughput with a 1024-byte frame size. |  |  |
| 600k Maximum concurrent sessions, with AVC. |  |  |
| 28K Maximum new connections per second, with AVC |  |  |
| 1.4Gbps Transport Layer Security (TLS) |  |  |
| 3Gbps NGIPS throughput with a 1024 Byte frame size |  |  |
| 1.4 Gbps IPSec VPN throughput (1024B TCP w/Fastpath) |  |  |
| 800 Maximum VPN Peers |  |  |
| Support local management as well as centralized management |  |  |
| 1 RU |  |  |
| Integrated IO with 8 x RJ-45, 2 x 1Gbps SFP, 2 x 1/10Gbps SFP+ |  |  |
| Integrated network management port 1 x 10M/100M/1GBASE-T Ethernet port (RJ-45) |  |  |
| Serial Port 1 x RJ-45 console |  |  |
| 1 x USB 3.0 Type-A (500mA) |  |  |
| Storage 200GB |  |  |
| Processor 1 x Intel |  |  |
| RAM 32GB |  |  |
| 100 to 240V AC Voltage |  |  |
| Quantity | 2 |  |  |
| Licensing | 3-year subscription that includes threat defense, malware protection and URL filtering. |  |  |
| SMARTNET | 3 Years |  |  |
|  |  |
| Management Device  | Manage upto 2 sensors |  |  |
| Upto 10 million IPS events |  |  |
| Virtual form factor with support for VMware ESXi 5.1,5.5, 6.0, 6.5. KVM, Amazon web services and Microsoft Azure. |  |  |
| Support upto 32 GB Memory. |  |  |
| Capable of running with 4 or 8 vCPUs |  |  |
| 250 GB event storage space |  |  |
| Ability to drill down to packet layer during investigation. |  |  |
| In-depth, fully customizable reporting. |  |  |
| One-click report generation from customizable dashboard. |  |  |
| Role-based access control and administration. |  |  |
| External authentication (RADIUS, LDAP, etc.). |  |  |
| Fully searchable event database. |  |  |
| Ability to create and save custom searches – system-wide and private. |  |  |
| Custom dashboards per user including highly customizable widgets. |  |  |
| Full audit logging. |  |  |
| Automated detection content updates. |  |  |
| Multiple report formats (PDF, CSV, HTML, etc.). |  |  |
| Multiple open APIs for management, off-platform event management, and command & control of devices. |  |  |
| Custom workflow generation for rapid forensics. |  |  |
| Custom, savable table generation for aggregating disparate events into a single view. |  |  |
| Single Management Platform for NGFW, NGIPS, endpoint client analysis and reporting. |  |  |
| Application identification enables Intrusion Protection rules. |  |  |
| Correlation of multiple conditions can trigger external calls to 3rd party devices for remediation. |  |  |
| External SQL access to database for customized reporting for tools like Crystal Reports. |  |  |
| Quantity  | 1 |  |  |
|  |  |
| Firewall and Application Control Features | Simultaneous deployment in transparent and/or routed mode. |  |  |
| Support for OSPF and BGP (v4 and v6). |  |  |
| Support dynamic and static NAT. |  |  |
| Stateful failover/high availability. |  |  |
| Protocol inspection of all packets in all flows. |  |  |
| Ability to recognize and control a large range of applications. |  |  |
| Ability to control sub-applications or specific application functionality. |  |  |
| Ability to control applications by user or group. |  |  |
| Ability to control applications by risk level / business relevance. |  |  |
| Support application control without a drop in performance throughput. |  |  |
| Custom application detection through open signature language. |  |  |
| Integrated site-to-site and remote access VPN support. |  |  |
| Application identification includes business relevance and risk. |  |  |
| Support QOS and Rate limiting. |  |  |
| Gateway deployments should support L2 (transparent) and L3 with High Availability topologies.  |  |  |
| HA transitions should occur seamless with or without STP and react or ignore physical link state. |  |  |
| Able to be deployed in virtual cloud based environments (VMware). Provide hypervisor-level security for inter-VM traffic between guests. Preserve security with zero downtime during virtual machine live migration. |  |  |
| IPv6 support should include Next Generation technologies such as IPS, Application Control and URL Filtering and Anti-Malware.  |  |  |
| NGIPS | Threat focus - holistic view for breach detection. |  |  |
| Ability to see rule/filter/signature (open rules). |  |  |
| Ability to edit existing rules. |  |  |
| Ability to create custom rules using native Snort engine (world's most widely deployed open source IPS). |  |  |
| Downloadable packet capture for all events in libpcap format. |  |  |
| Ability to generate netflow data. |  |  |
| Automated tuning functionality.  |  |  |
| Automated impact assessment based on host profiling and vulnerability data. |  |  |
| IP and URL blacklisting and whitelisting based on built in or custom feeds and lists. |  |  |
| DNS sink-holing based on built in or custom feeds and lists. |  |  |
| Malware detection and remediation | Retrospective notification on malicious file content. |  |  |
| Visibility and control of diverse file types at the network layer. |  |  |
| Cloud-driven, real-time malware detection. |  |  |
| Custom blacklisting of file types or individual files. |  |  |
| Detailed network trajectory for outbreak control and remediation. |  |  |
| Integration with endpoint protection systems. |  |  |
| Built-in blocking of malicious URLs based on type (C&C, spam, etc.). |  |  |
| File capture for malicious, good, and/or unknown files.Identification of "patient zero" for malware outbreaks.. |  |  |
| SSL decryption | Solution offers support for SSL Inspection/Decryption with leading performance across all threat mitigation technologies. |  |  |
| The solution should support Perfect Forward Secrecy (PFS, ECDHE cipher suites). |  |  |
| The solution should support AES-NI, AES-GCM for improved throughput.  |  |  |
| Threat emulation/sandboxing should be integrated with SSL Inspection. |  |  |
| Solution can leverage the URL filtering data base to allow administrator to create granular https inspection policy. |  |  |
| SSL Decryption can be based on a wide variety of criteria, including network, user, application, cipher suite, TLS version, certificate status, URL category. |  |  |
| Solution can inspect HTTPS based URL Filtering without requiring SSL decryption. |  |  |
| URL filtering | URLF solution allows for "real time updates" via cloud or other mechanism. |  |  |
| Custom URL Lists allow for URL’s to be part of multiple categories. |  |  |
| The URLF solution enable users to submit re-categorization interactively. |  |  |
| Vendor must have ability to change and reclassify URL categories without relying on 3rd parties. |  |  |
| The URLF solution should enforce 'safe search'. |  |  |
| The URLF solution should filter and allow for HTTPS without SSL Inspection. |  |  |
| Solution allows for administrators to allow groups or users to "bypass" (Self Remediation) rules at a granular level without IT administrative action. |  |  |
| Third party integration and validation | Ability to be monitored by MSP. |  |  |
| Ability to be managed by MSP. |  |  |
| API for event output to SIEM. |  |  |
| API for input of environmental awareness data (vulnerability scan, host profiling). |  |  |
| API to provide instruction to third-party products for automated remediation. |  |  |
| Full SNMP monitoring (Trap, MIB). |  |  |
| Support for industry-standard protocols such as NetFlow and WCCP. |  |  |
| NSS Labs leader in detection for multiple years - IPS, NGFW, anti-malware.  |  |  |
| Gartner Magic Quadrant leader 8+ years – IPS. |  |  |
| Services | Install the firewalls in the network rack and apply appropriate licenses |  |  |
| Install firewall management virtual appliance and apply appropriate licenses |  |  |
| Migrate existing configurations from ASA 5525 |  |  |
| Enhance and upgrade existing setup by configuring all additional capabilities including:* URL filtering
* SSL decryption
* Malware detection and remediation
* Full IPS protection
* Events collection and database configuration
* Firewall Management
* Monitoring and reporting
 |  |  |

**Table4: Network Access Control**

**Bidders’ Proposed Model \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

| **Item** | **Minimum Requirement** | **Bidder Response** | **Compliant or not Compliant** |
| --- | --- | --- | --- |
| General Requirements | Allows the client to authenticate and authorize users and endpoints via wired, wireless, and VPN with consistent security policy  |  |  |
| Must utilize open standard via IEEE 802.1x protocol |  |  |
| Prevents unauthorized network access to protect data assets |  |  |
| Enforces security policies by blocking, isolating, and repairing noncompliant machines in a quarantine area without needing administrator attention |  |  |
| Must support standard RADIUS protocol for authentication, authorization, and accounting |  |  |
| Must provide the ability to control, enable, disable MACSec IEEE 802.1AE, link encryption protocol for switch to switch encryption and client to switch encryption |  |  |
| Must provide validated support for VDI implementation |  |  |
| Must support the following PC operating systems: Windows 10, Windows 8, Windows 7, Windows Vista, Windows XP and Windows 2000. Also support for Mac OS X 10.5.x and 10.6.x is required |  |  |
| Device requirements | **Virtual appliance** capable of running on VMware ESXi5.x and 6.x, MS Hyper V or Linux KVM |  |  |
| Small node requiring 16GB RAM and 1200MHz CPU |  |  |
| Two (2) Virtual appliances for High Availability |  |  |
| **License requirements** | Perpetual licenses for 1300 licenses supporting base features including: Basic network access: AAA, IEEE-802.1X, Guest management, Easy Connect (Passive ID), TrustSec (SGT, SGACL, ACI Integration), Application Programming Interfaces.  |  |  |
| 3 year subscription license for 1000 users supporting the following features: BYOD with built-in Certificate Authority Services, Profiling and Feed Services, Endpoint Protection Service (EPS), pxGrid.  |  |  |
| 3 year subscription license for 1000 users supporting: Third Party Mobile Device Management (MDM), Posture Compliance, Threat Centric NAC (TC-NAC). The posture assessment must be agent based with the agent providing remote access VPN for all users. |  |  |
| Authentication requirements | Must support a wide range of authentication protocols, including PAP, MS-CHAP, Extensible Authentication Protocol (EAP)-MD5, Protected EAP (PEAP), EAP-Flexible Authentication via Secure Tunneling (FAST), and EAP- Transport Layer Security (TLS) |  |  |
| Must support Microsoft Windows Active Directory up to 2019, 32-bit and 64-bit  |  |  |
| Must support RADIUS Identity store |  |  |
| Must support RSA Server 6.x Series and RSA Authentication Manager 7.x Series and above |  |  |
| Must support flexible authentication options to include, 802.1X, Web Authentication and MAC Authentication |  |  |
| Must allow self-enrollment for desktops and mobile devices |  |  |
| Must support multiple Active Directories |  |  |
| Must include built-in Certificate Authority  |  |  |
| Must support LDAP integration |  |  |
| Enforcement and Authorization requirements | Must support enforcement on LAN Switches |  |  |
| Must support enforcement on Firewalls |  |  |
| Must support enforcement on routers |  |  |
| Must support enforcement on wireless LAN controllers |  |  |
| Must authorize access via downloadable Access Control Lists (dACL) |  |  |
| Must authorize access via Change of Authorization messages (CoA) |  |  |
| Must provide authorization over all network devices via open standard layer 2 tagging of the user traffic |  |  |
| Must offer monitor mode for implementation staging  |  |  |
| Posture Assessment requirements | Must verify endpoint posture assessment for all types of users connecting to the network.  |  |  |
| Must support policy enforcement for non CoA devices via inline deployment |  |  |
| Must support deployment to enforce policies on VPN users |  |  |
| Must support inline deployment to enforce policies on wireless LAN controllers that do not support 802.1x |  |  |
| Enforcement via downloadable Access Control List if inline deployment is used |  |  |
| Endpoint profiling requirements | Must support profiling for clientless devices |  |  |
| Must support profiling for iPhone |  |  |
| Must support profiling for iPad |  |  |
| Must support profiling for Android |  |  |
| Must support profiling for IP Phones |  |  |
| Must support profiling for network printers |  |  |
| Must support profiling for IP surveillance cameras |  |  |
| Profiling via RADIUS must be supported |  |  |
| Profiling via SNMP must be supported |  |  |
| Profiling via DHCP Span must be supported |  |  |
| Profiling via DHCP proxy must be supported |  |  |
| Profiling via Netflow must be supported |  |  |
| Profiling via DNS lookup must be supported |  |  |
| Profiling via HTTP span must be supported |  |  |
| Must provide the ability to create custom profiling rules |  |  |
| Must support live profile feed for updating profiles |  |  |
| Must support active profiling via built-in scanner |  |  |
| Guest Access requirements | Provides complete guest lifecycle management by allowing non-IT employees to provide controlled access to guests and consultant reducing the IT workload |  |  |
| Support self-provisioning guest access |  |  |
| Support for guest provisioning by non-IT staff (sponsor) |  |  |
| Support for guest user posture assessment |  |  |
| Sponsor policies must be set for who is allowed to host guests into the network |  |  |
| Sponsors must be authenticated using AD or LDAP before guest provisioning |  |  |
| Solution must provide customizability of the guest portal with company brand |  |  |
| Solution must provide mechanism to display corporate disclaimer that must be read and accepted by guests |  |  |
| Must provide guest credentials via email, print-out or SMS via 3rd party |  |  |
| Must monitor all guest activities during the session |  |  |
| Must force guests to change default password |  |  |
| Must provide comprehensive guest policy with duration of session |  |  |
| Must disables guest accounts once expired |  |  |
| Arabic support for guest portal is a plus |  |  |
| Remediation requirements  | Must support auto remediation for non-compliant endpoints |  |  |
| Address vulnerabilities on user machines through periodic evaluation and remediation to help proactively mitigate network threats such as viruses, worms, and spyware |  |  |
| Management and reporting requirements | Offers a built-in monitoring, reporting, and troubleshooting console to assist helpdesk operators and administrators streamline operations |  |  |
| Must support the option of having dedicated management system  |  |  |
| Must support the option of having dedicated reporting and monitoring system |  |  |
| Must include integrated monitoring, reporting, and troubleshooting engine accessible through a web-based GUI |  |  |
| Must store and avail a detailed attribute history of all the endpoints that connect to the network as well as users (including guests, employees, and contractors) on the network, all the way down to endpoint application details and firewall status |  |  |
| Services | Installation of the Virtual Appliances and application of the relevant licenses |  |  |
| Configuration and testing of Network Access Control capabilities including:* authentication and authorization of users and endpoints in wired, wireless, and VPN networks
* protecting unauthorized network access
* blocking, isolating, and repairing noncompliant endpoints
* integration with Microsoft Windows Active Directory up to 2019
* profiling of endpoints
* guest lifecycle management including customization of guest portal, self-provisioning, acceptance of corporate disclaimer, guest activities monitoring and guest policy enforcement
* management, monitoring, and reporting web platform(s)
 |  |  |

**Table5: Wireless Controller**

**Bidders’ Proposed Model \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

| **Item** | **Minimum Requirement** | **Bidder Response** | **Compliant or not Compliant**  |
| --- | --- | --- | --- |
| Physical | 1 RU form factor |  |  |
| 2 x 10G/mGig Fiber ports  |  |  |
| 4 x 1/2/5 mGig copper Ethernet ports |  |  |
| 1 x RJ45 Ethernet redundancy port |  |  |
| Scale | Support upto 250 Access points |  |  |
| Support upto 5000 end user clients |  |  |
| Maximum throughput 5Gbps |  |  |
| Support for upto 4096 VLANS |  |  |
| Support upto 100 VLAN groups |  |  |
| Support upto 4096 WLAN |  |  |
| Support upto 5000 RFID |  |  |
| Support upto 80,000 AVC flows |  |  |
| Licensing | 3- year on premise essential license for upto 60 Access points in HA mode |  |  |
| Software | Cisco IOS XE version 16.12.1 or later |  |  |
| Access Points Compatibility | Cisco Aironet 802.11ac Wave 1 and Wave 2 access points, Cisco Catalyst 9100 802.11ax access points |  |  |
| High Availability | Full SSO redundancy |  |  |
| N+1 High Availability support |  |  |
| Security | Rogue AP detection and mitigation |  |  |
| Enhanced threat detection with encrypted traffic analytics |  |  |
| Identity based segmentation with software defined access networking |  |  |
| Programmability | Support open and Native YANG models and NETCONF transport |  |  |
| Model-based streaming Telemetry |  |  |
| Software defined access | Extend policy-based segmentation to wireless |  |  |
| Support seamless mobility without VLAN spanning |  |  |
| Patching and upgrade | Support Controller and AP patching with SMU packages and AP service packs |  |  |
| AP device pack for new AP model support |  |  |
| N+1 Rolling AP upgrade using RRM based candidate AP selection |  |  |
| Radio Resource Management | Dynamic Channel Assignment |  |  |
| Transmit Power Control |  |  |
| Coverage hole detection and mitigation |  |  |
| Management | Web-based: HTTP/HTTPS; Command-line interface: Telnet, Secure Shell (SSH) Protocol, serial port |  |  |
| Warranty | 3 Years Cisco SMARTNET |  |  |
| Quantity | Two (2) |  |  |
| Delivery Period | Four (4) weeks |  |  |
| Services | * Mounting in the network cabinet and application of relevant licenses
* Migration of WIFI configurations from Cisco 5760 controller
* Review and enhancement of the setup to achieve expected performance of minimum 90% of wired network speeds.
 |  |  |

**Table6a: Network Equipment Cabinet (42U)**

**Bidders’ Proposed Model \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

| **Item** | **Minimum Requirements** | **Bidders Response** | **Compliant or Not compliant** |
| --- | --- | --- | --- |
| Size | 42u 600Wx800D |  |  |
| Top | * Full Vented Top Frame with Rear Cable Entrance
* 4 x 4-inch Top Fan Tray with Guard & Filter (Low Noise)
 |  |  |
| Side | 2 x Lift Off Type Side Door with Quick Release Catch & Cam Lock |  |  |
| Front | 1 x Perforated (75%) Arc-Fold Front Door with Swing Handle Lock (Hexagon Honey-Comb) |  |  |
| Rear | 1 x Full Perforation Rear Door with Cam Lock |  |  |
| Mounting | * 1 x Set Panel Mount Support
* 4 x Panel Mount with Unit Indication & Silk Screen Numbering
 |  |  |
| Base | 1 x Base Frame with Provision of Cable Entrance |  |  |
| PDU | * Input connection: 3-phase, 20 A, NEMA L21-20P connector
* Output connections: Twenty-one (21) IEC-320-C13; three (3) IEC-320-C19
* Monitoring interface for current, power, and voltage
 |  |  |
| Others | * 1 x Set of Heavy Duty Castor Wheels
* 1 x Set of Levelling Feet
* 1 x Allen Key tool
* 2 x Earth line grounding key
* Finish with Epoxy Powder Coating
* 1 x Sliding Keyboard Shelf
* 1 Packet of M6 Cage Nuts Assembly
 |  |  |
| Quantity | Two (2) |  |  |

**Table6b: Network Equipment Cabinet (18U)**

**Bidders’ Proposed Model \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

| **Item** | **Minimum Requirements** | **Bidders Response** | **Compliant or not Compliant** |
| --- | --- | --- | --- |
| Size | 18u 600Wx600D |  |  |
| Top | * Full Vented Top Frame with Rear Cable Entrance
* 4 x 4-inch Top Fan Tray with Guard & Filter (Low Noise)
 |  |  |
| Side | 2 x Lift Off Type Side Door with Quick Release Catch & Cam Lock |  |  |
| Front | 1 x Perforated (75%) or Glass Lockable Front Door  |  |  |
| Rear | 1 x Full Perforation Rear Door with Cam Lock |  |  |
| Mounting | * 1 x Set Panel Mount Support
* 4 x Panel Mount with Unit Indication & Silk Screen Numbering
 |  |  |
| Base | 1 x Base Frame with Provision of Cable Entrance |  |  |
| PDU | * 6-way mountable Power Distribution Unit
 |  |  |
| Others | * Bolts and Nuts
* 1 Packet of M6 Cage Nuts Assembly
 |  |  |
| Quantity | Five (5) |  |  |

**Table7: Cable Management for Data Centers (2)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Item** | **Minimum Requirements** | **Bidders Response** | **Compliant or not Compliant** |
| Cable Managers | Sufficient for managing cables for five 42u network cabinets (as will be assessed during site survey) |  |  |
| Cable Management | Organize cables as per best DC cable management standards/practice (current situation to be assessed during site survey) |  |  |
| Trunking | Run the necessary trunks to achieve proper cable management |  |  |

**Additional accessories**

* Ten (10) pairs 10GBASE-SR SFP Modules
* Ten (10) pairs 1000BASE-LX/LH SFP transceiver modules, MMF/SMF, 1310nm, DOM

**Special Note:**

Bidders are advised that as part of inspection and acceptance, all serial numbers of the delivered items will be verified with the vendors

## SECTION VII - PRICE SCHEDULE FOR GOODS

Name of tenderer Tender Number Page of

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No** | **Description** | **Qty** | **Unit price** | **Total Price (Inc’ of 16% VAT)** | **Delivery time after LPO is issued****(In Days)** |
| 1 | Network Core Switches | 2 |  |  |  |
| 2 | Datacenter Access Switches | 2 |  |  |  |
| 3 | Firewalls | 2 |  |  |  |
| Firewall Management | 1 |  |  |  |
| 4 | Network Access Control | 2 VMs |  |  |  |
| 5 | Wireless LAN Controller | 2 |  |  |  |
| 6 | 42U Network Cabinets | 2 |  |  |  |
| 18U Network Cabinets | 5 |  |  |  |
| 7 | Cable Management in Data Centers | Lot |  |  |  |
| 8 | 10G Fibre SFP Modules | 10 |  |  |  |
| 10G Fibre SFP Modules | 10 |  |  |  |
| **Grand Total transferred to Form of Tender** |  |  |

**NOTE:** The price provided in each item should include delivery,

 installation and configurations

 Award will be made to the lowest evaluated bidder based on the

 total price for uniformity and ease of contract management

Signature of tenderer

NB:

* + - 1. The total price on this price schedule should match the IFMIS quote price and the Form of tender price.

# SECTION VIII - STANDARD FORMS

**Notes on the sample Forms**

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

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

3. Tender Security Form - When required by the tender documents the tender shall provide the tender security either in the form included herein or in another format acceptable to the procuring entity.

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

5. Performance Security Form - The performance security form should not be completed by the tenderers at the time of tender preparation. Only the successful tenderer will be required to provide performance security in the form provided herein or in another form acceptable to the procuring entity.

6. Bank Guarantee for Advance Payment Form - When Advance payment is requested for by the successful bidder and agreed by the procuring entity, this form must be completed fully and duly signed by the authorized officials of the bank.

7. Manufacturers Authorization Form - When required by the ender documents this form must be completed and submitted with the tender documents. This form will be completed by the manufacturer of the goods where the tenderer is an agent.

## FORM OF TENDER

 Date

**TENDER NO. EACC /26/2020-2021**

To: **THE SECRETARY/CEO**

 **Ethics and Anti-Corruption Commission,**

 **P. O. Box 61130 - 00200**

 **NAIROBI**

Gentlemen and/or Ladies:

 1. Having examined the tender documents including Addenda

Nos. ………………………………. *[Insert numbers].*the receipt of which is hereby duly acknowledged, we, the undersigned, offer to Supply and Deliver Centralized Back up and Replication Solution in conformity with the said tender documents for the sum of ………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………….. (*total tender amount in words and figures*) or such other sums as may be ascertained in accordance with the Schedule of Prices attached herewith and made part of this Tender.

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

 3. If our Tender is accepted, we will obtain the guarantee of a bank in a sum of equivalent to 10 % of the Contract Price for the due performance of the Contract, in the form prescribed by EACC.

 4. We agree to a bid by this Tender for a period of **120 Days** from the date fixed for tender opening of the Instructions to tenderers, and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

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

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

Dated this day of 20

[Signature] [In the capacity of]

Duly authorized to sign tender for an on behalf of

## 8.2 CONFIDENTIAL BUSINESS QUESTIONNAIRE FORM

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

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

|  |
| --- |
| *Part 1 – General:*Business Name………………………………………………………………………………………Location of business premises. ………………………………………………………………..Plot No………………………… Street/Road ………………………………………………….Postal Address …………………Tel No. …………………. E-Mail ………………………….Nature of Business ……………………………………………………………………………..Registration Certificate No.………………………………………………………………………Maximum value of business which you can handle at any one time – Kshs…………Name of your bankers ……………………………………….. Branch ……………………… |
|  Part 2 (a) – Sole ProprietorYour name in full ……………………………………Age ……………………………Nationality ………………… Country of origin …………………………………….Citizenship details……………………………………………………………………… |
| Part 2 (b) PartnershipGiven details of partners as follows: Name Nationality Citizenship Details Shares1…………………………………………………………………………………………………………2………………………………………………………………………………………………………...3………………………………………………………………………………………………………...4………………………………………………………………………………………………………… |
|  Part 2 (c ) – Registered CompanyPrivate or Public ……………………………………………………………………….State the nominal and issued capital of company- Nominal Kshs……………………………………. Issued Kshs……………………………………Given details of all directors as followsName Nationality Citizenship Details Shares1…………………………………………………………………………………………………………2.………………………………………………………………………………………………………..3.………………………………………………………………………………………………………..4………………………………………………………………………………………………………… |
| Date ………………………………… Signature of Bidder ………………………………… |

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

(r.22)

## 8.3 Tender-Security Form

Whereas....................... (Name of the tenderer) (Herein after called “the tenderer” has submitted its tender dated................. (Date of submission of tender) for the.......... (Name and/or description of the tender)(Hereinafter called “the Tender”).

KNOW ALL PEOPLE by these presents that WE.............................of........................... (Name of Insurance Company) having our registered office at........................... (herein after called the “the Guarantor”), are bound unto .............................(Name of Procuring Entity) (hereinafter called “the Procuring Entity”) in the sum of ........................(Currency and guarantee amount) for which payment well and truly to be made to the said Procuring Entity, the Guarantor binds itself, its successors, and assigns by these presents.

Sealed with the Common Seal of the said Guarantor this\_\_\_\_\_\_\_day of \_\_\_\_\_\_\_\_ 20\_\_\_\_\_.

THE CONDITIONS of this obligation are:

1. If after tender opening the tenderer withdraws his tender during the period of tender validity specified in the instructions to tenderers; or
2. If the tenderer rejects the correction of an error upon prompt notice by the procuring entity; and
3. If the tenderer, having been notified of the acceptance of his tender by the Employer during the period of tender validity:
4. fails or refuses to execute the form of Agreement in accordance with the Instructions to Tenderers, if required; or
5. fails or refuses to furnish the Performance Security, in accordance with Instructions to Tenderers.

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

This guarantee will remain in force up to and including thirty (30) days after the period of tender validity, and any demand in respect thereof should reach the

Guarantor not later than the said date.

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|  |  |
| **(Date)** | **(Signature of the Guarantor)**  |
|  |  |
| **(Witness)** | **(Seal)** |

## 8.5 PERFORMANCE SECURITY FORM

To ………………………………………….

[*Name of procuring entity]*

WHEREAS …………………………………… [*Name of tenderer*] (Hereinafter called “the tenderer”) has undertaken, in pursuance of Contract No. [*Reference number of the contract]* dated 20 to supply ……………………………………………… [*Description of goods]* (Hereinafter called “the Contract”).

AND WHEREAS it has been stipulated by you in the said Contract that the tenderer shall furnish you with a bank guarantee by a reputable bank for the sum specified therein as security for compliance with the Tenderer’s performance obligations in accordance with the Contract.

AND WHEREAS we have agreed to give the tenderer a guarantee:

THEREFORE WE hereby affirm that we are Guarantors and responsible to you, on behalf of the tenderer, up to a total of ………………………. [*amount of the guarantee in words and figure]* and we undertake to pay you, upon your first written demand declaring the tenderer to be in default under the Contract and without cavil or argument, any sum or sums within the limits of …………………….. [*Amount of guarantee]* as aforesaid, without you needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This guarantee is valid until the day of 20

Signed and seal of the Guarantors

 *[Name of bank or financial institution]*

 *[Address]*

 *[Date]*

## 8.6 BANK GUARANTEE FOR ADVANCE PAYMENT FORM

##### To ………………………………

 [*Name of procuring entity]*

*[Name of tender] …………………..*

Gentlemen and/or Ladies:

In accordance with the payment provision included in the Special Conditions of Contract, which amends the General Conditions of Contract to provide for advance payment, …………………………………………………. [*Name and address of tenderer]*(hereinafter called “the tenderer”) shall deposit with the Procuring entity a bank guarantee to guarantee its proper and faithful performance under the said Clause of the Contract in an amount of …… …………………. [*Amount of guarantee in figures and words].*

We, the ……………………………. [*bank or financial institutions]*, as instructed by the tenderer, agree unconditionally and irrevocably to guarantee as primary obligator and not as surety merely, the payment to the Procuring entity on its first demand without whatsoever right of objection on our part and without its first claim to the tenderer, in the amount not exceeding …………………… [*Amount of guarantee in figures and words]*

We further agree that no change or addition to or other modification of the terms of the Contract to be performed there-under or of any of the Contract documents which may be made between the Procuring entity and the tenderer, shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition, or modification.

This guarantee shall remain valid in full effect from the date of the advance payment received by the tenderer under the Contract until ………… [*Date]*.

Yours truly,

Signature and seal of the Guarantors

 *[Name of bank or financial institution]*

 *[Address]*

 *[Date]*8.7 MANUFACTURER’S AUTHORIZATION FORM

To [*name of the Procuring entity] ………………….*

WHEREAS ………………………………………………………… [Name *of the manufacturer]* who are established and reputable manufacturers of ………………….. [*Name and/or description of the goods]* having factories at ………………………………… [*Address of factory]* do hereby authorize ………………………… [*Name and address of Agent]* to submit a tender, and subsequently negotiate and sign the Contract with you against **TENDER NO. EACC /26/2020-2021**for the above goods manufactured by us.

We hereby extend our full guarantee and warranty as per the General Conditions of Contract for the goods offered for supply by the above firm against this Invitation for Tenders.

 [*Signature for and on behalf of manufacturer]*

*Note:* This letter of authority should be on the letterhead of the Manufacturer and should be signed by a person competent.

## 8.8 LETTER OF NOTIFICATION OF AWARD

Address of Procuring Entity

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

To:

RE: **TENDER NO. EACC /26/2020-2021**

 Tender Name

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

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

*(FULL PARTICULARS)*

 SIGNED FOR ACCOUNTING OFFICER

## 8.9 FORM RB 1

**REPUBLIC OF KENYA**

**PUBLIC PROCUREMENT ADMINISTRATIVE REVIEW BOARD**

APPLICATION NO…………….OF……….….20……...

BETWEEN

…………………………………………….APPLICANT

AND

…………………………………RESPONDENT *(Procuring Entity*)

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

**REQUEST FOR REVIEW**

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

1.

2.

Etc.

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

1.

2.

Etc

SIGNED ………………. (Applicant)

Dated on…………….day of ……………/…20…

**FOR OFFICIAL USE ONLY**

Lodged with the Secretary Public Procurement Administrative Review Board on ………… day of ………....20….………

SIGNED

Board Secretary

# SELF-DECLARATION FORM

**FORM SD2**

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

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

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

2. THAT the aforesaid Bidder, its servants and/or agents /subcontractors will not engage in any corrupt or fraudulent practice and has not been requested to pay any inducement to any member of the Board, Management, Staff and/or employees and/or agents of ……………………..( insert name of the Procuring entity) which is the procuring entity.

3. THAT the aforesaid Bidder, its servants and/or agents /subcontractors have not offered any inducement to any member of the Board, Management, Staff and/or employees and/or agents of ……………………..(name of the procuring entity)

4. THAT the aforesaid Bidder will not engage /has not engaged in any corrosive practice with other bidders participating in the subject tender

5. THAT what is deponed to hereinabove is true to the best of my knowledge information and belief.

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| --- | --- | --- |
| ………………………………… | ………………………… | ……………………… |
| (Title) | (Signature) | (Date) |
| Bidder’s Official Stamp |  |  |